284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : CON ED UTEN MOUNT VERNON, NY

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q2075

ATTENTION : Marcie Ann Encinas

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q2075

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q2075-01	SS-10
Q2075-02	SS-910
Q2075-03	SS-11
Q2075-04	SS-11MS
Q2075-05	AA-11MSD
Q2075-06	SS-MW1-11.5
Q2075-07	FB-05152025
Q2075-08	FB-05162025

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 11:46 am, May 28, 2025

Date: 5/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CDM Smith
Project Name: Con Ed UTEN Mount Vernon, NY
Project # N/A
Order ID # Q2075
Test Name: SVOCMS Group3

A. Number of Samples and Date of Receipt:
6 Solid samples were received on 05/16/2025.
2 Water samples were received on 05/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for SVOCMS Group3.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe 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-GGAThe analysis of SVOCMS Group3 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements except for SS-11MS and SS-11MSD. Due to matrix interference. hence no corrective action is required.

and

SS-MW1-11.5 due to the presence of non-targeted hydrocarbons which can be observed by the abnormal chromatogram. Hence no corrective action is required.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

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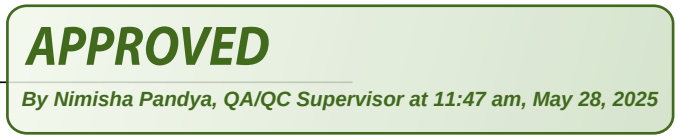
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature 

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

ORDER ID: Q2075 MATRIX: /Water

METHOD: 8270E/3510

		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 met the requirements.			
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all samples. The Blank Spike Duplicate met requirements for all samples.			

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

		NA	NO	YES
9.	Internal Standard Area/Retention Time Shift Meet Criteria		✓	
	Comments: The Internal Standards Areas met the acceptable requirements except for SS-11MS and SS-11MSD. Due to matrix interference. hence no corrective action is required. and SS-MW1-11.5 due to the presence of non-targeted hydrocarbons which can be observed by the abnormal chromatogram. Hence no corrective action is required.			
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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 10:23 am, May 28, 2025

Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2075

	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:** 05/24/2025

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LAB CHRONICLE

OrderID:	Q2075	**OrderDate:**	5/16/2025 4:10:00 PM
Client:	CDM Smith	**Project:**	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2075-01	**SS-10**	**SOIL**			**05/15/25**			**05/16/25**
			SVOCMS Group3	8270E		05/20/25	05/22/25	
Q2075-02	**SS-910**	**SOIL**			**05/15/25**			**05/16/25**
			SVOCMS Group3	8270E		05/20/25	05/22/25	
Q2075-03	**SS-11**	**SOIL**			**05/15/25**			**05/16/25**
			SVOCMS Group3	8270E		05/20/25	05/21/25	
Q2075-06	**SS-MW1-11.5**	**SOIL**			**05/16/25**			**05/16/25**
			SVOCMS Group3	8270E		05/20/25	05/21/25	
Q2075-07	**FB-05152025**	**Water**			**05/15/25**			**05/16/25**
			SVOCMS Group3	8270E		05/21/25	05/22/25	
Q2075-08	**FB-05162025**	**Water**			**05/16/25**			**05/16/25**
			SVOCMS Group3	8270E		05/21/25	05/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2075

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SS-10								
Q2075-01	SS-10	SOIL	Phenanthrene	830.000		26.2	210	ug/Kg
Q2075-01	SS-10	SOIL	Anthracene	110.000	J	41.7	210	ug/Kg
Q2075-01	SS-10	SOIL	Fluoranthene	1,200.000		37.6	210	ug/Kg
Q2075-01	SS-10	SOIL	Pyrene	660.000		45.1	210	ug/Kg
Q2075-01	SS-10	SOIL	Benzo(a)anthracene	420.000		28.8	210	ug/Kg
Q2075-01	SS-10	SOIL	Chrysene	490.000		24.9	210	ug/Kg
Q2075-01	SS-10	SOIL	Benzo(b)fluoranthene	640.000		23.8	210	ug/Kg
Q2075-01	SS-10	SOIL	Benzo(k)fluoranthene	220.000		28.1	210	ug/Kg
Q2075-01	SS-10	SOIL	Benzo(a)pyrene	350.000		37	210	ug/Kg
Q2075-01	SS-10	SOIL	Indeno(1,2,3-cd)pyrene	160.000	J	36.5	210	ug/Kg
Q2075-01	SS-10	SOIL	Benzo(g,h,i)perylene	170.000	J	32.2	210	ug/Kg
			Total Svoc :	**5,250.00**				
			Total Concentration:	**5,250.00**				
Client ID : SS-910								
Q2075-02	SS-910	SOIL	Phenanthrene	440.000		25.7	210	ug/Kg
Q2075-02	SS-910	SOIL	Fluoranthene	940.000		36.8	210	ug/Kg
Q2075-02	SS-910	SOIL	Pyrene	490.000		44.2	210	ug/Kg
Q2075-02	SS-910	SOIL	Benzo(a)anthracene	290.000		28.2	210	ug/Kg
Q2075-02	SS-910	SOIL	Chrysene	320.000		24.4	210	ug/Kg
Q2075-02	SS-910	SOIL	Benzo(b)fluoranthene	520.000		23.3	210	ug/Kg
Q2075-02	SS-910	SOIL	Benzo(k)fluoranthene	180.000	J	27.5	210	ug/Kg
Q2075-02	SS-910	SOIL	Benzo(a)pyrene	310.000		36.2	210	ug/Kg
Q2075-02	SS-910	SOIL	Indeno(1,2,3-cd)pyrene	150.000	J	35.7	210	ug/Kg
Q2075-02	SS-910	SOIL	Benzo(g,h,i)perylene	170.000	J	31.5	210	ug/Kg
			Total Svoc :	**3,810.00**				
			Total Concentration:	**3,810.00**				
Client ID : SS-11								
Q2075-03	SS-11	SOIL	Fluoranthene	120.000	J	34.3	190	ug/Kg
			Total Svoc :	**120.00**				
			Total Concentration:	**120.00**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168083BL	PB168083BL	Nitrobenzene-d5	100	67.4	67		18	107
		2-Fluorobiphenyl	100	69.4	69		20	109
		Terphenyl-d14	100	62.4	62		10	105
PB168083BS	PB168083BS	Nitrobenzene-d5	100	69.4	69		18	107
		2-Fluorobiphenyl	100	66.0	66		20	109
		Terphenyl-d14	100	81.6	82		10	105
Q2075-01	SS-10	Nitrobenzene-d5	100	43.6	44		18	107
		2-Fluorobiphenyl	100	37.5	38		20	109
		Terphenyl-d14	100	29.7	30		10	105
Q2075-02	SS-910	Nitrobenzene-d5	100	49.5	49		18	107
		2-Fluorobiphenyl	100	43.1	43		20	109
		Terphenyl-d14	100	35.4	35		10	105
Q2075-03	SS-11	Nitrobenzene-d5	100	64.7	65		18	107
		2-Fluorobiphenyl	100	56.2	56		20	109
		Terphenyl-d14	100	42.2	42		10	105
Q2075-04MS	SS-11MS	Nitrobenzene-d5	100	60.4	60		18	107
		2-Fluorobiphenyl	100	51.6	52		20	109
		Terphenyl-d14	100	41.5	41		10	105
Q2075-05MSD	SS-11MSD	Nitrobenzene-d5	100	59.6	60		18	107
		2-Fluorobiphenyl	100	54.4	54		20	109
		Terphenyl-d14	100	40.2	40		10	105
Q2075-06	SS-MW1-11.5	Nitrobenzene-d5	100	53.3	53		18	107
		2-Fluorobiphenyl	100	48.6	49		20	109
		Terphenyl-d14	100	38.9	39		10	105

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Surrogate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168098BL	PB168098BL	Nitrobenzene-d5	100	75.0	75		49	133
		2-Fluorobiphenyl	100	77.3	77		52	132
		Terphenyl-d14	100	83.0	83		48	125
PB168098BS	PB168098BS	Nitrobenzene-d5	100	72.8	73		49	133
		2-Fluorobiphenyl	100	76.3	76		52	132
		Terphenyl-d14	100	77.9	78		48	125
PB168098BSD	PB168098BSD	Nitrobenzene-d5	100	73.9	74		49	133
		2-Fluorobiphenyl	100	76.8	77		52	132
		Terphenyl-d14	100	81.5	81		48	125
Q2075-07	FB-05152025	Nitrobenzene-d5	100	66.0	66		49	133
		2-Fluorobiphenyl	100	63.0	63		52	132
		Terphenyl-d14	100	83.4	83		48	125
Q2075-08	FB-05162025	Nitrobenzene-d5	100	73.7	74		49	133
		2-Fluorobiphenyl	100	74.4	74		52	132
		Terphenyl-d14	100	89.5	90		48	125

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2075-04MS		**Client Sample ID:** SS-11MS						**DataFile:** BF142487.D			
Naphthalene	1900	0	1600	ug/Kg	84				72	110	
Acenaphthylene	1900	0	1600	ug/Kg	84				79	118	
Acenaphthene	1900	0	1800	ug/Kg	95				70	121	
Fluorene	1900	0	1700	ug/Kg	89				68	116	
Phenanthrene	1900	0	1600	ug/Kg	84				52	128	
Anthracene	1900	0	1700	ug/Kg	89				62	124	
Fluoranthene	1900	120	2200	ug/Kg	109				44	125	
Pyrene	1900	0	1300	ug/Kg	68				26	142	
Benzo(a)anthracene	1900	0	1700	ug/Kg	89				71	114	
Chrysene	1900	0	1600	ug/Kg	84				57	121	
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1900	0	1600	ug/Kg	84				57	134	
Benzo(a)pyrene	1900	0	1700	ug/Kg	89				70	142	
Indeno(1,2,3-cd)pyrene	1900	0	1400	ug/Kg	74				40	129	
Dibenz(a,h)anthracene	1900	0	1400	ug/Kg	74				43	123	
Benzo(g,h,i)perylene	1900	0	1300	ug/Kg	68				24	125	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2075-05MSD		**Client Sample ID:** SS-11MSD						**DataFile:** BF142488.D			
Naphthalene	1900	0	1600	ug/Kg	84		0		72	110	20
Acenaphthylene	1900	0	1600	ug/Kg	84		0		79	118	20
Acenaphthene	1900	0	1800	ug/Kg	95		0		70	121	20
Fluorene	1900	0	1600	ug/Kg	84		6		68	116	20
Phenanthrene	1900	0	1700	ug/Kg	89		6		52	128	20
Anthracene	1900	0	1700	ug/Kg	89		0		62	124	20
Fluoranthene	1900	120	2300	ug/Kg	115		5		44	125	20
Pyrene	1900	0	1300	ug/Kg	68		0		26	142	20
Benzo(a)anthracene	1900	0	1600	ug/Kg	84		6		71	114	20
Chrysene	1900	0	1600	ug/Kg	84		0		57	121	20
Benzo(b)fluoranthene	1900	0	1700	ug/Kg	89		12		67	121	20
Benzo(k)fluoranthene	1900	0	1700	ug/Kg	89		6		57	134	20
Benzo(a)pyrene	1900	0	1700	ug/Kg	89		0		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1400	ug/Kg	74		0		40	129	20
Dibenz(a,h)anthracene	1900	0	1300	ug/Kg	68		8		43	123	20
Benzo(g,h,i)perylene	1900	0	1300	ug/Kg	68		0		24	125	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BF142480.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168083BS	Naphthalene	1700	1400	ug/Kg	82				62	100	
	Acenaphthylene	1700	1300	ug/Kg	76				63	101	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BP024755.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168098BS	Naphthalene	50	43.0	ug/L	86				64	107	
	Acenaphthylene	50	42.4	ug/L	85				79	103	
	Acenaphthene	50	42.1	ug/L	84				59	113	
	Fluorene	50	44.1	ug/L	88				64	107	
	Phenanthrene	50	43.2	ug/L	86				62	109	
	Anthracene	50	44.5	ug/L	89				65	110	
	Fluoranthene	50	46.0	ug/L	92				64	110	
	Pyrene	50	44.5	ug/L	89				71	103	
	Benzo(a)anthracene	50	43.9	ug/L	88				62	107	
	Chrysene	50	44.1	ug/L	88				61	108	
	Benzo(b)fluoranthene	50	44.2	ug/L	88				77	113	
	Benzo(k)fluoranthene	50	44.0	ug/L	88				77	105	
	Benzo(a)pyrene	50	44.8	ug/L	90				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.7	ug/L	91				72	105	
	Dibenz(a,h)anthracene	50	46.0	ug/L	92				78	115	
	Benzo(g,h,i)perylene	50	44.9	ug/L	90				75	118	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2075

Client: CDM Smith

Analytical Method: 8270E **DataFile:** BP024756.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168098BSD	Naphthalene	50	43.4	ug/L	87	1			64	107	20
	Acenaphthylene	50	43.6	ug/L	87	3			79	103	20
	Acenaphthene	50	43.5	ug/L	87	3			59	113	20
	Fluorene	50	44.9	ug/L	90	2			64	107	20
	Phenanthrene	50	44.0	ug/L	88	2			62	109	20
	Anthracene	50	45.1	ug/L	90	1			65	110	20
	Fluoranthene	50	45.8	ug/L	92	0			64	110	20
	Pyrene	50	45.6	ug/L	91	2			71	103	20
	Benzo(a)anthracene	50	45.5	ug/L	91	4			62	107	20
	Chrysene	50	44.4	ug/L	89	1			61	108	20
	Benzo(b)fluoranthene	50	46.7	ug/L	93	6			77	113	20
	Benzo(k)fluoranthene	50	45.6	ug/L	91	4			77	105	20
	Benzo(a)pyrene	50	46.1	ug/L	92	3			72	131	20
	Indeno(1,2,3-cd)pyrene	50	44.8	ug/L	90	2			72	105	20
	Dibenz(a,h)anthracene	50	45.2	ug/L	90	2			78	115	20
	Benzo(g,h,i)perylene	50	43.9	ug/L	88	2			75	118	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168083BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BF142479.D Lab Sample ID: PB168083BL

Instrument ID: BNA_F Date Extracted: 05/20/2025

Matrix: (soil/water) SOIL Date Analyzed: 05/21/2025

Level: (low/med) LOW Time Analyzed: 11:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168083BS	PB168083BS	BF142480.D	05/21/2025
SS-11	Q2075-03	BF142486.D	05/21/2025
SS-11MS	Q2075-04MS	BF142487.D	05/21/2025
SS-11MSD	Q2075-05MSD	BF142488.D	05/21/2025
SS-MW1-11.5	Q2075-06	BF142489.D	05/21/2025
SS-10	Q2075-01	BF142510.D	05/22/2025
SS-910	Q2075-02	BF142511.D	05/22/2025

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168098BL

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BP024754.D Lab Sample ID: PB168098BL

Instrument ID: BNA_P Date Extracted: 05/21/2025

Matrix: (soil/water) Water Date Analyzed: 05/22/2025

Level: (low/med) LOW Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168098BS	PB168098BS	BP024755.D	05/22/2025
PB168098BSD	PB168098BSD	BP024756.D	05/22/2025
FB-05152025	Q2075-07	BP024758.D	05/22/2025
FB-05162025	Q2075-08	BP024748.D	05/21/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BF142465.D DFTPP Injection Date: 05/20/2025

Instrument ID: BNA_F DFTPP Injection Time: 11:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.8
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	33.1
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	44.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	19.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19 (19) 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	BF142467.D	05/20/2025	12:10
SSTDICC005	SSTDICC005	BF142468.D	05/20/2025	12:38
SSTDICC010	SSTDICC010	BF142469.D	05/20/2025	13:07
SSTDICC020	SSTDICC020	BF142470.D	05/20/2025	13:36
SSTDICCC040	SSTDICCC040	BF142471.D	05/20/2025	14:05
SSTDICC050	SSTDICC050	BF142472.D	05/20/2025	14:34
SSTDICC060	SSTDICC060	BF142473.D	05/20/2025	15:03
SSTDICC080	SSTDICC080	BF142474.D	05/20/2025	15:31

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BF142477.D DFTPP Injection Date: 05/21/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40.0
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	34.9
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	46.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.1
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	18.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BF142478.D	05/21/2025	10:40
PB168083BL	PB168083BL	BF142479.D	05/21/2025	11:09
PB168083BS	PB168083BS	BF142480.D	05/21/2025	11:37
SS-11	Q2075-03	BF142486.D	05/21/2025	14:37
SS-11MS	Q2075-04MS	BF142487.D	05/21/2025	15:06
SS-11MSD	Q2075-05MSD	BF142488.D	05/21/2025	15:34
SS-MW1-11.5	Q2075-06	BF142489.D	05/21/2025	16:03

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SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BF142501.D DFTPP Injection Date: 05/22/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.5
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	33.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	46.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.3
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	20.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.7 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142502.D	05/22/2025	11:11
SS-10	Q2075-01	BF142510.D	05/22/2025	15:07
SS-910	Q2075-02	BF142511.D	05/22/2025	15:36

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BP024613.D DFTPP Injection Date: 05/13/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.5
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	36.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	33.1
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	19.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 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	BP024614.D	05/13/2025	10:41
SSTDICC005	SSTDICC005	BP024615.D	05/13/2025	11:22
SSTDICC010	SSTDICC010	BP024616.D	05/13/2025	12:03
SSTDICC020	SSTDICC020	BP024617.D	05/13/2025	12:43
SSTDICCC040	SSTDICCC040	BP024618.D	05/13/2025	13:24
SSTDICC050	SSTDICC050	BP024619.D	05/13/2025	14:05
SSTDICC060	SSTDICC060	BP024620.D	05/13/2025	14:45
SSTDICC080	SSTDICC080	BP024621.D	05/13/2025	15:26

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BP024736.D DFTPP Injection Date: 05/21/2025

Instrument ID: BNA_P DFTPP Injection Time: 12:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.7
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	33.9
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	33.3
365	Greater than 1% of mass 198	5.6
441	Present, but less than mass 443	22.0
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024737.D	05/21/2025	14:48
FB-05162025	Q2075-08	BP024748.D	05/21/2025	22:18

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM SAS No.: Q2075 SDG NO.: Q2075

Lab File ID: BP024752.D DFTPP Injection Date: 05/22/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.1
68	Less than 2.0% of mass 69	0.3 (1.3) 1
69	Mass 69 relative abundance	32.0
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	46.0
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 60.0% of mass 198	33.7
365	Greater than 1% of mass 198	5.4
441	Present, but less than mass 443	22.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024753.D	05/22/2025	10:56
PB168098BL	PB168098BL	BP024754.D	05/22/2025	11:37
PB168098BS	PB168098BS	BP024755.D	05/22/2025	12:18
PB168098BSD	PB168098BSD	BP024756.D	05/22/2025	12:58
FB-05152025	Q2075-07	BP024758.D	05/22/2025	14:19

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BF142478.D Time Analyzed: 10:40

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	124102	6.898	475212	8.19	258765	9.94
	UPPER LIMIT	248204	7.398	950424	8.686	517530	10.439
	LOWER LIMIT	62051	6.398	237606	7.686	129383	9.439
	EPA SAMPLE NO.						
01	PB168083BL	127003	6.90	492428	8.18	264579	9.94
02	PB168083BS	124824	6.90	495438	8.19	277044	9.94
03	SS-11	63588	6.90	238505	8.18	131818	9.94
04	SS-11MS	54835 *	6.90	200654 *	8.18	113830 *	9.94
05	SS-11MSD	53473 *	6.90	192497 *	8.18	95696 *	9.94
06	SS-MW1-11.5	59263 *	6.90	206974 *	8.18	103588 *	9.94

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: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BF142478.D Time Analyzed: 10:40

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	454448	11.427	231233	14.068	233183	15.562
	UPPER LIMIT	908896	11.927	462466	14.568	466366	16.062
	LOWER LIMIT	227224	10.927	115617	13.568	116592	15.062
	EPA SAMPLE NO.						
01	PB168083BL	511963	11.43	324877	14.07	234653	15.56
02	PB168083BS	468851	11.43	214548	14.07	229705	15.56
03	SS-11	250730	11.43	246437	14.07	209013	15.56
04	SS-11MS	229012	11.43	210926	14.07	176162	15.56
05	SS-11MSD	179294 *	11.43	174160	14.07	147670	15.56
06	SS-MW1-11.5	179364 *	11.42	153166	14.06	125915	15.56

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BF142502.D Time Analyzed: 11:11

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	96659	6.898	372701	8.19	197309	9.94
	UPPER LIMIT	193318	7.398	745402	8.687	394618	10.439
	LOWER LIMIT	48329.5	6.398	186351	7.687	98654.5	9.439
	EPA SAMPLE NO.						
01	SS-10	120361	6.90	452635	8.18	223139	9.93
02	SS-910	116551	6.90	418491	8.18	190753	9.93

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: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BF142502.D Time Analyzed: 11:11

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	315055	11.428	157895	14.069	195527	15.557
	UPPER LIMIT	630110	11.928	315790	14.569	391054	16.057
	LOWER LIMIT	157528	10.928	78947.5	13.569	97763.5	15.057
	EPA SAMPLE NO.						
01	SS-10	308296	11.42	228905	14.06	198076	15.56
02	SS-910	271357	11.42	225312	14.06	176642	15.56

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

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

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

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BP024737.D Time Analyzed: 14:48

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	128557	7.646	504282	10.42	338214	14.29
	UPPER LIMIT	257114	8.146	1008560	10.916	676428	14.787
	LOWER LIMIT	64278.5	7.146	252141	9.916	169107	13.787
	EPA SAMPLE NO.						
01	FB-05162025	87679	7.65	325514	10.42	217493	14.29

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: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/21/2025

Lab File ID: BP024737.D Time Analyzed: 14:48

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	643332	17.081	728456	21.51	831576	24.786
	UPPER LIMIT	1286660	17.581	1456910	22.01	1663150	25.286
	LOWER LIMIT	321666	16.581	364228	21.01	415788	24.286
	EPA SAMPLE NO.						
01	FB-05162025	457611	17.09	547413	21.51	671507	24.80

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024753.D Time Analyzed: 10:56

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	103714	7.652	424752	10.42	258861	14.28
	UPPER LIMIT	207428	8.152	849504	10.922	517722	14.781
	LOWER LIMIT	51857	7.152	212376	9.922	129431	13.781
	EPA SAMPLE NO.						
01	PB168098BL	115351	7.65	453620	10.42	285428	14.29
02	PB168098BS	114889	7.65	451979	10.42	283120	14.29
03	PB168098BSD	126327	7.65	523024	10.42	338733	14.29
04	FB-05152025	103638	7.65	395386	10.42	244728	14.29

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: CHEMTECH

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG NO.: Q2075

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/22/2025

Lab File ID: BP024753.D Time Analyzed: 10:56

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	515151	17.075	613668	21.516	759397	24.792
	UPPER LIMIT	1030300	17.575	1227340	22.016	1518790	25.292
	LOWER LIMIT	257576	16.575	306834	21.016	379699	24.292
	EPA SAMPLE NO.						
01	PB168098BL	613349	17.09	715536	21.52	855120	24.82
02	PB168098BS	568580	17.09	655197	21.52	754804	24.82
03	PB168098BSD	686645	17.09	768545	21.51	835982	24.79
04	FB-05152025	486633	17.09	599957	21.52	736321	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

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-10	SDG No.:	Q2075
Lab Sample ID:	Q2075-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142510.D	1	05/20/25 09:45	05/22/25 15:07	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	210	U	28.4	210	ug/Kg
208-96-8	Acenaphthylene	210	U	36.2	210	ug/Kg
83-32-9	Acenaphthene	210	U	26.7	210	ug/Kg
86-73-7	Fluorene	210	U	31.7	210	ug/Kg
85-01-8	Phenanthrene	830		26.2	210	ug/Kg
120-12-7	Anthracene	110	J	41.7	210	ug/Kg
206-44-0	Fluoranthene	1200		37.6	210	ug/Kg
129-00-0	Pyrene	660		45.1	210	ug/Kg
56-55-3	Benzo(a)anthracene	420		28.8	210	ug/Kg
218-01-9	Chrysene	490		24.9	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		23.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		28.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	350		37.0	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	36.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	34.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	32.2	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	43.6		18 - 107	44%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.5		20 - 109	38%	SPK: 100
1718-51-0	Terphenyl-d14	29.7		10 - 105	30%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	120000	6.898			
1146-65-2	Naphthalene-d8	453000	8.18			
15067-26-2	Acenaphthene-d10	223000	9.933			
1517-22-2	Phenanthrene-d10	308000	11.421			
1719-03-5	Chrysene-d12	229000	14.062			
1520-96-3	Perylene-d12	198000	15.556			

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-10	SDG No.:	Q2075
Lab Sample ID:	Q2075-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	79.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142510.D	1	05/20/25 09:45	05/22/25 15:07	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142510.D
Acq On : 22 May 2025 15:07
Operator : RC/JU
Sample : Q2075-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-10

Quant Time: May 22 15:26:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

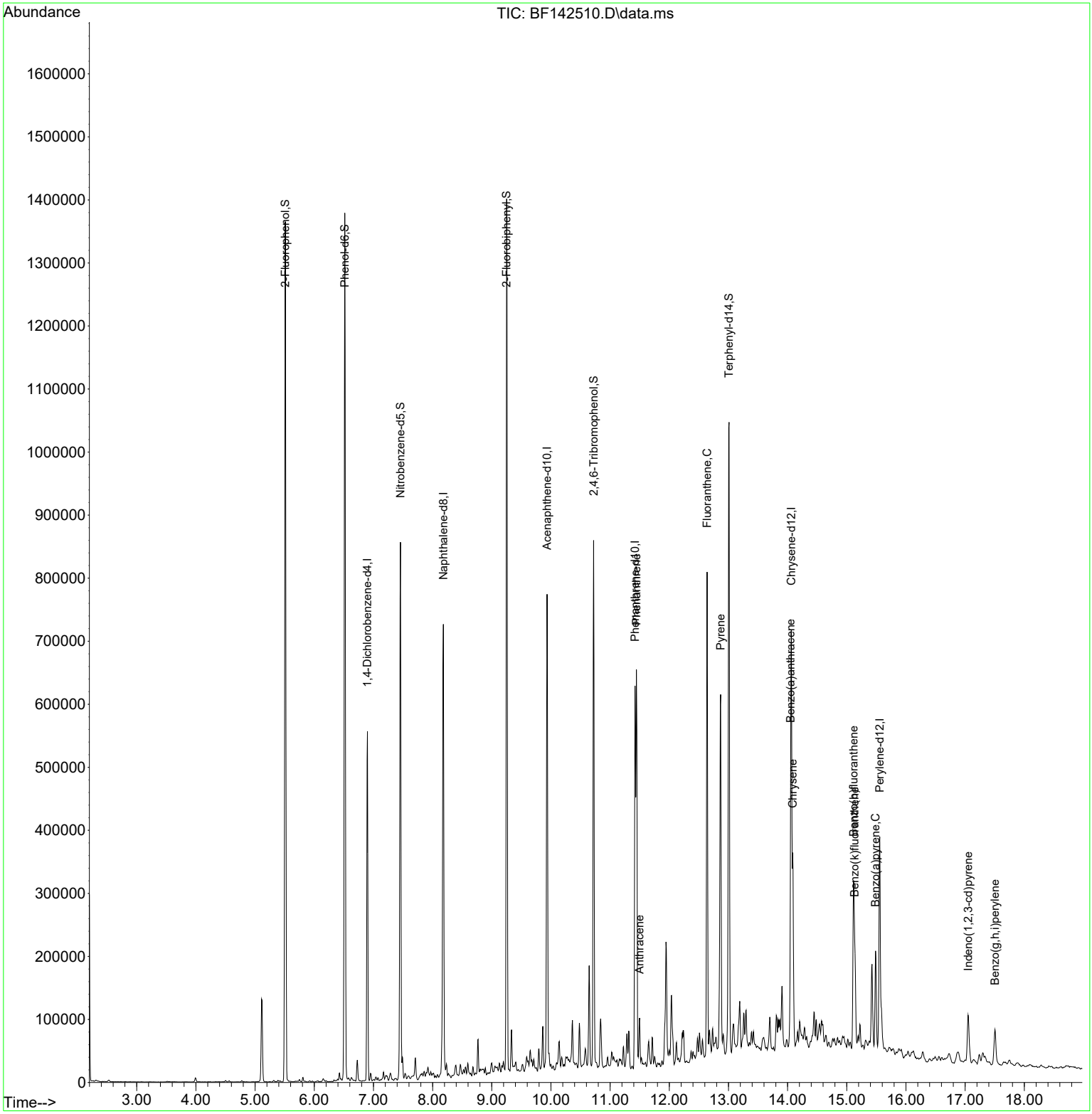
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	120361	20.000	ng		0.00
21) Naphthalene-d8	8.180	136	452635	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	223139	20.000	ng		-0.01
64) Phenanthrene-d10	11.421	188	308296	20.000	ng		-0.01
76) Chrysene-d12	14.062	240	228905	20.000	ng		-0.01
86) Perylene-d12	15.556	264	198076	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	515432	72.148	ng		0.00
7) Phenol-d6	6.516	99	644302	74.920	ng		-0.02
23) Nitrobenzene-d5	7.457	82	362216	43.636	ng		-0.02
42) 2,4,6-Tribromophenol	10.721	330	141234	57.028	ng		-0.02
45) 2-Fluorobiphenyl	9.251	172	624297	37.543	ng		-0.02
79) Terphenyl-d14	13.010	244	497370	29.693	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.445	178	326802	19.835	ng		99
72) Anthracene	11.498	178	44324	2.636	ng		100
75) Fluoranthene	12.639	202	432290	28.080	ng		99
78) Pyrene	12.868	202	338481	15.851	ng		99
81) Benzo(a)anthracene	14.051	228	152272	9.962	ng		98
83) Chrysene	14.086	228	162130	11.804	ng		98
87) Indeno(1,2,3-cd)pyrene	17.050	276	56848	3.823	ng		96
88) Benzo(b)fluoranthene	15.115	252	180867m	15.428	ng		
89) Benzo(k)fluoranthene	15.133	252	58843m	5.359	ng		
90) Benzo(a)pyrene	15.486	252	92107	8.335	ng	#	97
92) Benzo(g,h,i)perylene	17.503	276	49747	4.124	ng		97

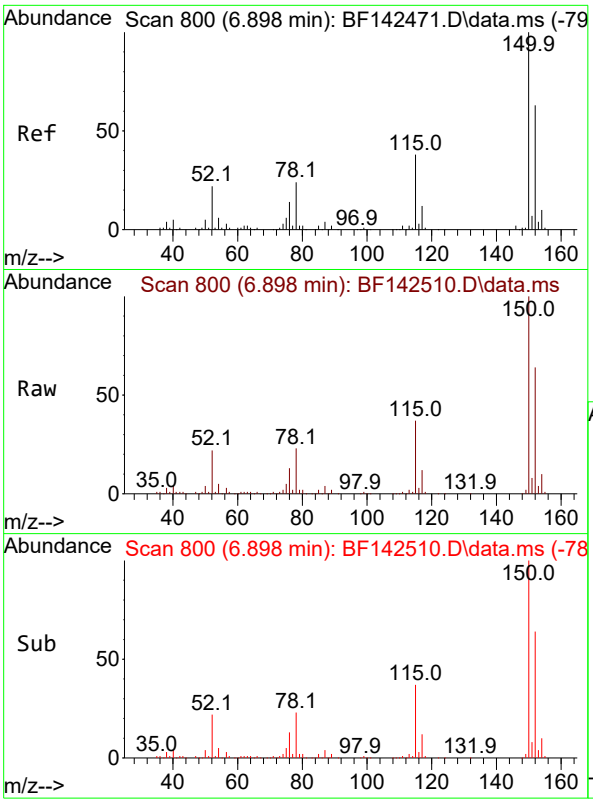
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142510.D
Acq On : 22 May 2025 15:07
Operator : RC/JU
Sample : Q2075-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-10

Quant Time: May 22 15:26:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



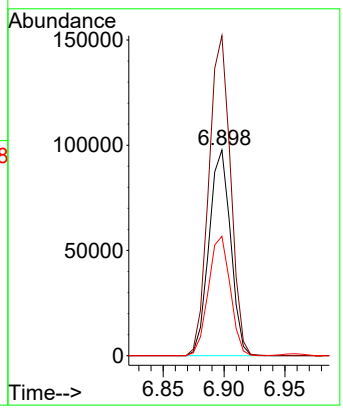


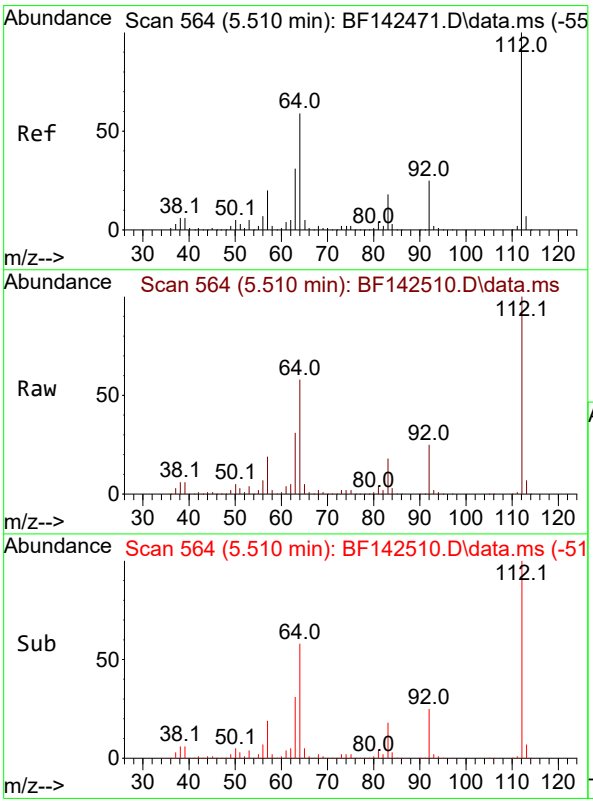
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:152 Resp: 120361

Ion	Ratio	Lower	Upper
152	100		
150	155.6	128.2	192.4
115	58.0	48.3	72.5

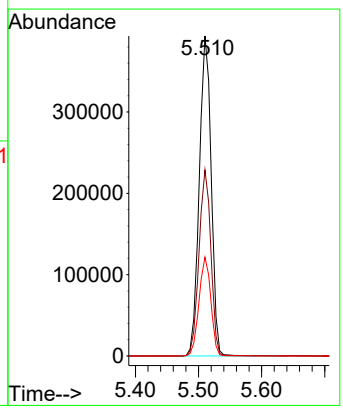


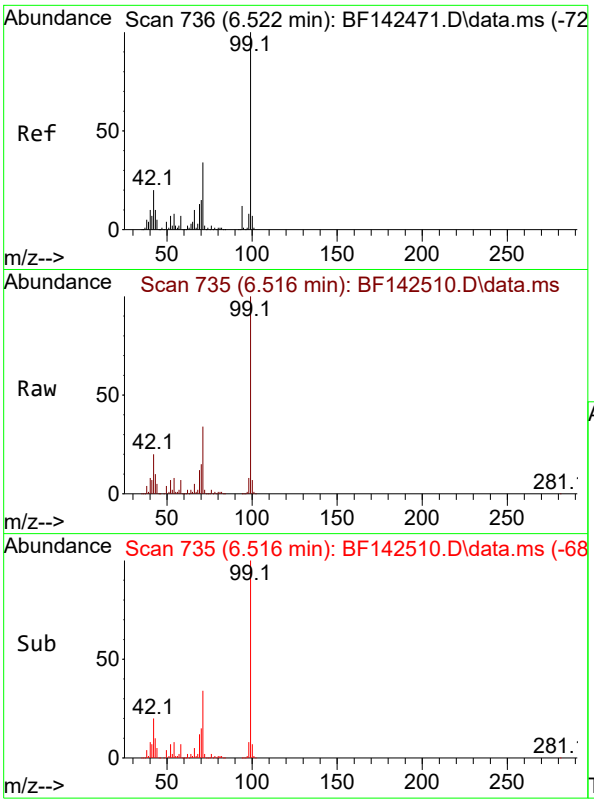


#5
2-Fluorophenol
Concen: 72.148 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:112 Resp: 515432

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.5	71.3
63	30.8	24.9	37.3



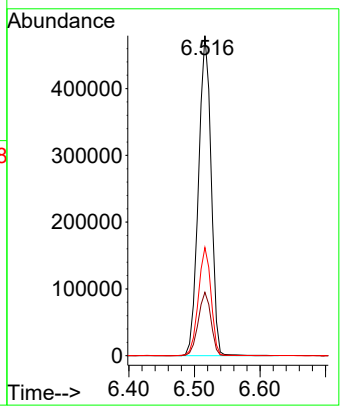


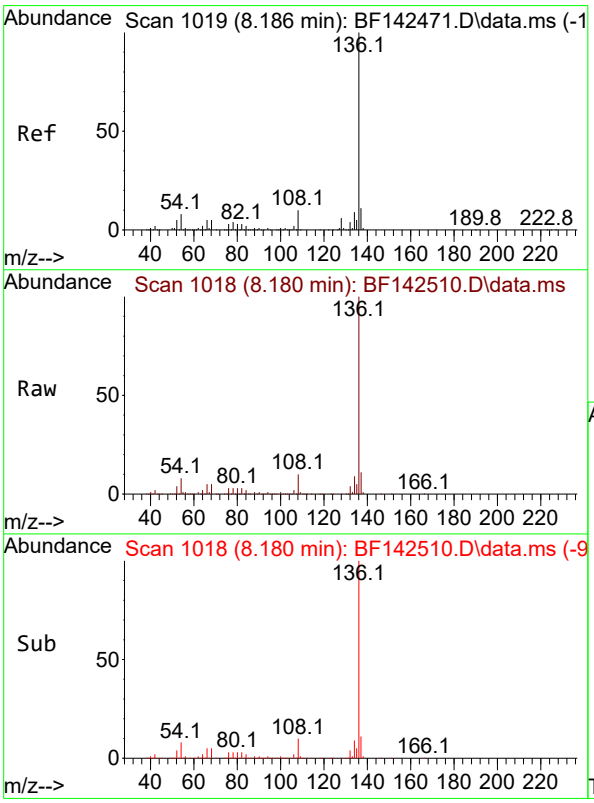
#7
Phenol-d6
Concen: 74.920 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 99 Resp: 644302

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.8	27.3	40.9

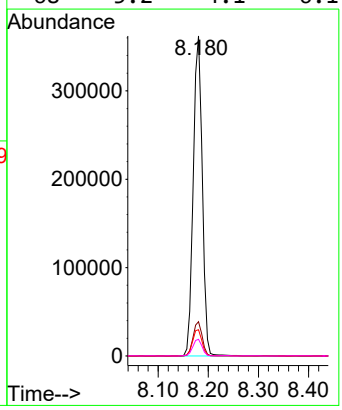


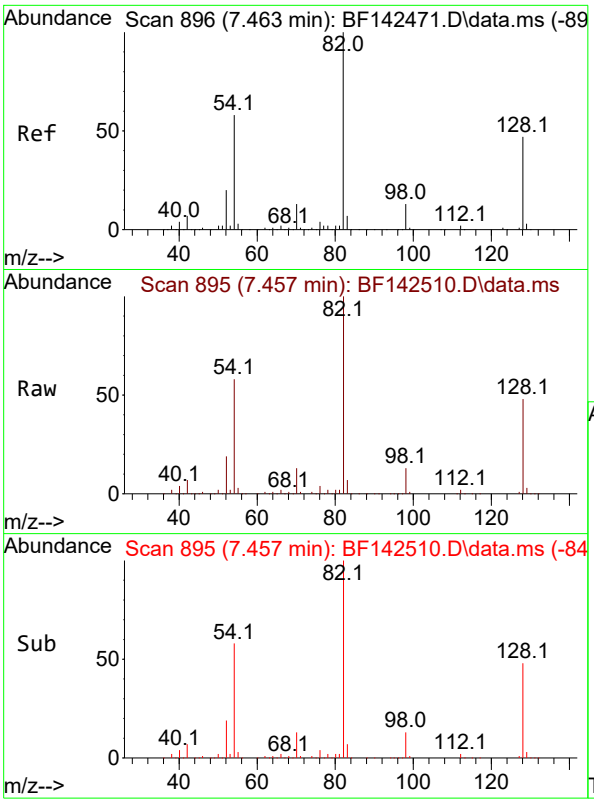


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:136 Resp: 452635

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.6	10.0
68	5.2	4.1	6.1



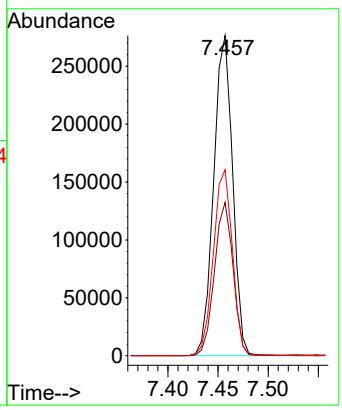


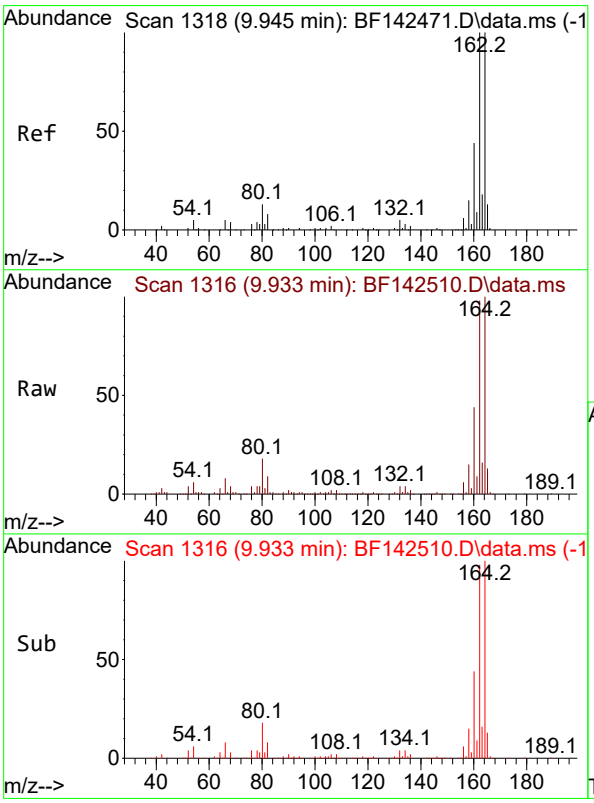
#23
Nitrobenzene-d5
Concen: 43.636 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion: 82 Resp: 362216

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	58.1	46.6	70.0

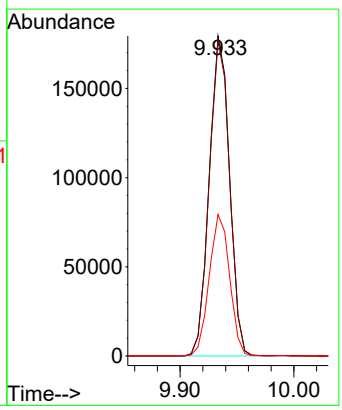


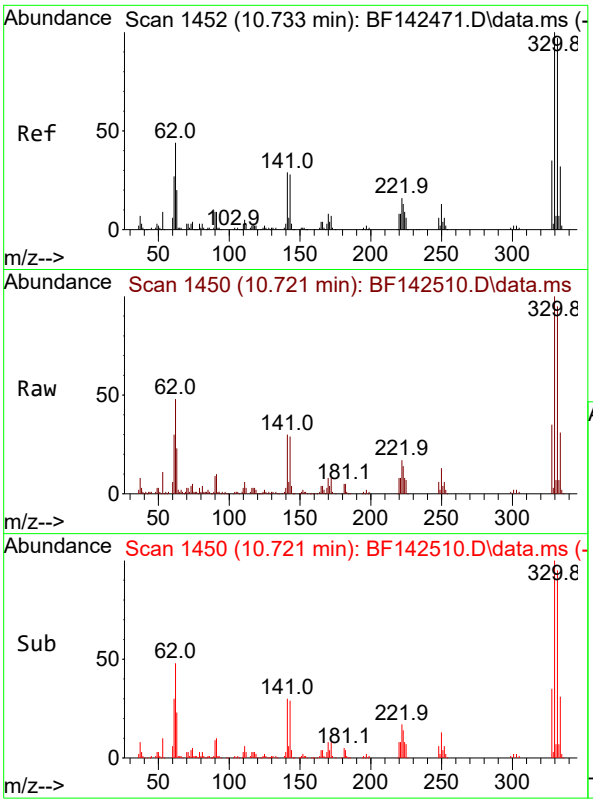


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:164 Resp: 223139

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.4
160	44.2	35.6	53.4



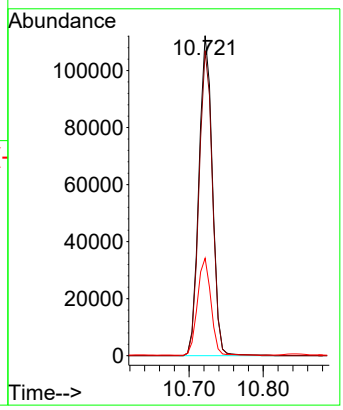


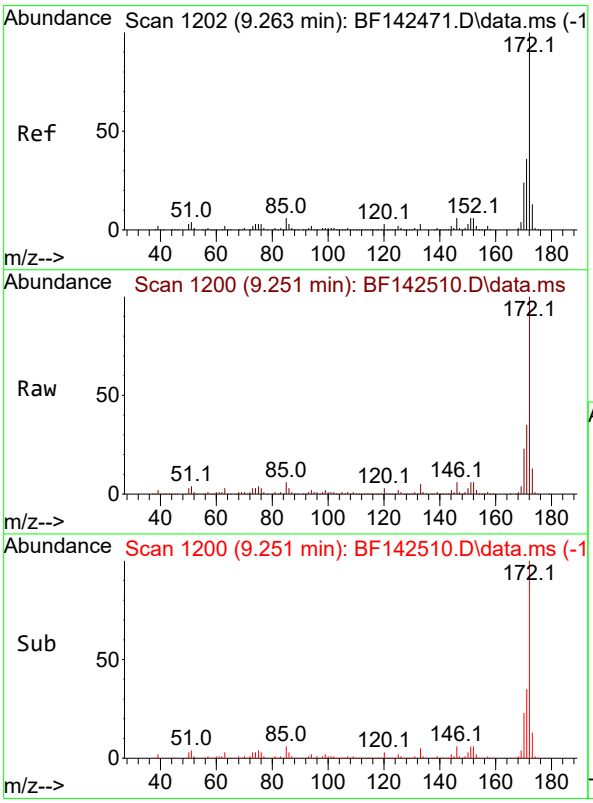
#42
2,4,6-Tribromophenol
Concen: 57.028 ng
RT: 10.721 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:330 Resp: 141234

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.6	116.4
141	30.3	24.6	36.8

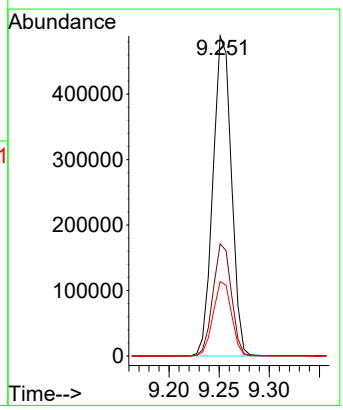


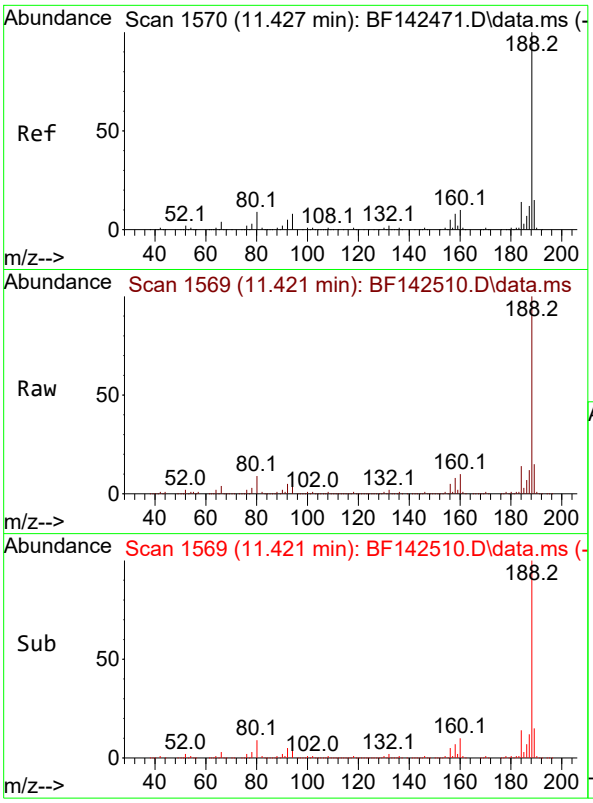


#45
2-Fluorobiphenyl
Concen: 37.543 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:172 Resp: 624297

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.3	18.9	28.3



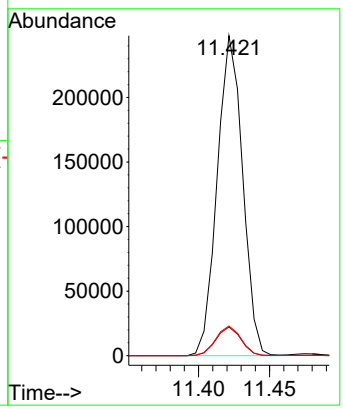


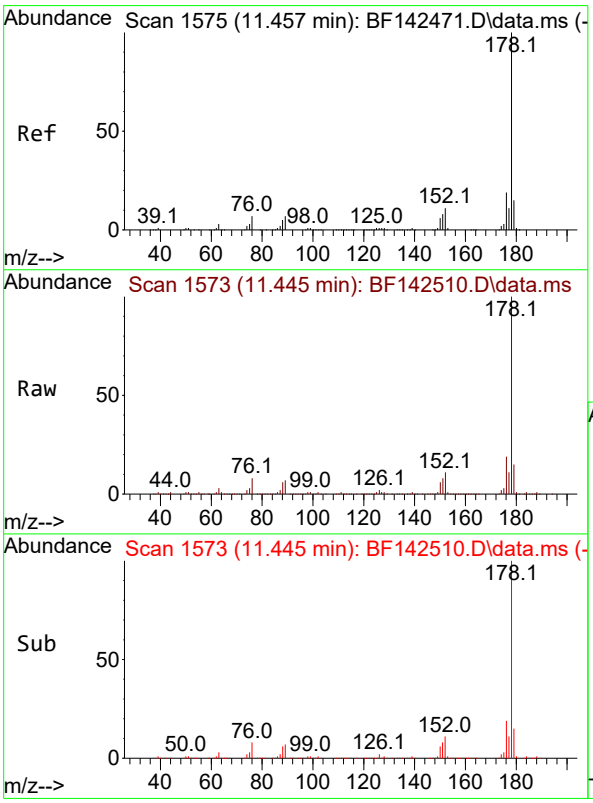
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:188 Resp: 308296

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.3	7.4	11.0

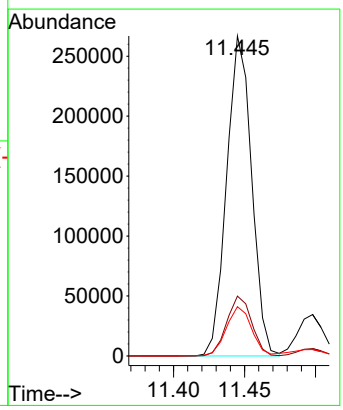


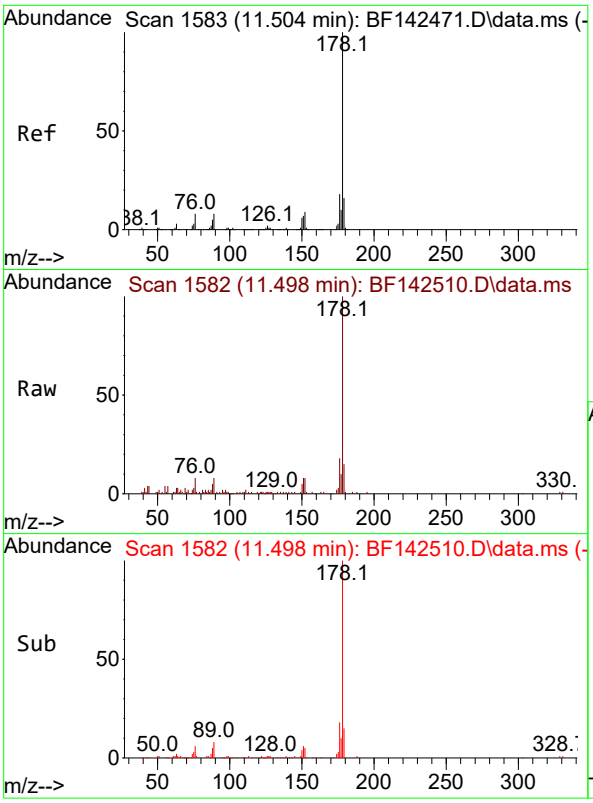


#71
Phenanthrene
Concen: 19.835 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:178 Resp: 326802

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.4	12.3	18.5



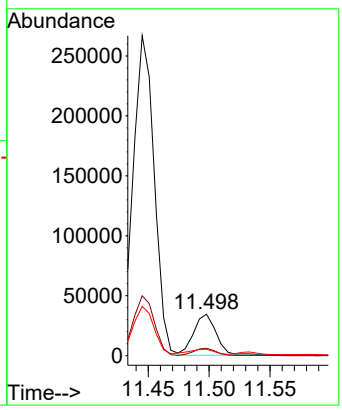


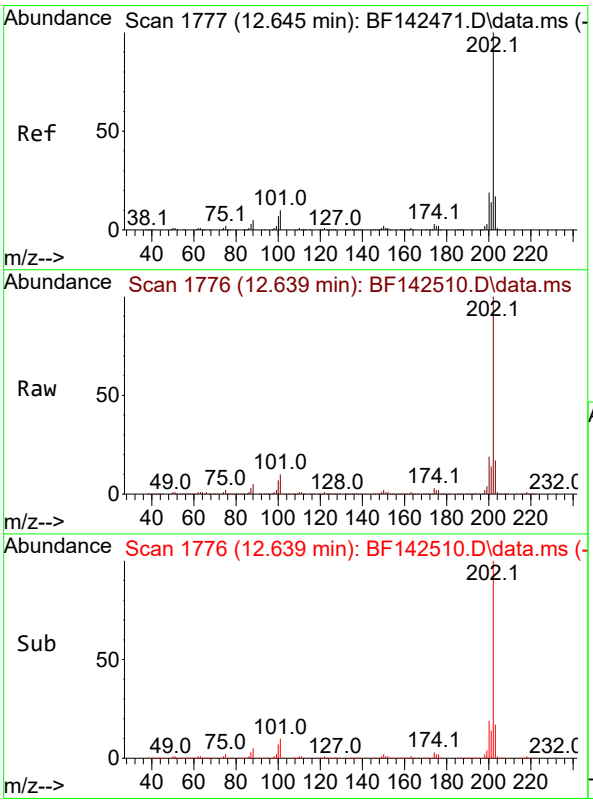
#72
Anthracene
Concen: 2.636 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:178 Resp: 44324

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.5	12.4	18.6

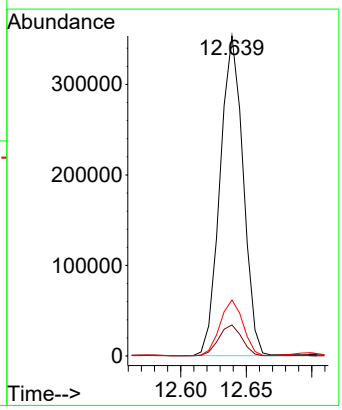


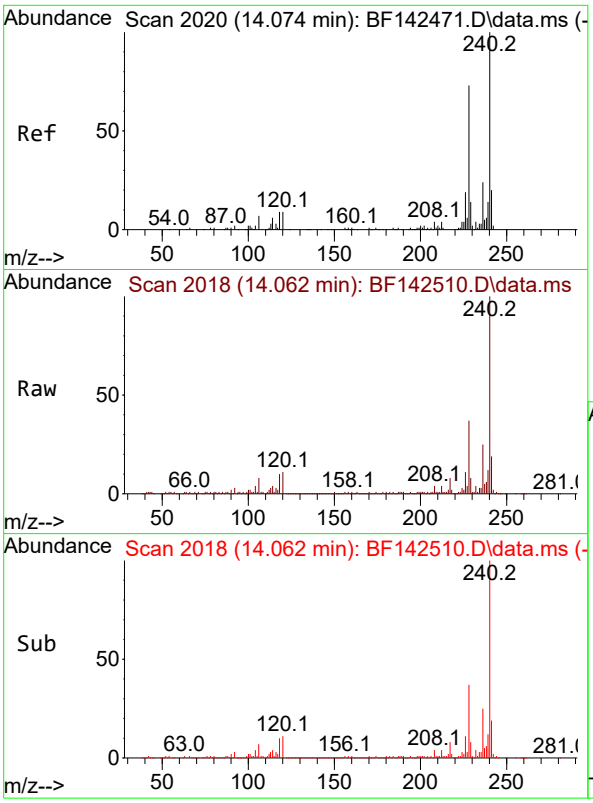


#75
Fluoranthene
Concen: 28.080 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:202 Resp: 432290

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.6
203	17.5	0.0	37.2



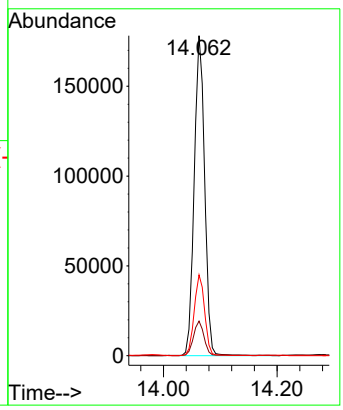


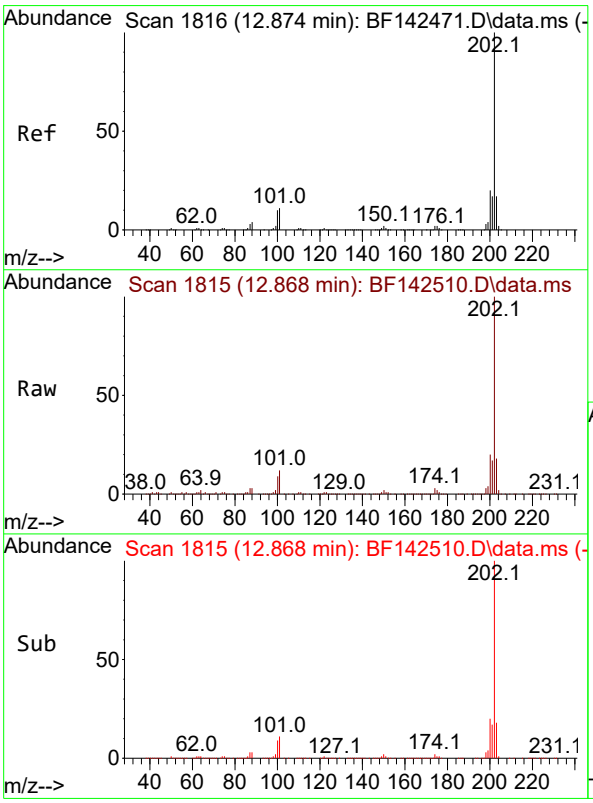
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:240 Resp: 228905

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	25.2	19.6	29.4

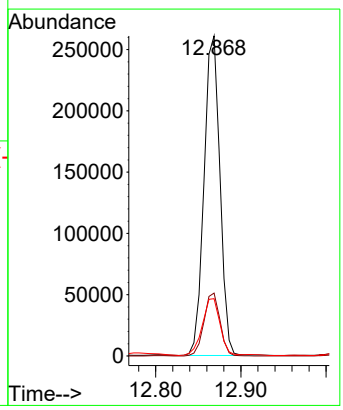


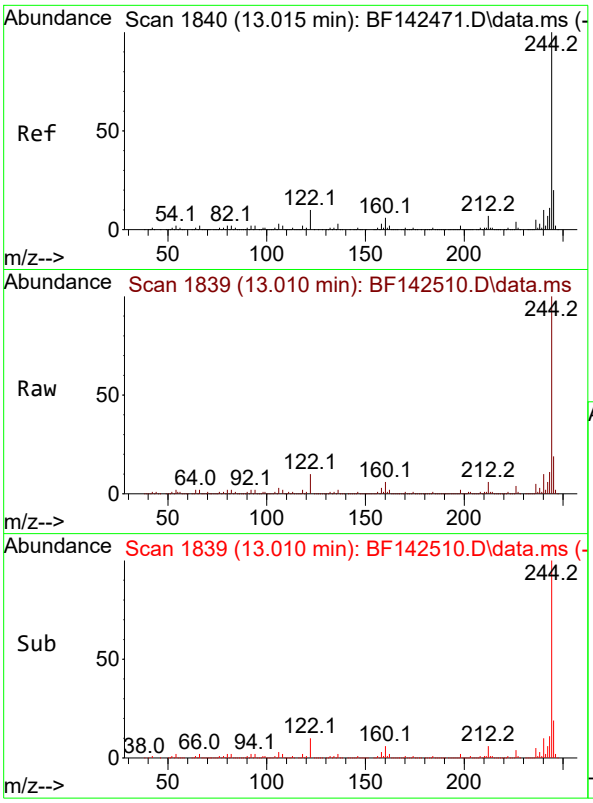


#78
Pyrene
Concen: 15.851 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:202 Resp: 338481

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.1	24.1
203	17.9	13.9	20.9



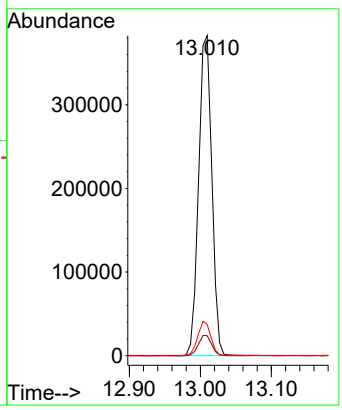


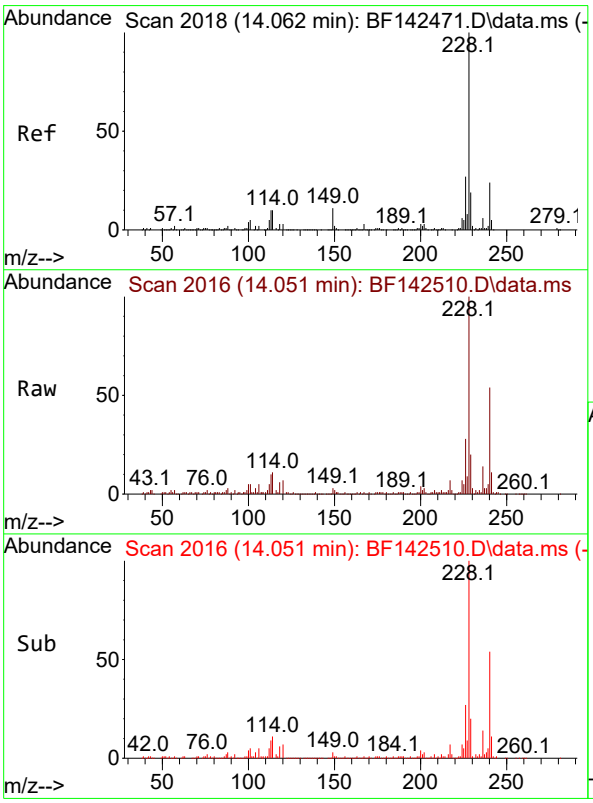
#79
Terphenyl-d14
Concen: 29.693 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:244 Resp: 497370

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	9.8	8.2	12.2

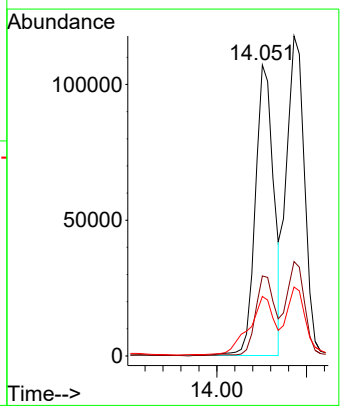


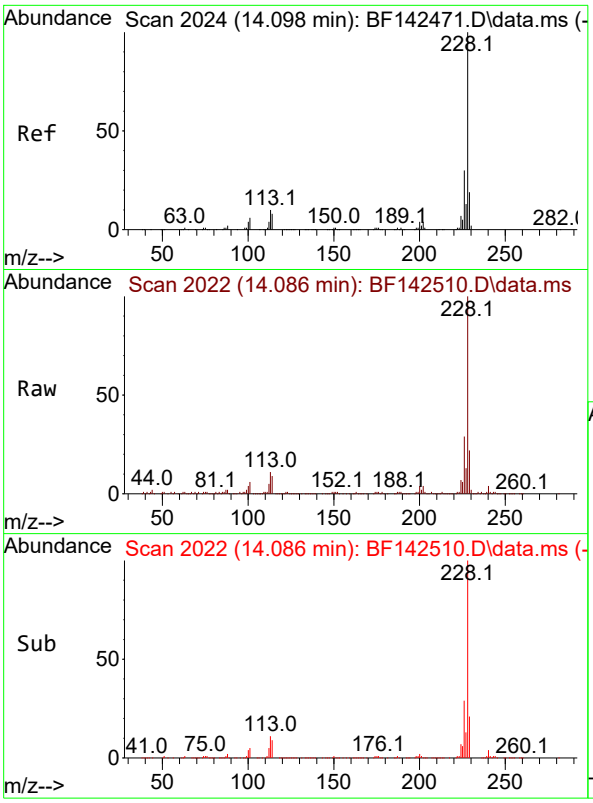


#81
Benzo(a)anthracene
Concen: 9.962 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:228 Resp: 152272

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	20.4	15.5	23.3



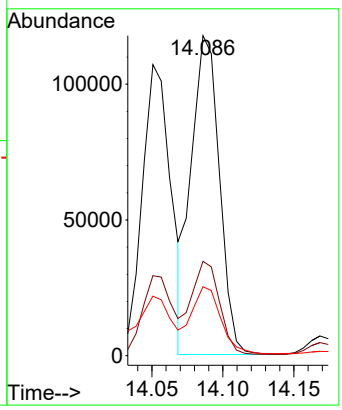


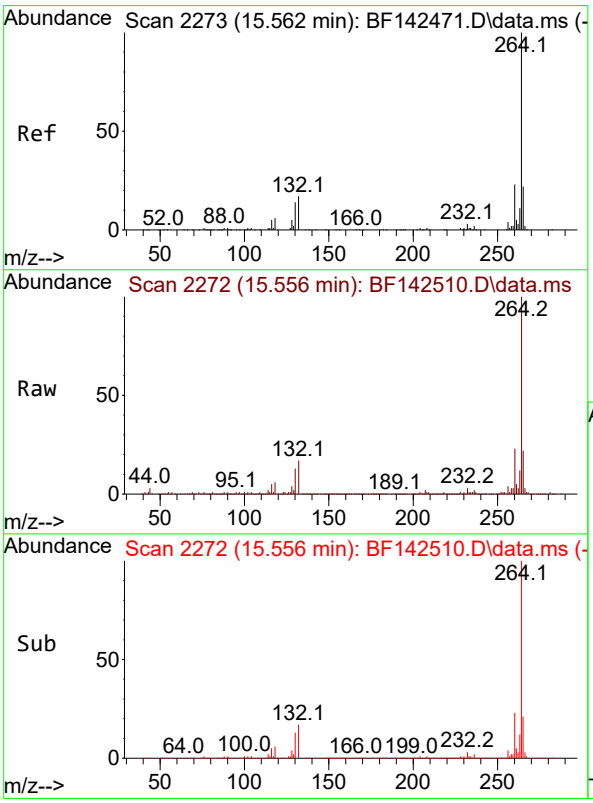
#83
Chrysene
Concen: 11.804 ng
RT: 14.086 min Scan# 2(
Delta R.T. -0.018 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:228 Resp: 162130

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	21.6	15.4	23.2

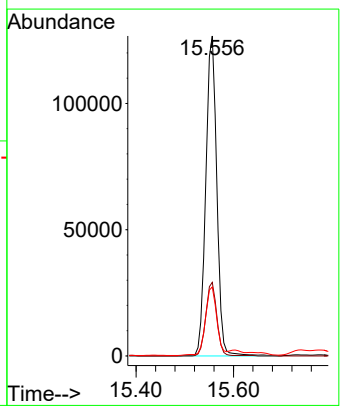


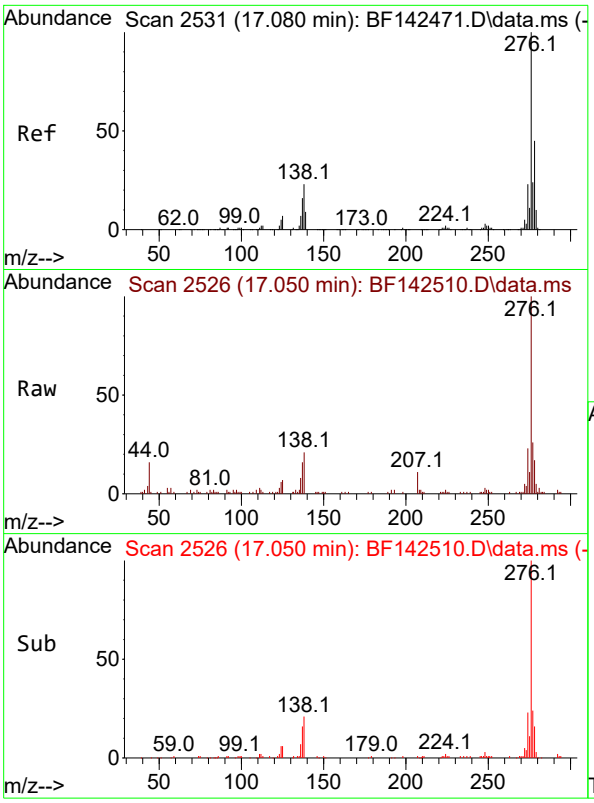


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:264 Resp: 198076

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.5	17.7	26.5



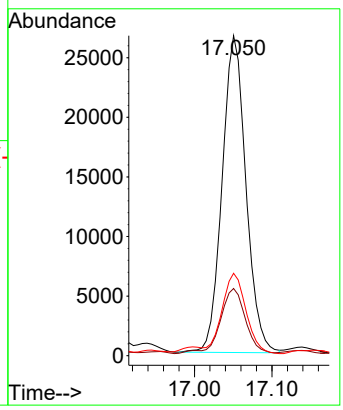


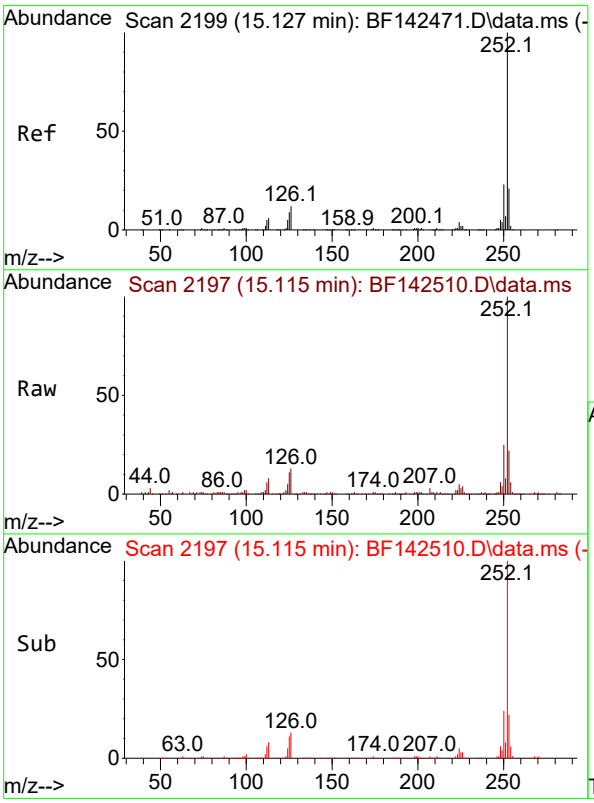
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.823 ng
RT: 17.050 min Scan# 2
Delta R.T. -0.041 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:276 Resp: 56848

Ion	Ratio	Lower	Upper
276	100		
138	22.2	19.9	29.9
277	26.3	20.2	30.2

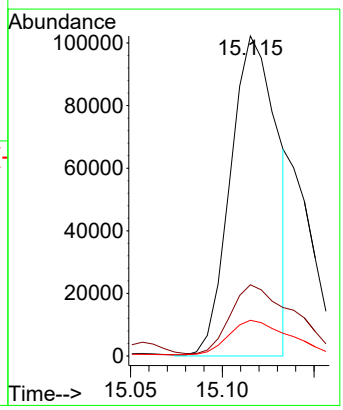


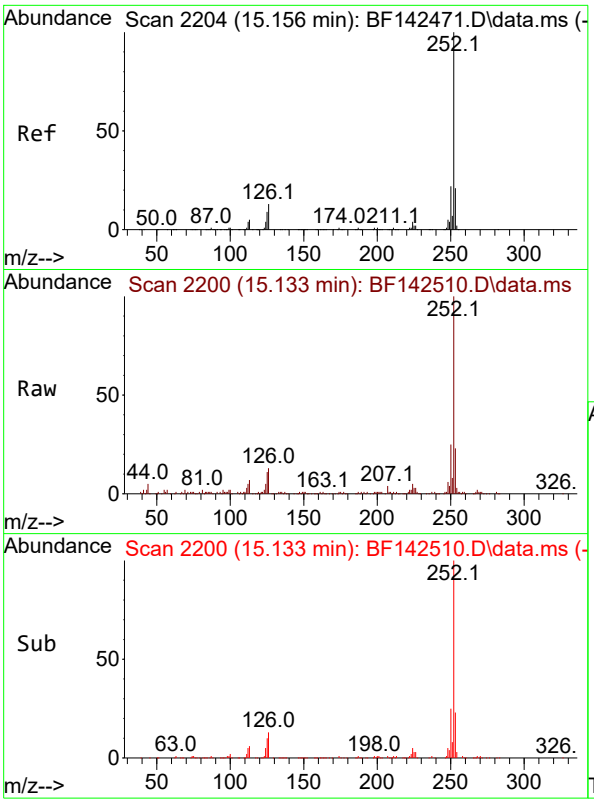


#88
Benzo(b)fluoranthene
Concen: 15.428 ng m
RT: 15.115 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:252 Resp: 180867

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.2	7.4	11.0#



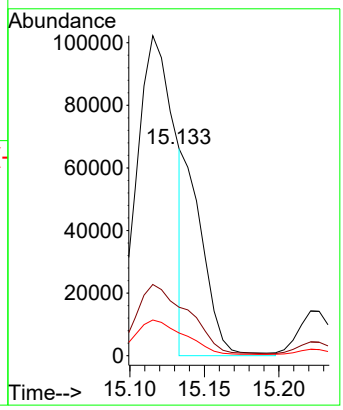


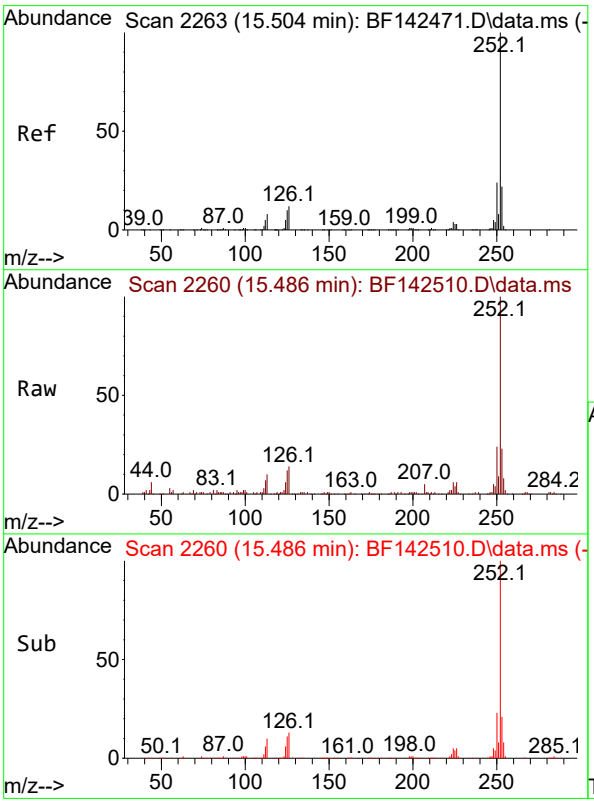
#89
Benzo(k)fluoranthene
Concen: 5.359 ng m
RT: 15.133 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:252 Resp: 58843

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	11.0	7.3	10.9#

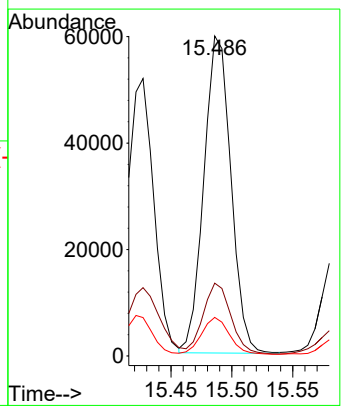


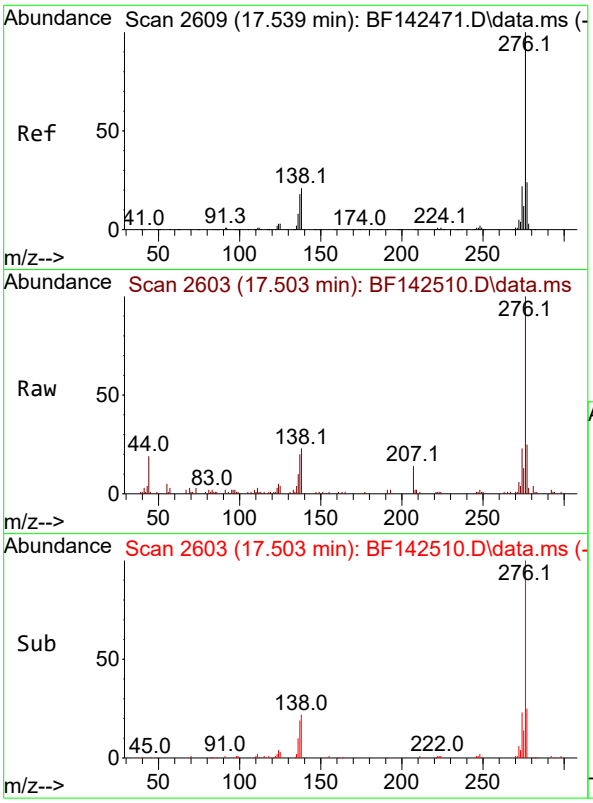


#90
Benzo(a)pyrene
Concen: 8.335 ng
RT: 15.486 min Scan# 2260
Delta R.T. -0.024 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Tgt Ion:252 Resp: 92107

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.0	7.9	11.9#



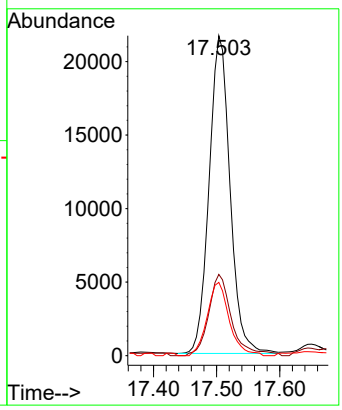


#92
Benzo(g,h,i)perylene
Concen: 4.124 ng
RT: 17.503 min Scan# 2
Delta R.T. -0.053 min
Lab File: BF142510.D
Acq: 22 May 2025 15:07

Instrument :
BNA_F
ClientSampleId :
SS-10

Tgt Ion:276 Resp: 49747

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.2	28.8
138	22.9	16.8	25.2



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-910	SDG No.:	Q2075
Lab Sample ID:	Q2075-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142511.D	1	05/20/25 09:45	05/22/25 15:36	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	210	U	27.9	210	ug/Kg
208-96-8	Acenaphthylene	210	U	35.5	210	ug/Kg
83-32-9	Acenaphthene	210	U	26.1	210	ug/Kg
86-73-7	Fluorene	210	U	31.1	210	ug/Kg
85-01-8	Phenanthrene	440		25.7	210	ug/Kg
120-12-7	Anthracene	210	U	40.9	210	ug/Kg
206-44-0	Fluoranthene	940		36.8	210	ug/Kg
129-00-0	Pyrene	490		44.2	210	ug/Kg
56-55-3	Benzo(a)anthracene	290		28.2	210	ug/Kg
218-01-9	Chrysene	320		24.4	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		23.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	27.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	310		36.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	35.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	33.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	31.5	210	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	49.5		18 - 107	49%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.1		20 - 109	43%	SPK: 100
1718-51-0	Terphenyl-d14	35.4		10 - 105	35%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	117000	6.898			
1146-65-2	Naphthalene-d8	418000	8.181			
15067-26-2	Acenaphthene-d10	191000	9.934			
1517-22-2	Phenanthrene-d10	271000	11.422			
1719-03-5	Chrysene-d12	225000	14.063			
1520-96-3	Perylene-d12	177000	15.557			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-910	SDG No.:	Q2075
Lab Sample ID:	Q2075-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	81.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142511.D	1	05/20/25 09:45	05/22/25 15:36	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

Quant Time: May 22 16:00:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

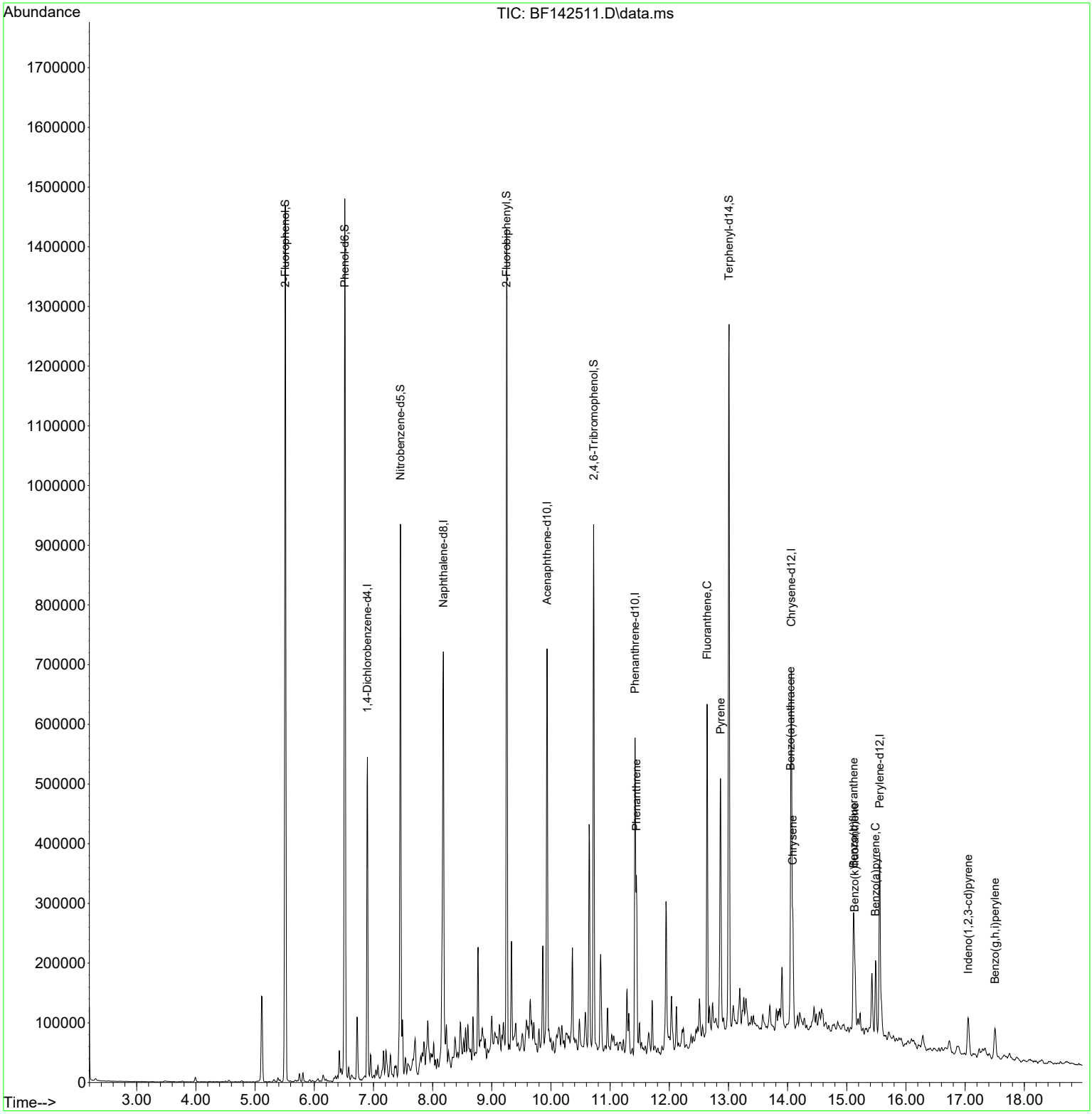
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	116551	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	418491	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	190753	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	271357	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	225312	20.000	ng	-0.01
86) Perylene-d12	15.557	264	176642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	559108	80.820	ng	0.00
7) Phenol-d6	6.516	99	696541	83.643	ng	-0.02
23) Nitrobenzene-d5	7.457	82	379750	49.481	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	149863	70.786	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	613147	43.132	ng	-0.02
79) Terphenyl-d14	13.010	244	583115	35.367	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.445	178	154382	10.646	ng	99
75) Fluoranthene	12.639	202	312382	23.053	ng	99
78) Pyrene	12.869	202	252362	12.007	ng	99
81) Benzo(a)anthracene	14.051	228	106630	7.087	ng	96
83) Chrysene	14.086	228	105623	7.813	ng	97
87) Indeno(1,2,3-cd)pyrene	17.051	276	47543	3.585	ng	98
88) Benzo(b)fluoranthene	15.116	252	132072m	12.633	ng	
89) Benzo(k)fluoranthene	15.133	252	42173m	4.307	ng	
90) Benzo(a)pyrene	15.486	252	75357	7.647	ng	96
92) Benzo(g,h,i)perylene	17.504	276	44718	4.157	ng	97

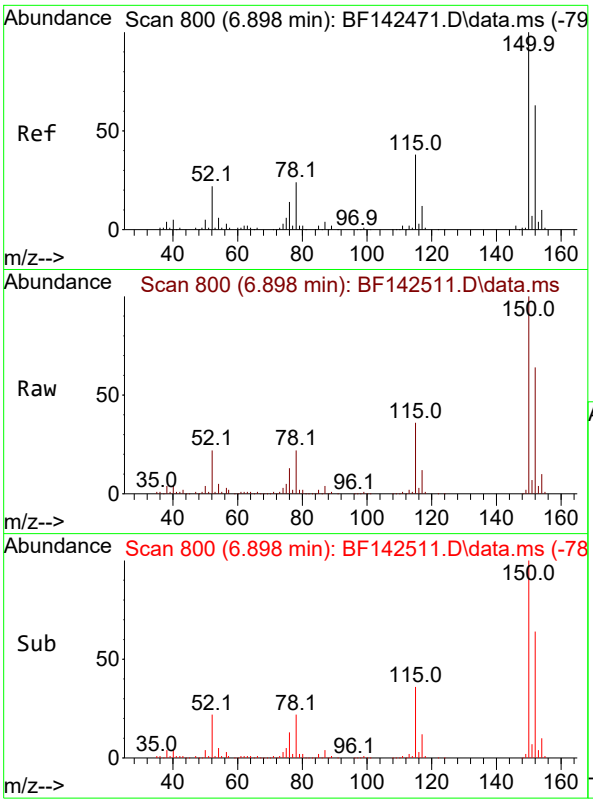
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142511.D
Acq On : 22 May 2025 15:36
Operator : RC/JU
Sample : Q2075-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-910

Quant Time: May 22 16:00:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



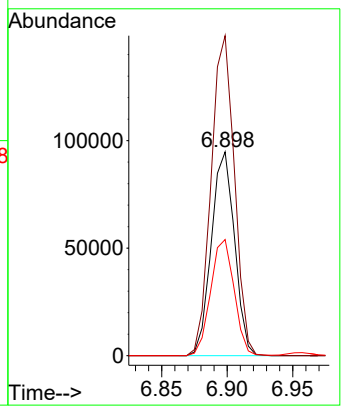


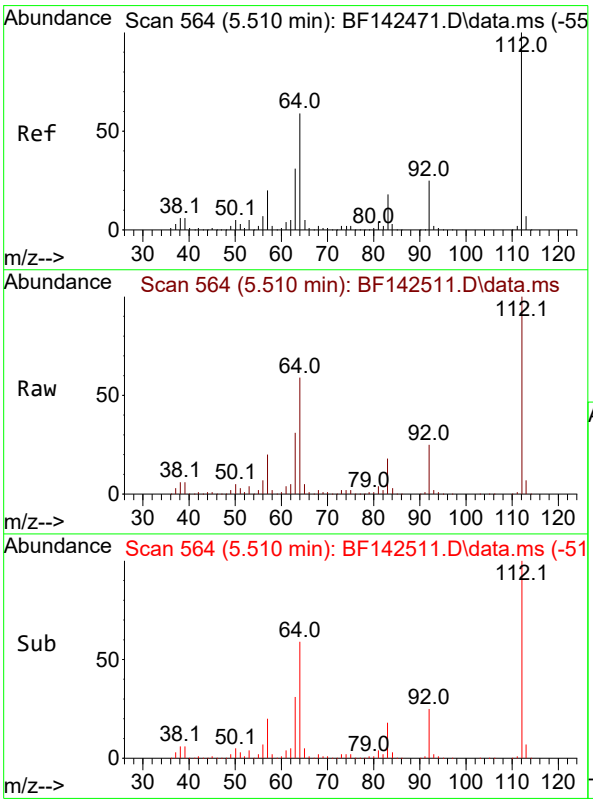
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:152 Resp: 116551

Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.2	192.4
115	57.0	48.3	72.5

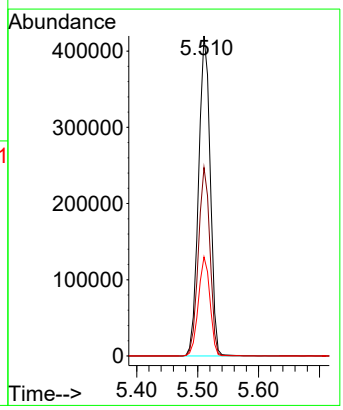


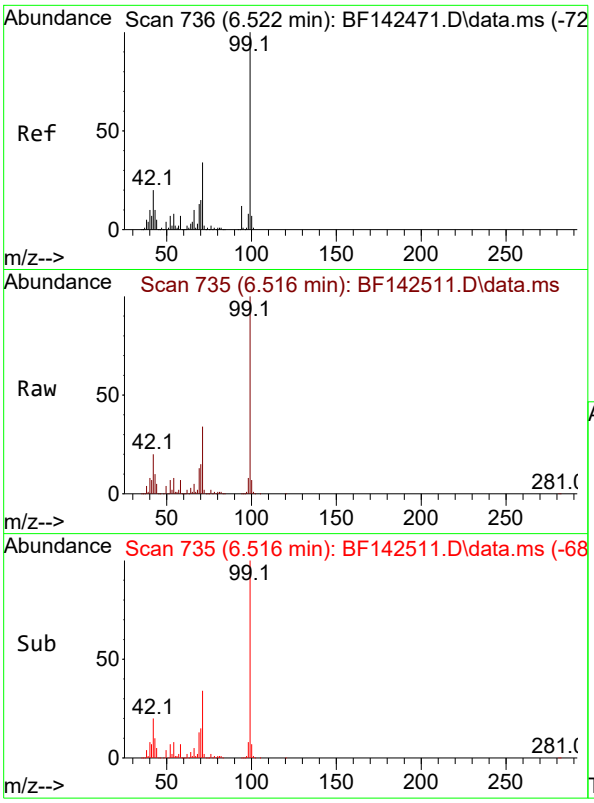


#5
2-Fluorophenol
Concen: 80.820 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:112 Resp: 559108

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.5	71.3
63	31.0	24.9	37.3



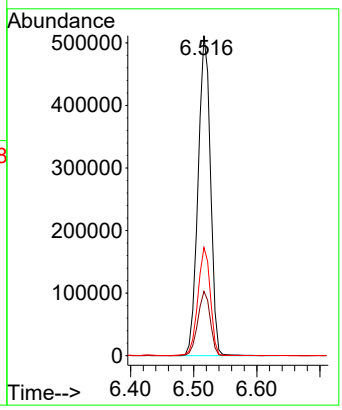


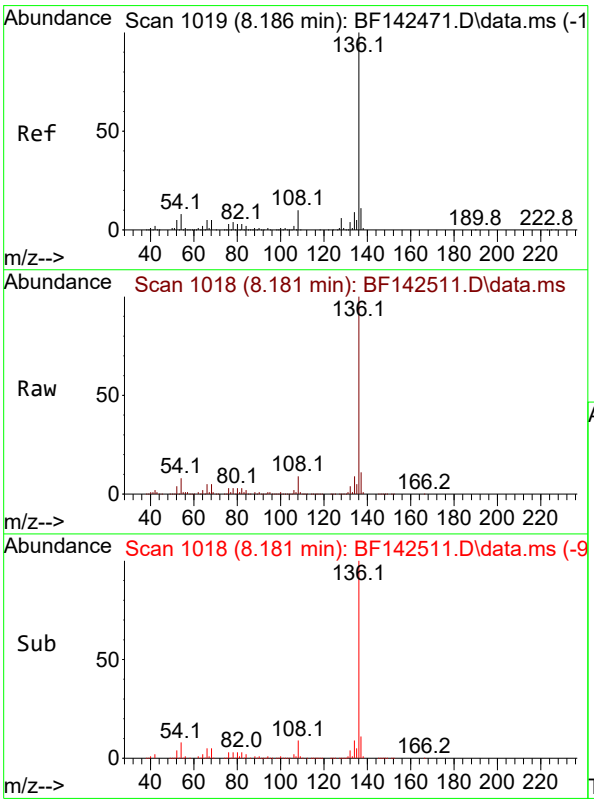
#7
Phenol-d6
Concen: 83.643 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion: 99 Resp: 696541

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	33.8	27.3	40.9

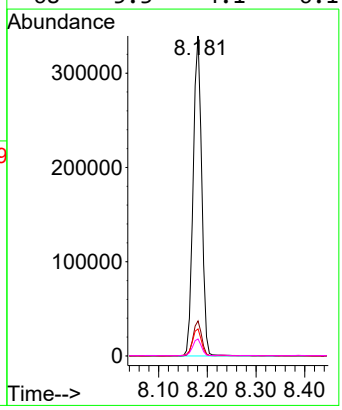


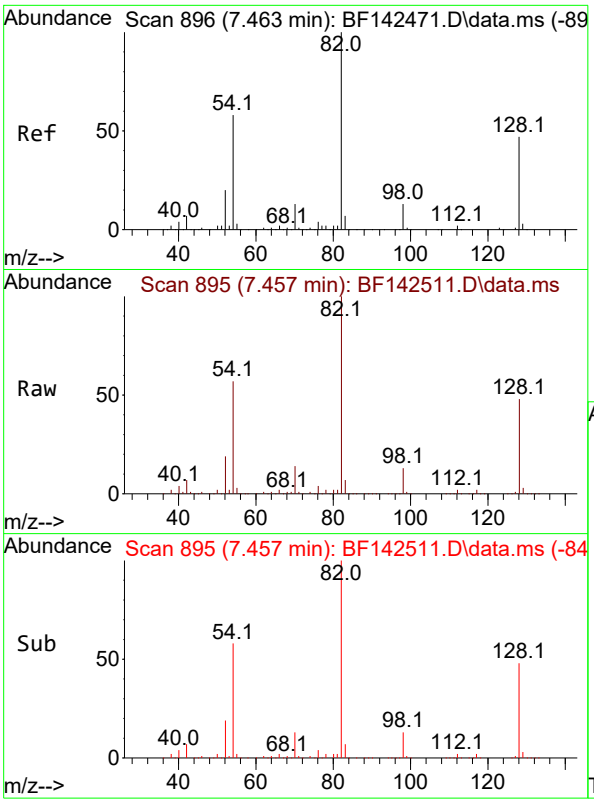


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:136 Resp: 418491

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	6.6	10.0
68	5.3	4.1	6.1



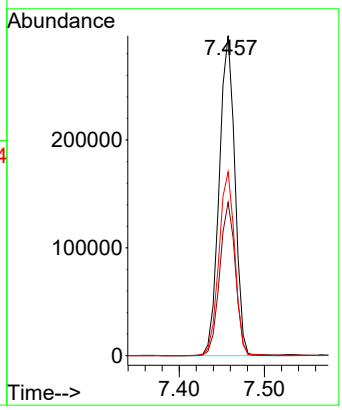


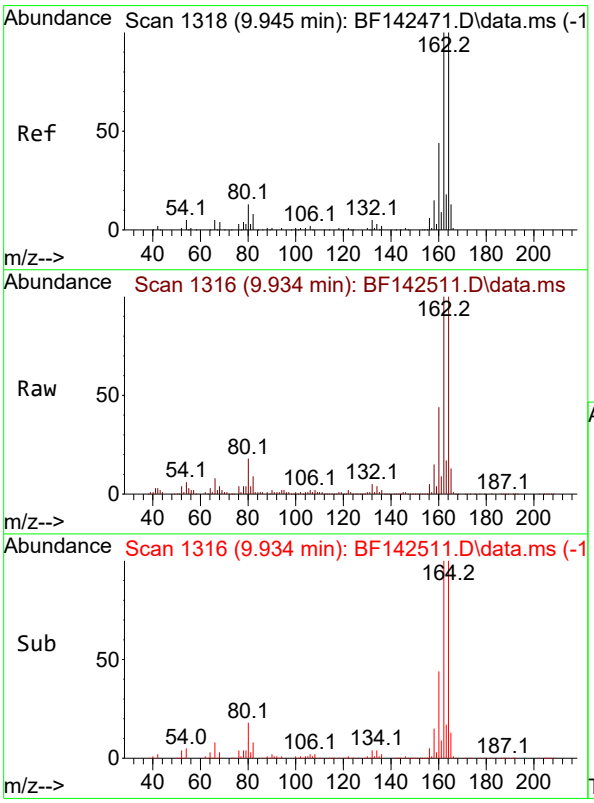
#23
Nitrobenzene-d5
Concen: 49.481 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion: 82 Resp: 379750

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	57.5	46.6	70.0

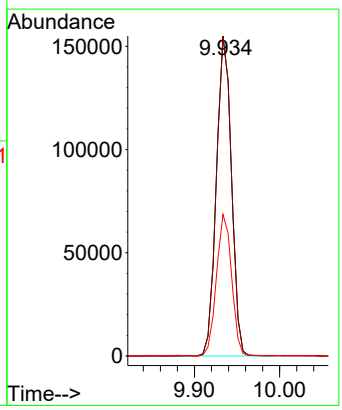


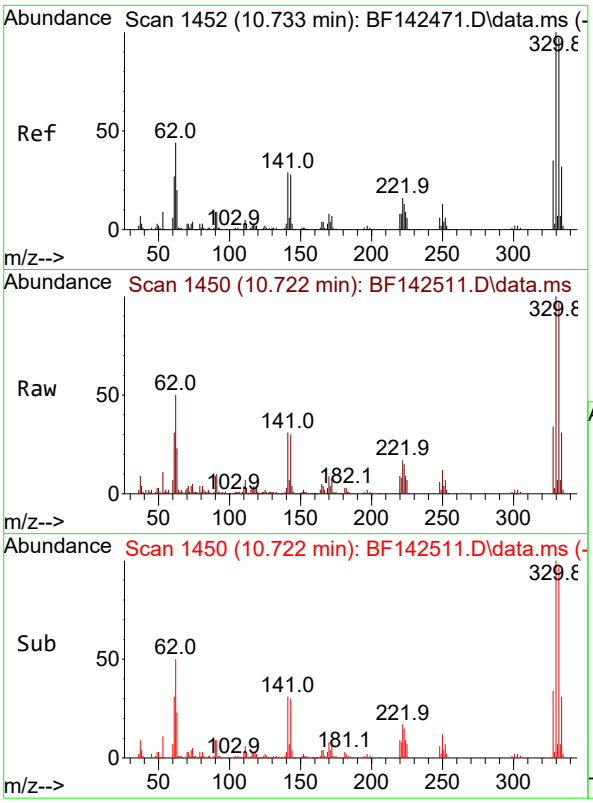


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:164 Resp: 190753

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	44.3	35.6	53.4



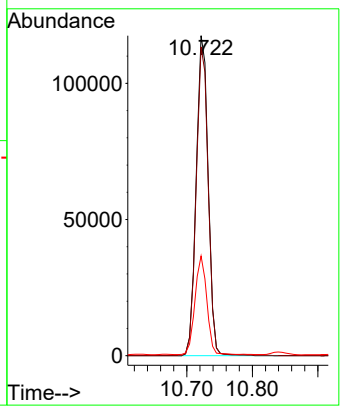


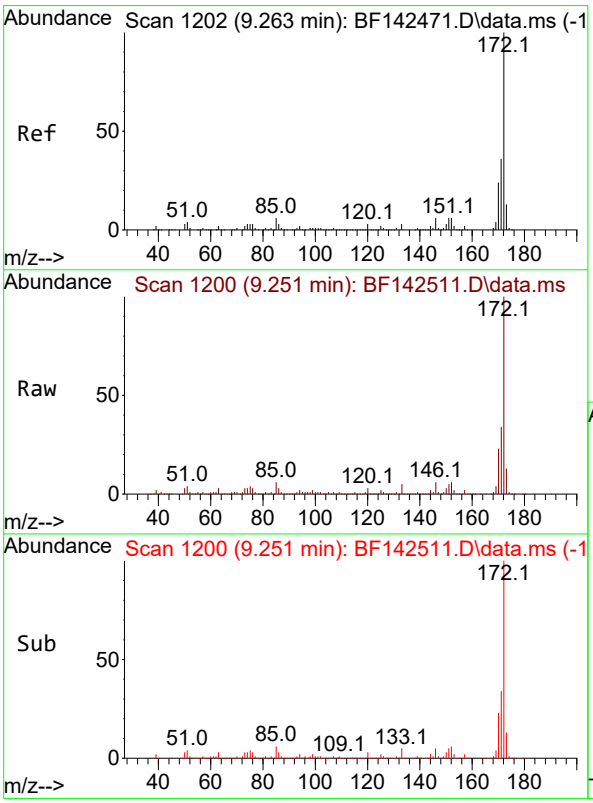
#42
2,4,6-Tribromophenol
Concen: 70.786 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:330 Resp: 149863

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	30.3	24.6	36.8

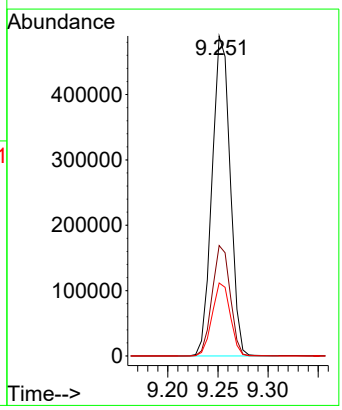


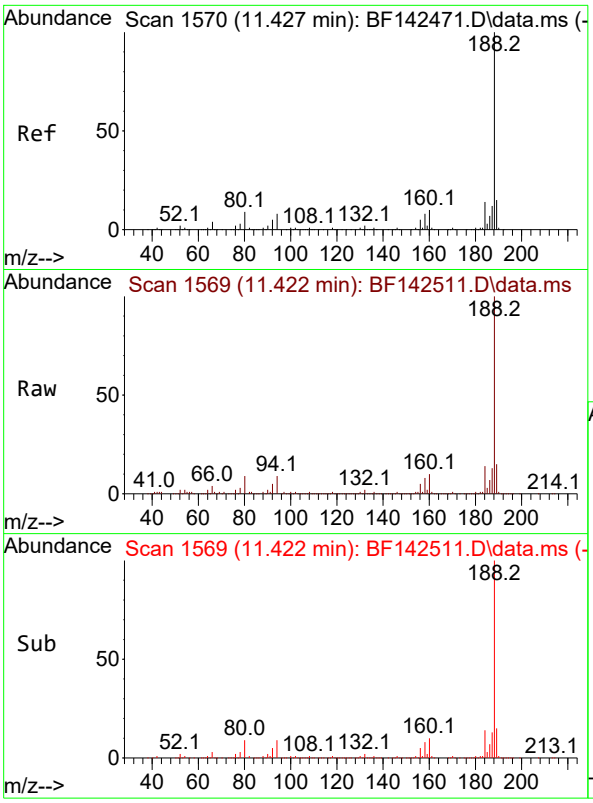


#45
2-Fluorobiphenyl
Concen: 43.132 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:172 Resp: 613147

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.8	18.9	28.3



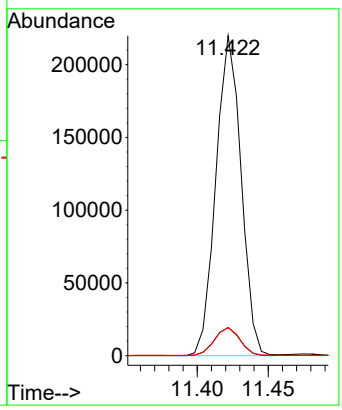


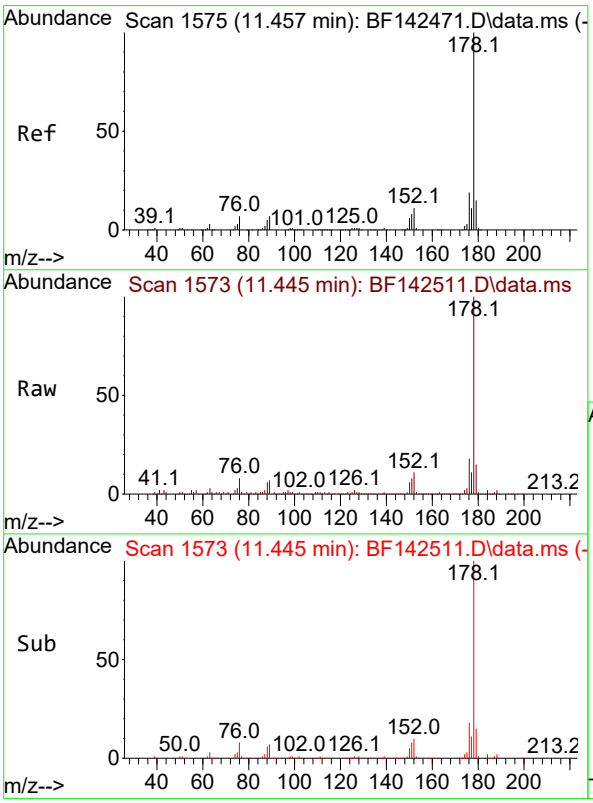
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:188 Resp: 271357

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	8.8	7.4	11.0

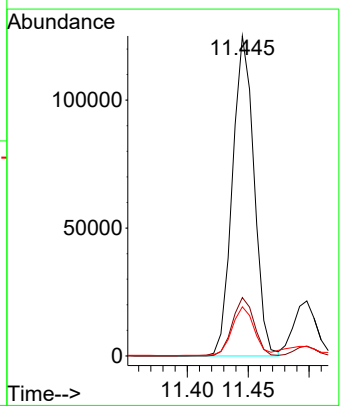


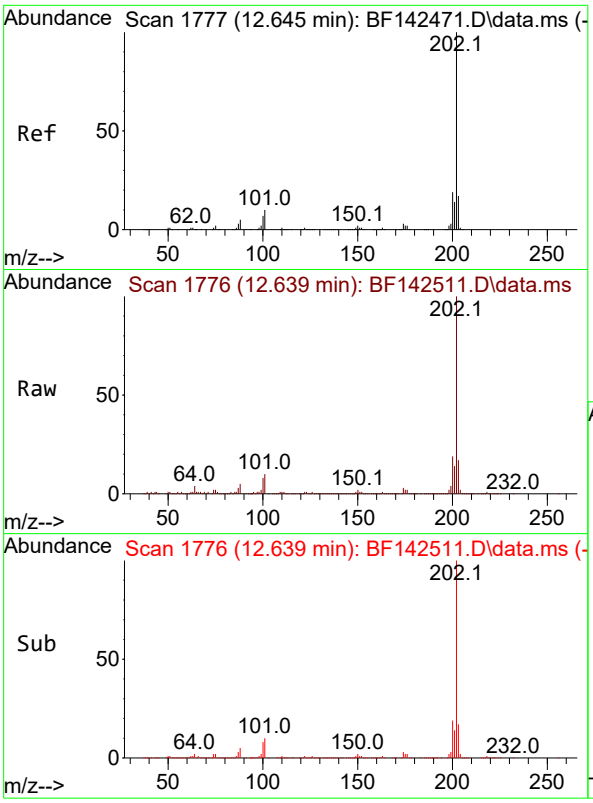


#71
Phenanthrene
Concen: 10.646 ng
RT: 11.445 min Scan# 1573
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:178 Resp: 154382

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.4	12.3	18.5



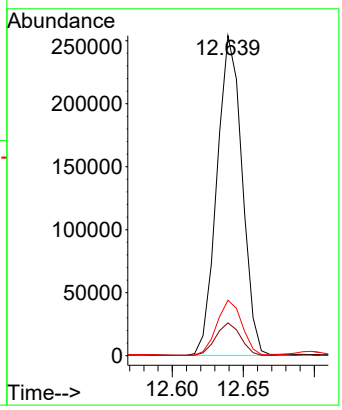


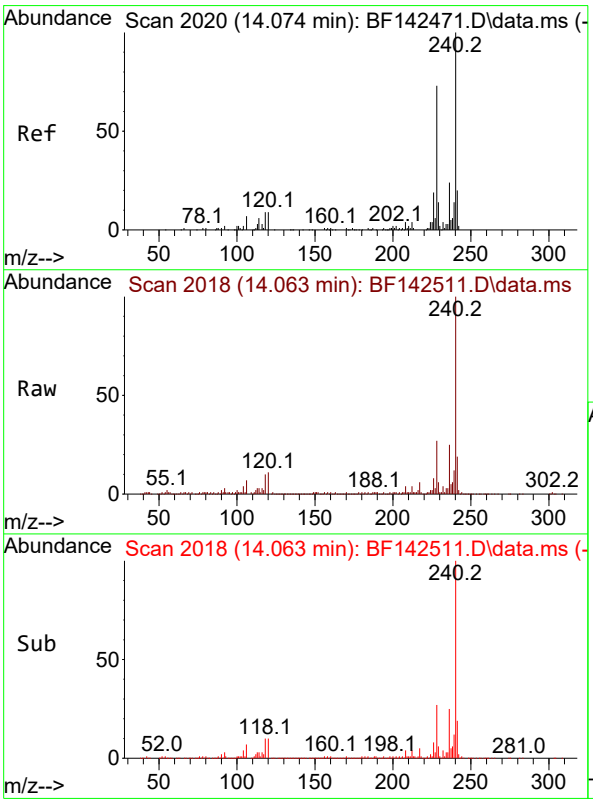
#75
Fluoranthene
Concen: 23.053 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:202 Resp: 312382

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.3	0.0	37.2

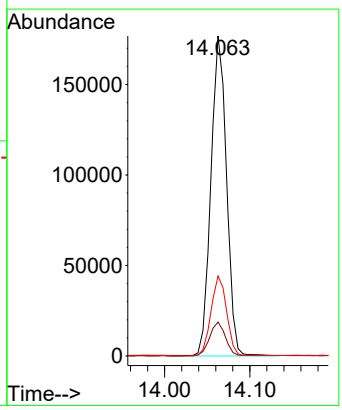


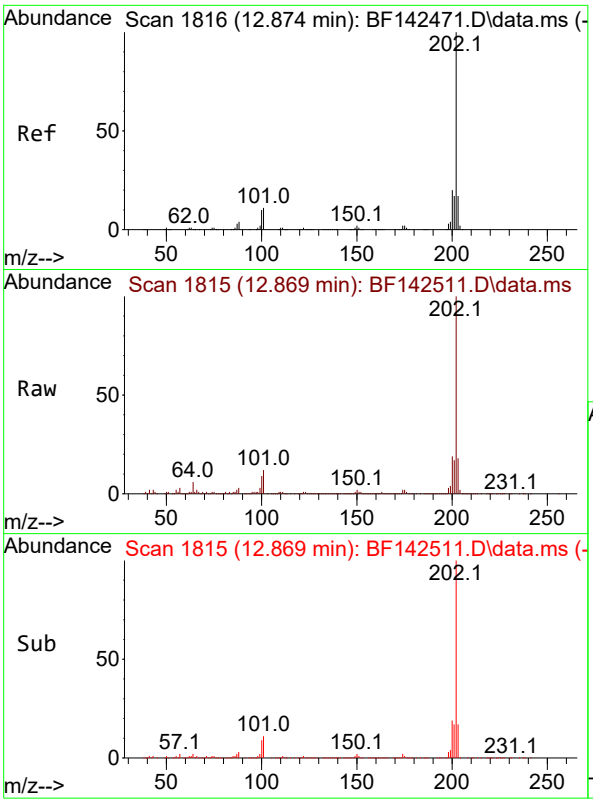


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:240 Resp: 225312

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	24.9	19.6	29.4



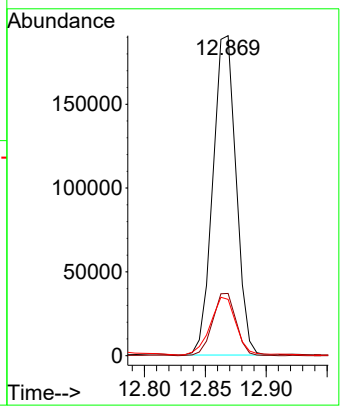


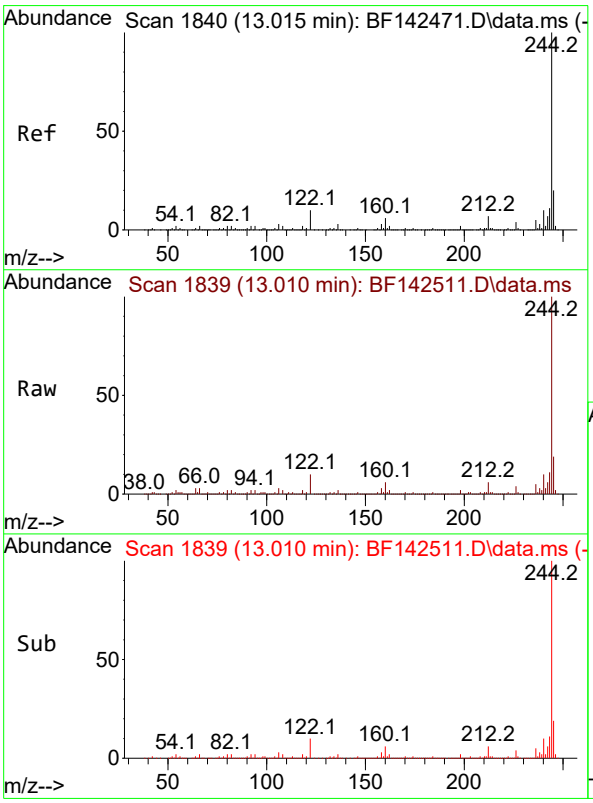
#78
Pyrene
Concen: 12.007 ng
RT: 12.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:202 Resp: 252362

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.1	24.1
203	17.6	13.9	20.9

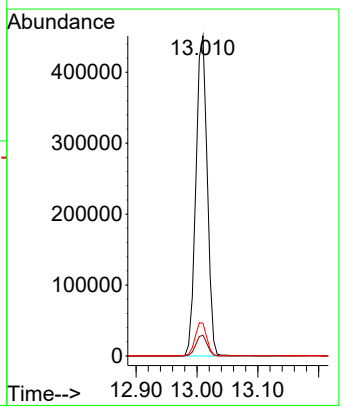


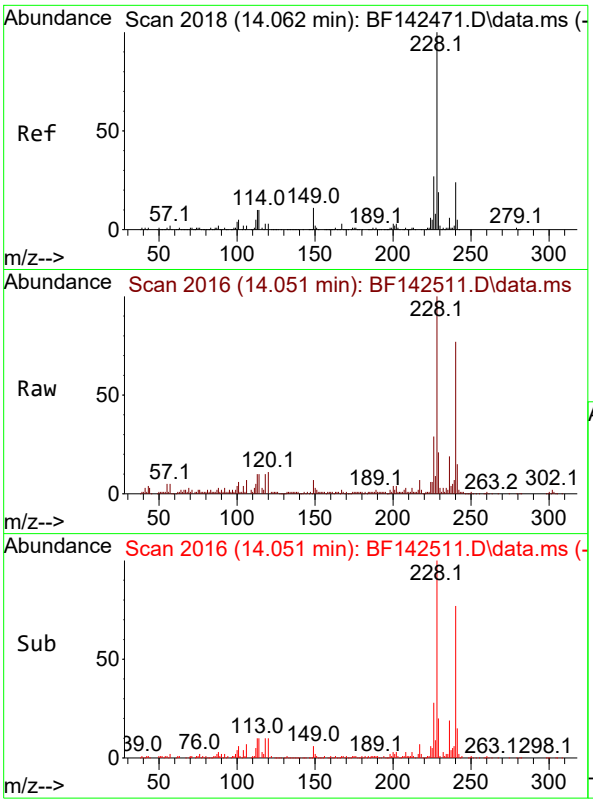


#79
Terphenyl-d14
Concen: 35.367 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:244 Resp: 583115

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.2	8.2	12.2



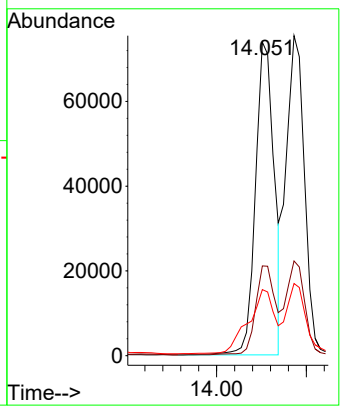


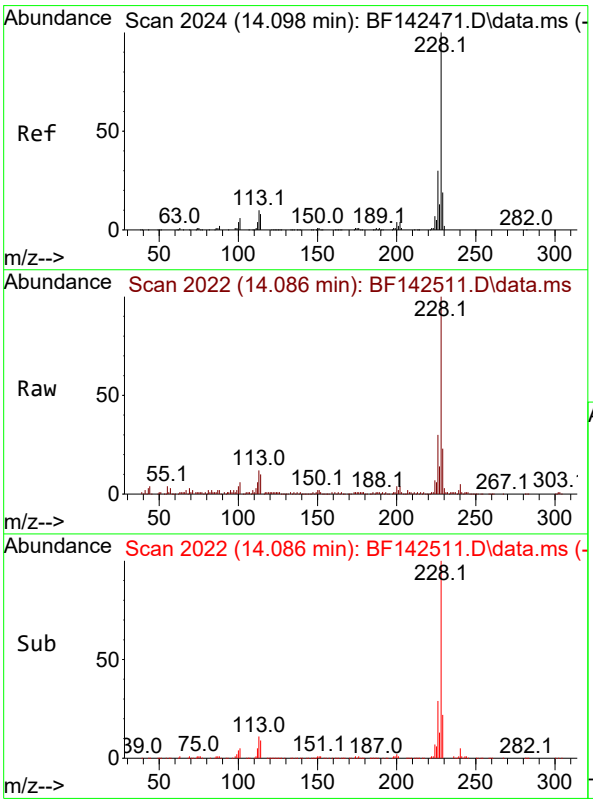
#81
Benzo(a)anthracene
Concen: 7.087 ng
RT: 14.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:228 Resp: 106630

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	21.1	15.5	23.3

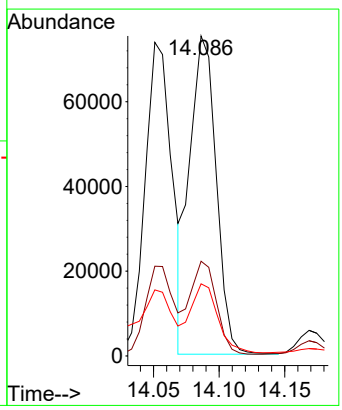


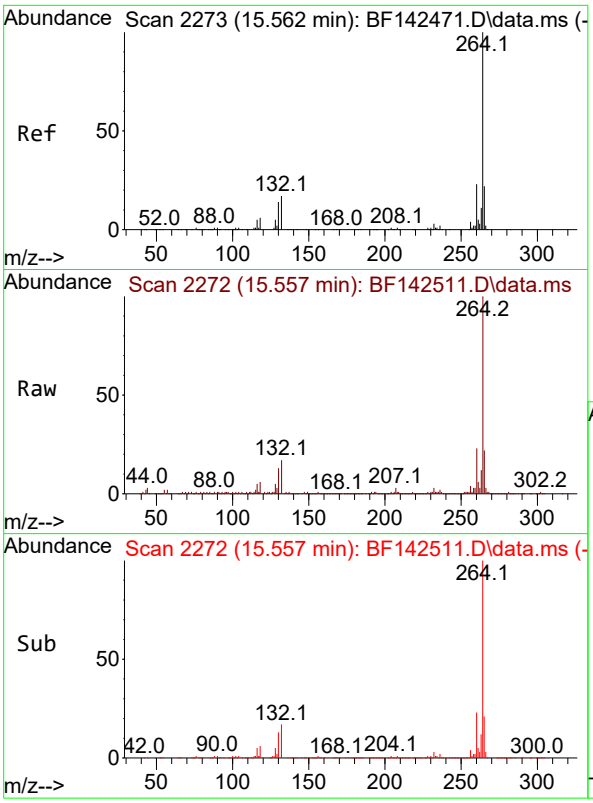


#83
Chrysene
Concen: 7.813 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.017 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:228 Resp: 105623

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	22.5	15.4	23.2



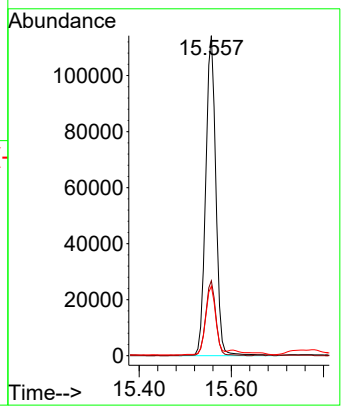


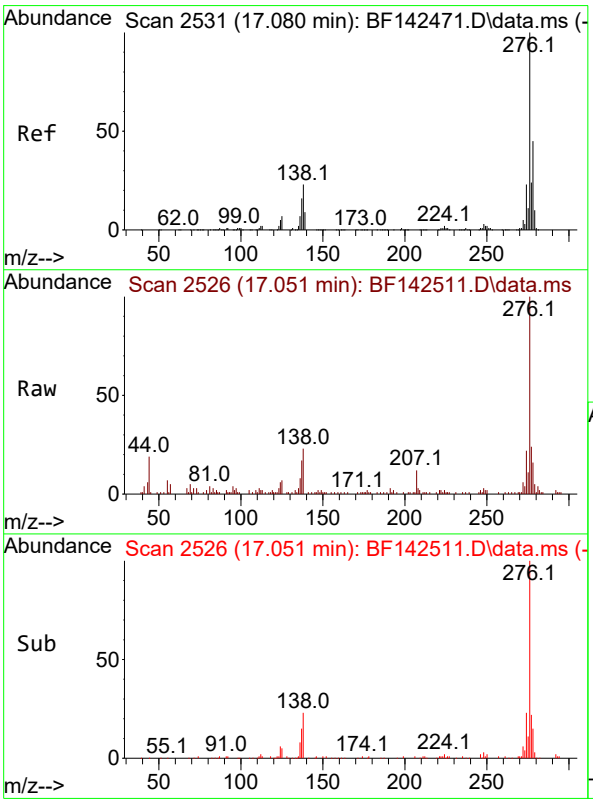
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:264 Resp: 176642

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.7	17.7	26.5

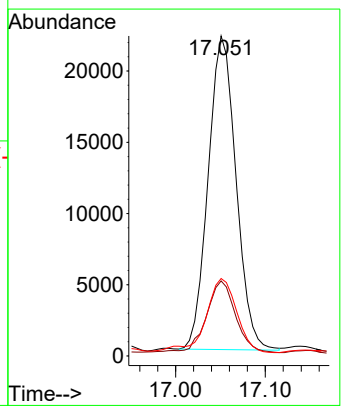


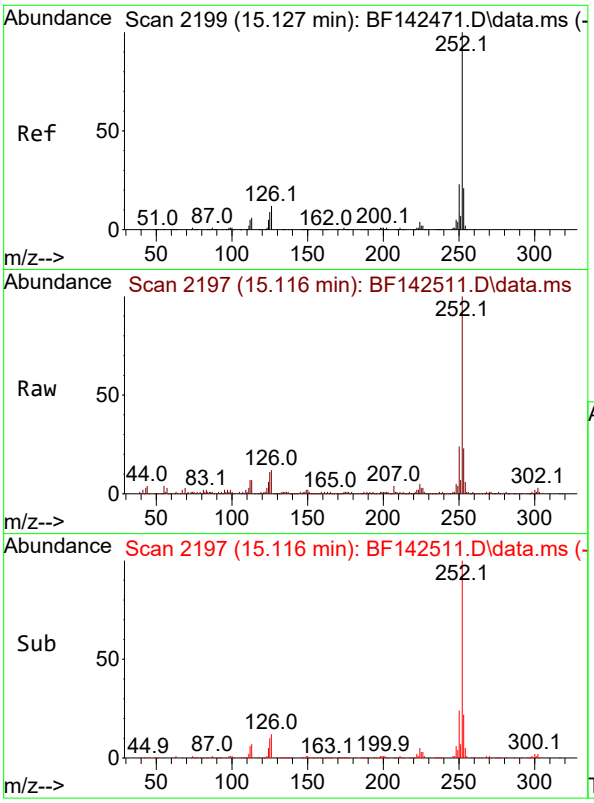


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.585 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.041 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:276 Resp: 47543

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.9	29.9
277	26.3	20.2	30.2



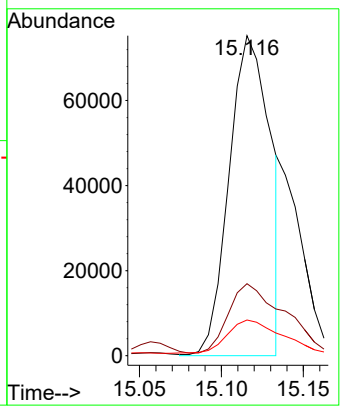


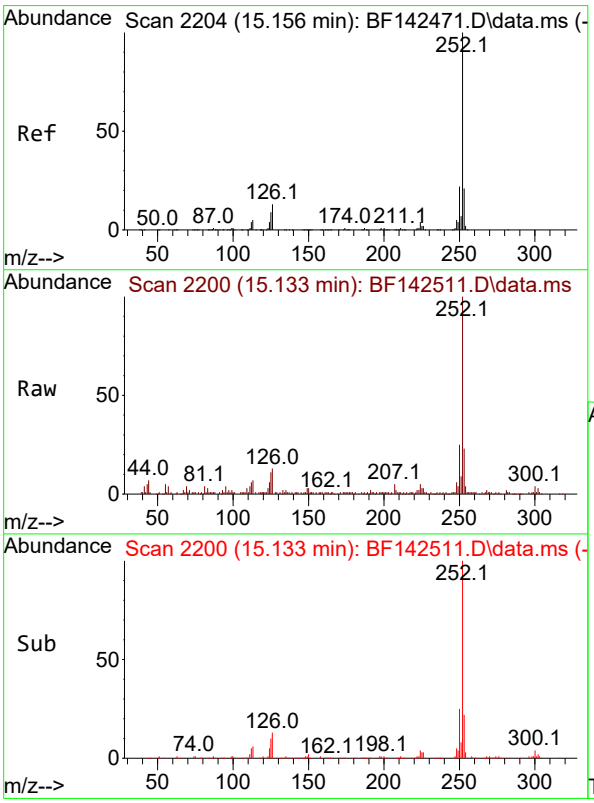
#88
Benzo(b)fluoranthene
Concen: 12.633 ng m
RT: 15.116 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:252 Resp: 132072

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	11.2	7.4	11.0#

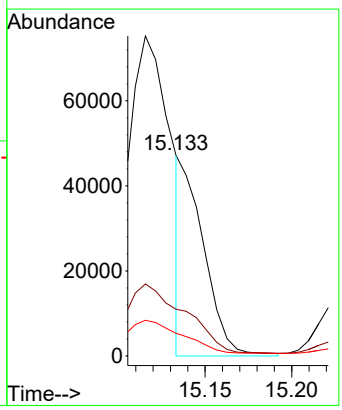


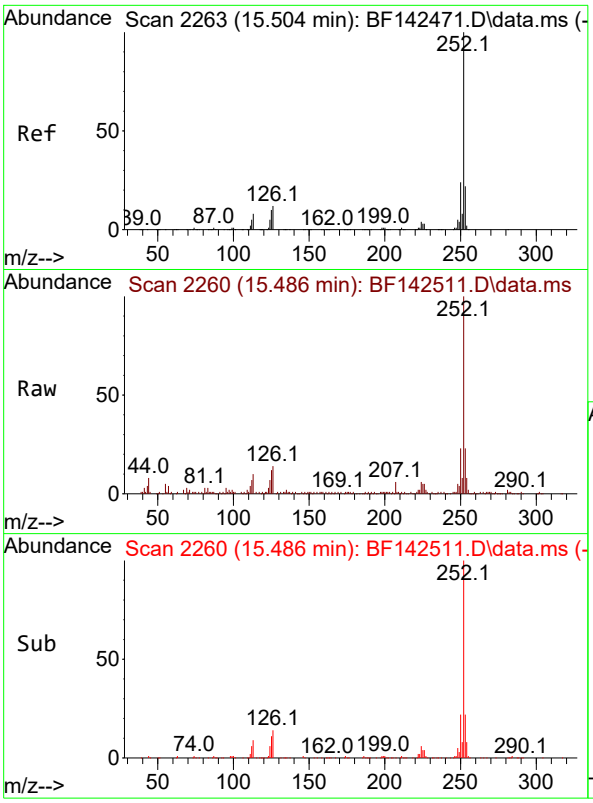


#89
Benzo(k)fluoranthene
Concen: 4.307 ng m
RT: 15.133 min Scan# 2200
Delta R.T. -0.029 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:252 Resp: 42173

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	11.4	7.3	10.9#



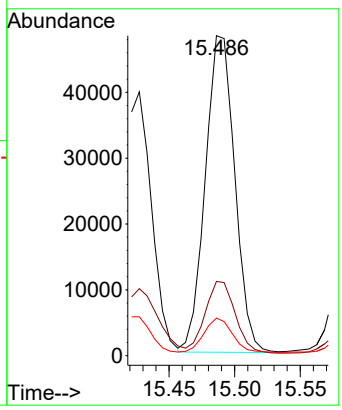


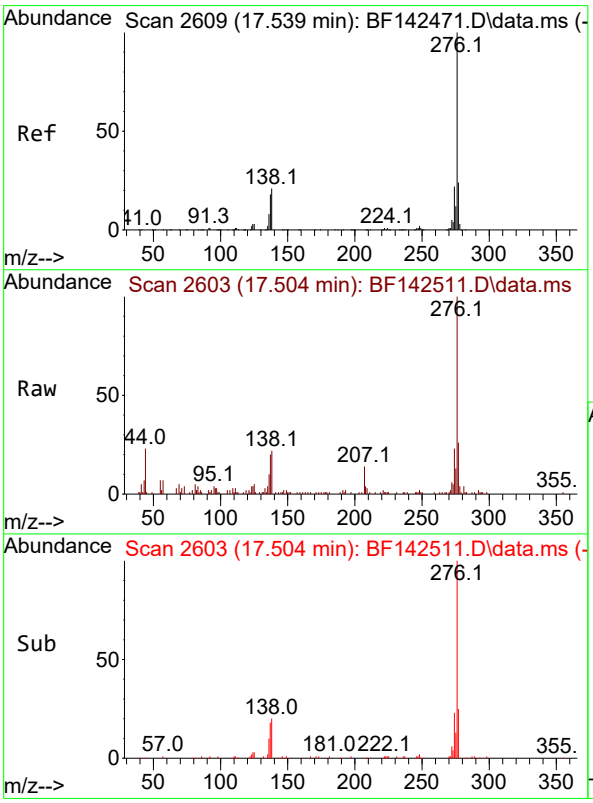
#90
Benzo(a)pyrene
Concen: 7.647 ng
RT: 15.486 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Instrument :
BNA_F
ClientSampleId :
SS-910

Tgt Ion:252 Resp: 75357

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	11.8	7.9	11.9

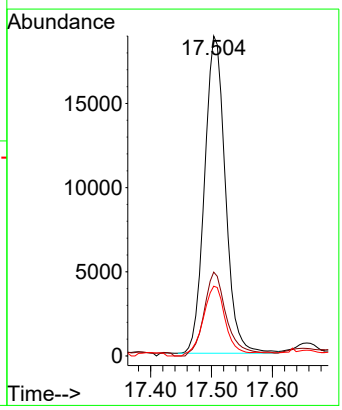




#92
Benzo(g,h,i)perylene
Concen: 4.157 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.053 min
Lab File: BF142511.D
Acq: 22 May 2025 15:36

Tgt Ion:276 Resp: 44718

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.2	28.8
138	21.8	16.8	25.2



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11	SDG No.:	Q2075
Lab Sample ID:	Q2075-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142486.D	1	05/20/25 09:45	05/21/25 14:37	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	25.9	190	ug/Kg
208-96-8	Acenaphthylene	190	U	33.0	190	ug/Kg
83-32-9	Acenaphthene	190	U	24.3	190	ug/Kg
86-73-7	Fluorene	190	U	28.9	190	ug/Kg
85-01-8	Phenanthrene	190	U	23.9	190	ug/Kg
120-12-7	Anthracene	190	U	38.1	190	ug/Kg
206-44-0	Fluoranthene	120	J	34.3	190	ug/Kg
129-00-0	Pyrene	190	U	41.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	26.3	190	ug/Kg
218-01-9	Chrysene	190	U	22.7	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	21.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	25.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	33.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	31.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	29.4	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	64.7		18 - 107	65%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.2		20 - 109	56%	SPK: 100
1718-51-0	Terphenyl-d14	42.2		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	63600	6.898			
1146-65-2	Naphthalene-d8	239000	8.181			
15067-26-2	Acenaphthene-d10	132000	9.939			
1517-22-2	Phenanthrene-d10	251000	11.427			
1719-03-5	Chrysene-d12	246000	14.068			
1520-96-3	Perylene-d12	209000	15.557			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11	SDG No.:	Q2075
Lab Sample ID:	Q2075-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142486.D	1	05/20/25 09:45	05/21/25 14:37	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

Quant Time: May 21 15:18:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

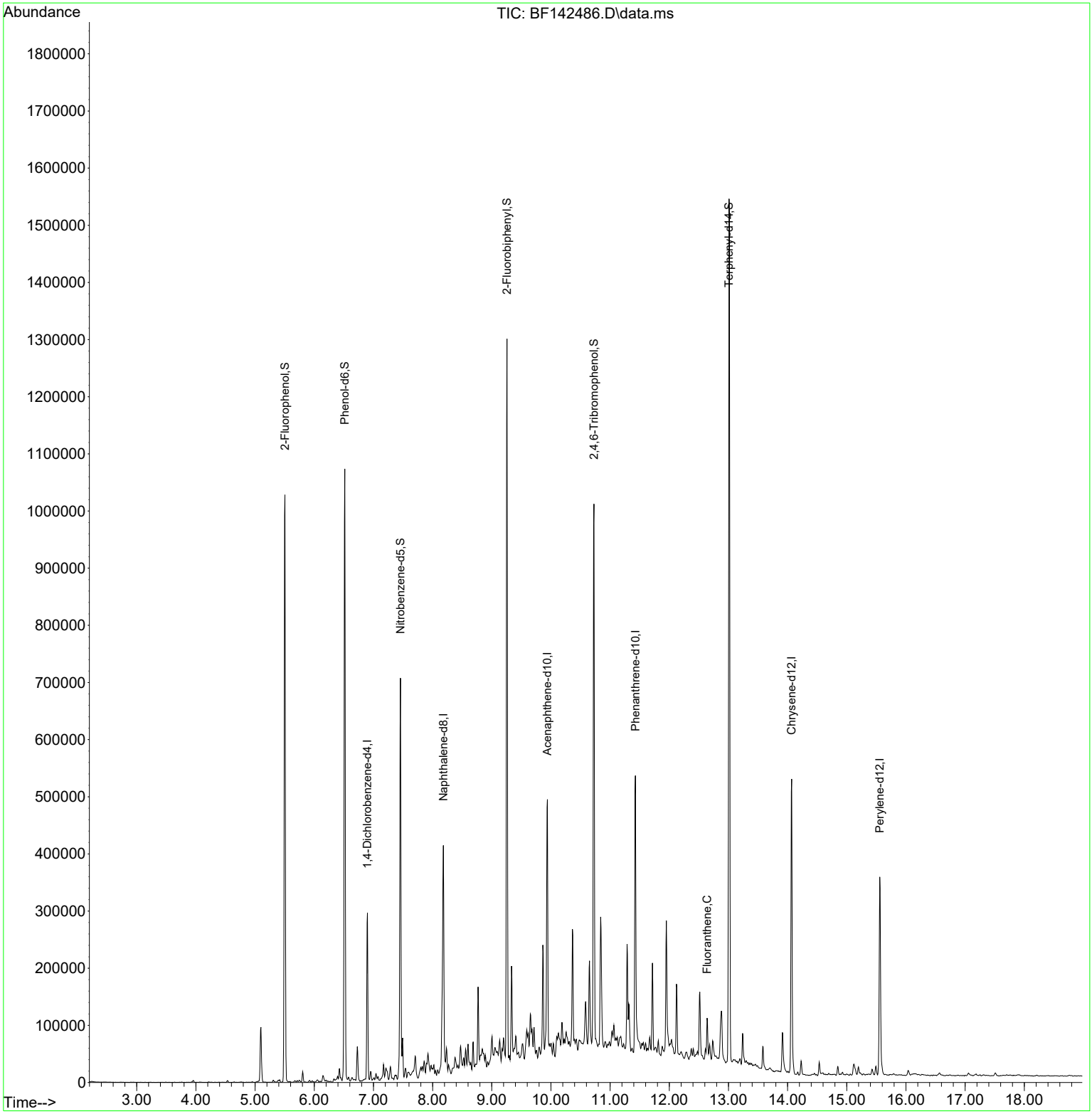
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	63588	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	238505	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	131818	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	250730	20.000	ng	0.00
76) Chrysene-d12	14.068	240	246437	20.000	ng	0.00
86) Perylene-d12	15.557	264	209013	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	397188	105.234	ng	-0.01
7) Phenol-d6	6.516	99	487177	107.228	ng	-0.02
23) Nitrobenzene-d5	7.457	82	283077	64.719	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	169138	115.609	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	552003	56.192	ng	-0.01
79) Terphenyl-d14	13.010	244	760226	42.156	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.639	202	39866	3.184	ng	99

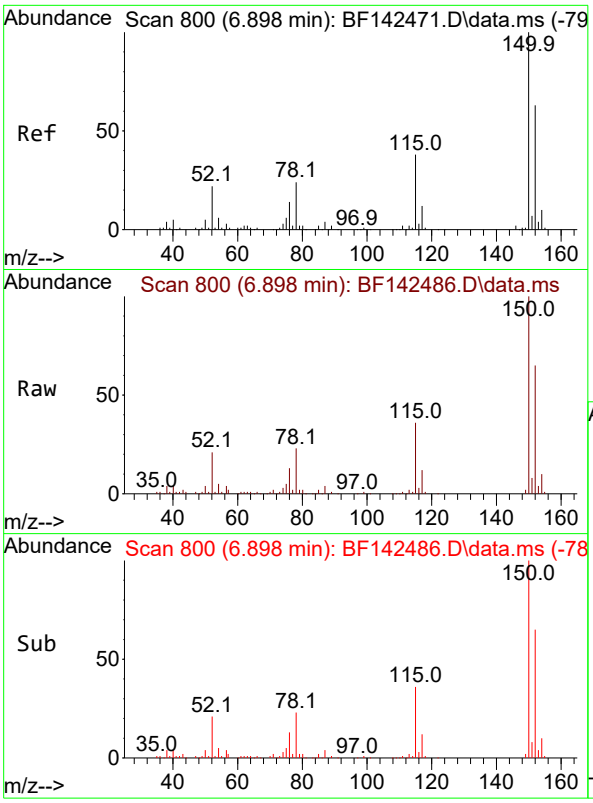
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142486.D
Acq On : 21 May 2025 14:37
Operator : RC/JU
Sample : Q2075-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11

Quant Time: May 21 15:18:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



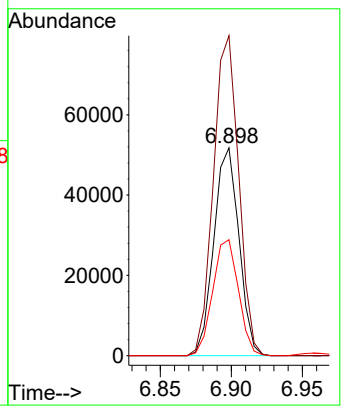


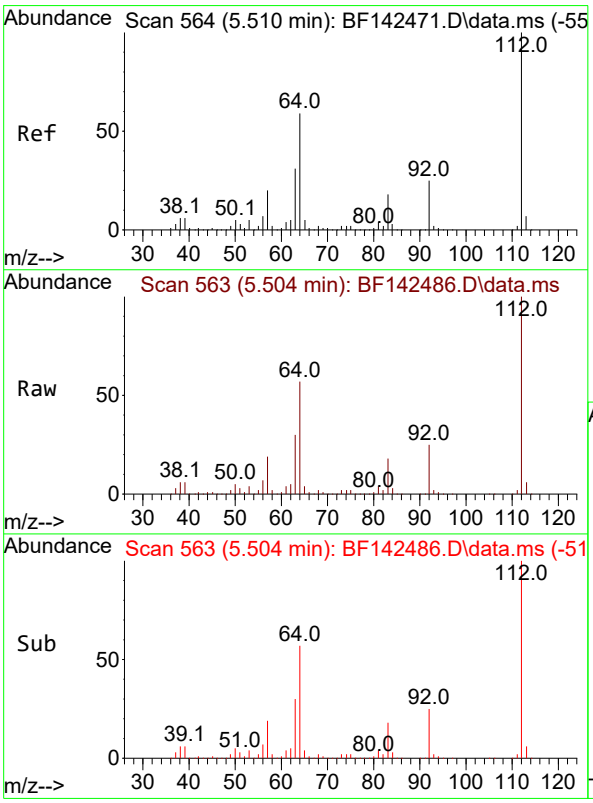
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:152 Resp: 63588

Ion	Ratio	Lower	Upper
152	100		
150	153.9	128.2	192.4
115	55.8	48.3	72.5

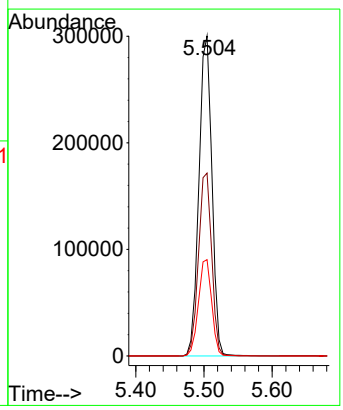


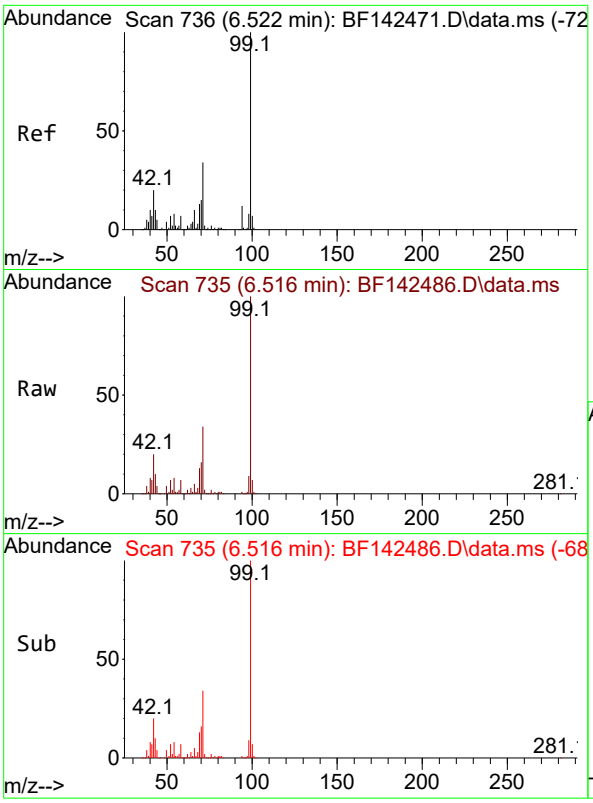


#5
2-Fluorophenol
Concen: 105.234 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.012 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:112 Resp: 397188

Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.5	71.3
63	30.1	24.9	37.3



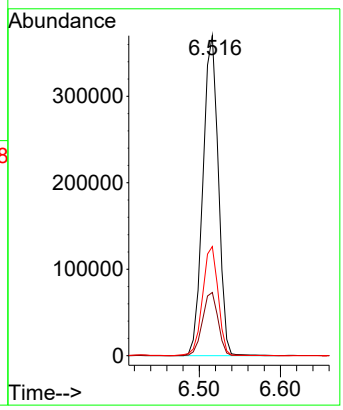


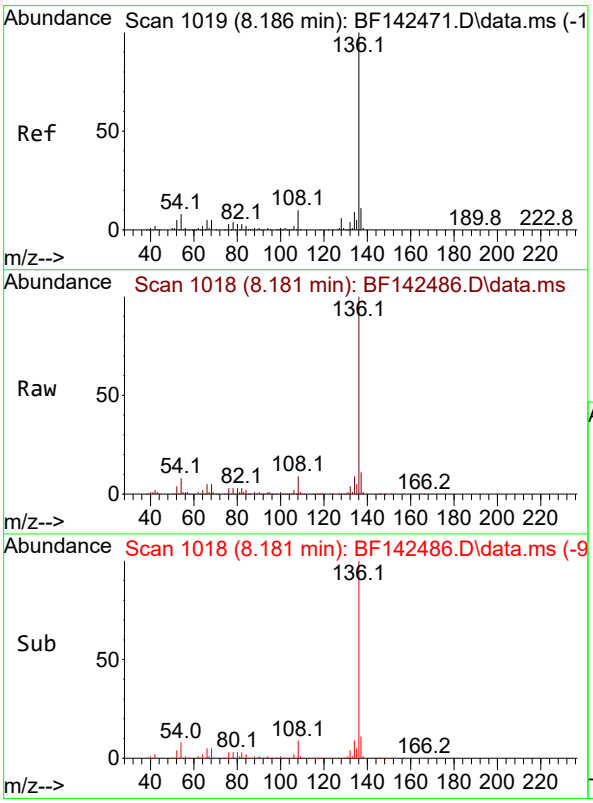
#7
Phenol-d6
Concen: 107.228 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion: 99 Resp: 487177

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	34.1	27.3	40.9

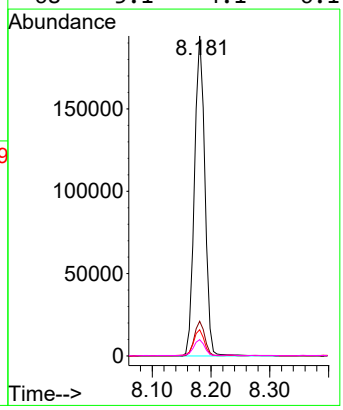


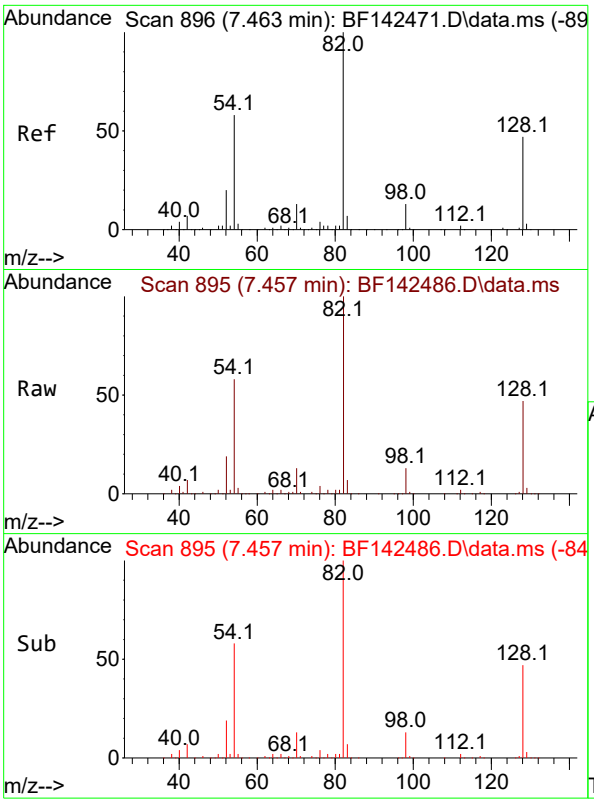


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:136 Resp: 238505

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.6	10.0
68	5.1	4.1	6.1



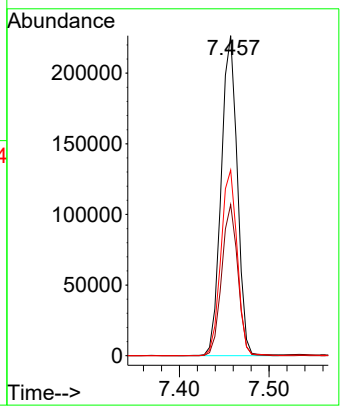


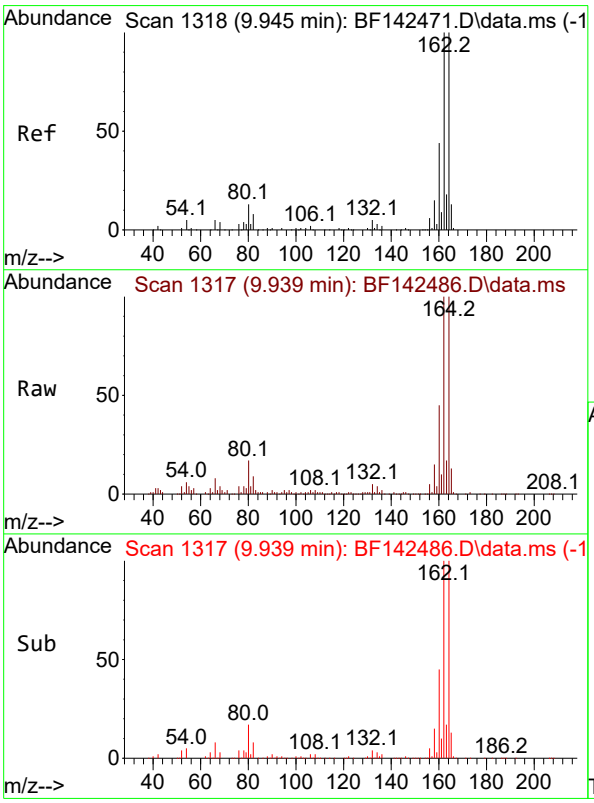
#23
Nitrobenzene-d5
Concen: 64.719 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion: 82 Resp: 283077

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	58.0	46.6	70.0

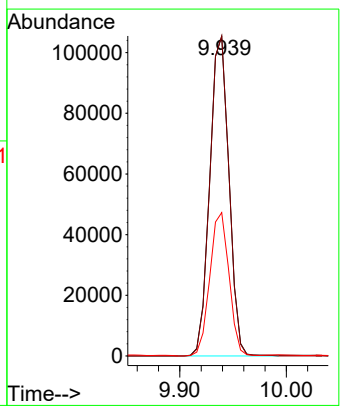


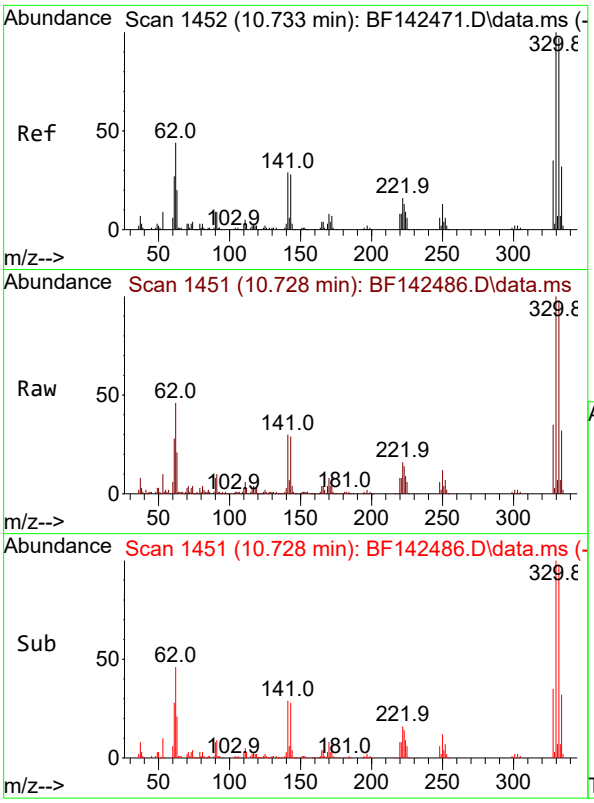


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:164 Resp: 131818

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	44.9	35.6	53.4



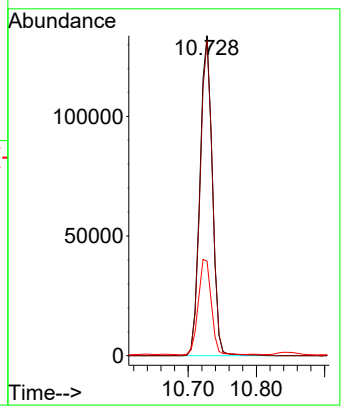


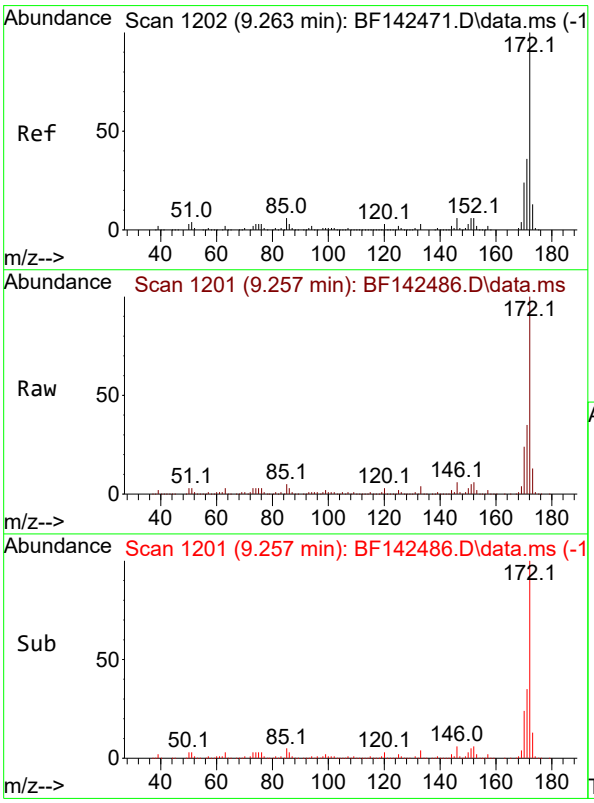
#42
2,4,6-Tribromophenol
Concen: 115.609 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:330 Resp: 169138

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	31.2	24.6	36.8

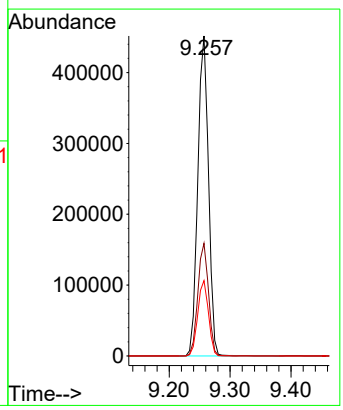


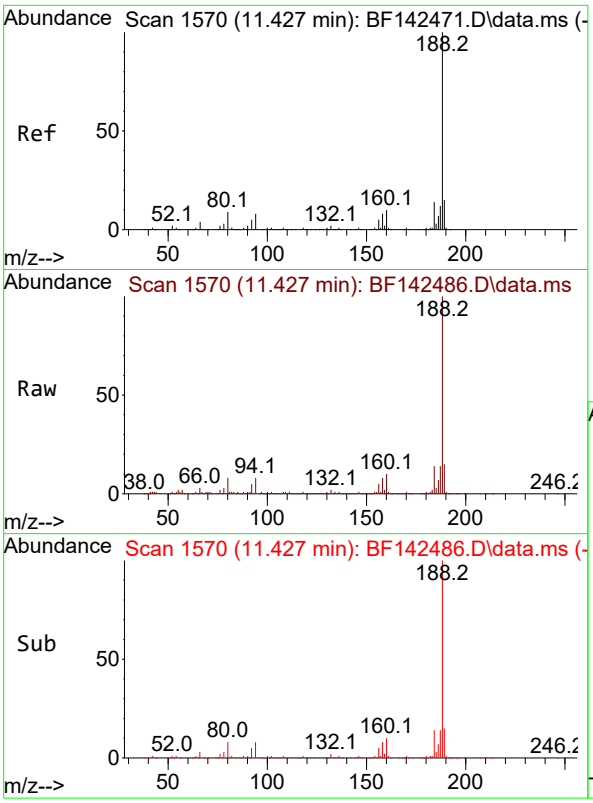


#45
2-Fluorobiphenyl
Concen: 56.192 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:172 Resp: 552003

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.6	18.9	28.3



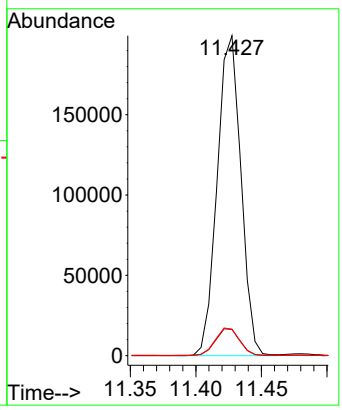


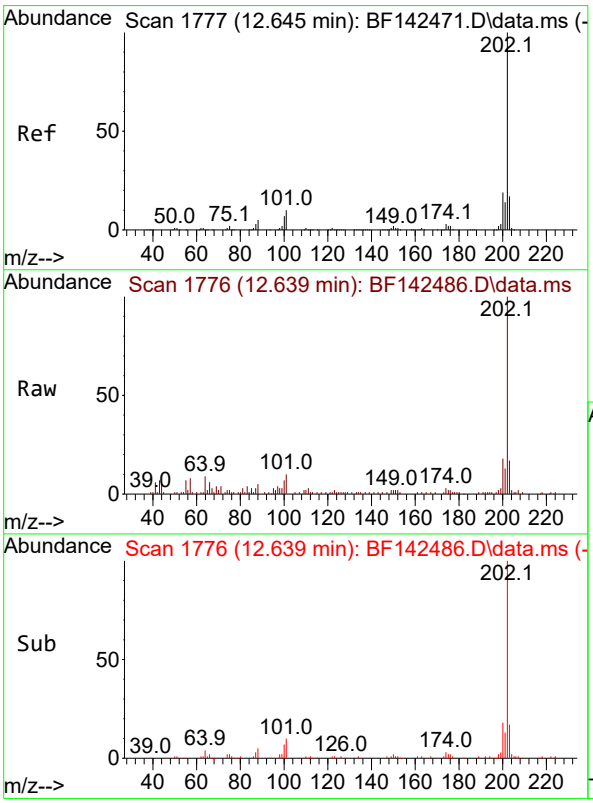
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:188 Resp: 250730

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.3	7.4	11.0

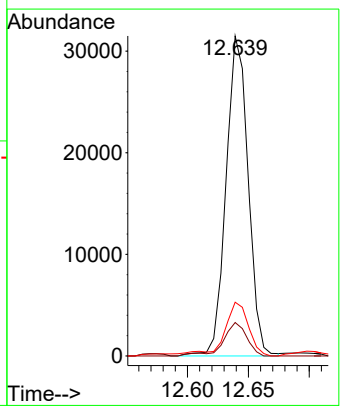


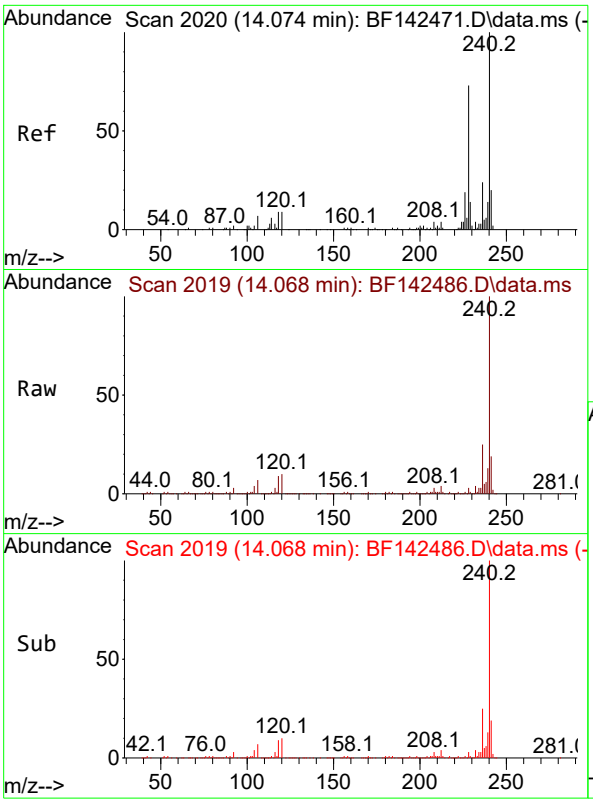


#75
Fluoranthene
Concen: 3.184 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:202 Resp: 39866

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.6
203	16.8	0.0	37.2



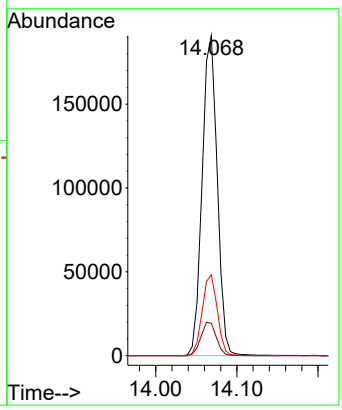


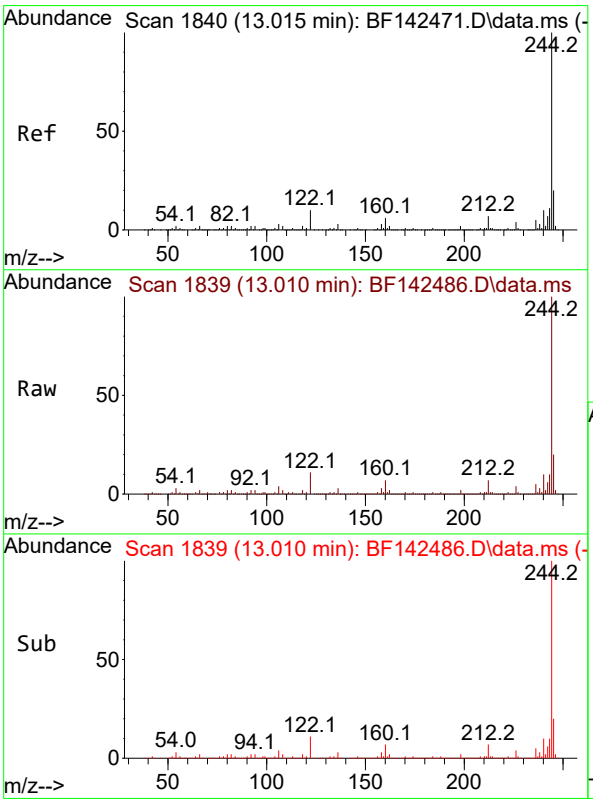
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:240 Resp: 246437

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	25.3	19.6	29.4

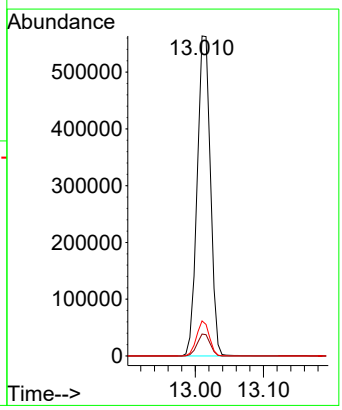


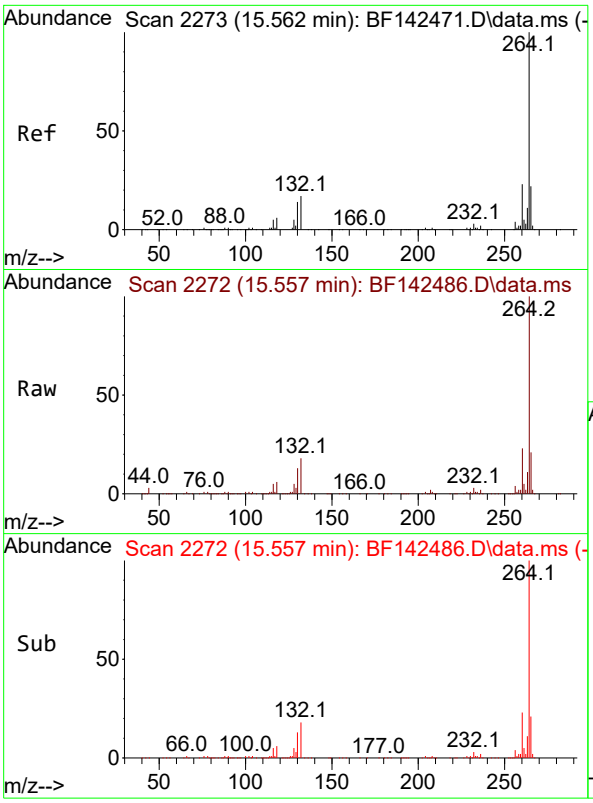


#79
Terphenyl-d14
Concen: 42.156 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Tgt Ion:244 Resp: 760226

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.9	8.2	12.2



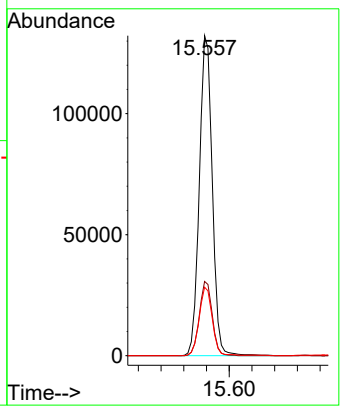


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142486.D
Acq: 21 May 2025 14:37

Instrument :
BNA_F
ClientSampleId :
SS-11

Tgt Ion:264 Resp: 209013

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	28.0
265	21.4	17.7	26.5



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5	SDG No.:	Q2075
Lab Sample ID:	Q2075-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142489.D	1	05/20/25 09:45	05/21/25 16:03	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	190	U	24.9	190	ug/Kg
208-96-8	Acenaphthylene	190	U	31.7	190	ug/Kg
83-32-9	Acenaphthene	190	U	23.4	190	ug/Kg
86-73-7	Fluorene	190	U	27.7	190	ug/Kg
85-01-8	Phenanthrene	190	U	22.9	190	ug/Kg
120-12-7	Anthracene	190	U	36.5	190	ug/Kg
206-44-0	Fluoranthene	190	U	32.9	190	ug/Kg
129-00-0	Pyrene	190	U	39.5	190	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	25.2	190	ug/Kg
218-01-9	Chrysene	190	U	21.8	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	20.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	24.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	32.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	31.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	30.0	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	U	28.2	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	53.3		18 - 107	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.6		20 - 109	49%	SPK: 100
1718-51-0	Terphenyl-d14	38.9		10 - 105	39%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	59300	6.898			
1146-65-2	Naphthalene-d8	207000	8.181			
15067-26-2	Acenaphthene-d10	104000	9.939			
1517-22-2	Phenanthrene-d10	179000	11.422			
1719-03-5	Chrysene-d12	153000	14.063			
1520-96-3	Perylene-d12	126000	15.557			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-MW1-11.5	SDG No.:	Q2075
Lab Sample ID:	Q2075-06	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142489.D	1	05/20/25 09:45	05/21/25 16:03	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142489.D
Acq On : 21 May 2025 16:03
Operator : RC/JU
Sample : Q2075-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Quant Time: May 21 16:25:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

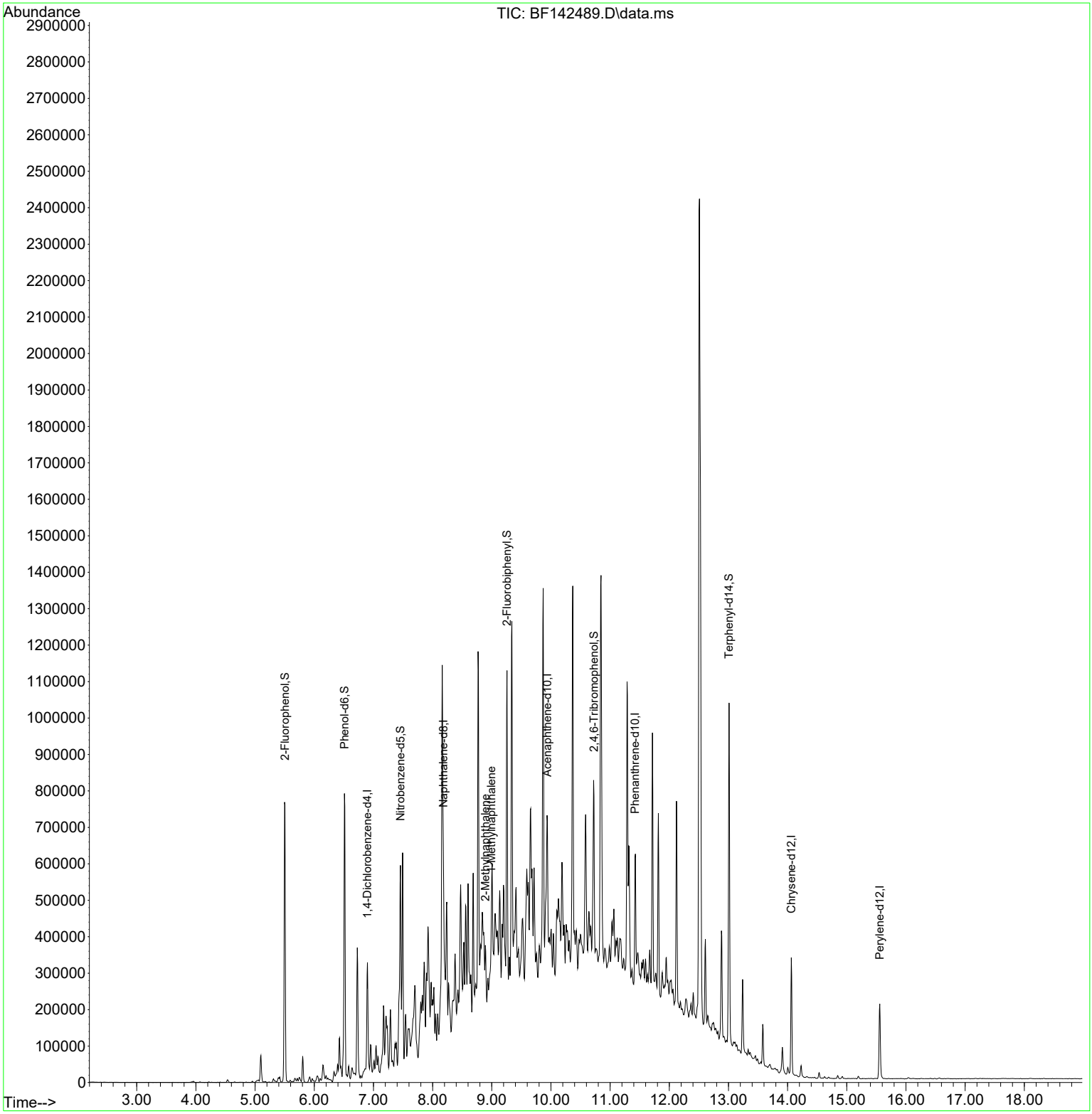
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	59263	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	206974	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	103588	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	179364	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	153166	20.000	ng	-0.01
86) Perylene-d12	15.557	264	125915	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	294426	83.701	ng	-0.01
7) Phenol-d6	6.510	99	354305	83.674	ng	-0.02
23) Nitrobenzene-d5	7.457	82	202164	53.262	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	90668	78.863	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	375145	48.596	ng	-0.01
79) Terphenyl-d14	13.010	244	435991	38.899	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.892	142	52255	8.150	ng	99
38) 1-Methylnaphthalene	8.992	142	32230	4.860	ng	98

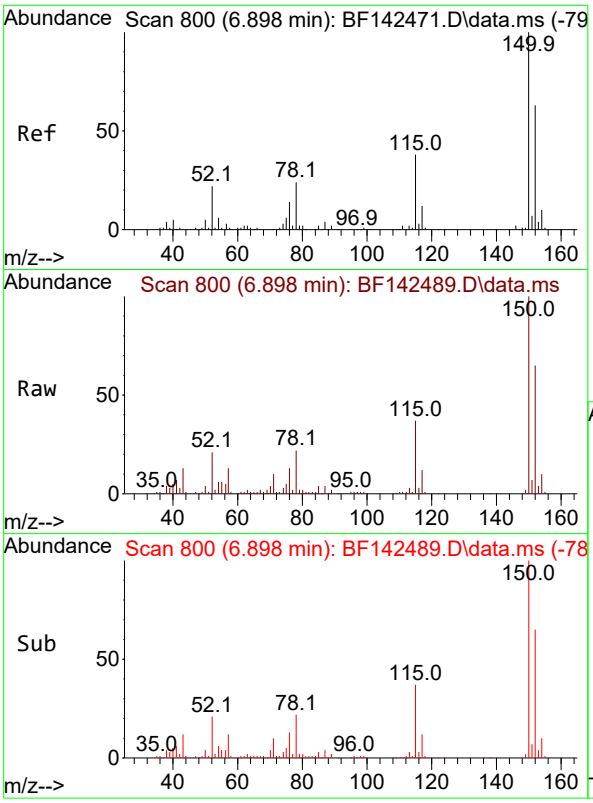
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142489.D
Acq On : 21 May 2025 16:03
Operator : RC/JU
Sample : Q2075-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Quant Time: May 21 16:25:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



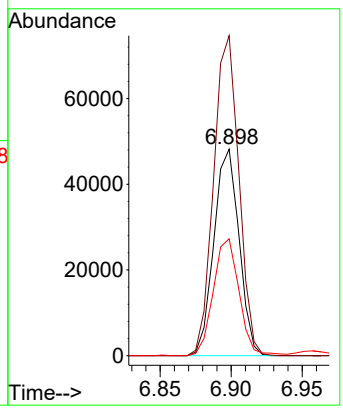


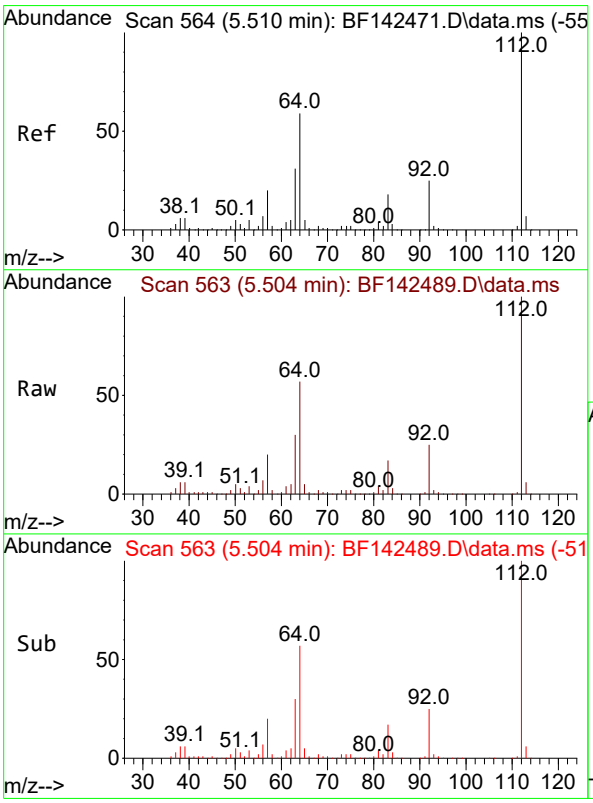
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion:152 Resp: 59263

Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.2	192.4
115	56.7	48.3	72.5

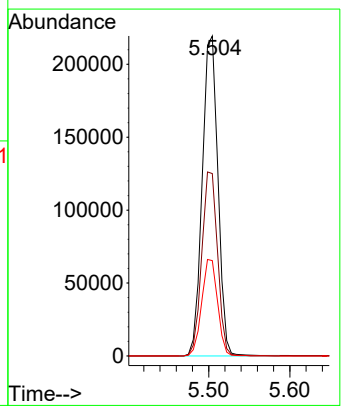


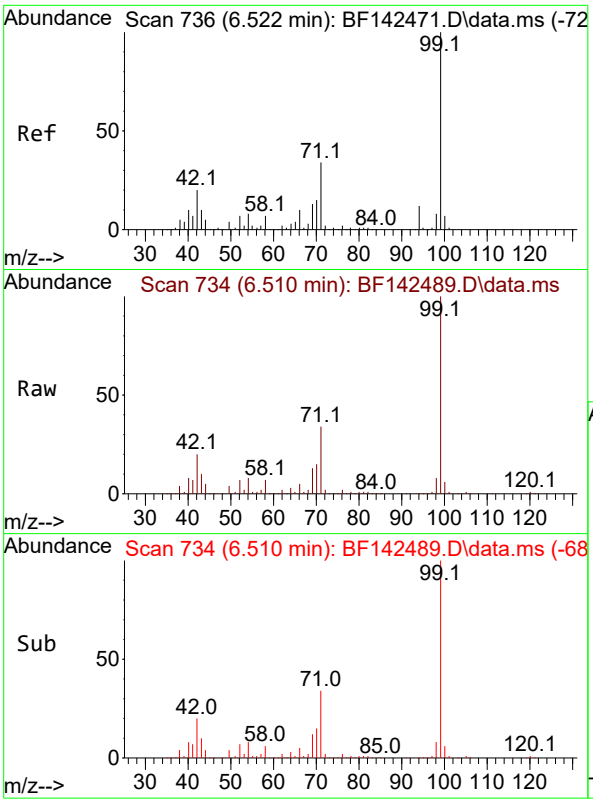


#5
2-Fluorophenol
Concen: 83.701 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.012 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:112 Resp: 294426

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.5	71.3
63	29.8	24.9	37.3



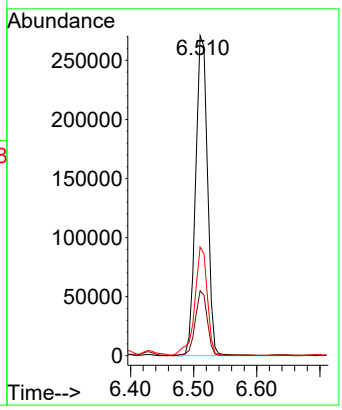


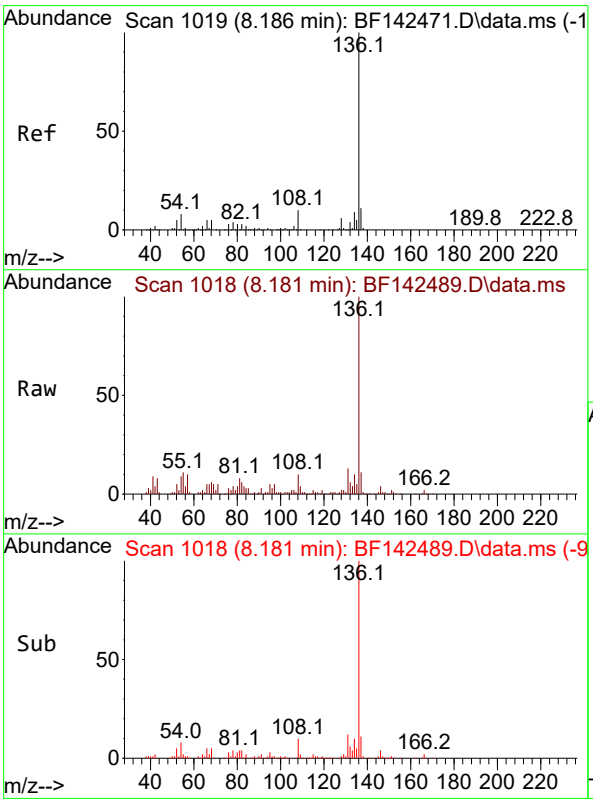
#7
Phenol-d6
Concen: 83.674 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.023 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion: 99 Resp: 354305

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	34.0	27.3	40.9

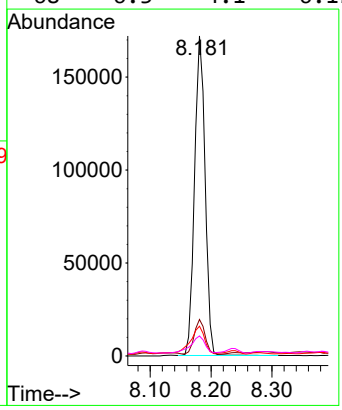


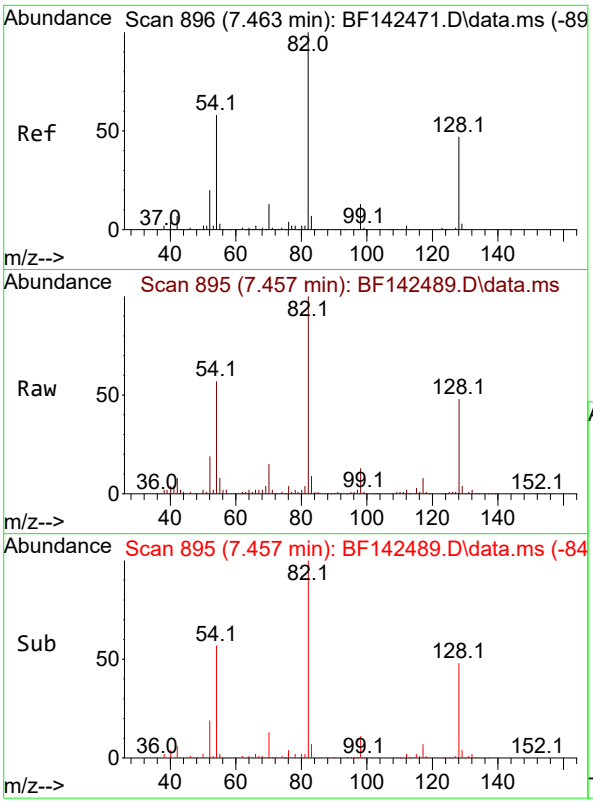


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:136 Resp: 206974

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.3	6.6	10.0
68	6.3	4.1	6.1#



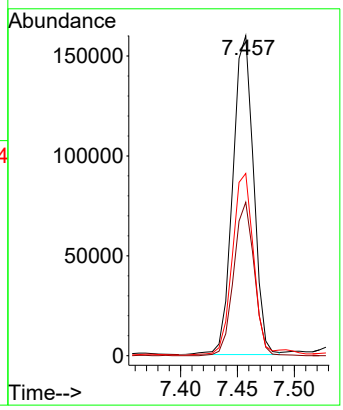


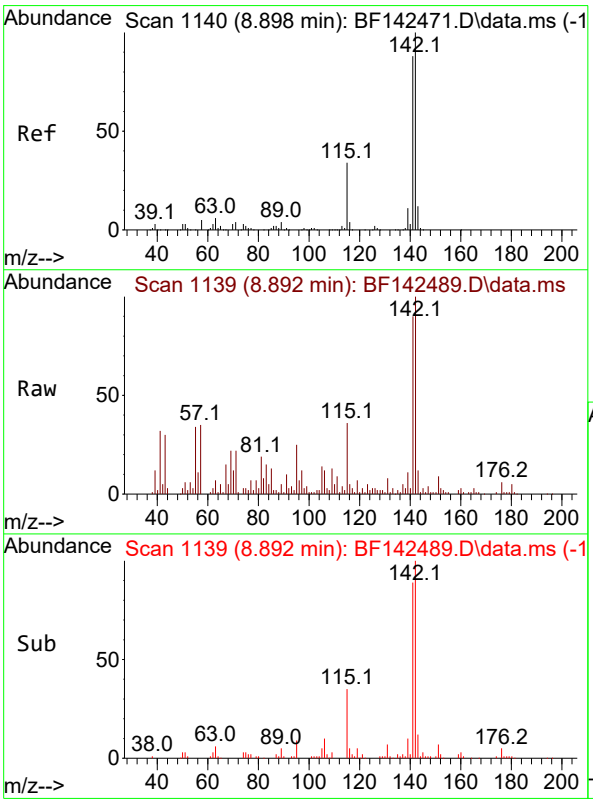
#23
Nitrobenzene-d5
Concen: 53.262 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion: 82 Resp: 202164

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	57.0	46.6	70.0

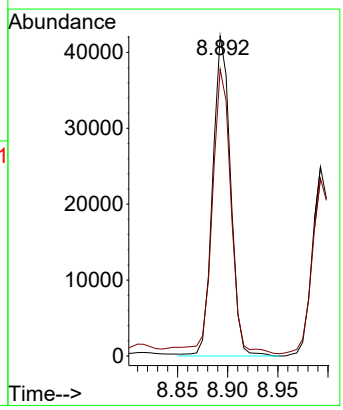


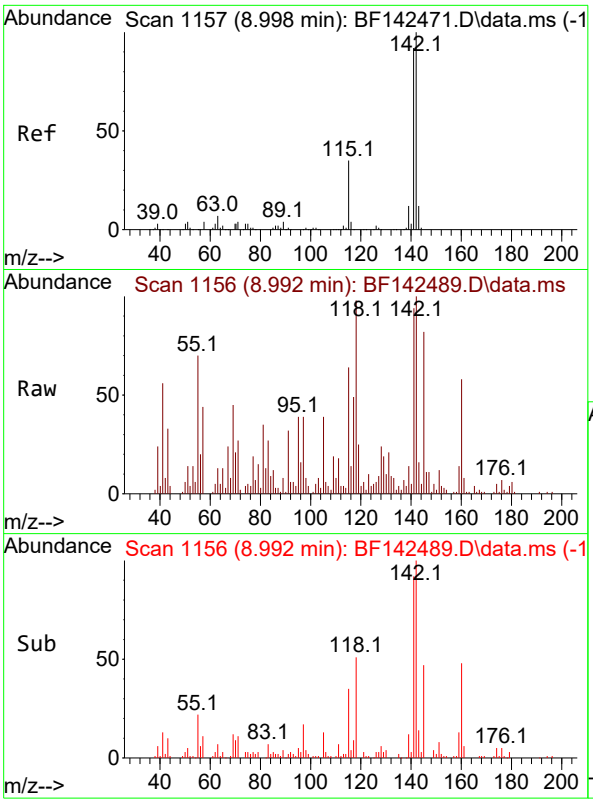


#37
2-Methylnaphthalene
Concen: 8.150 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:142 Resp: 52255

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.7	106.1



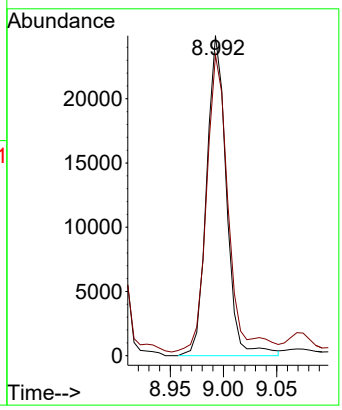


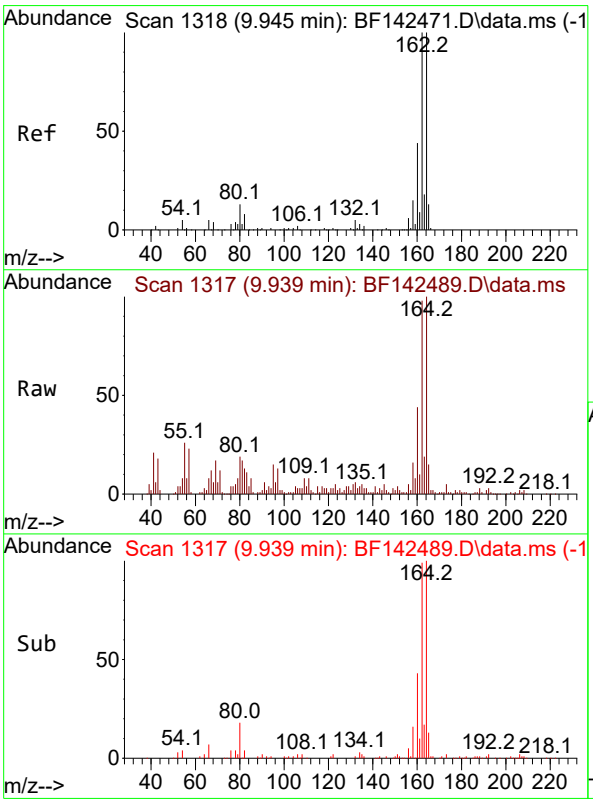
#38
1-Methylnaphthalene
Concen: 4.860 ng
RT: 8.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion:142 Resp: 32230

Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.4	110.2

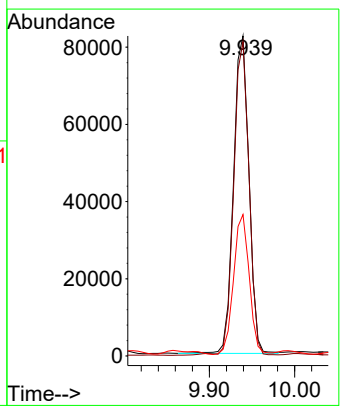


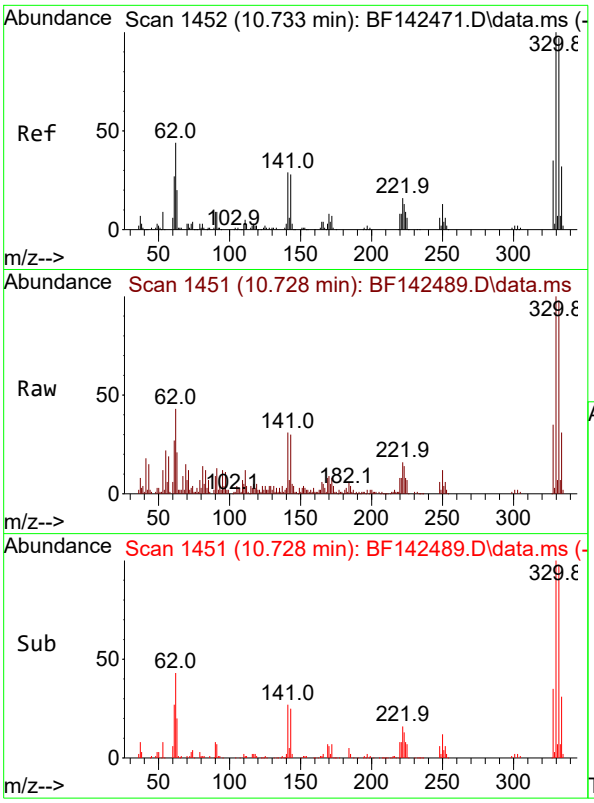


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:164 Resp: 103588

Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.2	120.4
160	44.2	35.6	53.4



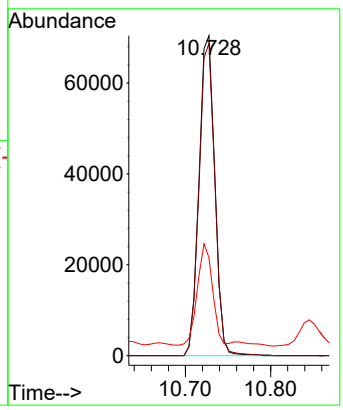


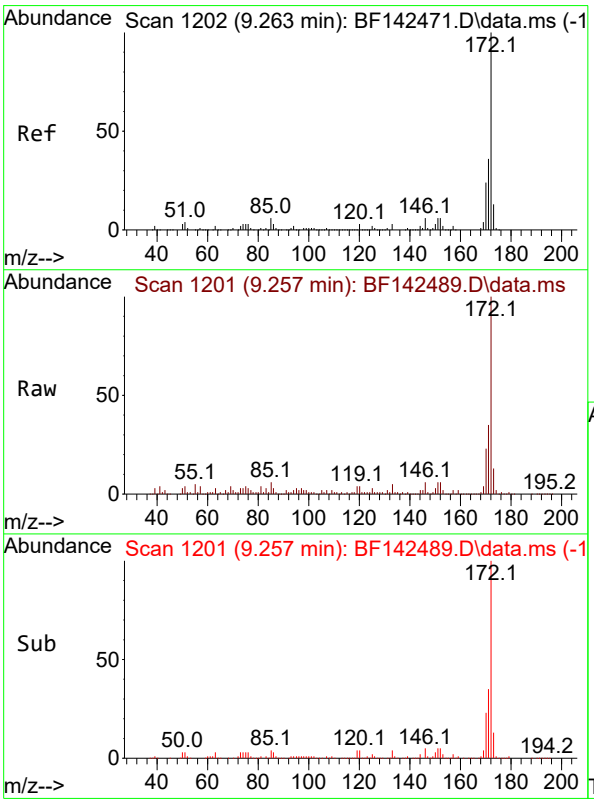
#42
2,4,6-Tribromophenol
Concen: 78.863 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion:330 Resp: 90668

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.6	116.4
141	30.2	24.6	36.8

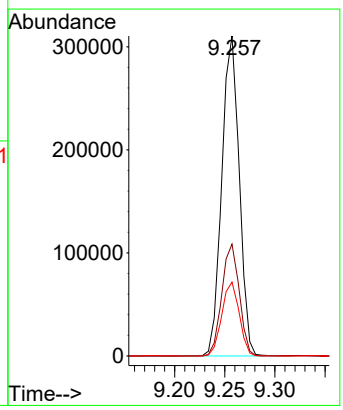


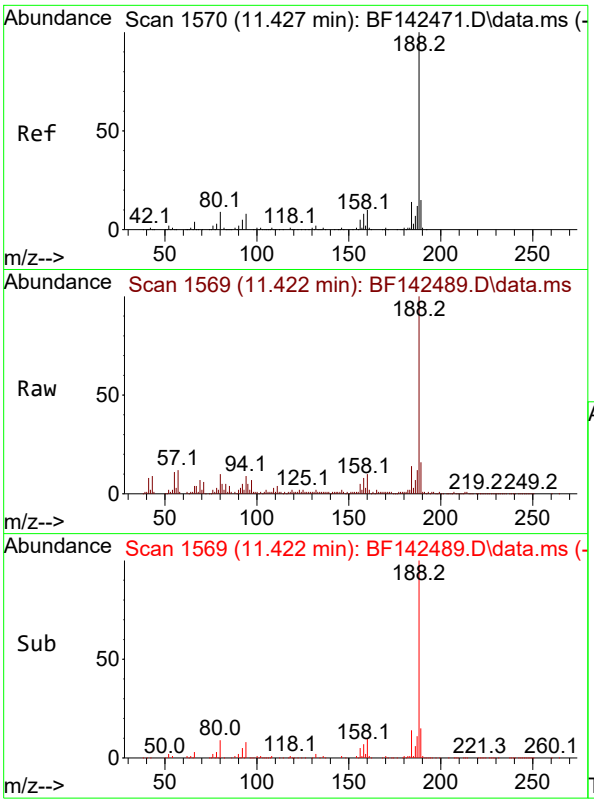


#45
2-Fluorobiphenyl
Concen: 48.596 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:172 Resp: 375145

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.1	18.9	28.3



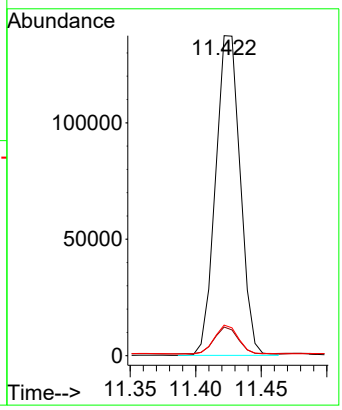


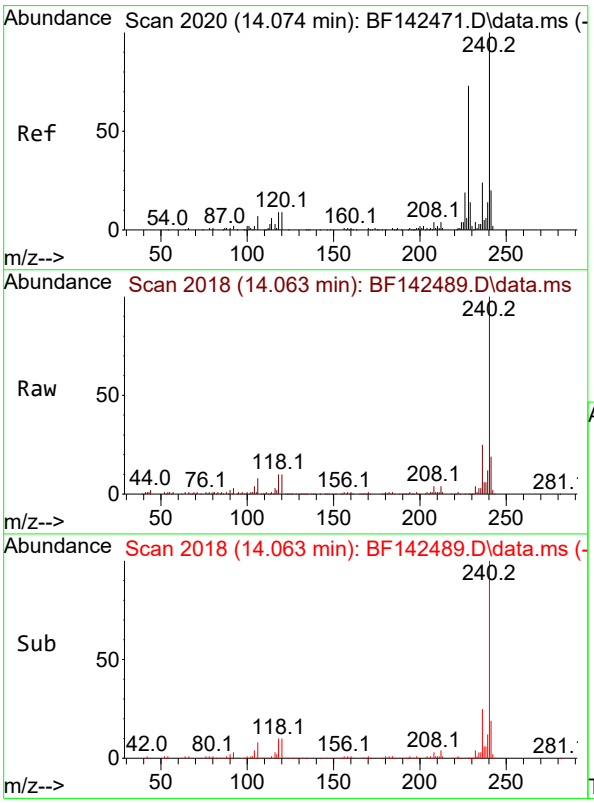
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion:188 Resp: 179364

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.6	7.4	11.0

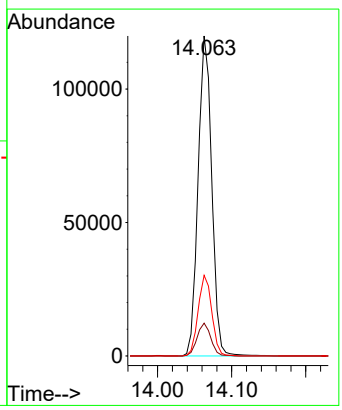


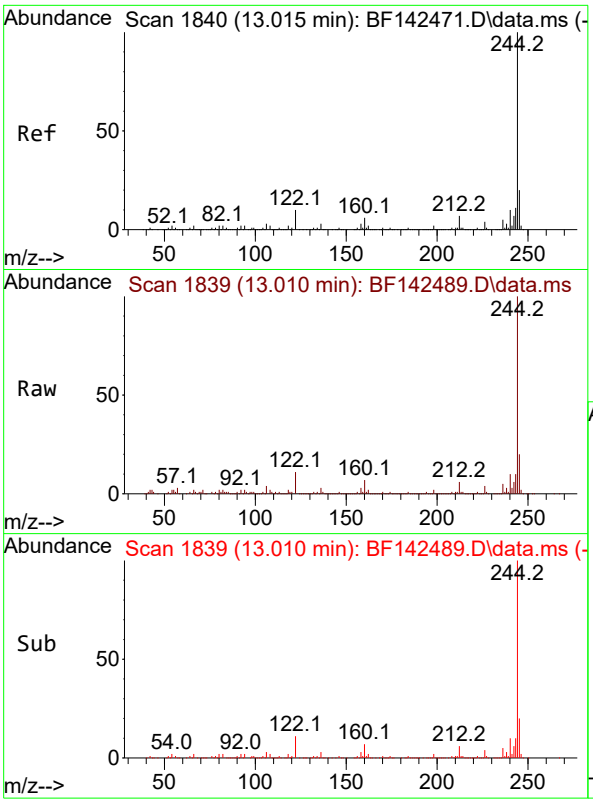


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:240 Resp: 153166

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.5	11.3
236	25.2	19.6	29.4



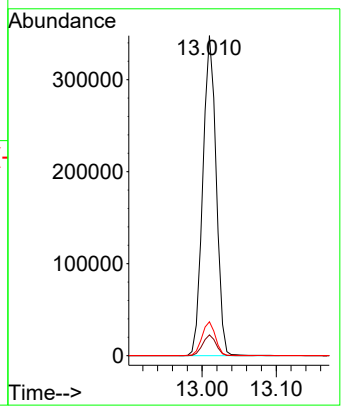


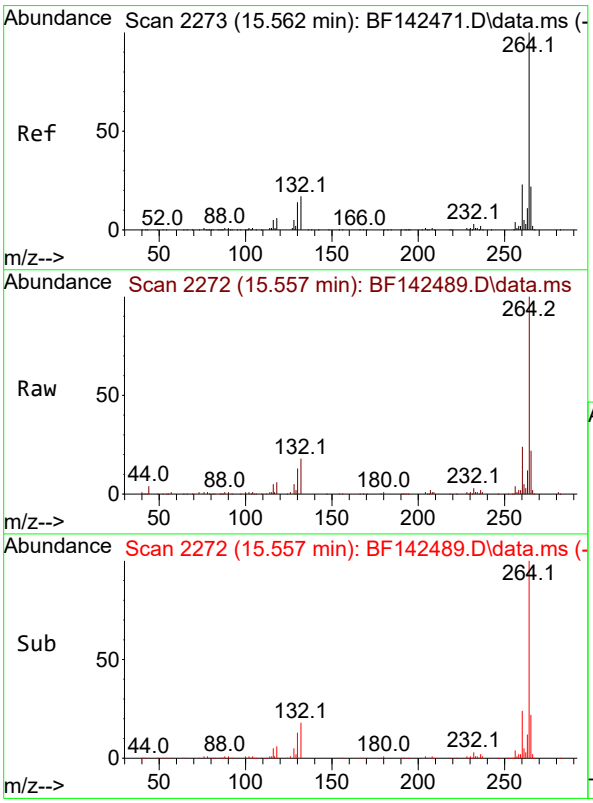
#79
Terphenyl-d14
Concen: 38.899 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Instrument :
BNA_F
ClientSampleId :
SS-MW1-11.5

Tgt Ion:244 Resp: 435991

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.6	8.2	12.2

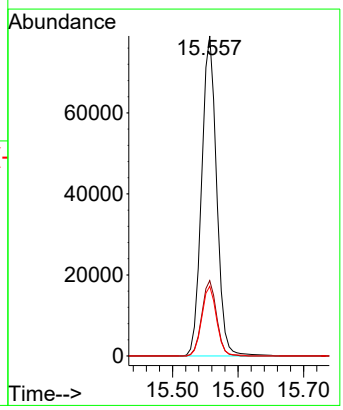




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142489.D
Acq: 21 May 2025 16:03

Tgt Ion:264 Resp: 125915

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.7	17.7	26.5



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05152025	SDG No.:	Q2075
Lab Sample ID:	Q2075-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024758.D	1	05/21/25 08:40	05/22/25 14:19	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	6.20	U	0.62	6.20	ug/L
208-96-8	Acenaphthylene	6.20	U	0.93	6.20	ug/L
83-32-9	Acenaphthene	6.20	U	0.68	6.20	ug/L
86-73-7	Fluorene	6.20	U	0.78	6.20	ug/L
85-01-8	Phenanthrene	6.20	U	0.62	6.20	ug/L
120-12-7	Anthracene	6.20	U	0.75	6.20	ug/L
206-44-0	Fluoranthene	6.20	U	1.00	6.20	ug/L
129-00-0	Pyrene	6.20	U	0.62	6.20	ug/L
56-55-3	Benzo(a)anthracene	6.20	U	0.56	6.20	ug/L
218-01-9	Chrysene	6.20	U	0.54	6.20	ug/L
205-99-2	Benzo(b)fluoranthene	6.20	U	0.60	6.20	ug/L
207-08-9	Benzo(k)fluoranthene	6.20	U	0.59	6.20	ug/L
50-32-8	Benzo(a)pyrene	6.20	U	0.68	6.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	6.20	U	0.73	6.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.20	U	0.83	6.20	ug/L
191-24-2	Benzo(g,h,i)perylene	6.20	U	0.85	6.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	66.0		49 - 133	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	63.0		52 - 132	63%	SPK: 100
1718-51-0	Terphenyl-d14	83.4		48 - 125	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	104000	7.652			
1146-65-2	Naphthalene-d8	395000	10.422			
15067-26-2	Acenaphthene-d10	245000	14.287			
1517-22-2	Phenanthrene-d10	487000	17.086			
1719-03-5	Chrysene-d12	600000	21.522			
1520-96-3	Perylene-d12	736000	24.815			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05152025	SDG No.:	Q2075
Lab Sample ID:	Q2075-07	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	810 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024758.D	1	05/21/25 08:40	05/22/25 14:19	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
Data File : BP024758.D
Acq On : 22 May 2025 14:19
Operator : RC/JU
Sample : Q2075-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Quant Time: May 22 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

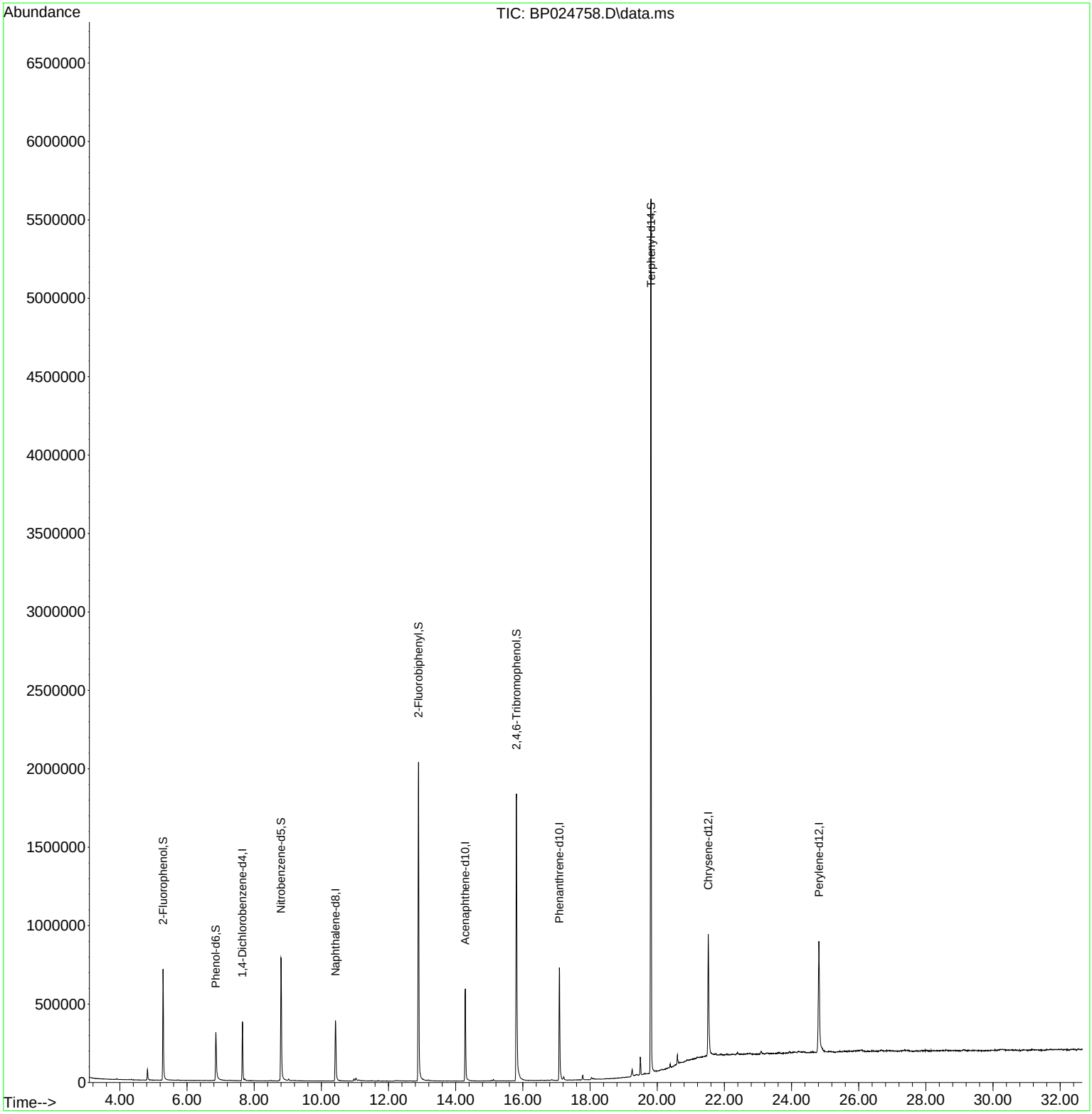
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	103638	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	395386	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	244728	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	486633	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	599957	20.000	ng	0.00
86) Perylene-d12	24.815	264	736321	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	336298	55.500	ng	0.00
7) Phenol-d6	6.858	99	239572	30.979	ng	0.00
23) Nitrobenzene-d5	8.799	82	516248	65.971	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	536704	129.362	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1177257	63.023	ng	-0.01
79) Terphenyl-d14	19.816	244	2916666	83.359	ng	0.00
Target Compounds						Qvalue

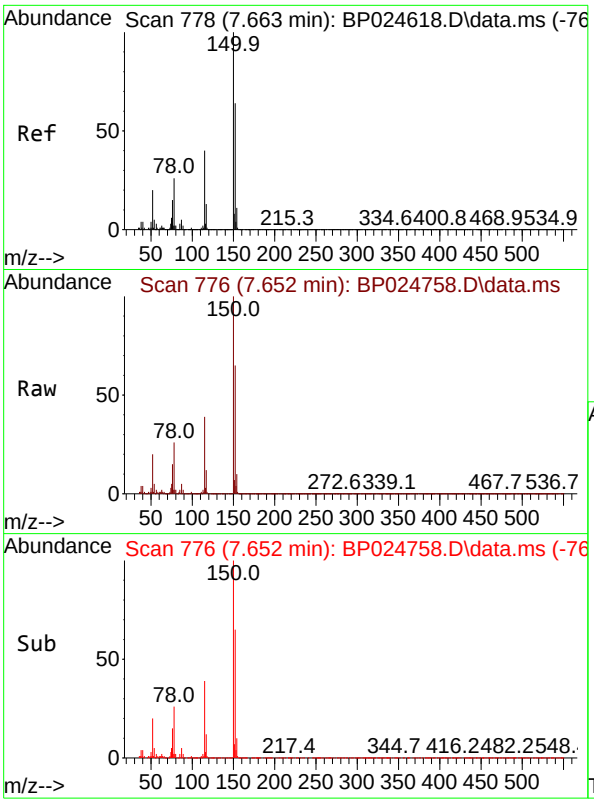
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024758.D
Acq On : 22 May 2025 14:19
Operator : RC/JU
Sample : Q2075-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Quant Time: May 22 14:41:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



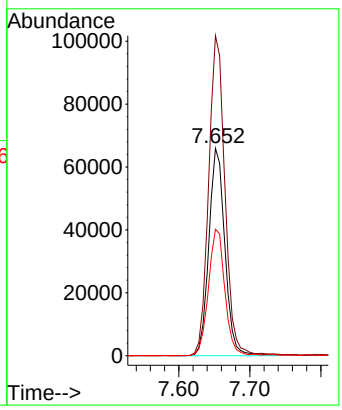


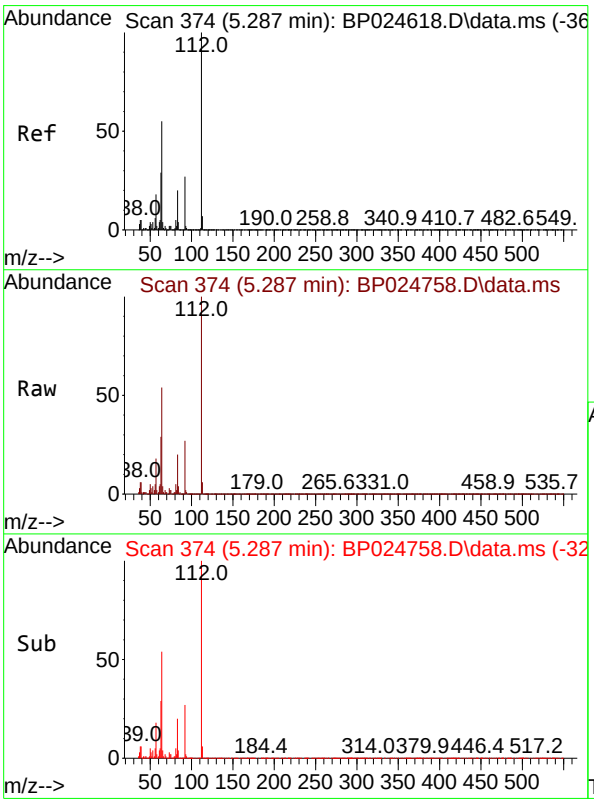
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion:152 Resp: 103638

Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.9	188.9
115	60.9	50.1	75.1

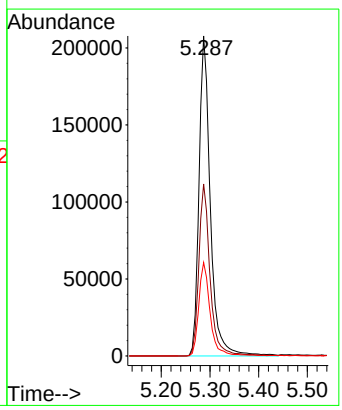


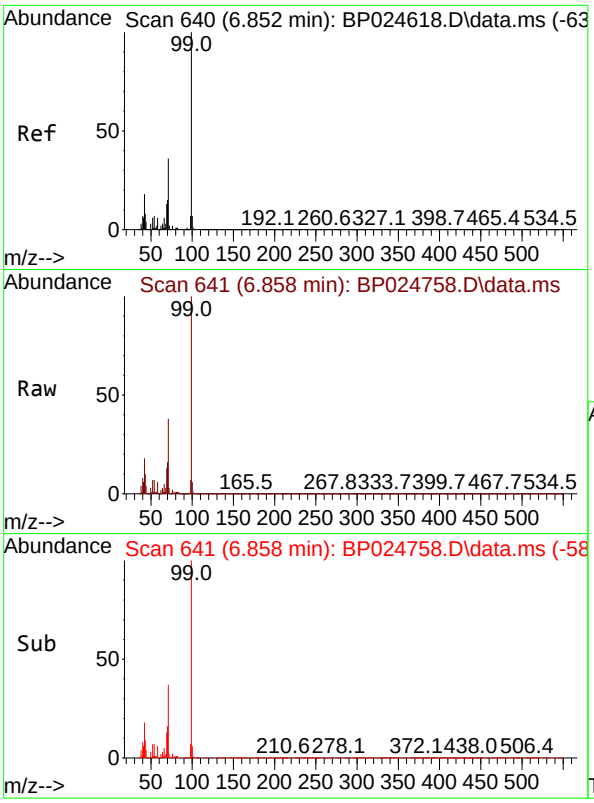


#5
2-Fluorophenol
Concen: 55.500 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:112 Resp: 336298

Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.1	66.1
63	29.2	23.5	35.3



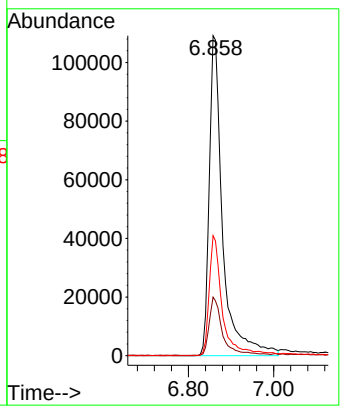


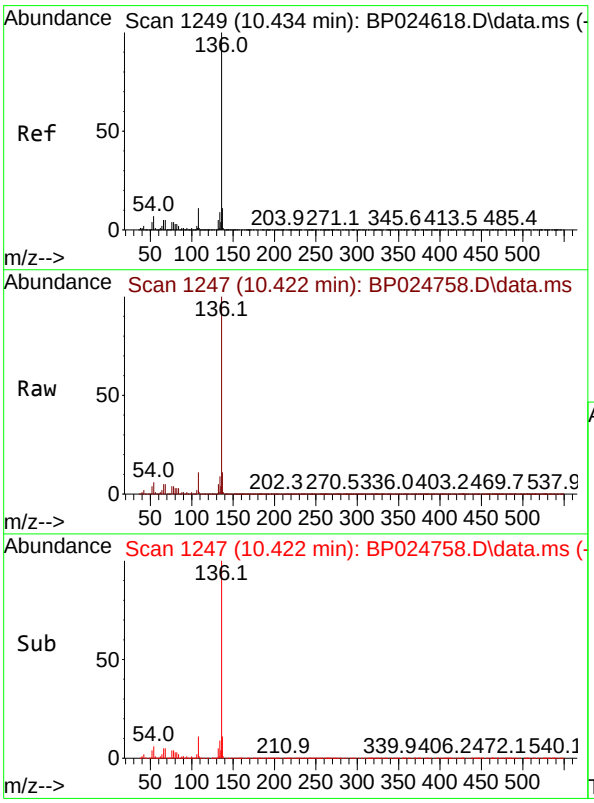
#7
Phenol-d6
Concen: 30.979 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion: 99 Resp: 239572

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.4	21.6
71	37.5	29.2	43.8

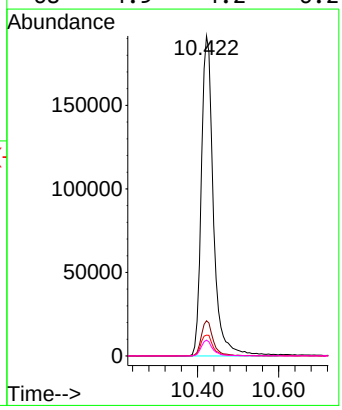


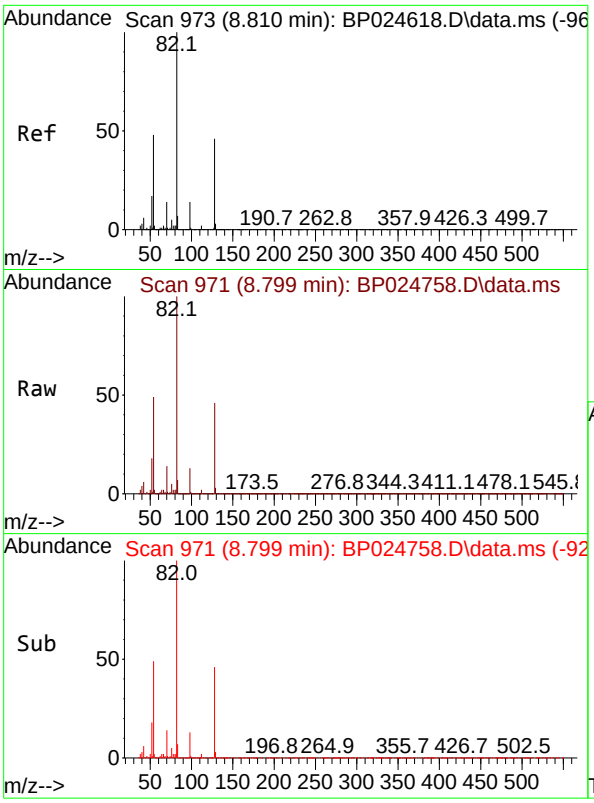


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:136 Resp: 395386

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.5	8.3
68	4.9	4.2	6.2



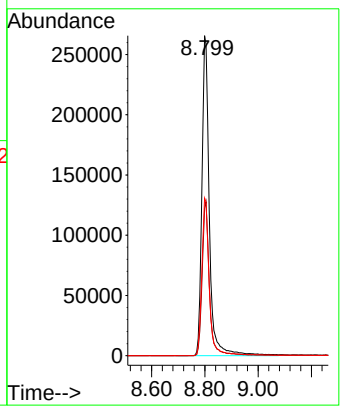


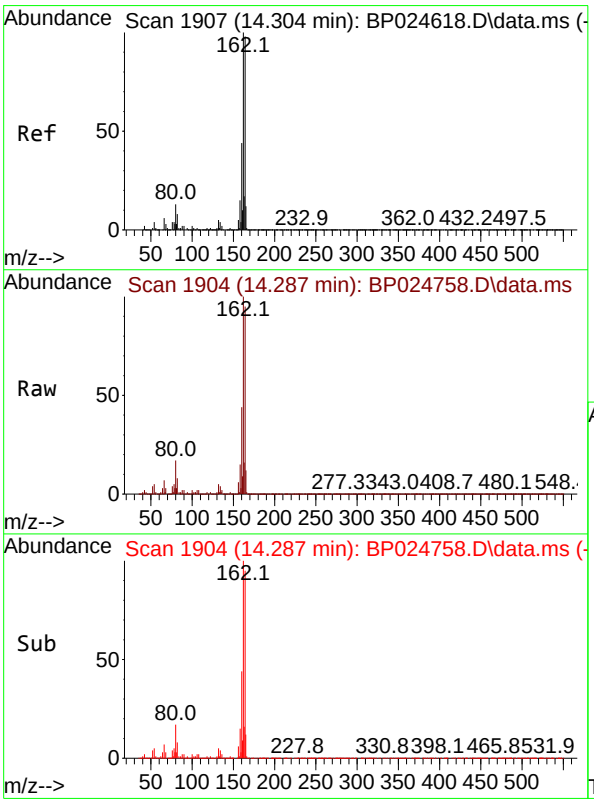
#23
Nitrobenzene-d5
Concen: 65.971 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion: 82 Resp: 516248

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	49.3	38.7	58.1

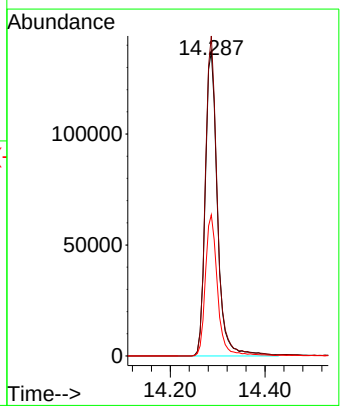


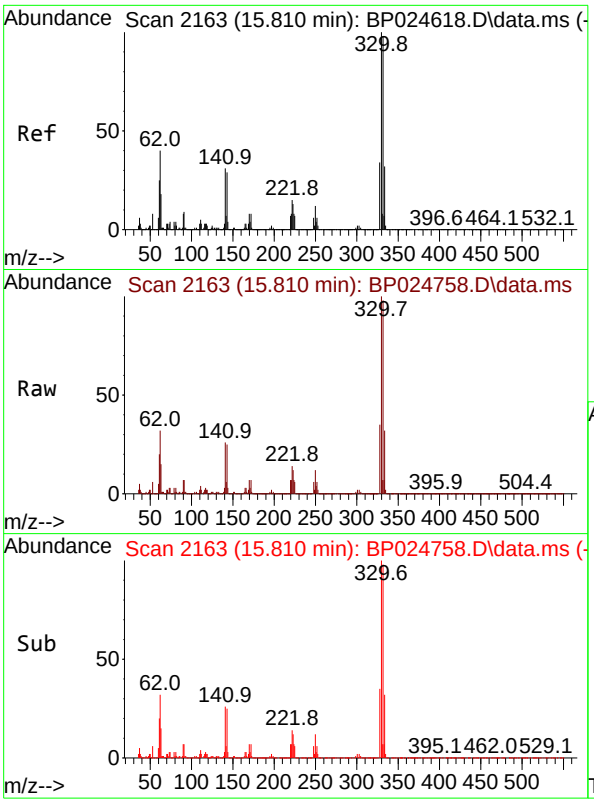


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:164 Resp: 244728

Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.8	122.6
160	46.4	36.3	54.5



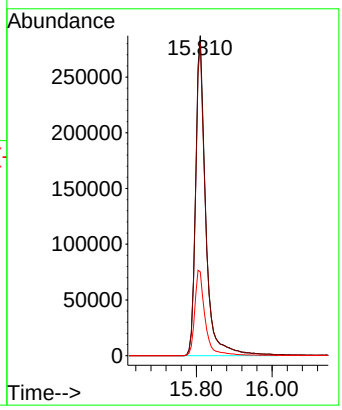


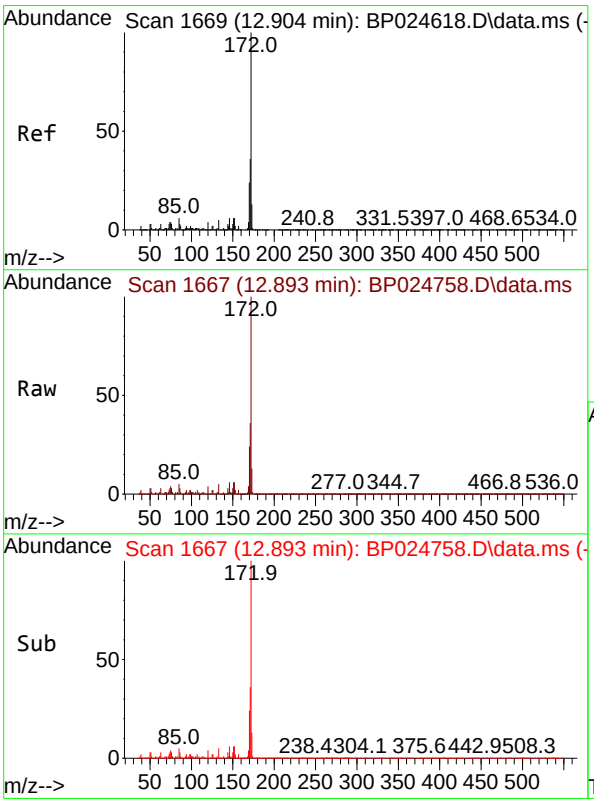
#42
2,4,6-Tribromophenol
Concen: 129.362 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion:330 Resp: 536704

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.2	117.4
141	27.3	24.3	36.5

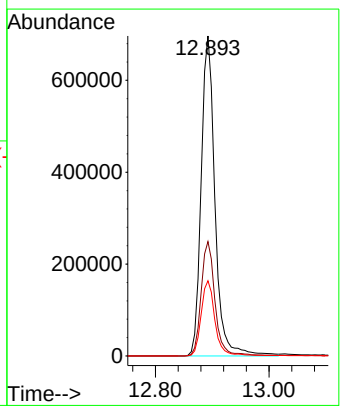


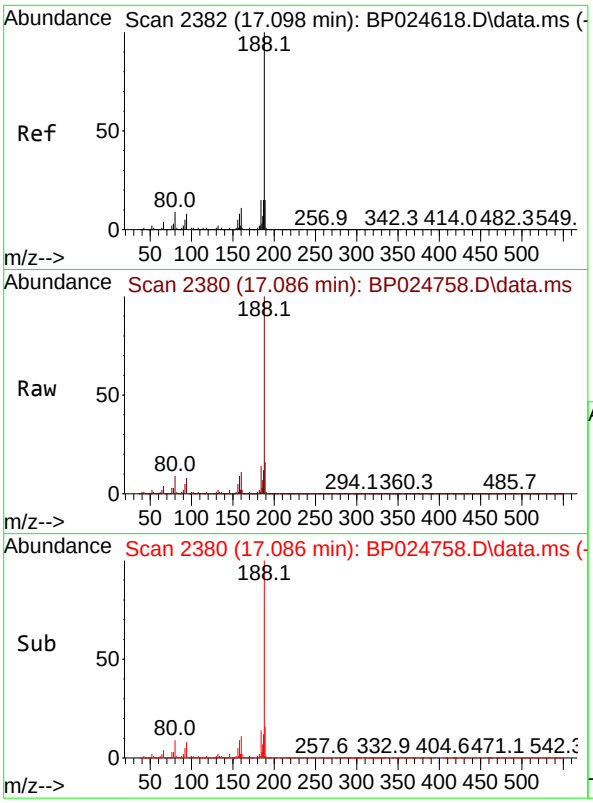


#45
2-Fluorobiphenyl
Concen: 63.023 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:172 Resp: 1177257

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.5	18.8	28.2



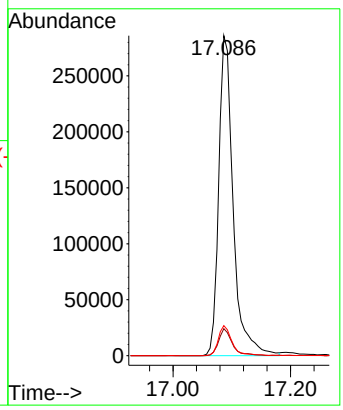


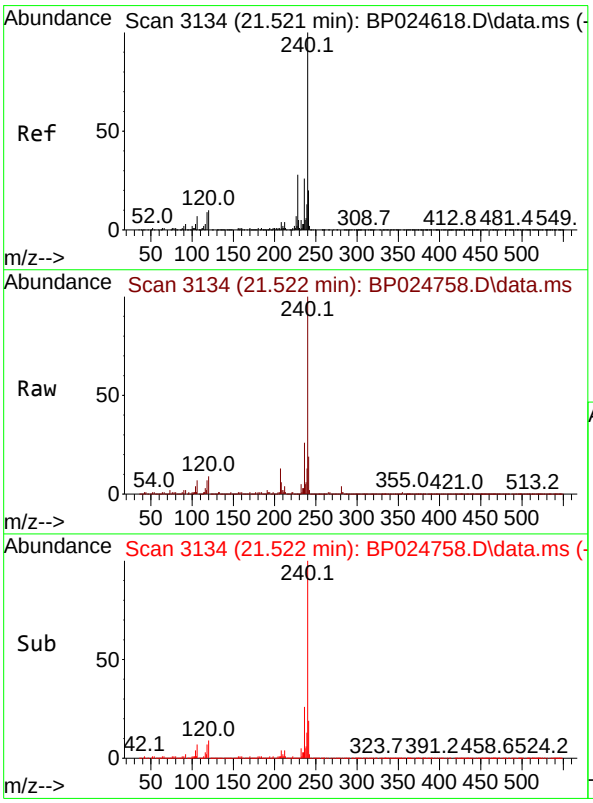
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion:188 Resp: 486633

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.5	9.7
80	9.4	7.3	10.9

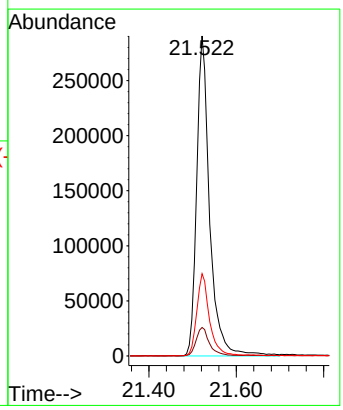


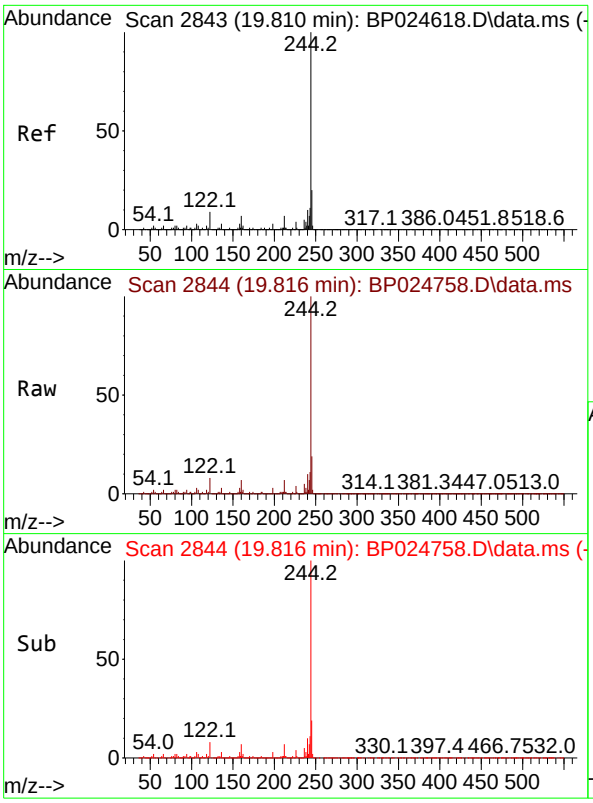


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:240 Resp: 599957

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	25.7	20.6	31.0



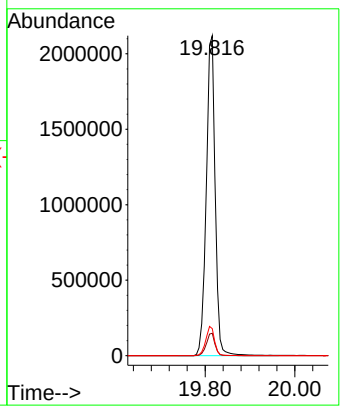


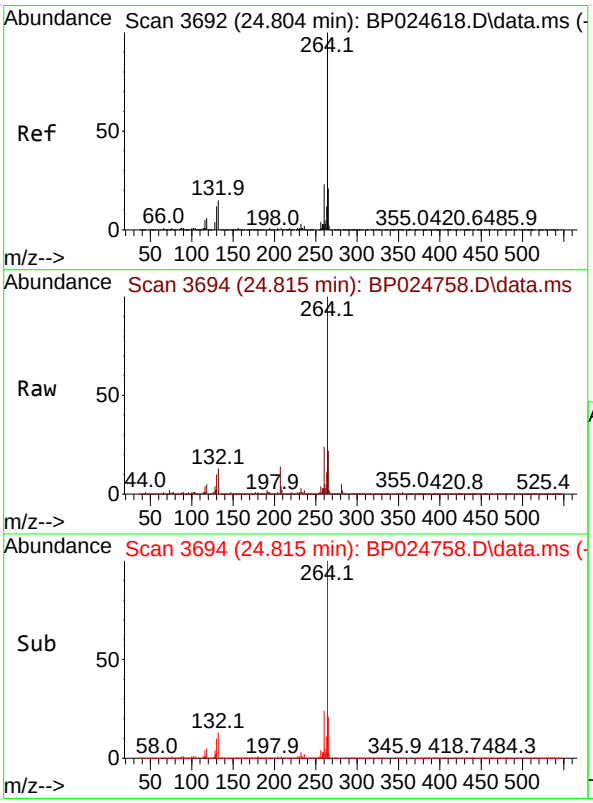
#79
Terphenyl-d14
Concen: 83.359 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion:244 Resp: 2916666

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	8.5	7.4	11.0

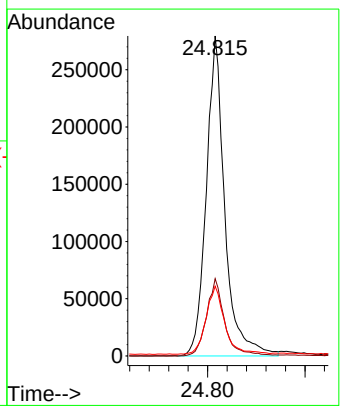




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:264 Resp: 736321

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.8	17.0	25.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05162025	SDG No.:	Q2075
Lab Sample ID:	Q2075-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024748.D	1	05/21/25 08:40	05/21/25 22:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.30	U	0.53	5.30	ug/L
208-96-8	Acenaphthylene	5.30	U	0.80	5.30	ug/L
83-32-9	Acenaphthene	5.30	U	0.59	5.30	ug/L
86-73-7	Fluorene	5.30	U	0.67	5.30	ug/L
85-01-8	Phenanthrene	5.30	U	0.53	5.30	ug/L
120-12-7	Anthracene	5.30	U	0.65	5.30	ug/L
206-44-0	Fluoranthene	5.30	U	0.87	5.30	ug/L
129-00-0	Pyrene	5.30	U	0.53	5.30	ug/L
56-55-3	Benzo(a)anthracene	5.30	U	0.48	5.30	ug/L
218-01-9	Chrysene	5.30	U	0.47	5.30	ug/L
205-99-2	Benzo(b)fluoranthene	5.30	U	0.52	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	5.30	U	0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	5.30	U	0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.30	U	0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.30	U	0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	5.30	U	0.73	5.30	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.7		49 - 133	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.4		52 - 132	74%	SPK: 100
1718-51-0	Terphenyl-d14	89.5		48 - 125	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	87700	7.652			
1146-65-2	Naphthalene-d8	326000	10.422			
15067-26-2	Acenaphthene-d10	217000	14.286			
1517-22-2	Phenanthrene-d10	458000	17.092			
1719-03-5	Chrysene-d12	547000	21.51			
1520-96-3	Perylene-d12	672000	24.798			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	FB-05162025	SDG No.:	Q2075
Lab Sample ID:	Q2075-08	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024748.D	1	05/21/25 08:40	05/21/25 22:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052125\
Data File : BP024748.D
Acq On : 21 May 2025 22:18
Operator : RC/JU
Sample : Q2075-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Quant Time: May 22 03:05:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

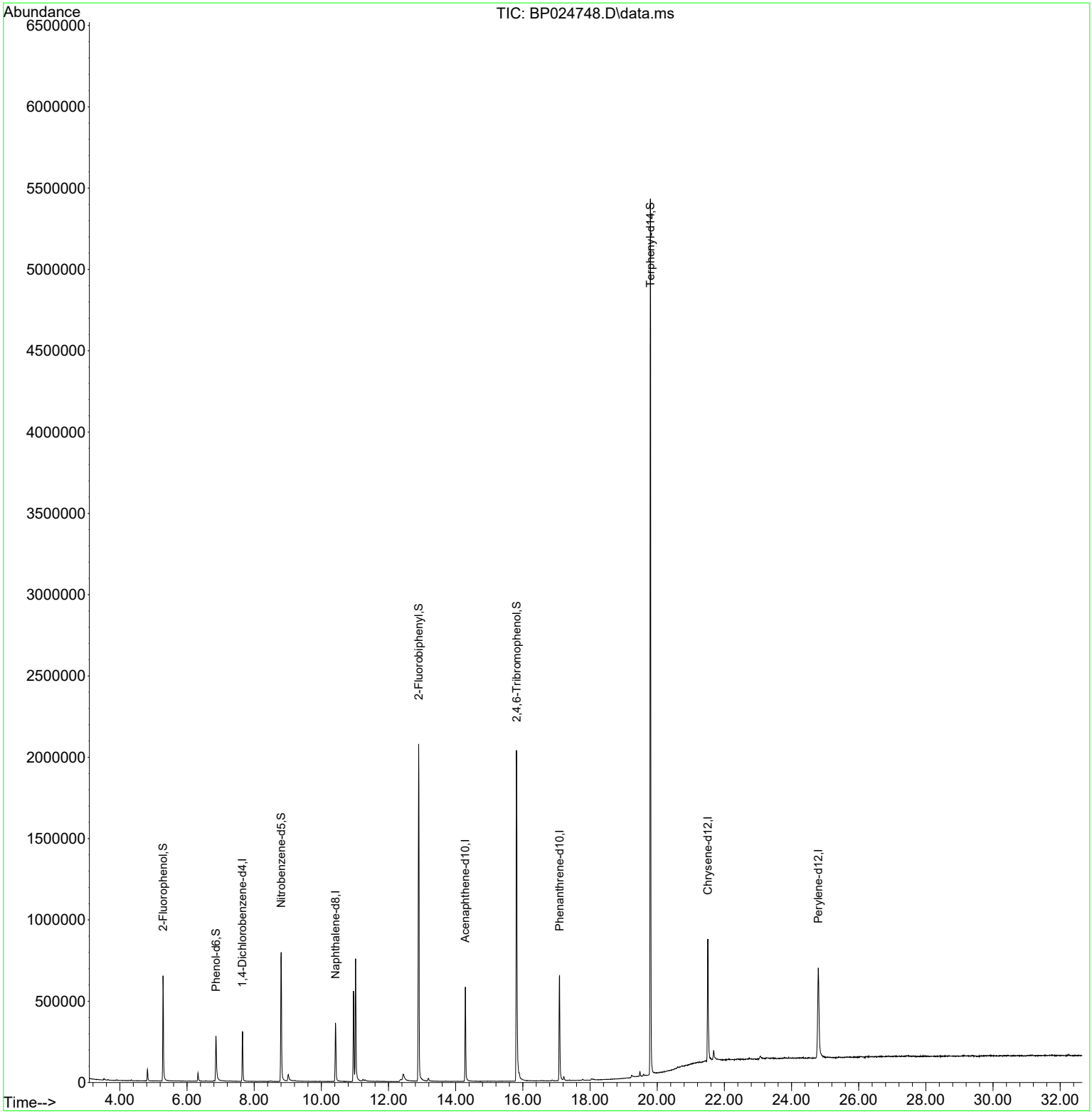
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	87679	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	325514	20.000	ng	#-0.01
39) Acenaphthene-d10	14.286	164	217493	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	457611	20.000	ng	0.00
76) Chrysene-d12	21.510	240	547413	20.000	ng	-0.01
86) Perylene-d12	24.798	264	671507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	302970	59.101	ng	0.00
7) Phenol-d6	6.863	99	209036	31.950	ng	0.01
23) Nitrobenzene-d5	8.804	82	474813	73.701	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	589837	159.972	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1234902	74.387	ng	0.00
79) Terphenyl-d14	19.798	244	2857336	89.502	ng	-0.01
Target Compounds						Qvalue

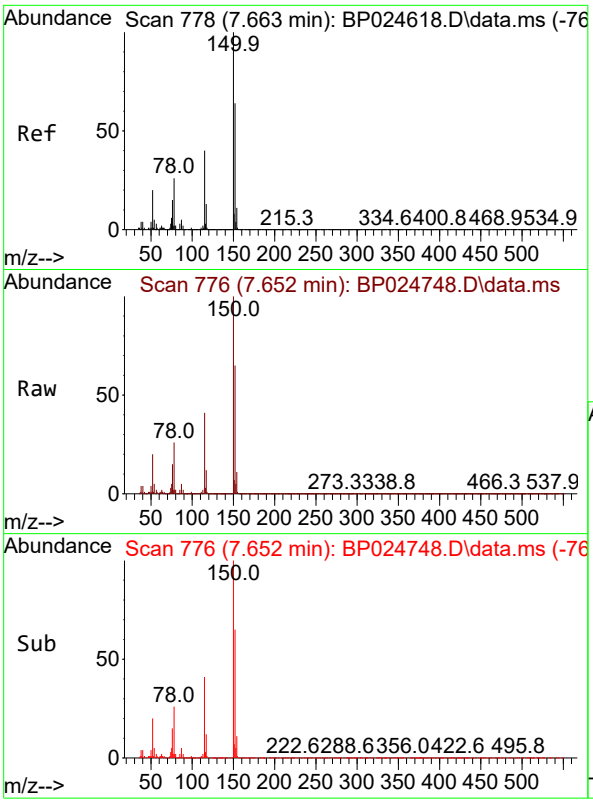
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024748.D
Acq On : 21 May 2025 22:18
Operator : RC/JU
Sample : Q2075-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Quant Time: May 22 03:05:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



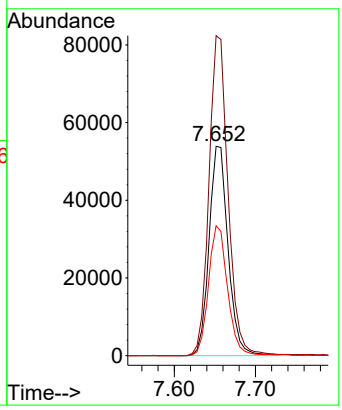


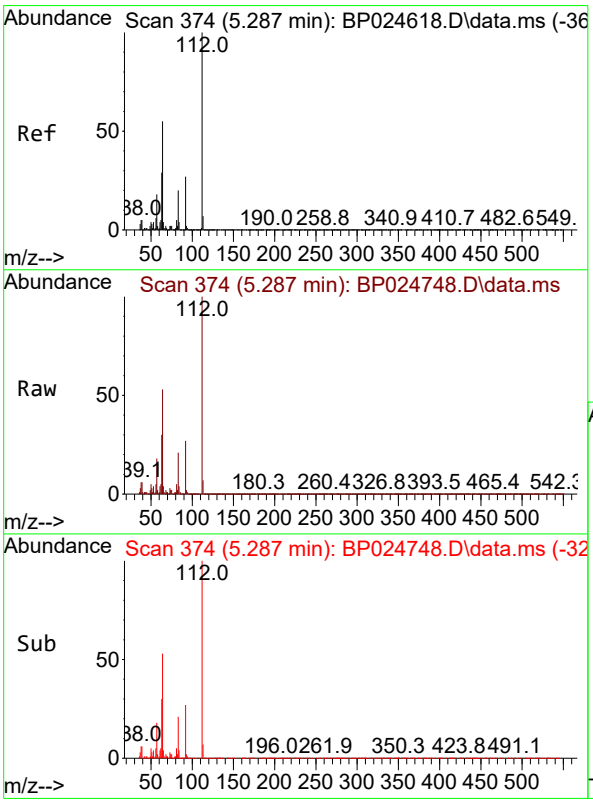
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion:152 Resp: 87679

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.9	188.9
115	62.1	50.1	75.1

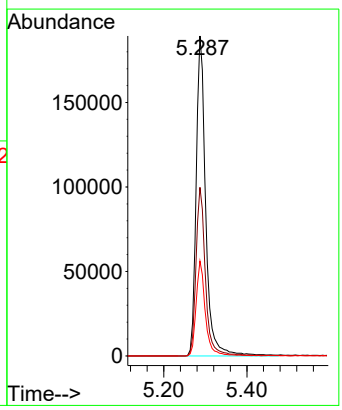


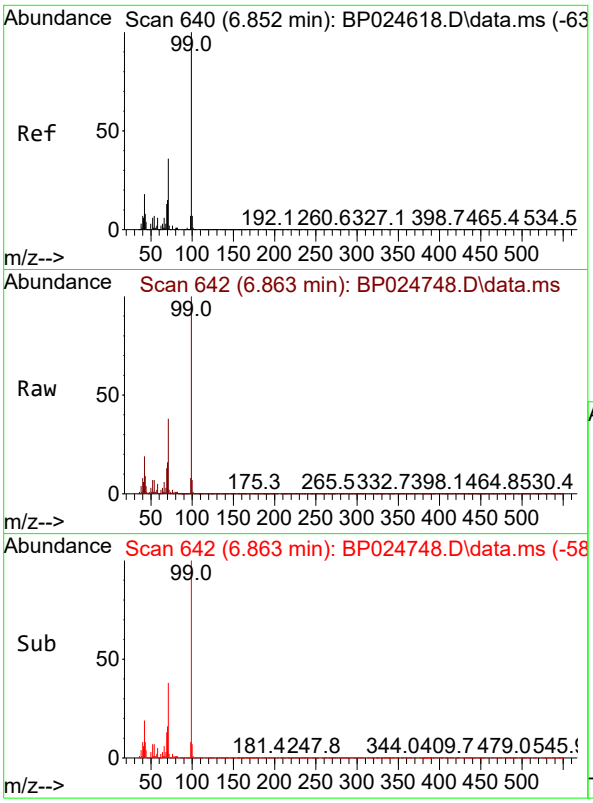


#5
2-Fluorophenol
Concen: 59.101 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.000 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:112 Resp: 302970

Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.1	66.1
63	29.7	23.5	35.3



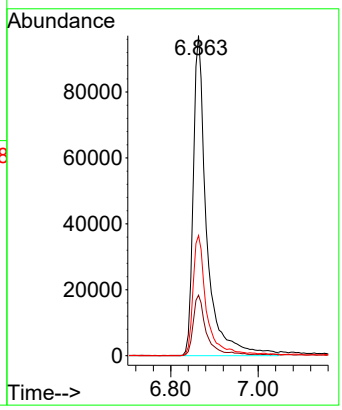


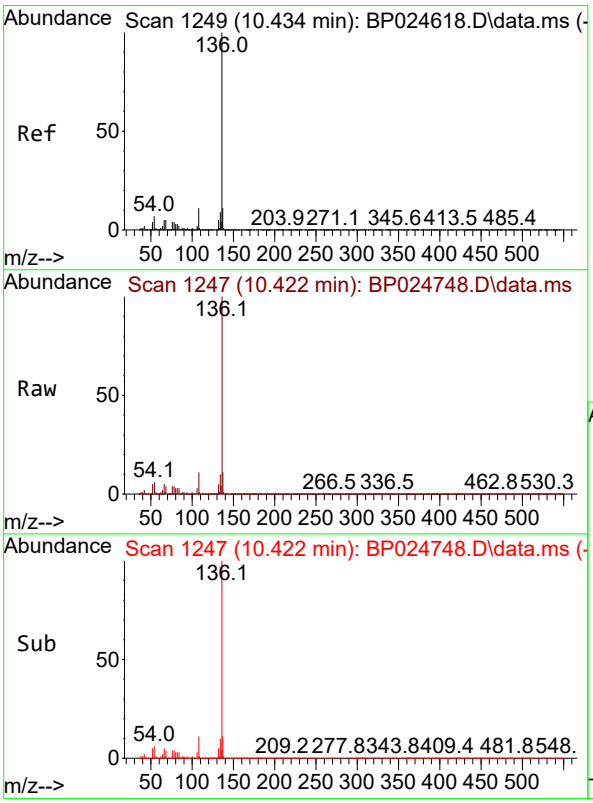
#7
Phenol-d6
Concen: 31.950 ng
RT: 6.863 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion: 99 Resp: 209036

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.4	21.6
71	37.5	29.2	43.8

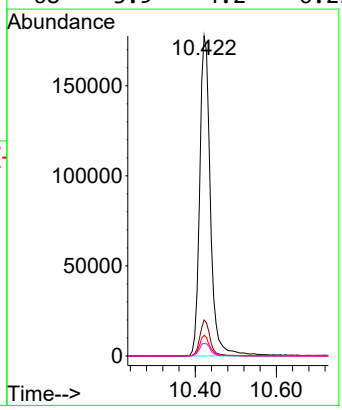


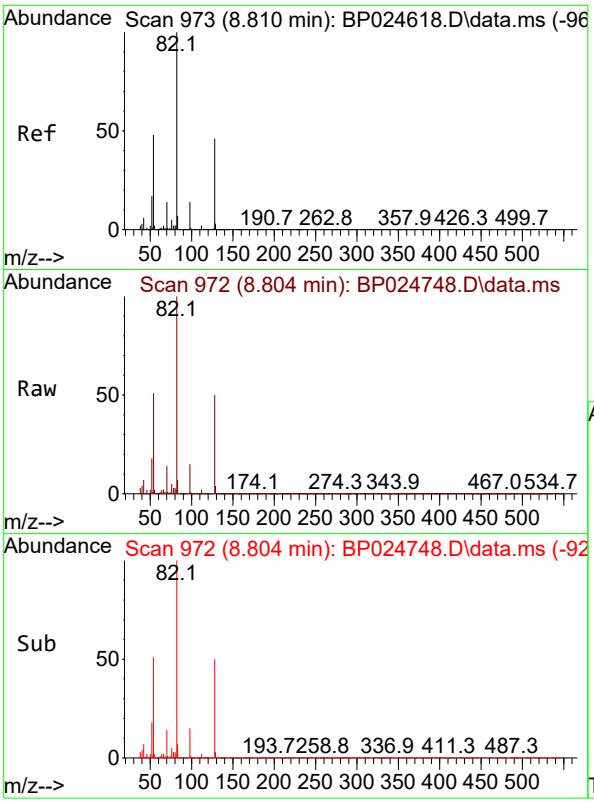


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:136 Resp: 325514

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.5	5.5	8.3
68	3.9	4.2	6.2#



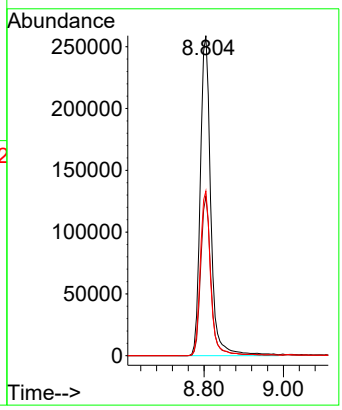


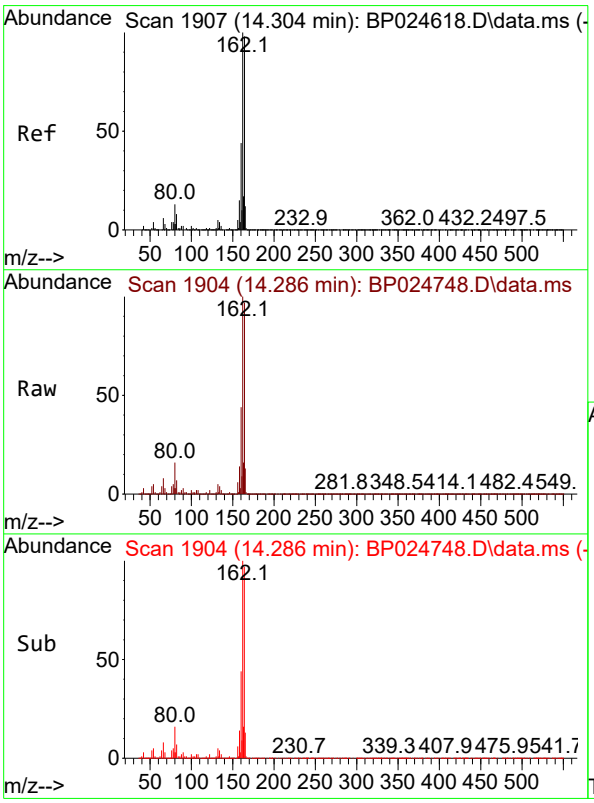
#23
Nitrobenzene-d5
Concen: 73.701 ng
RT: 8.804 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion: 82 Resp: 474813

Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.0	55.4
54	51.5	38.7	58.1

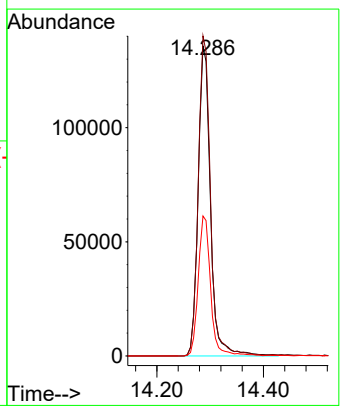


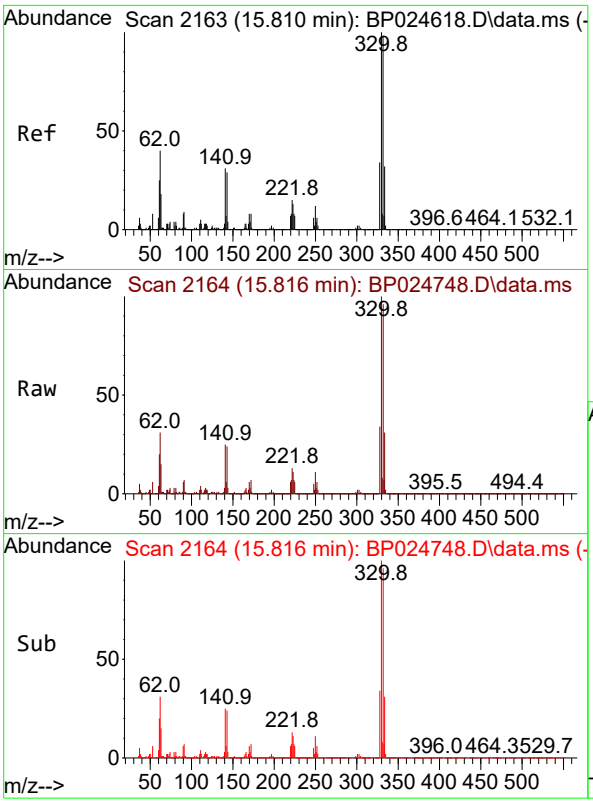


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:164 Resp: 217493

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.6
160	45.2	36.3	54.5



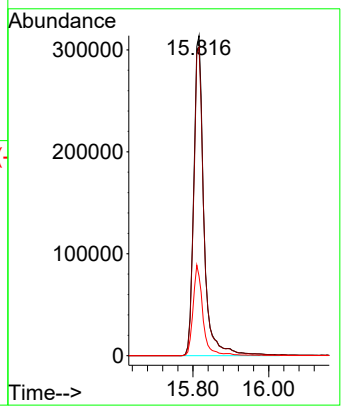


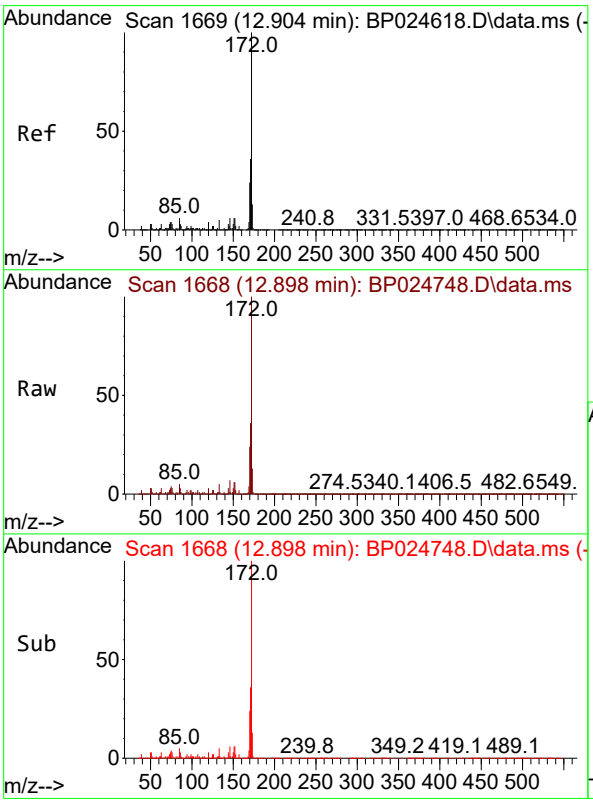
#42
2,4,6-Tribromophenol
Concen: 159.972 ng
RT: 15.816 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion:330 Resp: 589837

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.4
141	26.6	24.3	36.5

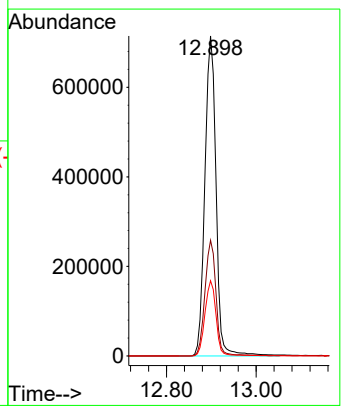


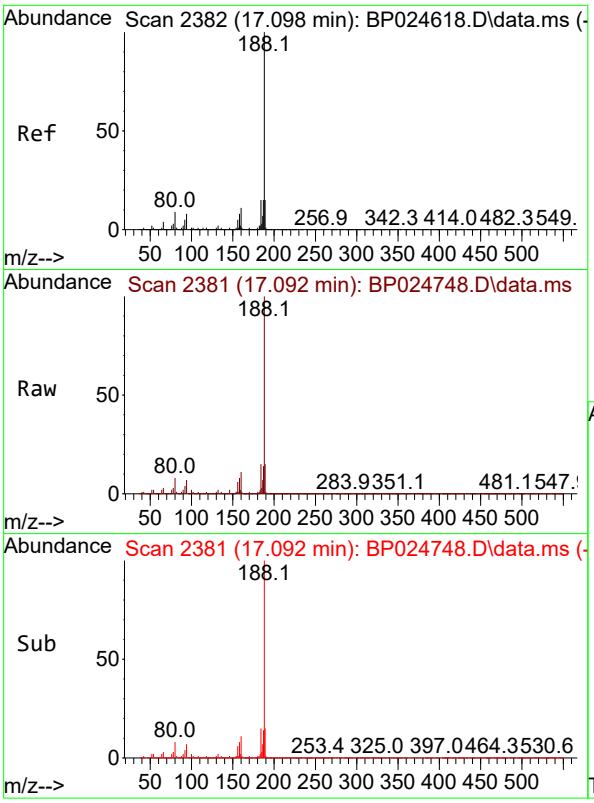


#45
2-Fluorobiphenyl
Concen: 74.387 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:172 Resp: 1234902

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.5	18.8	28.2



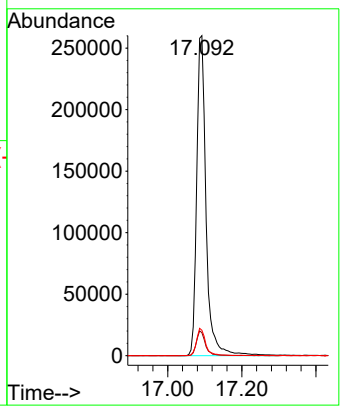


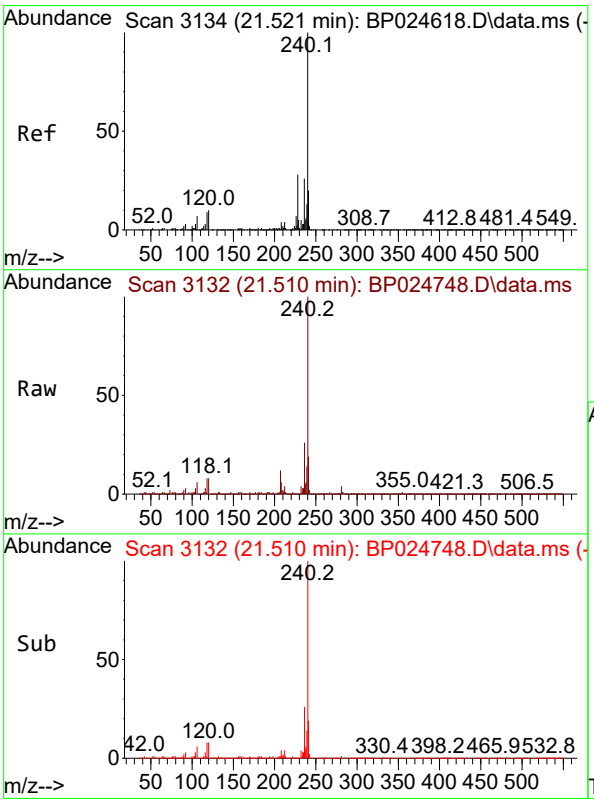
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion:188 Resp: 457611

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.5	9.7
80	8.0	7.3	10.9

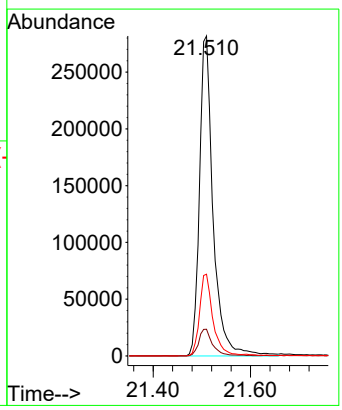


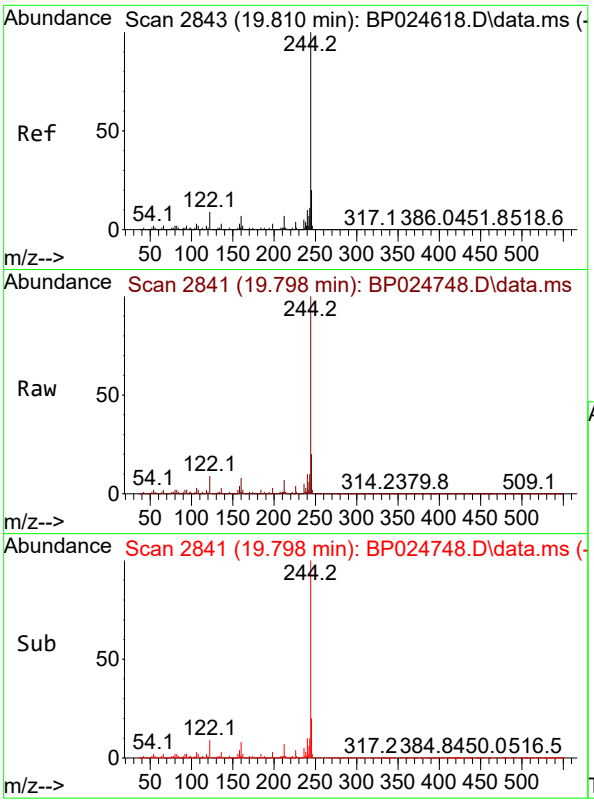


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:240 Resp: 547413

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.8	11.6
236	25.5	20.6	31.0



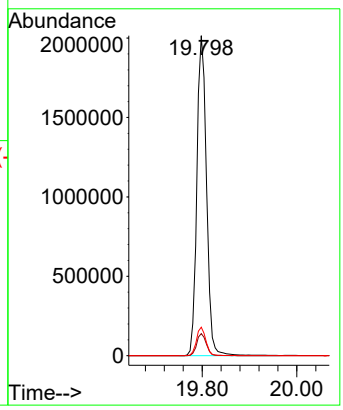


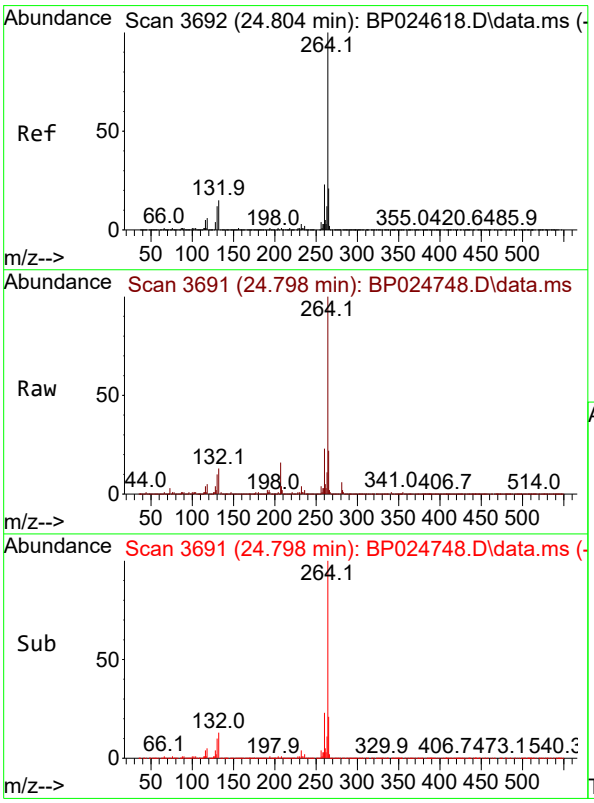
#79
Terphenyl-d14
Concen: 89.502 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Instrument :
BNA_P
ClientSampleId :
FB-05162025

Tgt Ion:244 Resp: 2857336

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	8.9	7.4	11.0

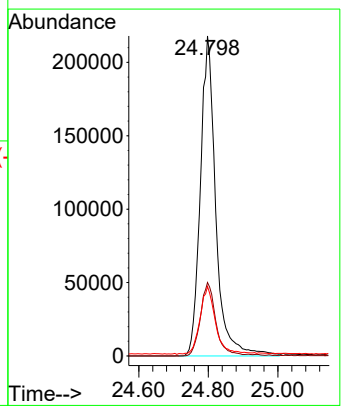




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024748.D
Acq: 21 May 2025 22:18

Tgt Ion:264 Resp: 671507

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.7	17.0	25.6



CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142467.D 5 =BF142468.D 10 =BF142469.D 20 =BF142470.D 40 =BF142471.D 50 =BF142472.D 60 =BF142473.D 80 =BF1424
74.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.493	0.460	0.474	0.458	0.500	0.486	0.456	0.475	3.79
3)		Pyridine		1.237	1.150	1.212	1.170	1.273	1.234	1.190	1.210	3.52
4)		n-Nitrosodimet...		0.612	0.593	0.627	0.619	0.673	0.652	0.621	0.628	4.21
5)	S	2-Fluorophenol		1.264	1.214	1.225	1.125	1.220	1.164	1.098	1.187	5.03
6)		Aniline		2.044	1.889	1.963	1.844	1.993	1.910	1.808	1.921	4.35
7)	S	Phenol-d6		1.530	1.449	1.459	1.367	1.467	1.403	1.328	1.429	4.77
8)		2-Chlorophenol		1.345	1.293	1.315	1.252	1.338	1.285	1.223	1.293	3.44
9)		Benzaldehyde		1.035	0.975	0.969	0.817	0.872	0.758	0.591	0.859	17.81
10)	C	Phenol		1.716	1.621	1.646	1.530	1.657	1.597	1.487	1.608	4.85
11)		bis(2-Chloroet...		1.202	1.155	1.168	1.108	1.209	1.156	1.105	1.157	3.52
12)		1,3-Dichlorobe...		1.562	1.470	1.473	1.389	1.482	1.407	1.317	1.443	5.48
13)	C	1,4-Dichlorobe...		1.540	1.476	1.491	1.407	1.495	1.430	1.335	1.453	4.70
14)		1,2-Dichlorobe...		1.495	1.405	1.436	1.327	1.432	1.357	1.284	1.391	5.20
15)		Benzyl Alcohol		1.059	1.024	1.058	1.021	1.131	1.073	1.026	1.056	3.69
16)		2,2'-oxybis(1-...		2.082	1.978	1.983	1.868	2.011	1.898	1.786	1.944	5.11
17)		2-Methylphenol		1.040	0.992	1.026	0.976	1.053	1.015	0.965	1.010	3.27
18)		Hexachloroethane		0.533	0.503	0.523	0.489	0.529	0.497	0.477	0.507	4.23
19)	P	n-Nitroso-di-n...	0.923	0.941	0.880	0.900	0.843	0.912	0.866	0.819	0.886	4.69
20)		3+4-Methylphenols		1.412	1.319	1.337	1.246	1.337	1.250	1.149	1.293	6.59
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.480	0.453	0.459	0.429	0.452	0.428	0.399	0.443	5.98
23)	S	Nitrobenzene-d5		0.376	0.365	0.379	0.356	0.382	0.363	0.347	0.367	3.51
24)		Nitrobenzene		0.338	0.328	0.338	0.323	0.343	0.331	0.316	0.331	2.94
25)		Isophorone		0.636	0.615	0.620	0.593	0.638	0.607	0.585	0.613	3.26
26)	C	2-Nitrophenol		0.167	0.170	0.180	0.175	0.190	0.182	0.173	0.177	4.44
27)		2,4-Dimethylph...		0.315	0.315	0.318	0.303	0.325	0.312	0.295	0.312	3.22
28)		bis(2-Chloroet...		0.406	0.394	0.394	0.364	0.391	0.375	0.358	0.383	4.63
29)	C	2,4-Dichloroph...		0.288	0.282	0.290	0.276	0.300	0.283	0.266	0.283	3.74
30)		1,2,4-Trichlor...		0.325	0.313	0.317	0.295	0.320	0.300	0.284	0.308	4.89
31)		Naphthalene		1.061	1.021	1.020	0.941	1.007	0.953	0.891	0.985	5.94
32)		Benzoic acid			0.153	0.176	0.188	0.211	0.209	0.201	0.190	11.73
33)		4-Chloroaniline		0.424	0.409	0.416	0.389	0.415	0.397	0.343	0.399	6.87
34)	C	Hexachlorobuta...		0.203	0.192	0.197	0.187	0.198	0.192	0.176	0.192	4.52
35)		Caprolactam		0.081	0.076	0.083	0.079	0.085	0.078	0.076	0.080	4.29
36)	C	4-Chloro-3-met...		0.304	0.290	0.299	0.282	0.301	0.287	0.271	0.291	4.02
37)		2-Methylnaphth...		0.679	0.638	0.646	0.590	0.631	0.598	0.556	0.620	6.62
38)		1-Methylnaphth...		0.703	0.668	0.672	0.615	0.650	0.611	0.566	0.641	7.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.592	0.580	0.588	0.552	0.592	0.573	0.544	0.574	3.39
41)	P	Hexachlorocycl...	0.318	0.350	0.383	0.393	0.430	0.425	0.411	0.387	10.57
42)	S	2,4,6-Tribromo...	0.230	0.225	0.234	0.211	0.233	0.218	0.202	0.222	5.39
43)	C	2,4,6-Trichlor...	0.387	0.373	0.406	0.371	0.406	0.388	0.379	0.387	3.69
44)		2,4,5-Trichlor...	0.410	0.411	0.416	0.395	0.437	0.408	0.381	0.408	4.27
45)	S	2-Fluorobiphenyl	1.726	1.619	1.558	1.387	1.480	1.396	1.268	1.490	10.46
46)		1,1'-Biphenyl	1.672	1.605	1.595	1.480	1.595	1.507	1.408	1.552	5.82
47)		2-Chloronaphth...	1.218	1.170	1.177	1.094	1.183	1.122	1.061	1.146	4.84
48)		2-Nitroaniline	0.333	0.318	0.338	0.324	0.354	0.332	0.320	0.331	3.72
49)		Acenaphthylene	2.064	1.982	2.027	1.851	1.998	1.885	1.745	1.936	5.85
50)		Dimethylphthalate	1.441	1.340	1.367	1.255	1.366	1.256	1.211	1.320	6.16
51)		2,6-Dinitrotol...	0.290	0.283	0.289	0.280	0.302	0.281	0.268	0.285	3.74
52)	C	Acenaphthene	1.259	1.222	1.227	1.120	1.223	1.146	1.077	1.182	5.72
53)		3-Nitroaniline	0.320	0.309	0.327	0.299	0.330	0.305	0.287	0.311	5.02
54)	P	2,4-Dinitrophenol		0.110	0.137	0.149	0.169	0.160	0.158	0.147	14.36
55)		Dibenzofuran	1.886	1.766	1.768	1.606	1.736	1.635	1.509	1.701	7.38
56)	P	4-Nitrophenol	0.221	0.217	0.242	0.227	0.252	0.229	0.220	0.230	5.57
57)		2,4-Dinitrotol...	0.372	0.367	0.387	0.364	0.398	0.372	0.344	0.372	4.62
58)		Fluorene	1.477	1.399	1.372	1.231	1.343	1.238	1.140	1.314	8.85
59)		2,3,4,6-Tetrac...	0.347	0.336	0.360	0.333	0.361	0.333	0.317	0.341	4.71
60)		Diethylphthalate	1.422	1.310	1.359	1.231	1.343	1.218	1.140	1.289	7.51
61)		4-Chlorophenyl...	0.724	0.678	0.676	0.609	0.653	0.612	0.566	0.646	8.25
62)		4-Nitroaniline	0.303	0.283	0.303	0.277	0.294	0.265	0.251	0.282	6.95
63)		Azobenzene	1.239	1.194	1.188	1.107	1.197	1.123	1.055	1.158	5.55
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.086	0.094	0.110	0.115	0.129	0.125	0.123	0.112	14.72
66)	c	n-Nitrosodiphe...	0.712	0.682	0.696	0.649	0.697	0.694	0.660	0.684	3.30
67)		4-Bromophenyl-...	0.240	0.235	0.239	0.222	0.246	0.243	0.230	0.236	3.45
68)		Hexachlorobenzene	0.265	0.267	0.263	0.251	0.273	0.262	0.250	0.262	3.19
69)		Atrazine	0.184	0.174	0.186	0.178	0.196	0.181	0.174	0.182	4.29
70)	C	Pentachlorophenol	0.130	0.135	0.149	0.147	0.162	0.157	0.154	0.148	7.88
71)		Phenanthrene	1.196	1.094	1.100	1.012	1.085	1.033	0.964	1.069	7.00
72)		Anthracene	1.191	1.132	1.124	1.036	1.110	1.048	0.996	1.091	6.15
73)		Carbazole	1.030	0.968	0.982	0.889	0.950	0.877	0.832	0.933	7.39
74)		Di-n-butylphth...	1.108	1.039	1.083	0.976	1.059	0.974	0.908	1.021	6.95
75)	C	Fluoranthene	1.177	1.081	1.052	0.938	0.997	0.901	0.846	0.999	11.41
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.670	0.782	0.903	0.797	0.805	0.698	0.556	0.744	15.12
78)		Pyrene	1.929	1.967	2.066	1.859	1.959	1.773	1.507	1.866	9.79
79)	S	Terphenyl-d14	1.624	1.582	1.660	1.423	1.492	1.337	1.126	1.464	12.80
80)		Butylbenzylpht...	0.462	0.453	0.525	0.526	0.575	0.550	0.517	0.516	8.54
81)		Benzo(a)anthra...	1.424	1.287	1.403	1.278	1.391	1.327	1.238	1.336	5.36
82)		3,3'-Dichlorob...	0.360	0.364	0.402	0.407	0.444	0.442	0.417	0.405	8.30
83)		Chrysene	1.222	1.204	1.193	1.145	1.255	1.223	1.158	1.200	3.20
84)		Bis(2-ethylhex...	0.510	0.548	0.618	0.673	0.765	0.778	0.727	0.660	15.91
85)	c	Di-n-octyl pht...		0.958	1.108	1.266	1.432	1.542	1.437	1.290	17.30

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF052025.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.421	1.495	1.583	1.448	1.583	1.546	1.434	1.501	4.64
88)		Benzo(b)fluora...	1.317	1.105	1.293	1.126	1.209	1.122	1.114	1.184	7.62
89)		Benzo(k)fluora...	1.191	1.166	1.032	1.042	1.178	1.128	1.023	1.109	6.68
90)	C	Benzo(a)pyrene	1.154	1.081	1.114	1.081	1.185	1.133	1.062	1.116	4.00
91)		Dibenzo(a,h)an...	1.152	1.228	1.275	1.184	1.290	1.245	1.149	1.218	4.67
92)		Benzo(g,h,i)pe...	1.154	1.220	1.270	1.180	1.299	1.245	1.158	1.218	4.64

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

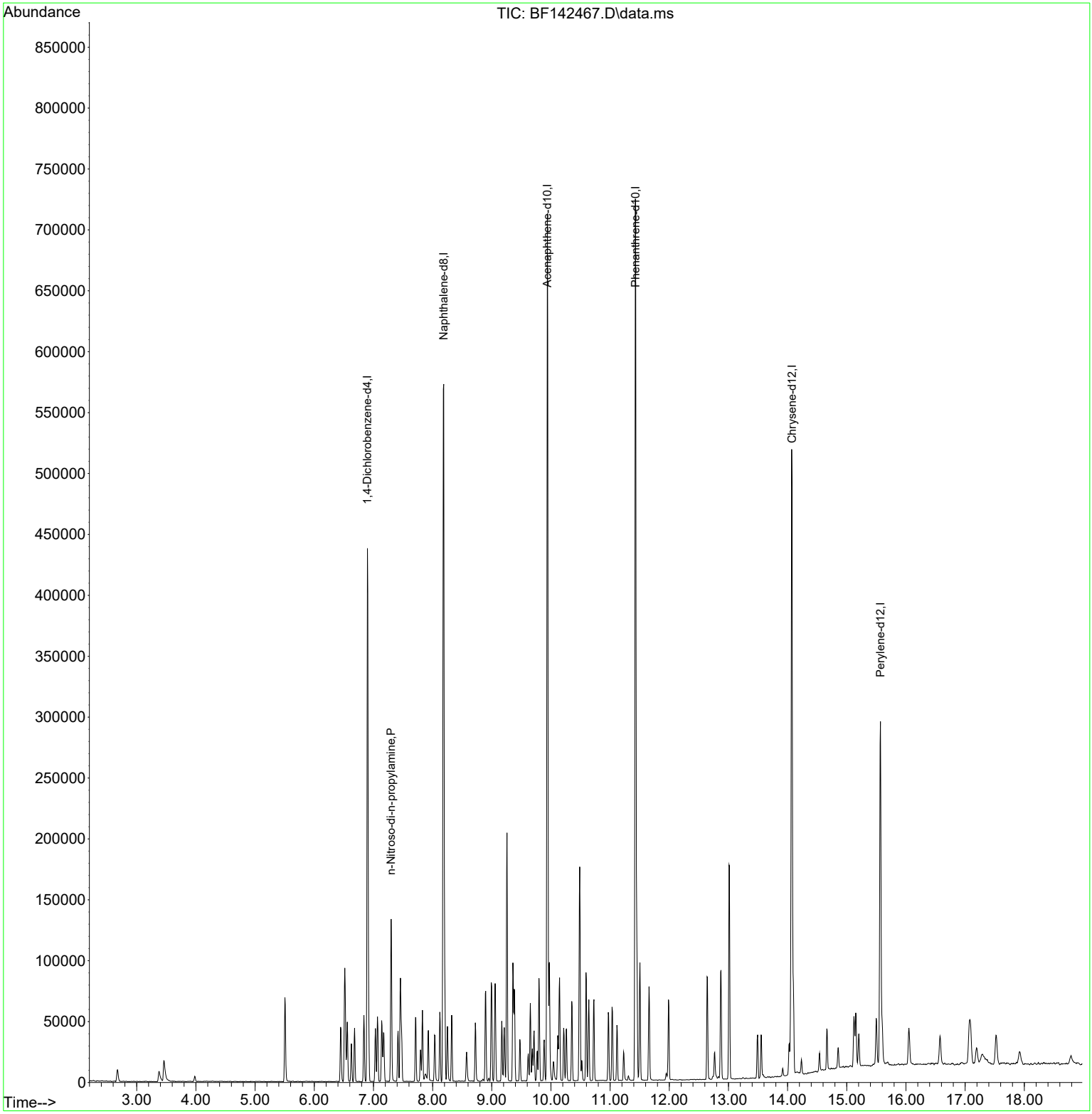
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	93808	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	371457	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	211662	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	381744	20.000	ng	0.00
76) Chrysene-d12	14.074	240	236443	20.000	ng	0.00
86) Perylene-d12	15.568	264	169046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.298	70	10828	2.607	ng	97

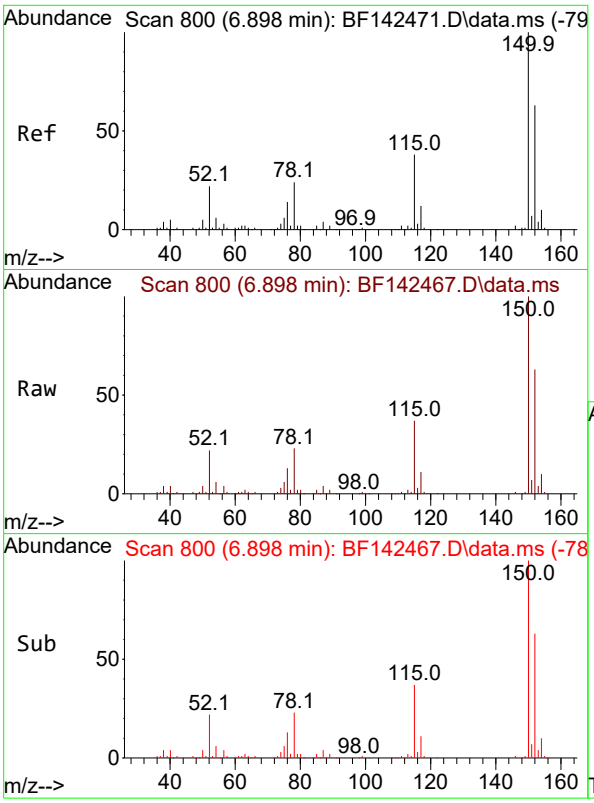
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142467.D
Acq On : 20 May 2025 12:10
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: May 20 16:54:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



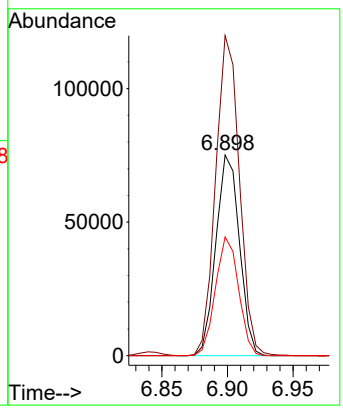


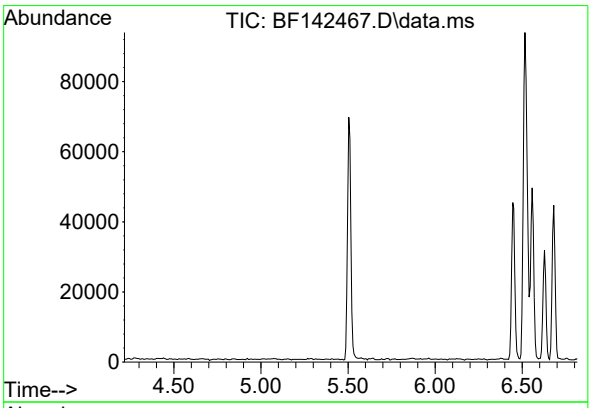
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 93808

Ion	Ratio	Lower	Upper
152	100		
150	159.5	128.2	192.4
115	59.2	48.3	72.5



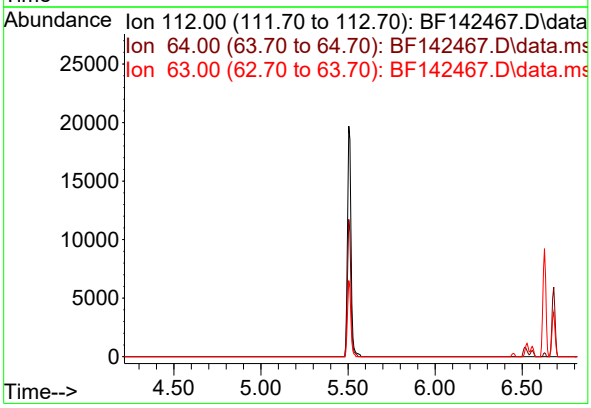


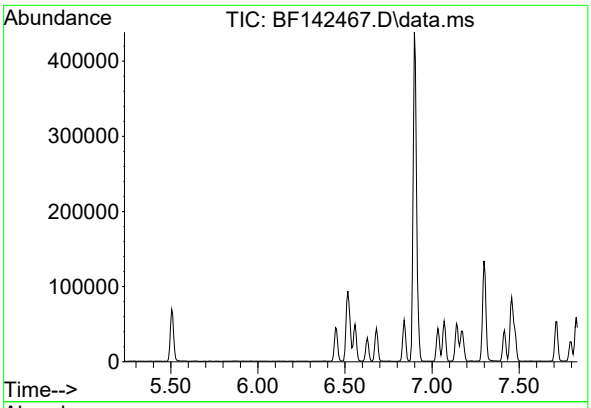
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.52 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.4
63	31.1





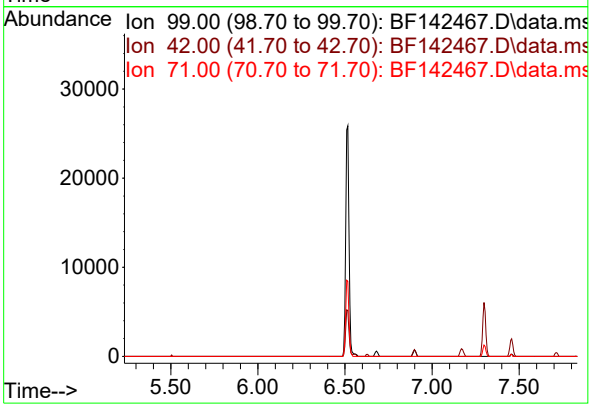
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.53 min

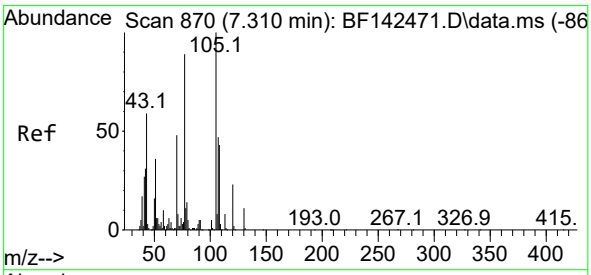
Lab File: BF142467.D
Acq: 20 May 2025 12:10

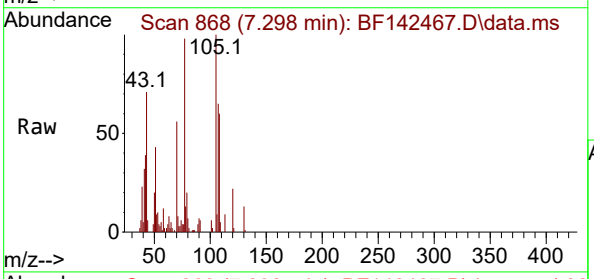
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

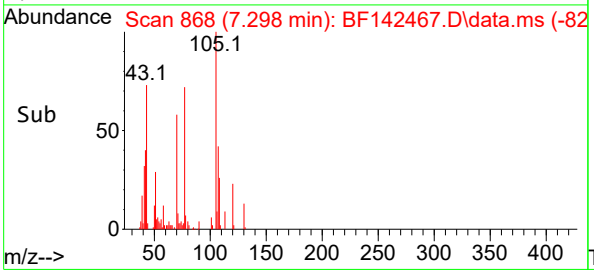
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	20.2
71	34.1





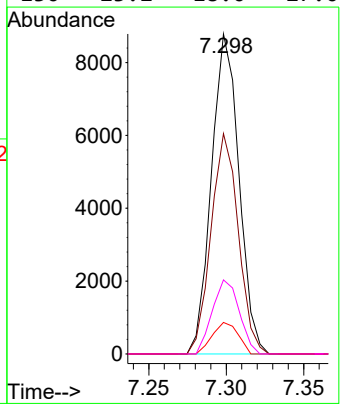


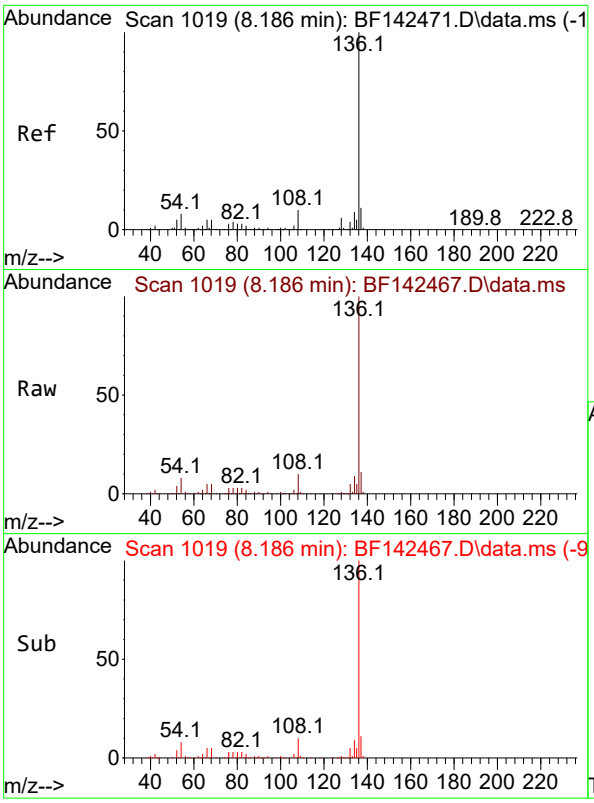


#19
n-Nitroso-di-n-propylamine
Concen: 2.607 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.029 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 70 Resp: 10828

Ion	Ratio	Lower	Upper
70	100		
42	68.8	52.4	78.6
101	9.9	7.8	11.8
130	23.2	18.0	27.0



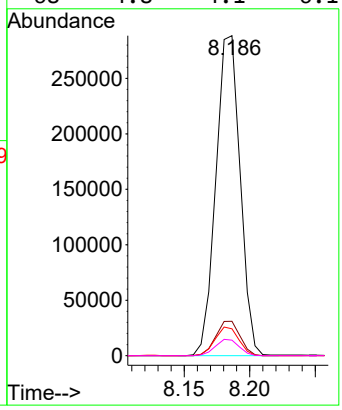


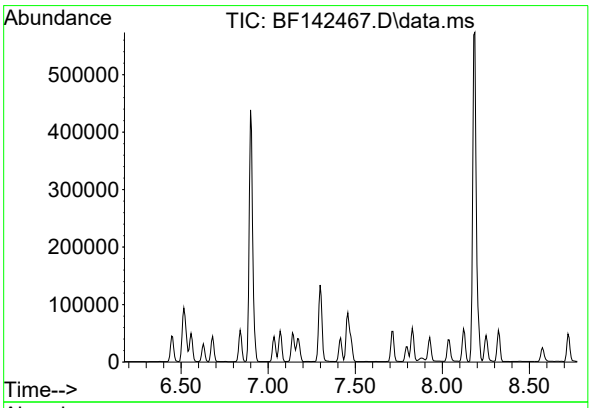
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 371457

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	6.6	10.0
68	4.8	4.1	6.1



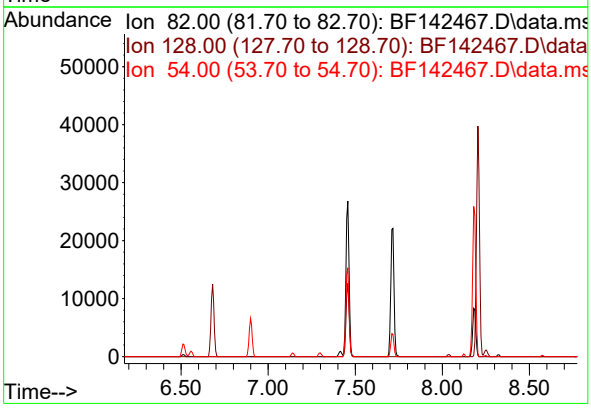


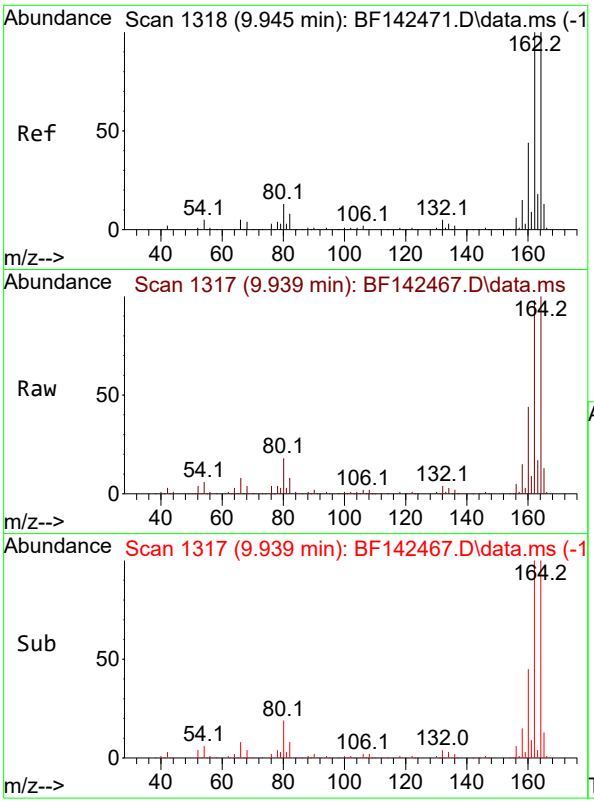
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.47 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.8
54	58.3



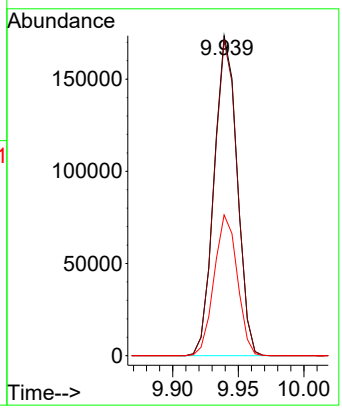


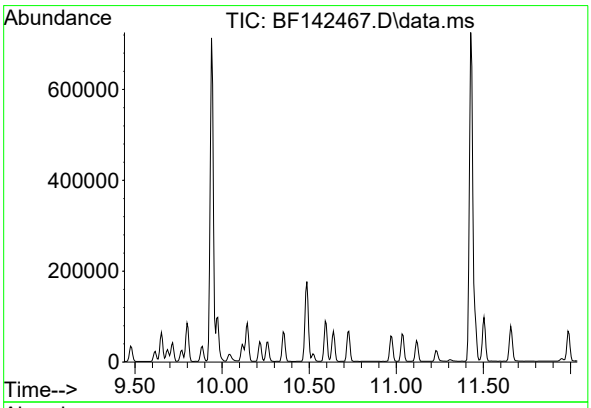
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 211662

Ion	Ratio	Lower	Upper
164	100		
162	98.5	80.2	120.4
160	44.0	35.6	53.4



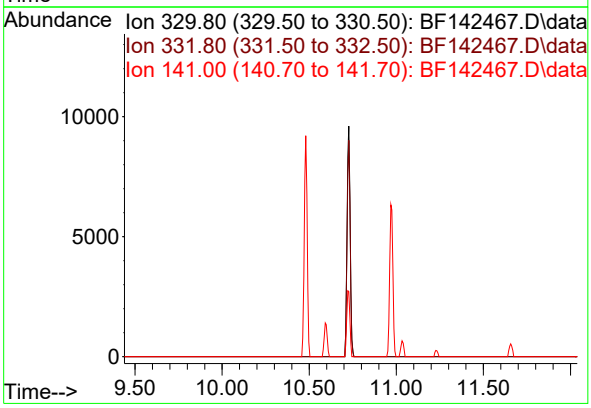


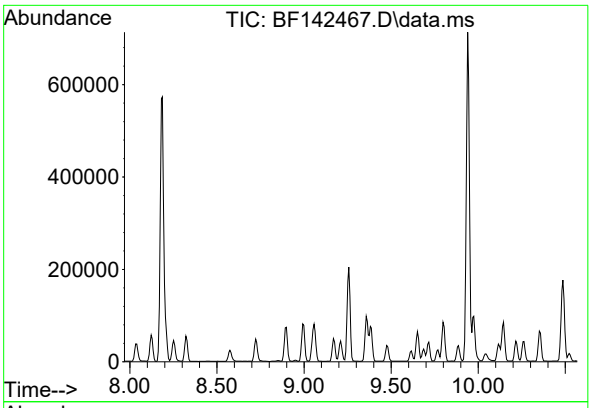
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.74 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.0
141	30.7





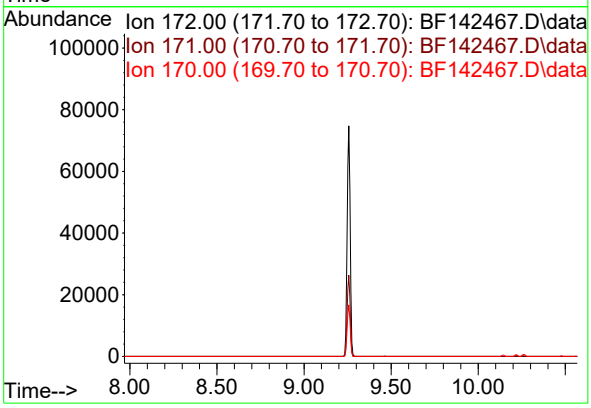
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.27 min

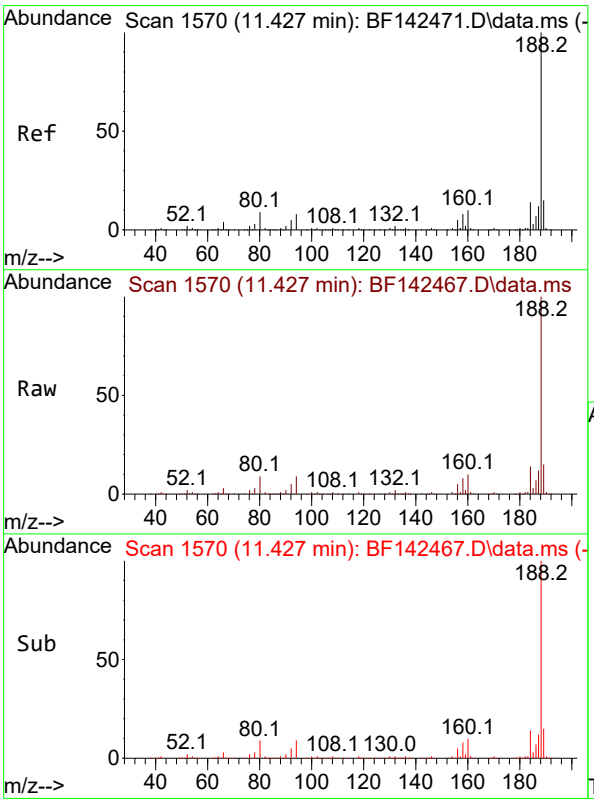
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	35.7
170	23.6

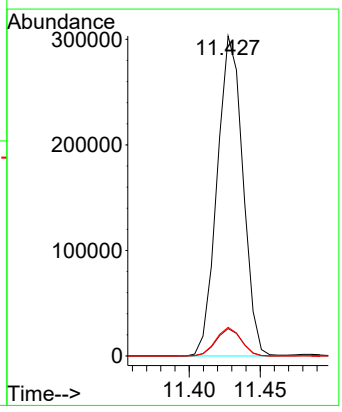


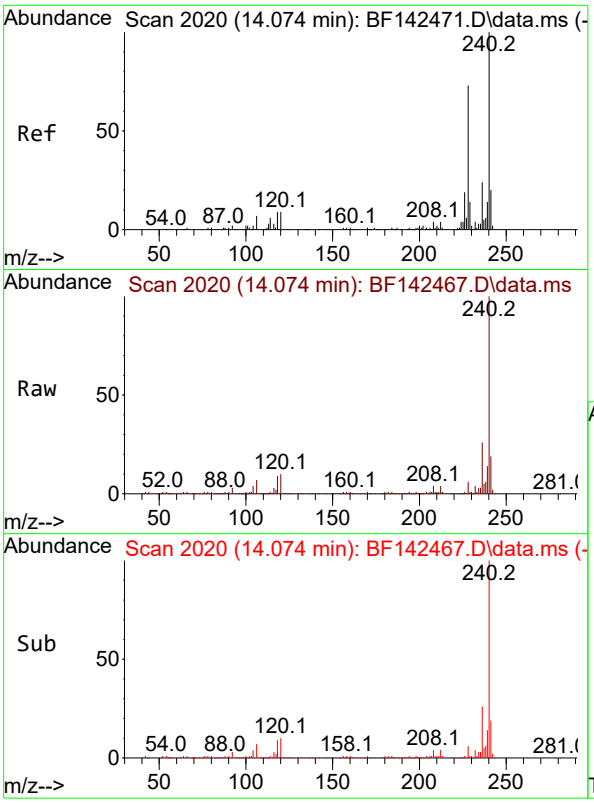


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion:188 Resp: 381744

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.0	7.4	11.0



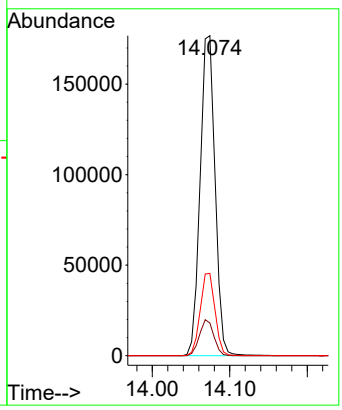


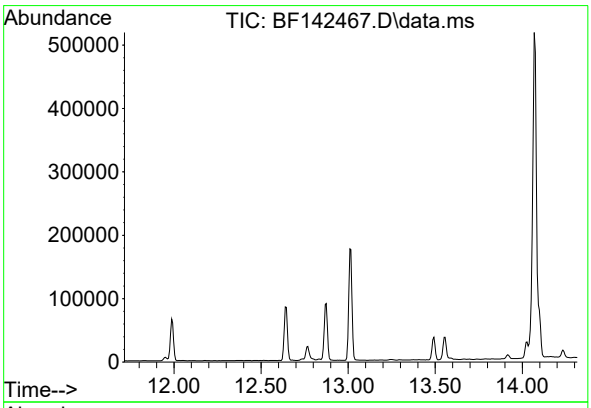
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 236443

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.5	11.3
236	25.7	19.6	29.4



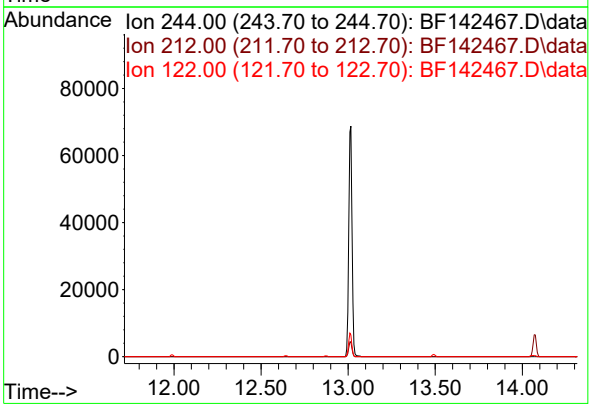


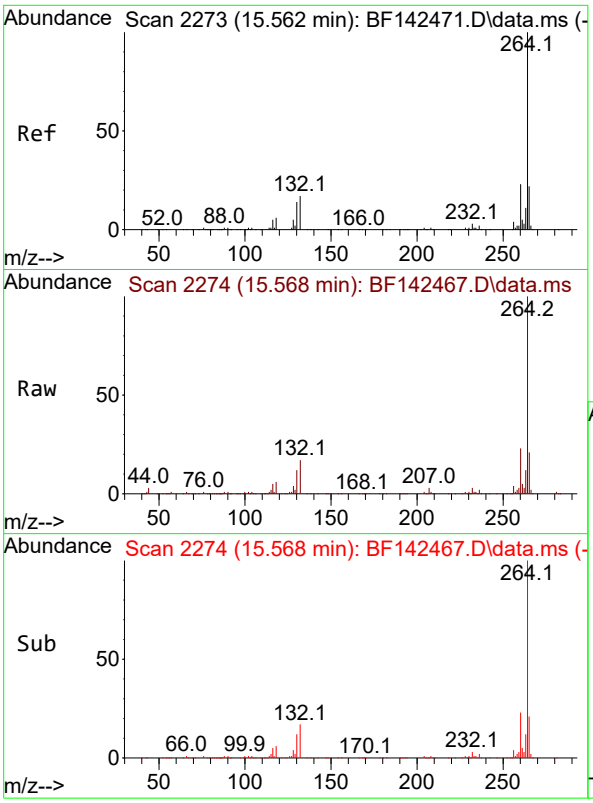
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.02 min

Lab File: BF142467.D
Acq: 20 May 2025 12:10

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.6
122	10.2



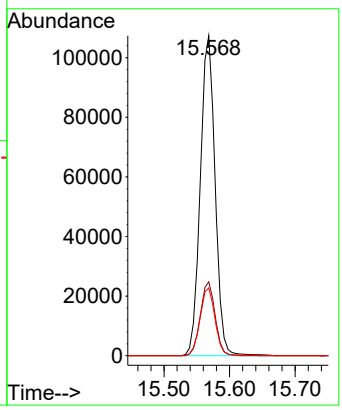


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142467.D
Acq: 20 May 2025 12:10

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 169046

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.2	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	87254	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	345154	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	197100	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	349474	20.000	ng		0.00
76) Chrysene-d12	14.074	240	218524	20.000	ng		0.00
86) Perylene-d12	15.568	264	154887	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	55140	10.647	ng		-0.01
7) Phenol-d6	6.516	99	66768	10.710	ng		-0.02
23) Nitrobenzene-d5	7.457	82	64876	10.249	ng		-0.02
42) 2,4,6-Tribromophenol	10.727	330	22702	10.378	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	170142	11.583	ng		-0.01
79) Terphenyl-d14	13.016	244	177430	11.096	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	10748	5.186	ng		97
3) Pyridine	3.451	79	26993	5.115	ng		98
4) n-Nitrosodimethylamine	3.369	42	13346	4.870	ng	#	97
6) Aniline	6.557	93	44576	5.318	ng		98
8) 2-Chlorophenol	6.681	128	29341	5.201	ng		98
9) Benzaldehyde	6.445	77	22572	6.020	ng		98
10) Phenol	6.528	94	37431	5.336	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	26215	5.192	ng		98
12) 1,3-Dichlorobenzene	6.839	146	34073	5.413	ng		97
13) 1,4-Dichlorobenzene	6.916	146	33593	5.298	ng		99
14) 1,2-Dichlorobenzene	7.069	146	32604	5.374	ng		99
15) Benzyl Alcohol	7.034	79	23103	5.015	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	45414	5.355	ng		99
17) 2-Methylphenol	7.139	107	22693	5.153	ng		98
18) Hexachloroethane	7.416	117	11635	5.255	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	20527	5.313	ng		96
20) 3+4-Methylphenols	7.292	107	30797	5.460	ng	#	88
22) Acetophenone	7.304	105	41438	5.423	ng		99
24) Nitrobenzene	7.475	77	29193	5.114	ng		96
25) Isophorone	7.716	82	54838	5.182	ng		98
26) 2-Nitrophenol	7.798	139	14387	4.716	ng		99
27) 2,4-Dimethylphenol	7.828	122	27170	5.051	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	35010	5.296	ng		97
29) 2,4-Dichlorophenol	8.034	162	24812	5.072	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	28037	5.281	ng		97
31) Naphthalene	8.204	128	91563	5.388	ng		100
33) 4-Chloroaniline	8.251	127	36597	5.314	ng		98
34) Hexachlorobutadiene	8.322	225	17505	5.280	ng		99
35) Caprolactam	8.581	113	7020	5.109	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	26197	5.225	ng		97
37) 2-Methylnaphthalene	8.898	142	58574	5.478	ng		99
38) 1-Methylnaphthalene	8.992	142	60674	5.486	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	29150	5.152	ng		99
41) Hexachlorocyclopentadiene	9.051	237	15667	4.105	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	19079	5.001	ng		99
44) 2,4,5-Trichlorophenol	9.210	196	20200	5.020	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

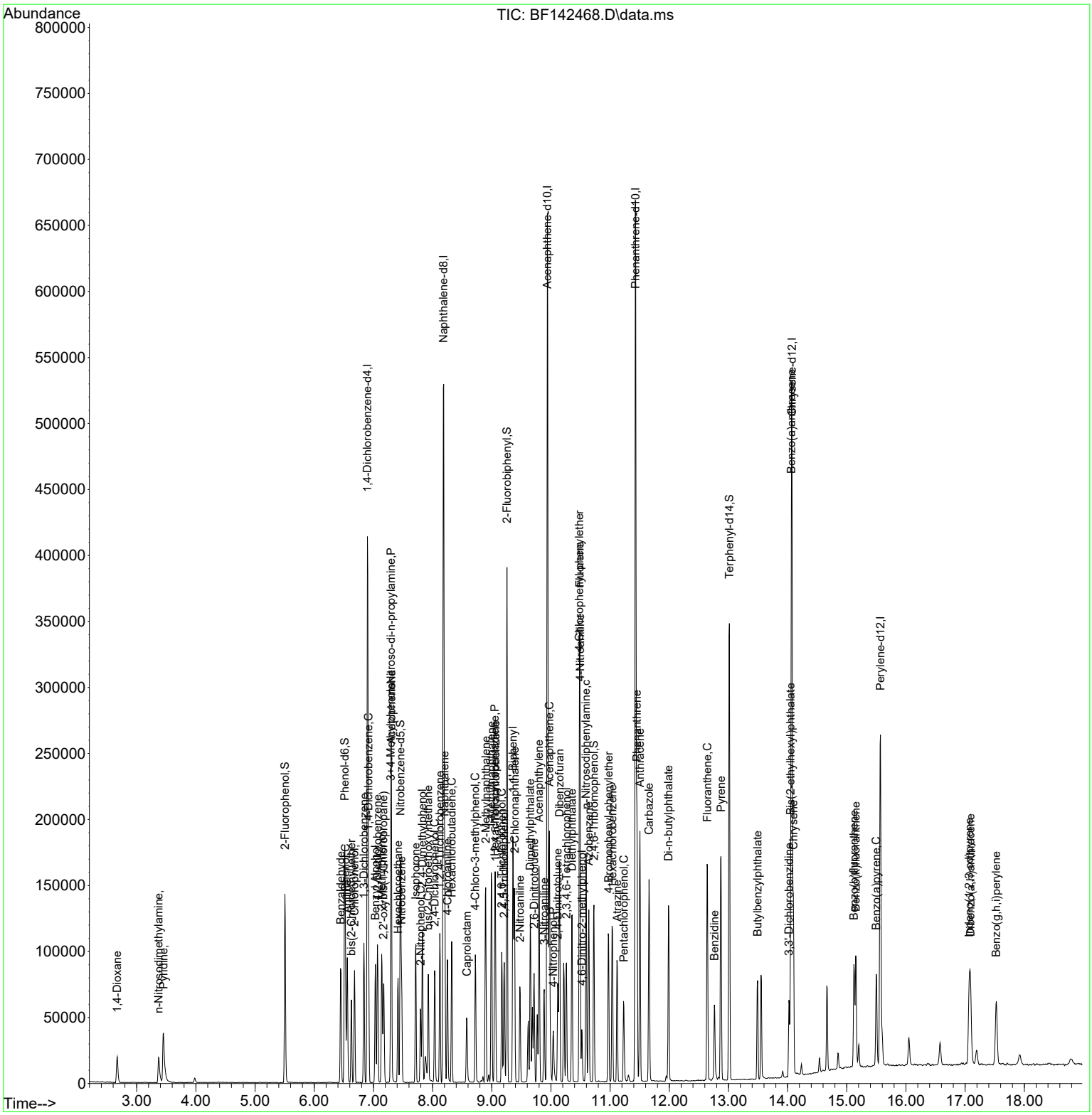
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.357	154	82376	5.387	ng	99
47) 2-Chloronaphthalene	9.386	162	60002	5.311	ng	97
48) 2-Nitroaniline	9.475	65	16399	5.022	ng	95
49) Acenaphthylene	9.798	152	101686	5.330	ng	99
50) Dimethylphthalate	9.651	163	71020	5.461	ng	99
51) 2,6-Dinitrotoluene	9.716	165	14295	5.093	ng	97
52) Acenaphthene	9.975	154	62026	5.325	ng	99
53) 3-Nitroaniline	9.886	138	15749	5.137	ng	99
55) Dibenzofuran	10.145	168	92955	5.545	ng	98
56) 4-Nitrophenol	10.039	139	10876	4.808	ng	93
57) 2,4-Dinitrotoluene	10.116	165	18322	4.998	ng	91
58) Fluorene	10.486	166	72775	5.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	17096	5.090	ng	98
60) Diethylphthalate	10.357	149	70046	5.515	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	35694	5.611	ng	97
62) 4-Nitroaniline	10.492	138	14920	5.366	ng	95
63) Azobenzene	10.639	77	61041	5.351	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	7475	3.833	ng	90
66) n-Nitrosodiphenylamine	10.592	169	62215	5.204	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	20974	5.076	ng	98
68) Hexachlorobenzene	11.039	284	23159	5.067	ng	100
69) Atrazine	11.122	200	16045	5.053	ng	98
70) Pentachlorophenol	11.233	266	11357	4.401	ng	96
71) Phenanthrene	11.451	178	104484	5.594	ng	100
72) Anthracene	11.504	178	104017	5.457	ng	100
73) Carbazole	11.657	167	89967	5.521	ng	99
74) Di-n-butylphthalate	11.986	149	96777	5.426	ng	99
75) Fluoranthene	12.645	202	102797	5.890	ng	99
77) Benzidine	12.763	184	36585	4.499	ng	98
78) Pyrene	12.874	202	105394	5.170	ng	99
80) Butylbenzylphthalate	13.492	149	25251	4.483	ng	96
81) Benzo(a)anthracene	14.063	228	77800	5.332	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	19673	4.445	ng	98
83) Chrysene	14.098	228	66761	5.092	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	27864	3.864	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	55034	4.733	ng	99
88) Benzo(b)fluoranthene	15.121	252	51014	5.565	ng	98
89) Benzo(k)fluoranthene	15.151	252	46114	5.371	ng	98
90) Benzo(a)pyrene	15.498	252	44694	5.172	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	44618	4.731	ng	98
92) Benzo(g,h,i)perylene	17.527	276	44684	4.737	ng	97

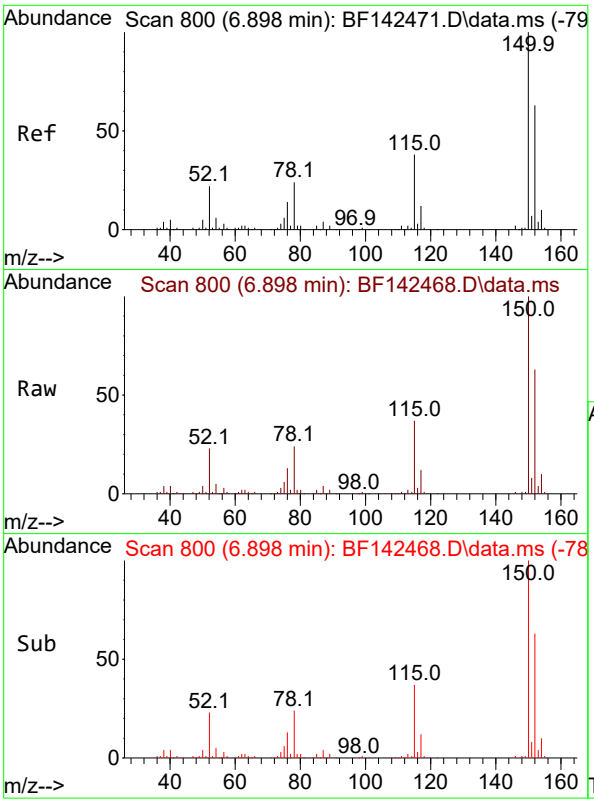
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142468.D
Acq On : 20 May 2025 12:38
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: May 20 16:54:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



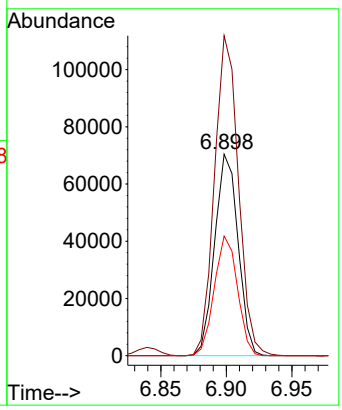


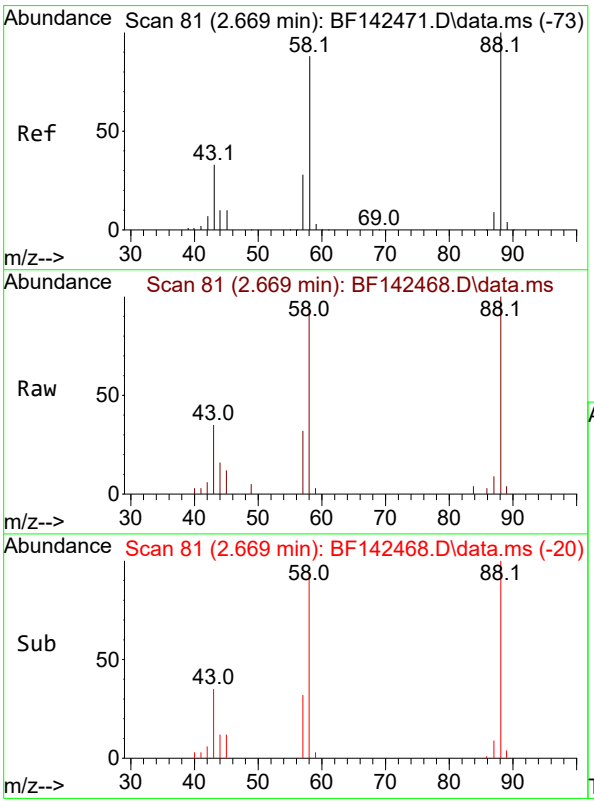
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 87254

Ion	Ratio	Lower	Upper
152	100		
150	158.8	128.2	192.4
115	59.4	48.3	72.5

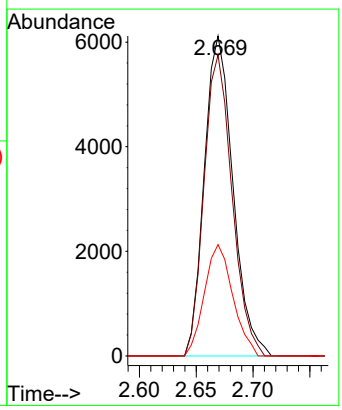


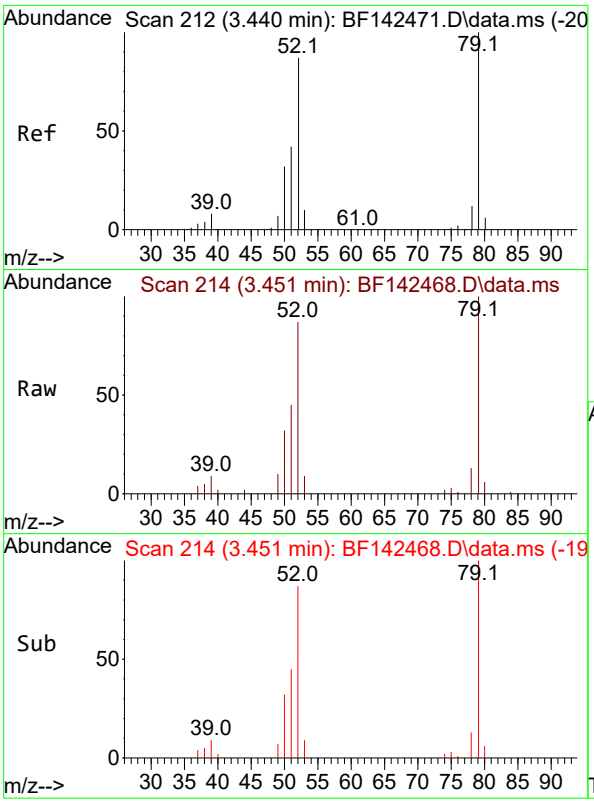


#2
1,4-Dioxane
Concen: 5.186 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 88 Resp: 10748

Ion	Ratio	Lower	Upper
88	100		
58	91.6	70.8	106.2
43	34.5	26.6	40.0



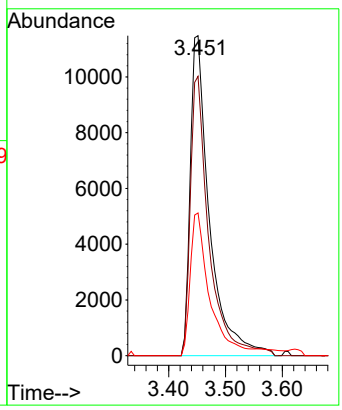


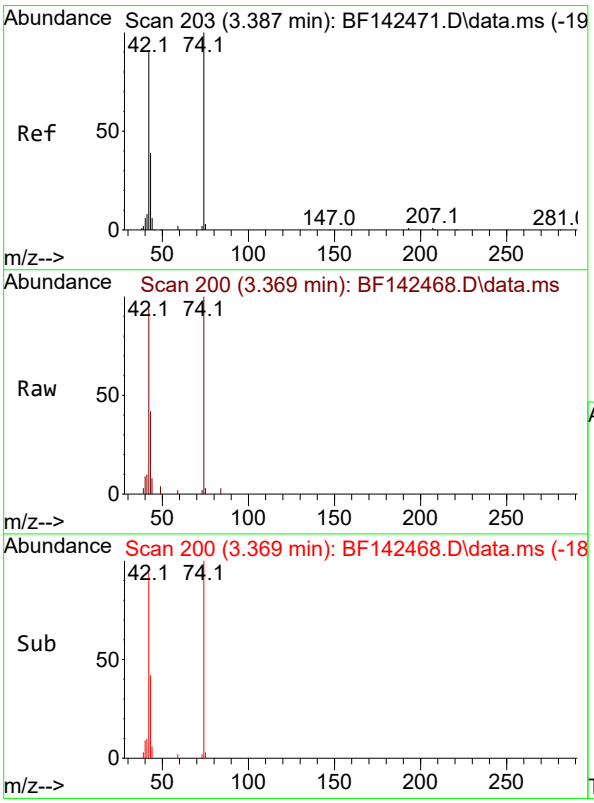
#3
Pyridine
Concen: 5.115 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 26993

Ion	Ratio	Lower	Upper
79	100		
52	87.3	69.2	103.8
51	44.6	33.3	49.9

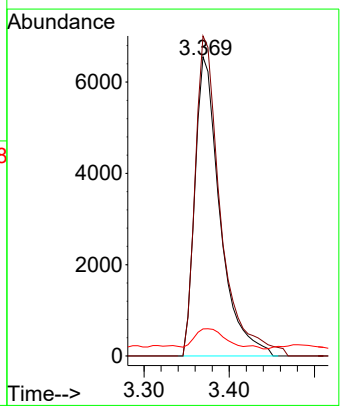


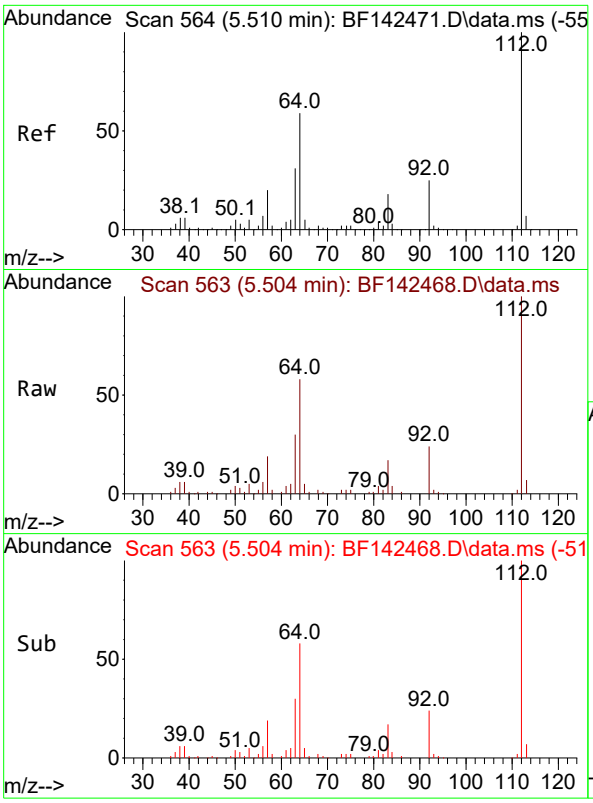


#4
n-Nitrosodimethylamine
Concen: 4.870 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 42 Resp: 13346

Ion	Ratio	Lower	Upper
42	100		
74	106.9	88.2	132.4
44	9.1	5.4	8.2#



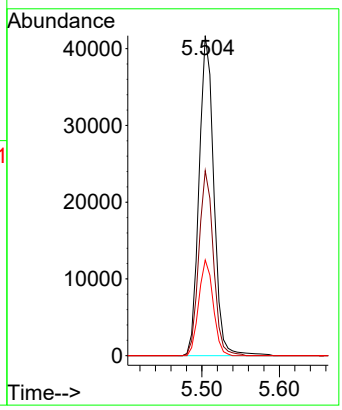


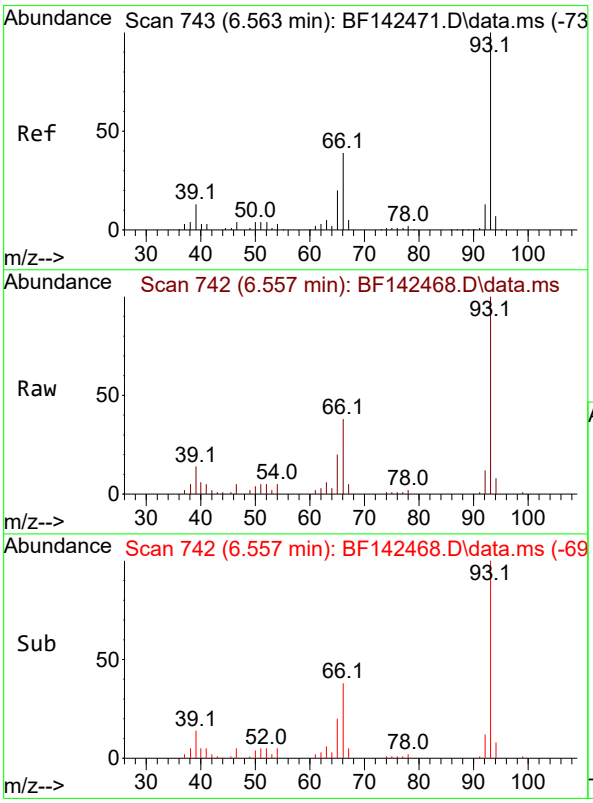
#5
2-Fluorophenol
Concen: 10.647 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 55140

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.5	71.3
63	29.9	24.9	37.3

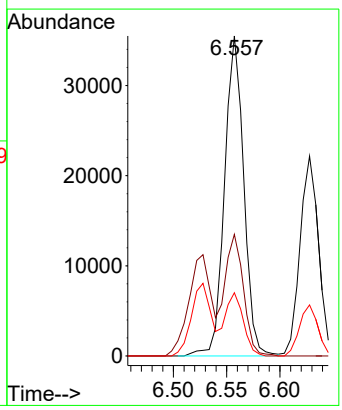


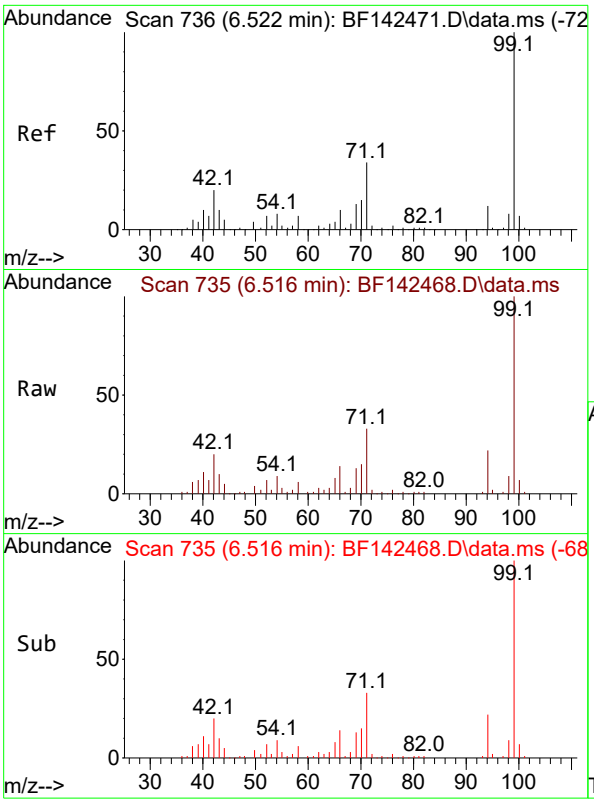


#6
Aniline
Concen: 5.318 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 44576

Ion	Ratio	Lower	Upper
93	100		
66	38.0	32.0	48.0
65	19.7	16.1	24.1



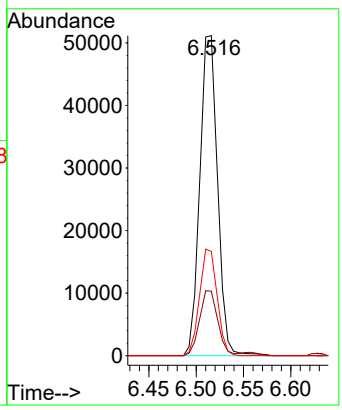


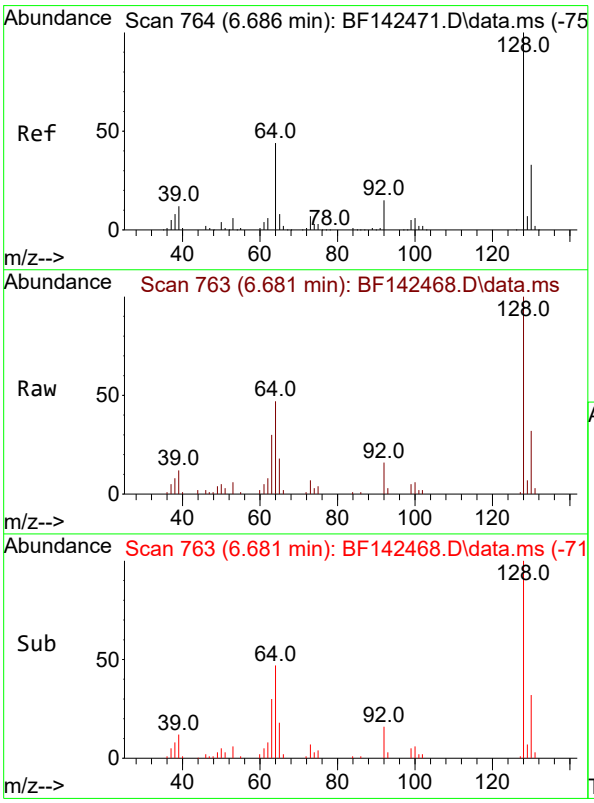
#7
Phenol-d6
Concen: 10.710 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 66768

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	32.6	27.3	40.9

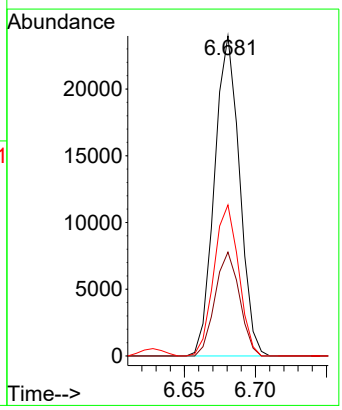


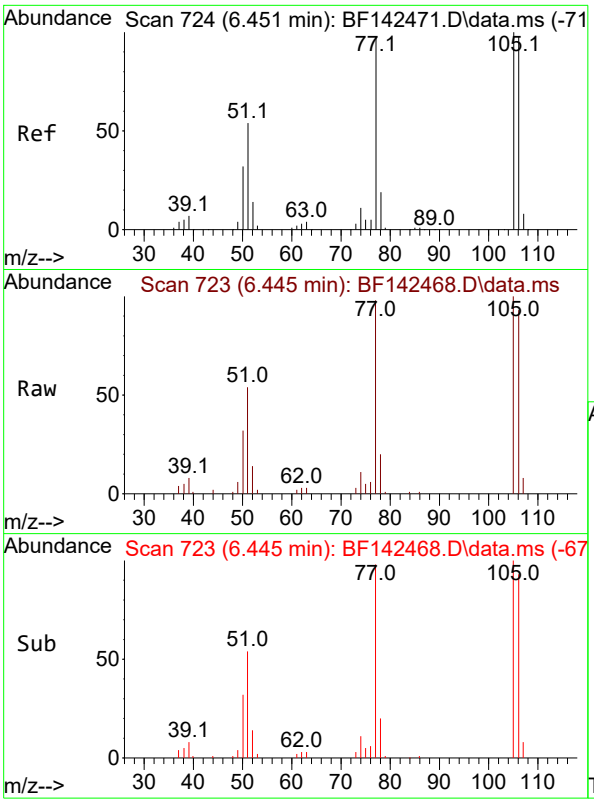


#8
2-Chlorophenol
Concen: 5.201 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:128 Resp: 29341

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	47.2	25.1	65.1



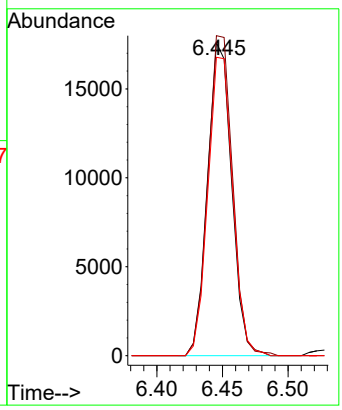


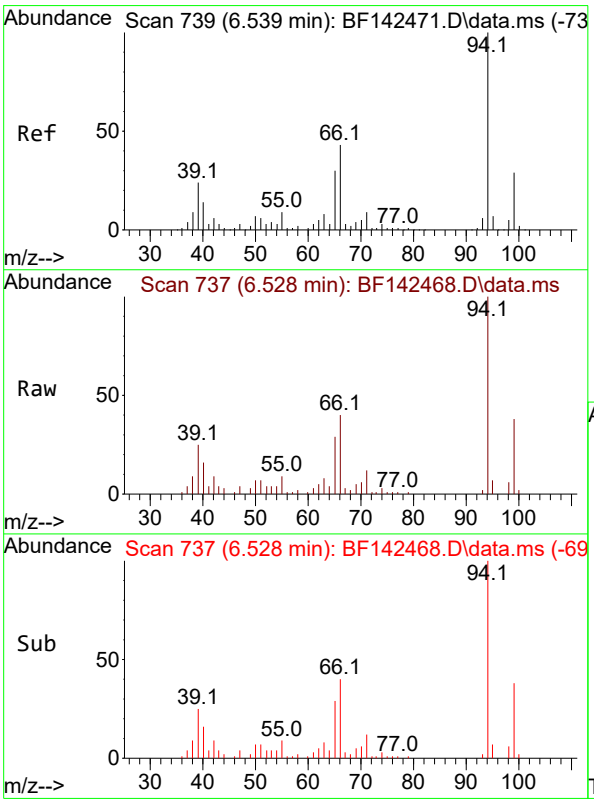
#9
Benzaldehyde
Concen: 6.020 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 22572

Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.5	122.5
106	95.3	80.0	120.0

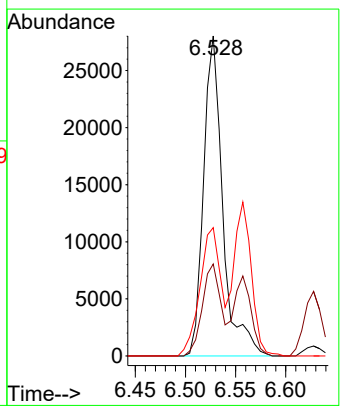


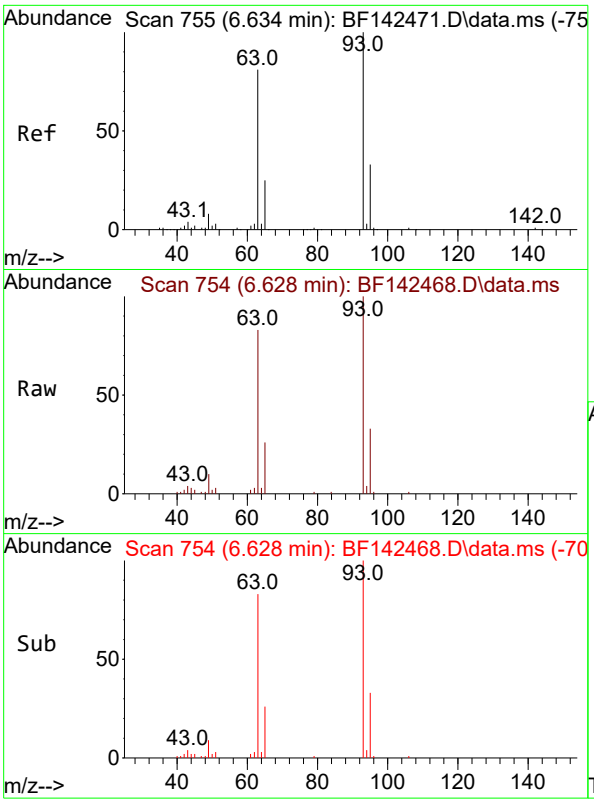


#10
Phenol
Concen: 5.336 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 94 Resp: 37431

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.3	50.3
66	40.1	22.6	62.6



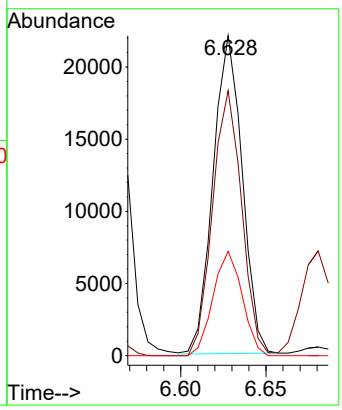


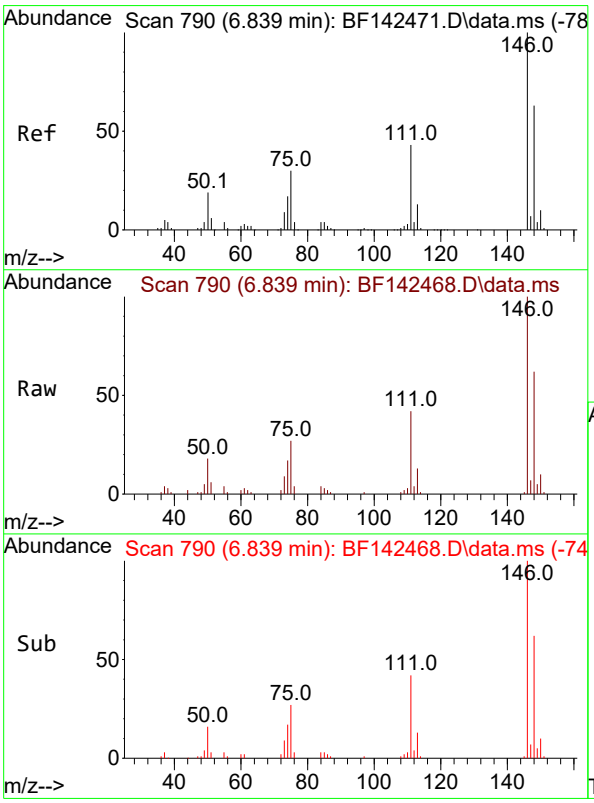
#11
bis(2-Chloroethyl)ether
Concen: 5.192 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 26215

Ion	Ratio	Lower	Upper
93	100		
63	82.8	60.2	100.2
95	32.6	12.3	52.3

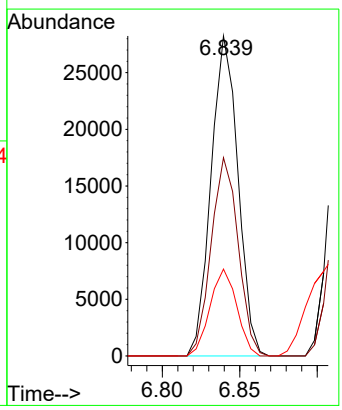


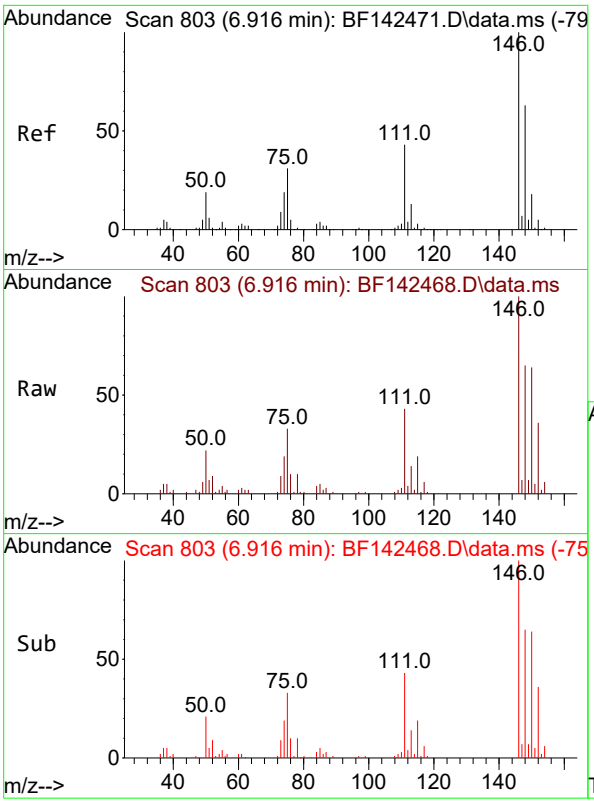


#12
1,3-Dichlorobenzene
Concen: 5.413 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:146 Resp: 34073

Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	75.8
75	27.1	23.8	35.6



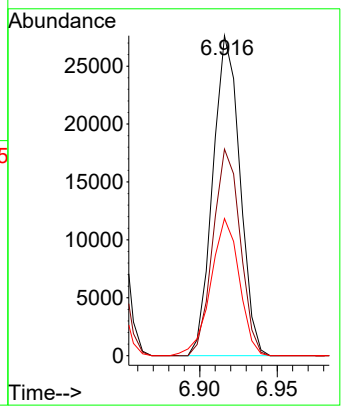


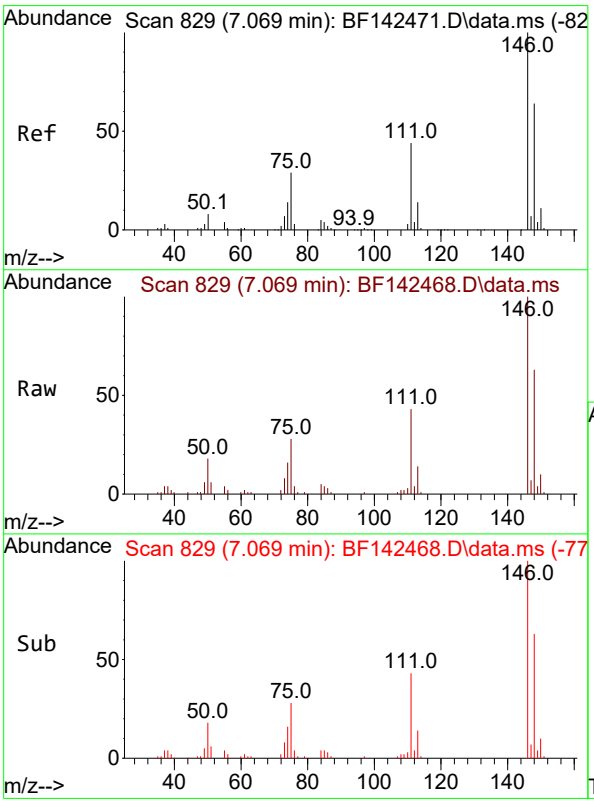
#13
1,4-Dichlorobenzene
Concen: 5.298 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 33593

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	42.9	34.1	51.1

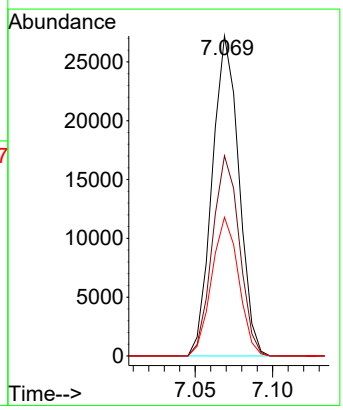


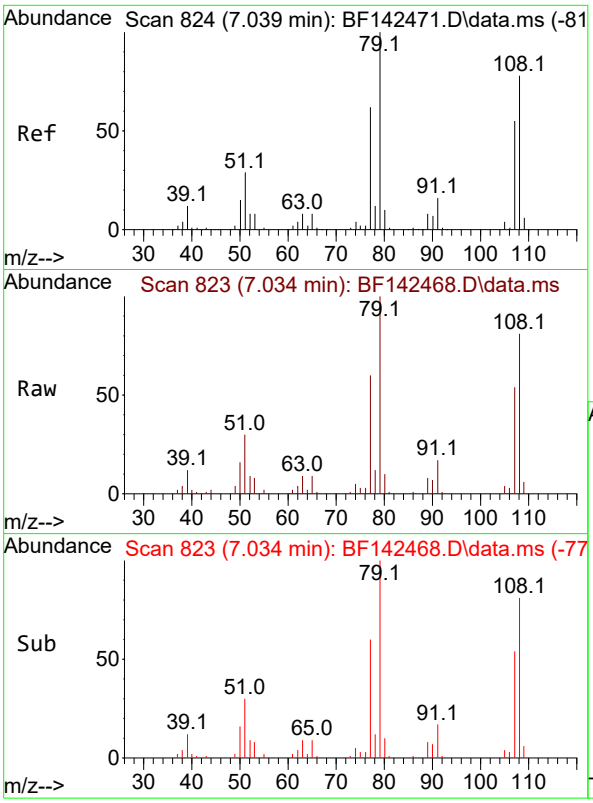


#14
1,2-Dichlorobenzene
Concen: 5.374 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:146 Resp: 32604

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.0	76.4
111	43.4	35.0	52.6



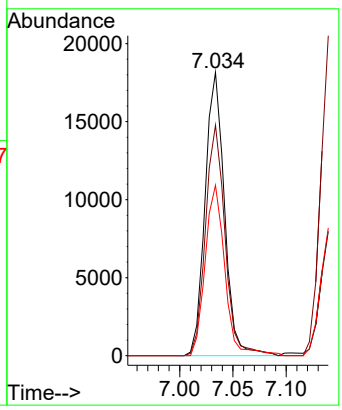


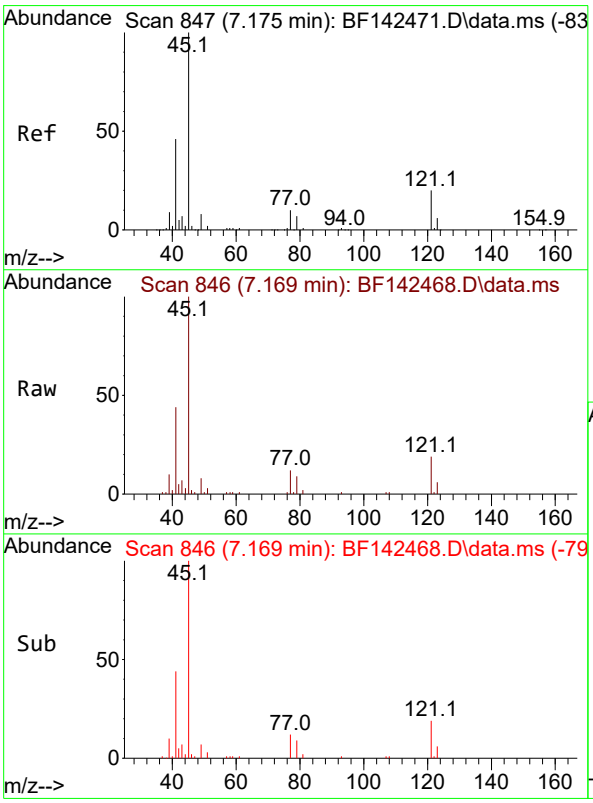
#15
Benzyl Alcohol
Concen: 5.015 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 23103

Ion	Ratio	Lower	Upper
79	100		
108	81.4	62.1	93.1
77	60.2	49.5	74.3

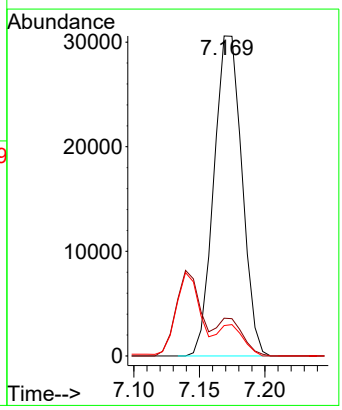


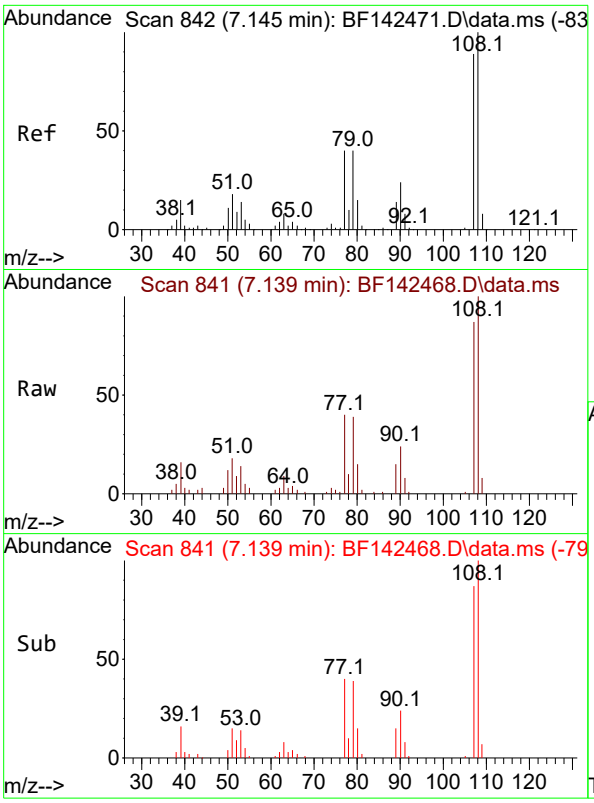


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.355 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 45 Resp: 45414

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.0
79	9.5	0.0	29.2



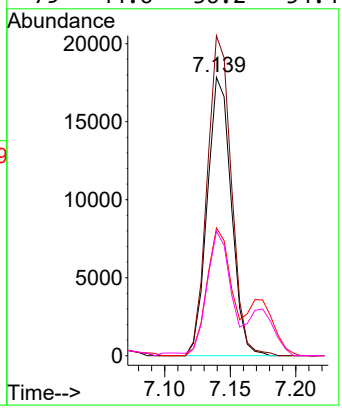


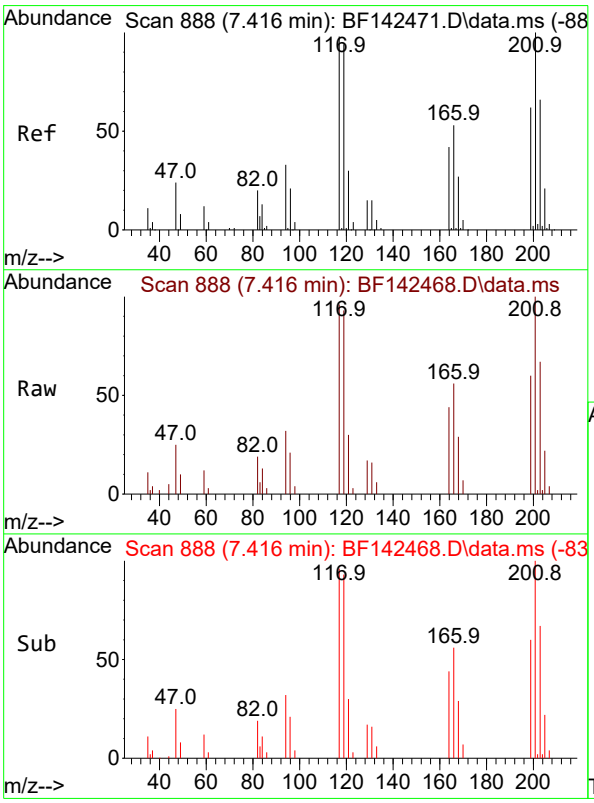
#17
2-Methylphenol
Concen: 5.153 ng
RT: 7.139 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 22693

Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.2	135.2
77	45.9	36.1	54.1
79	44.6	36.2	54.4

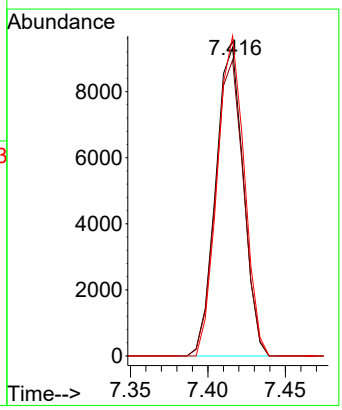


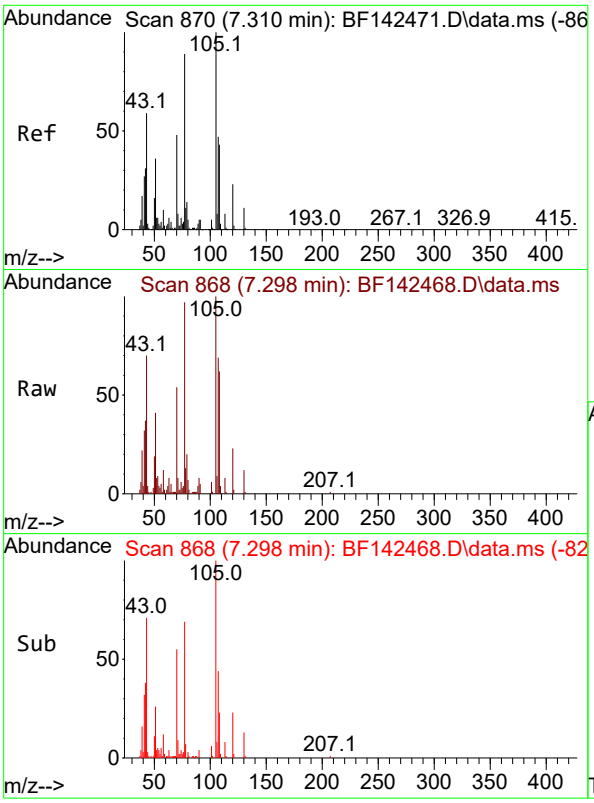


#18
Hexachloroethane
Concen: 5.255 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:117 Resp: 11635

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	103.7	81.3	121.9



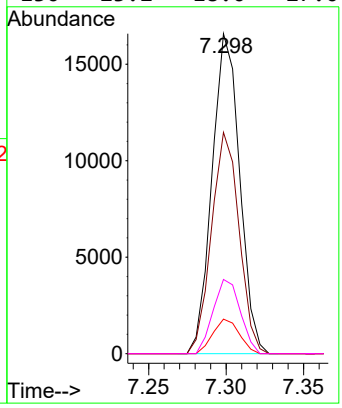


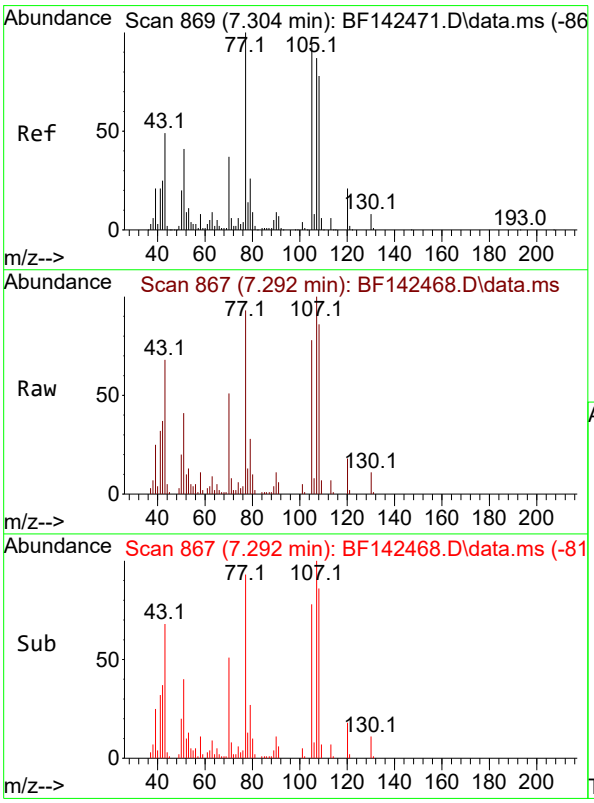
#19
n-Nitroso-di-n-propylamine
Concen: 5.313 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 20527

Ion	Ratio	Lower	Upper
70	100		
42	69.1	52.4	78.6
101	10.8	7.8	11.8
130	23.2	18.0	27.0

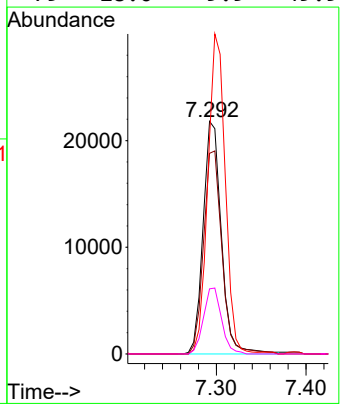


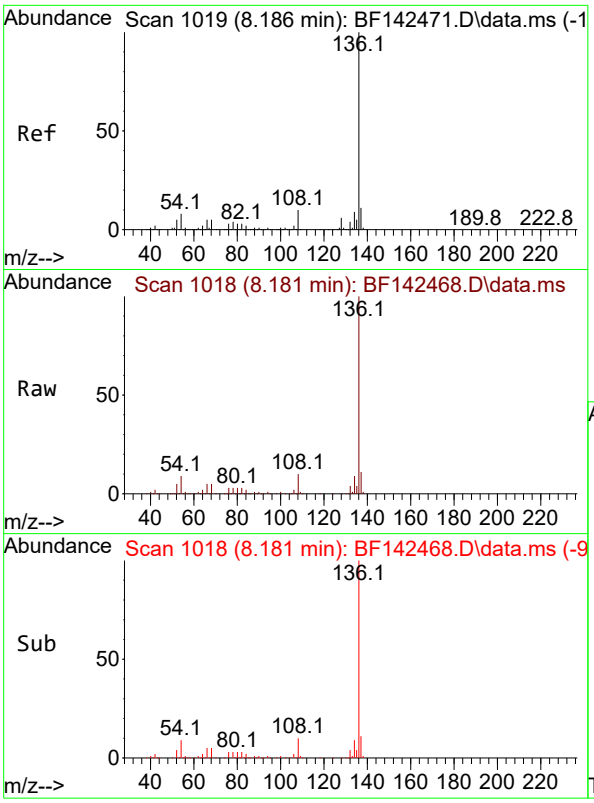


#20
3+4-Methylphenols
Concen: 5.460 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:107 Resp: 30797

Ion	Ratio	Lower	Upper
107	100		
108	86.3	70.4	110.4
77	92.8	95.4	135.4#
79	28.0	9.9	49.9



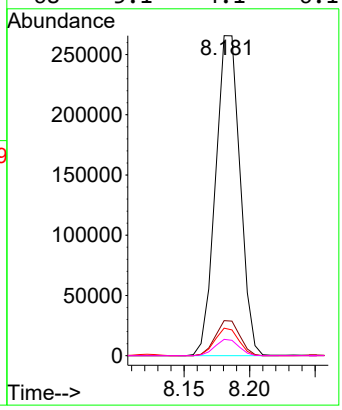


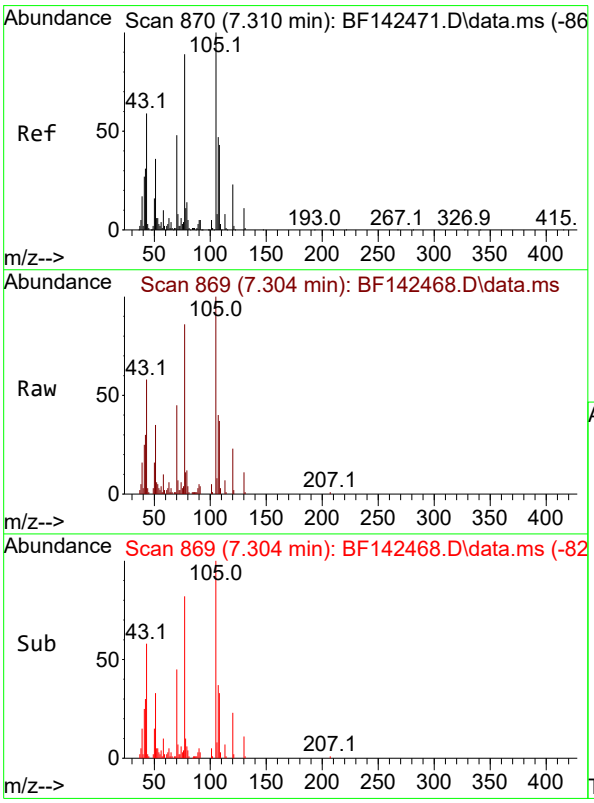
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 345154

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.6	10.0
68	5.1	4.1	6.1

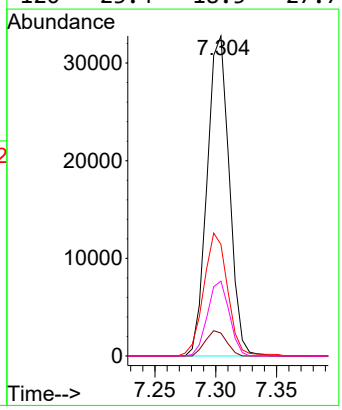


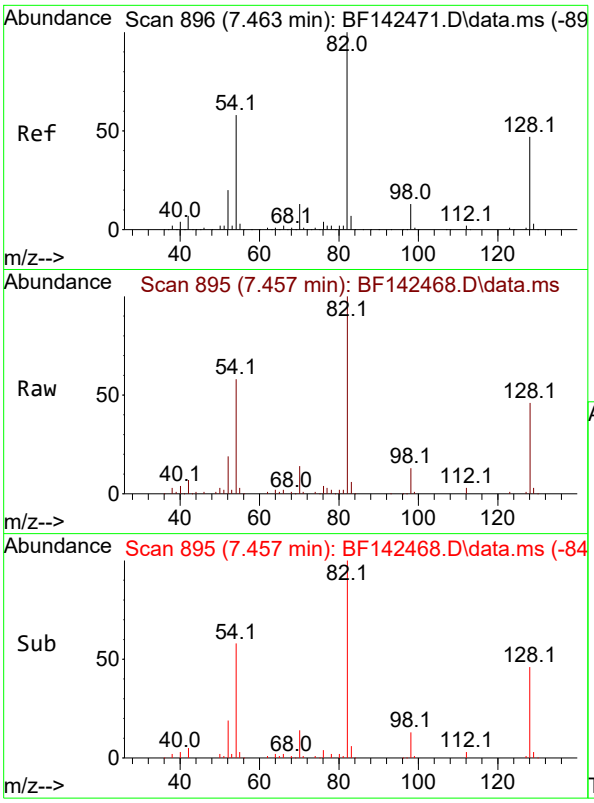


#22
Acetophenone
Concen: 5.423 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:105 Resp: 41438

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.4	9.6
51	34.9	28.6	42.8
120	23.4	18.5	27.7



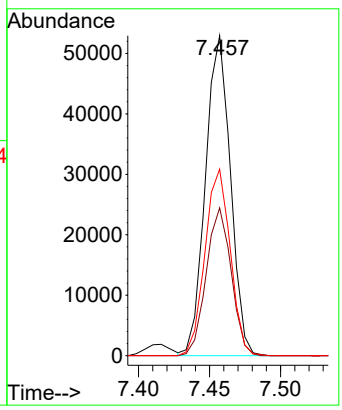


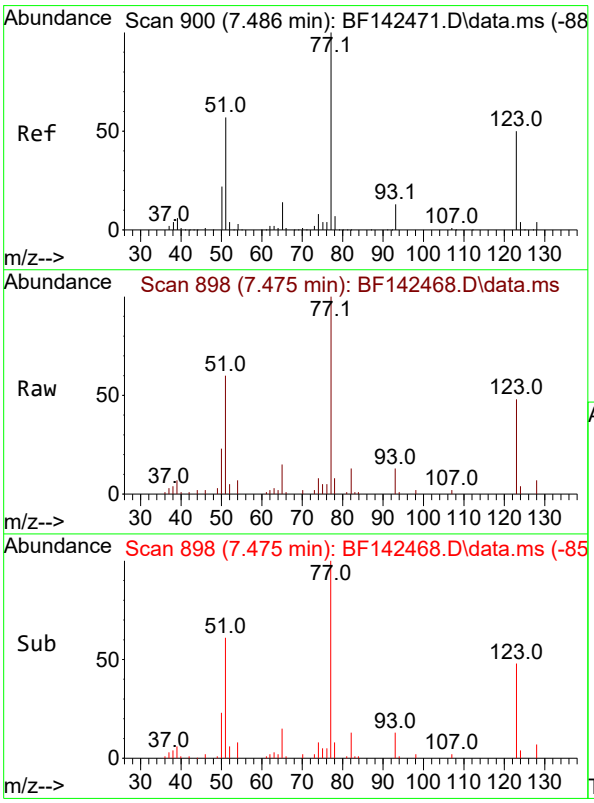
#23
Nitrobenzene-d5
Concen: 10.249 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 64876

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.4	56.2
54	58.3	46.6	70.0

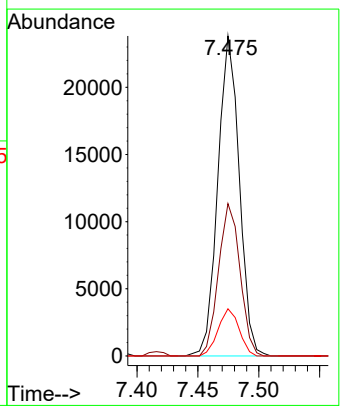


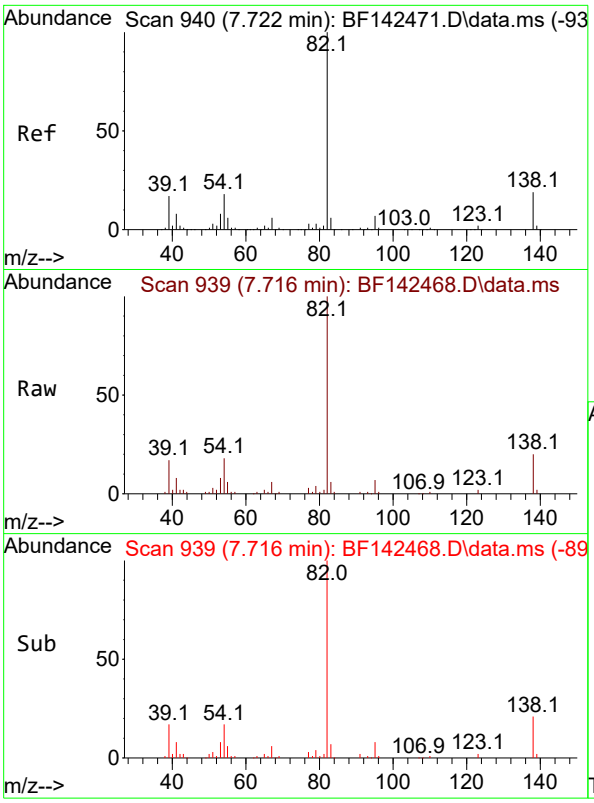


#24
Nitrobenzene
Concen: 5.114 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 77 Resp: 29193

Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.6	61.0
65	14.7	11.4	17.2



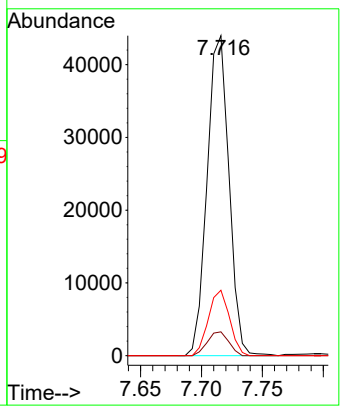


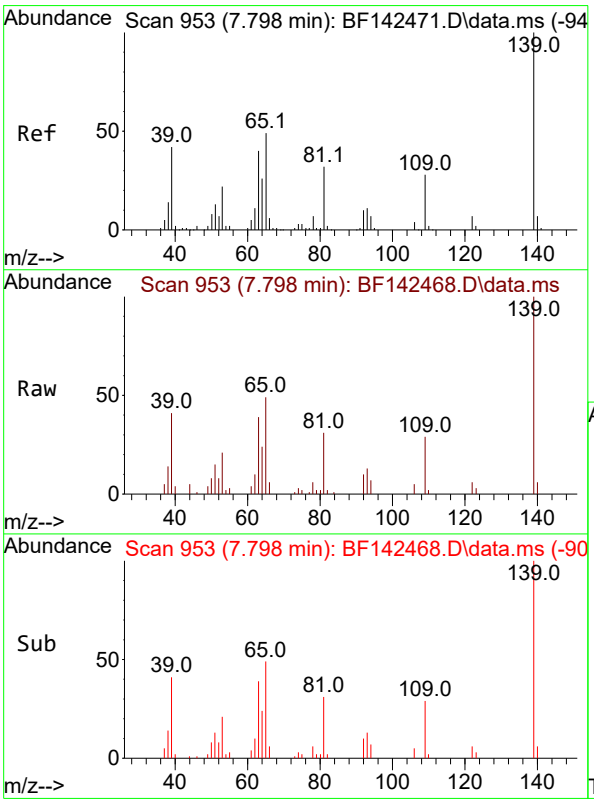
#25
Isophorone
Concen: 5.182 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 54838

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.4	15.5	23.3

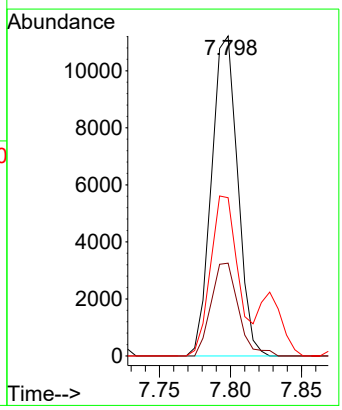


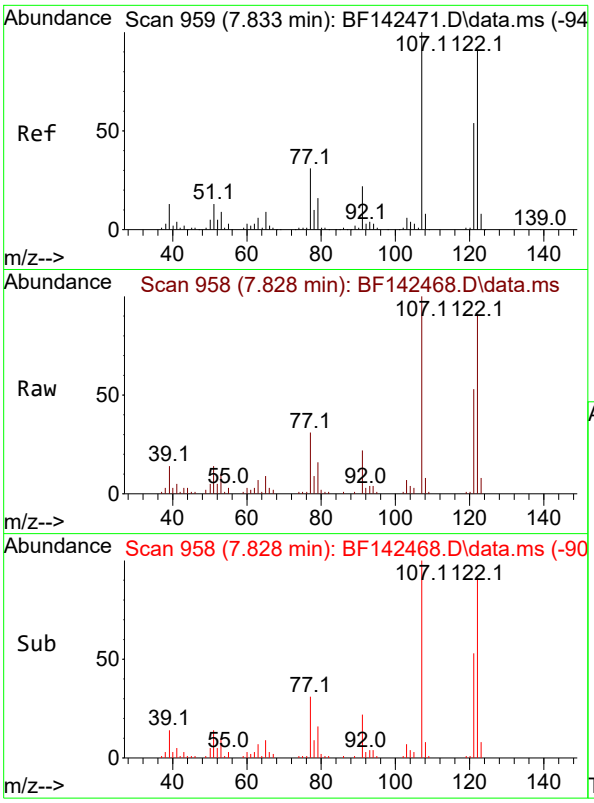


#26
2-Nitrophenol
Concen: 4.716 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:139 Resp: 14387

Ion	Ratio	Lower	Upper
139	100		
109	29.0	22.6	33.8
65	49.4	39.4	59.0



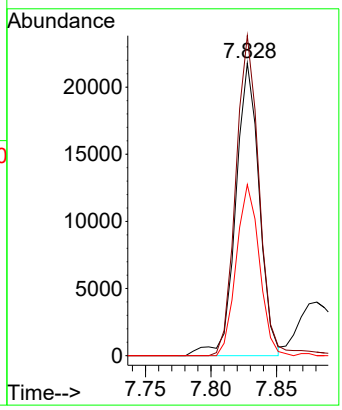


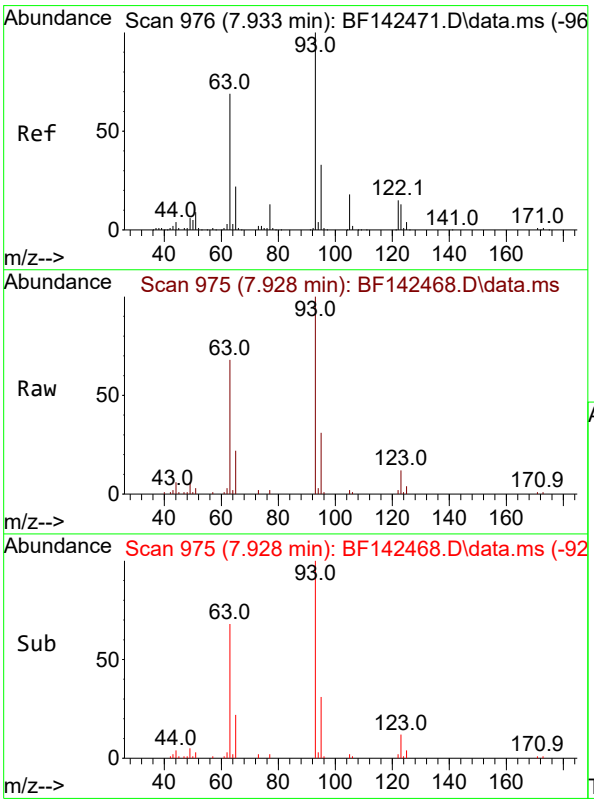
#27
2,4-Dimethylphenol
Concen: 5.051 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 27170

Ion	Ratio	Lower	Upper
122	100		
107	109.4	88.1	132.1
121	58.4	47.3	70.9

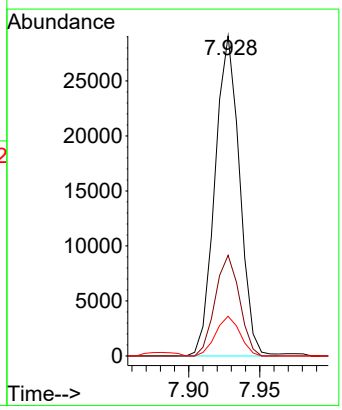


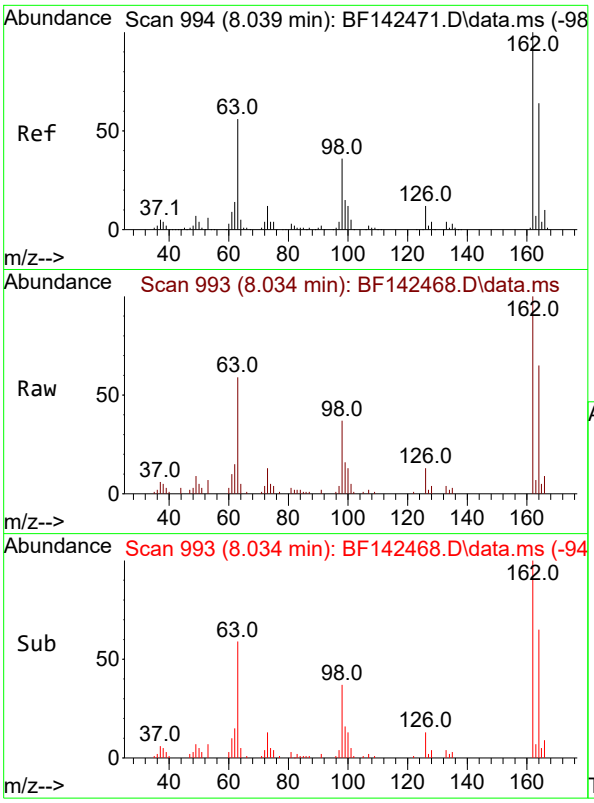


#28
bis(2-Chloroethoxy)methane
Concen: 5.296 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion: 93 Resp: 35010

Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.4	39.6
123	12.4	10.6	15.8



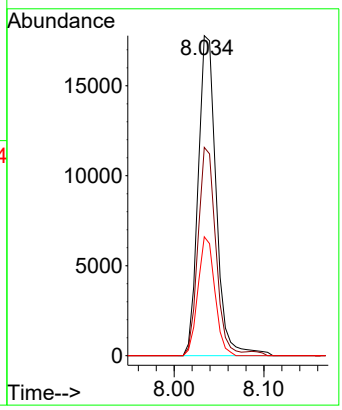


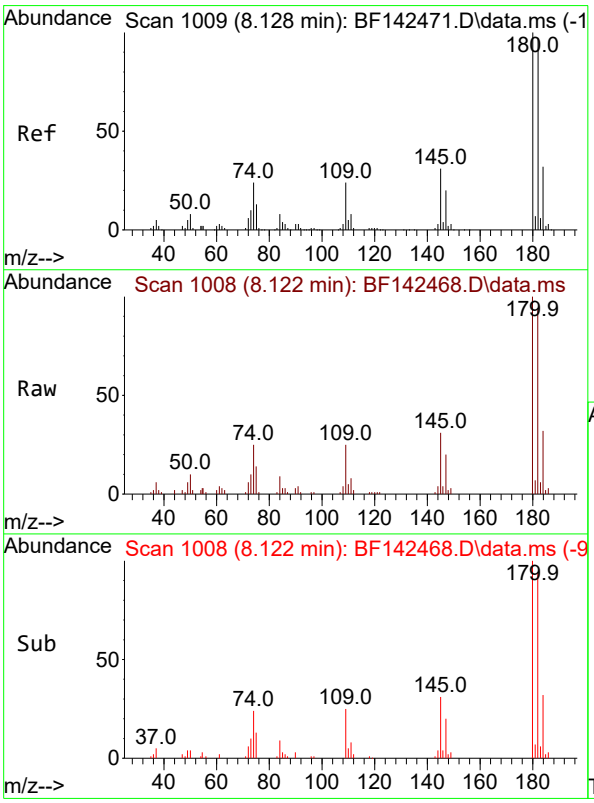
#29
2,4-Dichlorophenol
Concen: 5.072 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 24812

Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.7	83.7
98	37.2	15.5	55.5

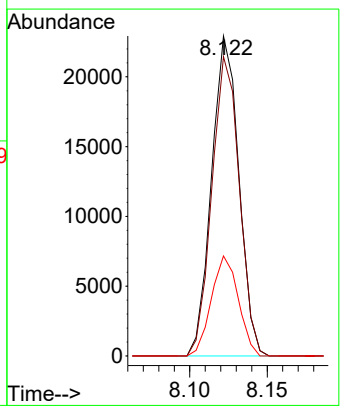


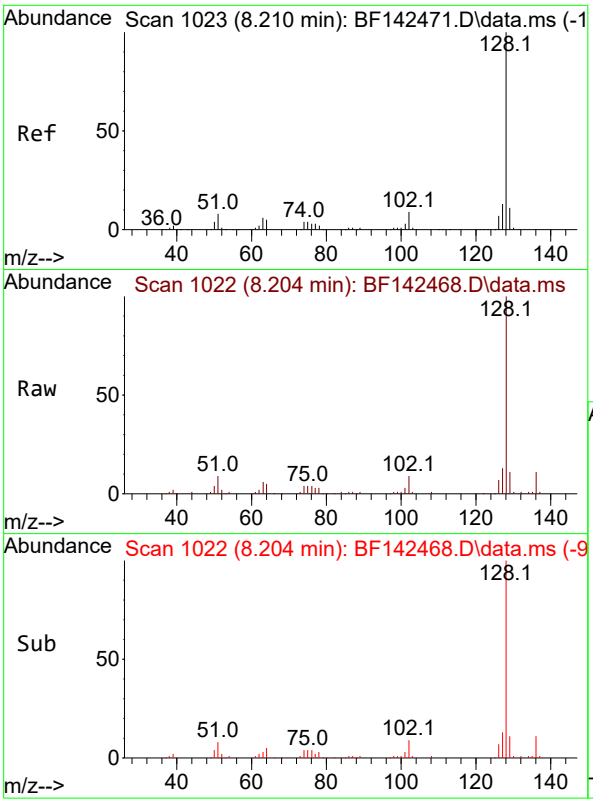


#30
1,2,4-Trichlorobenzene
Concen: 5.281 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:180 Resp: 28037

Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.0	117.0
145	31.3	25.0	37.6



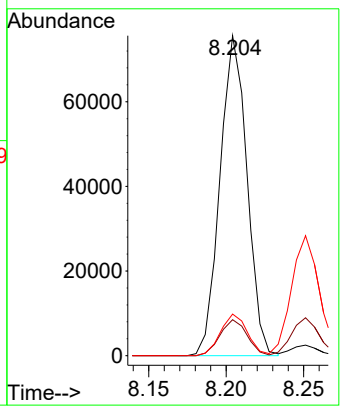


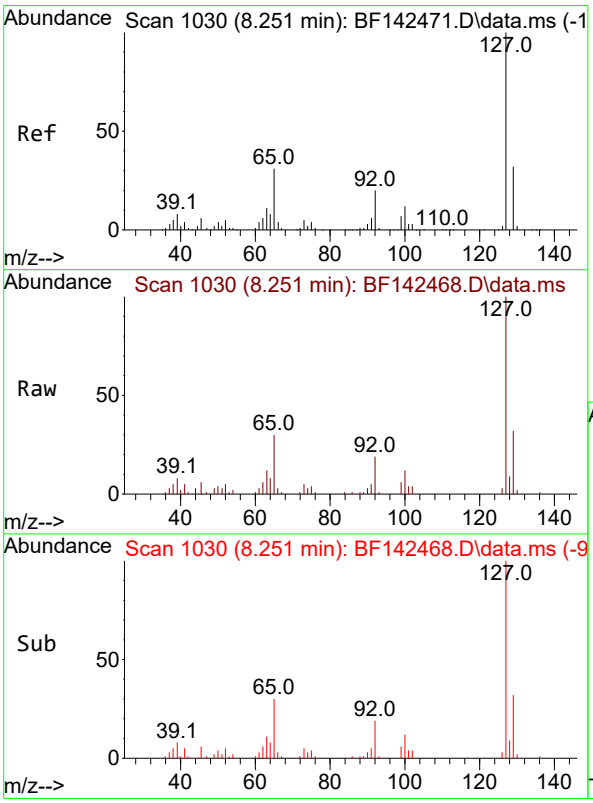
#31
Naphthalene
Concen: 5.388 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 91563

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.0	10.5	15.7

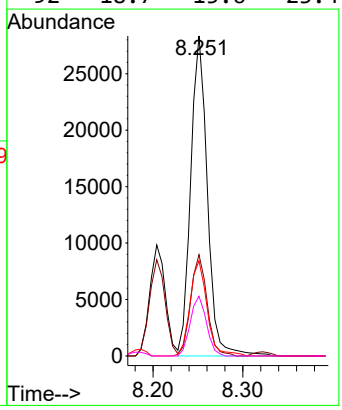


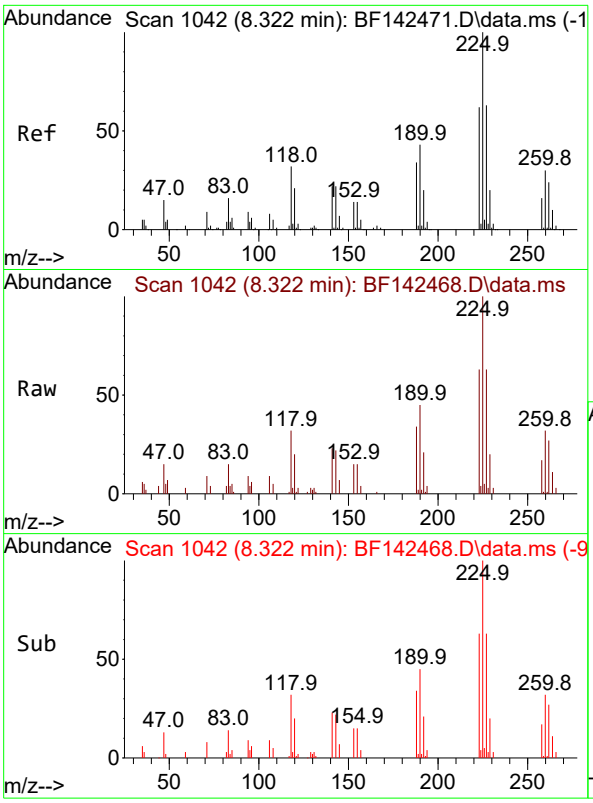


#33
4-Chloroaniline
Concen: 5.314 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:127 Resp: 36597

Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	29.7	24.9	37.3
92	18.7	15.6	23.4



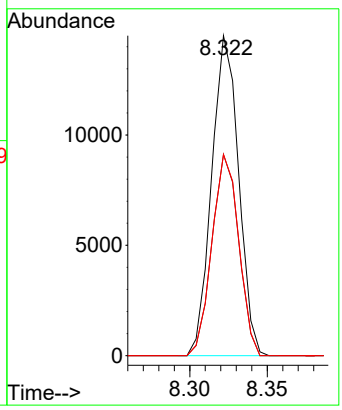


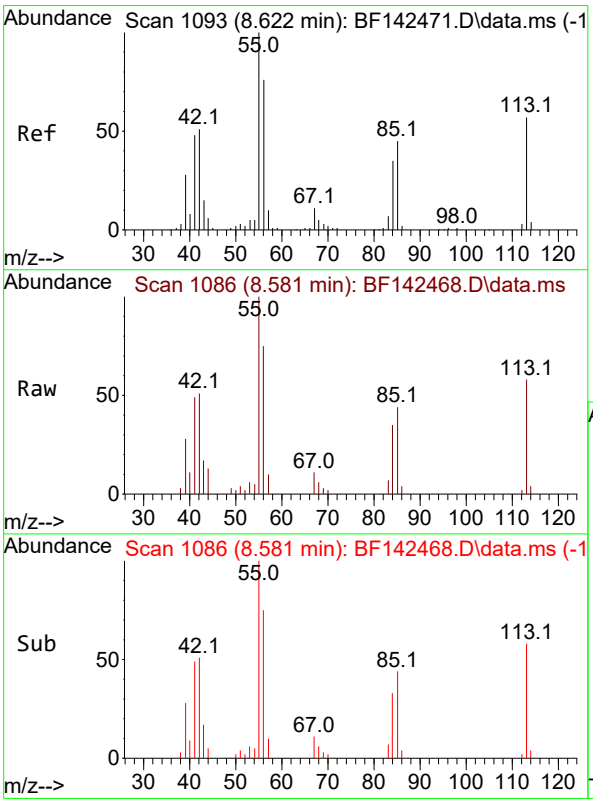
#34
Hexachlorobutadiene
Concen: 5.280 ng
RT: 8.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:225 Resp: 17505

Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	62.8	50.3	75.5

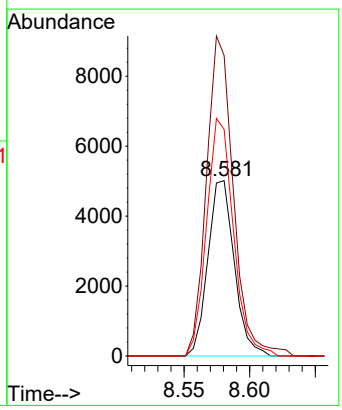


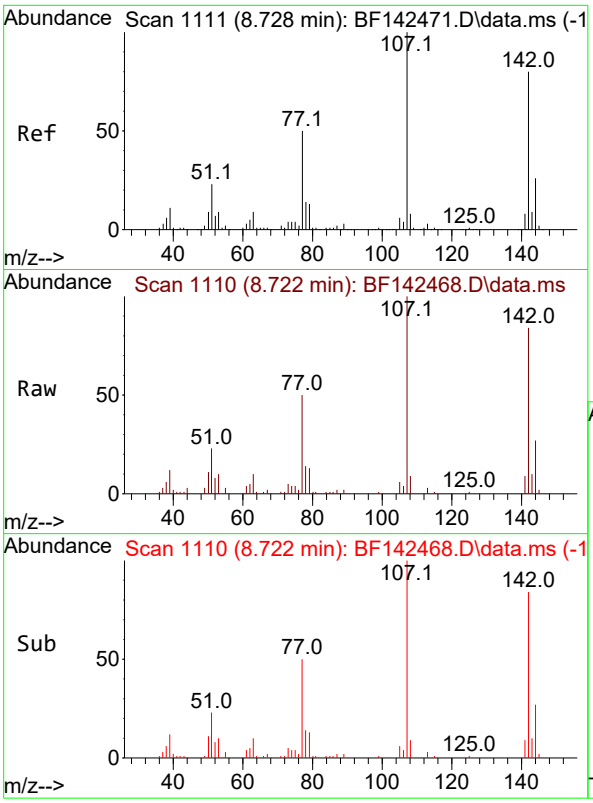


#35
Caprolactam
Concen: 5.109 ng
RT: 8.581 min Scan# 1086
Delta R.T. -0.065 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:113 Resp: 7020

Ion	Ratio	Lower	Upper
113	100		
55	171.4	154.7	194.7
56	129.2	113.2	153.2



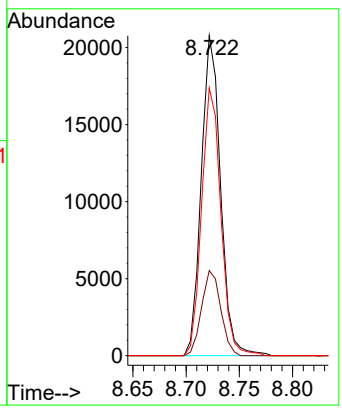


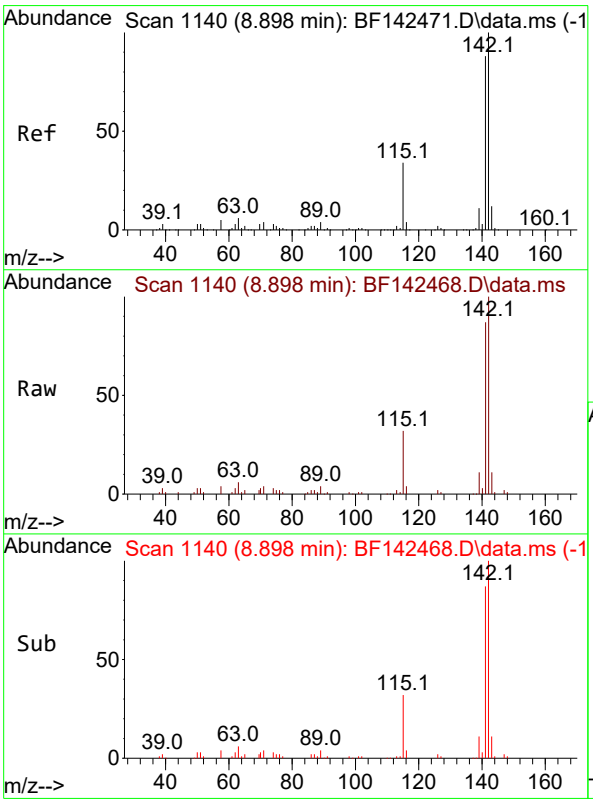
#36
4-Chloro-3-methylphenol
Concen: 5.225 ng
RT: 8.722 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 26197

Ion	Ratio	Lower	Upper
107	100		
144	26.6	20.9	31.3
142	83.7	64.2	96.2

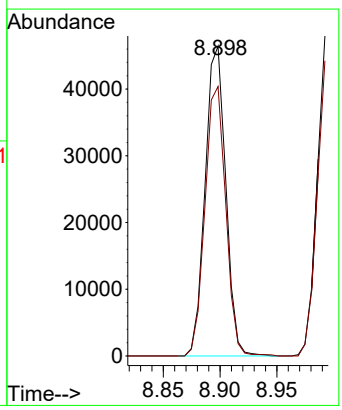


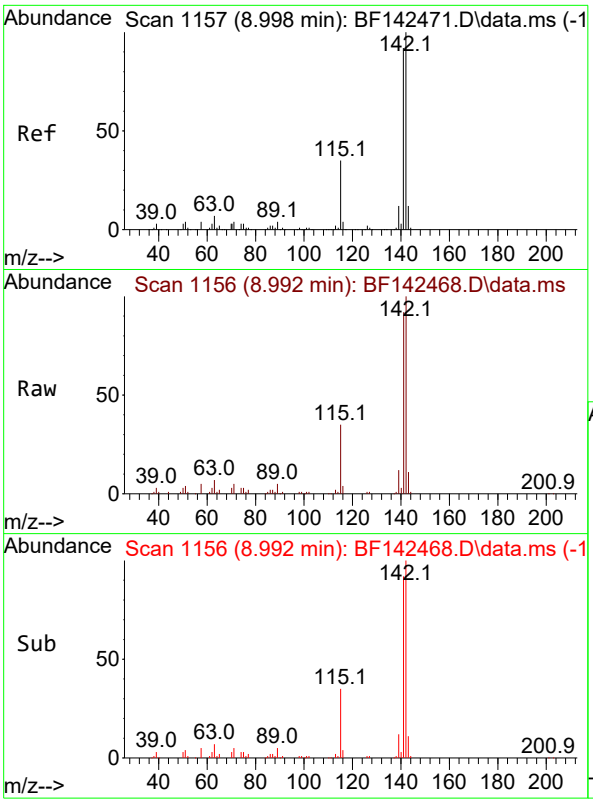


#37
2-Methylnaphthalene
Concen: 5.478 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:142 Resp: 58574

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1



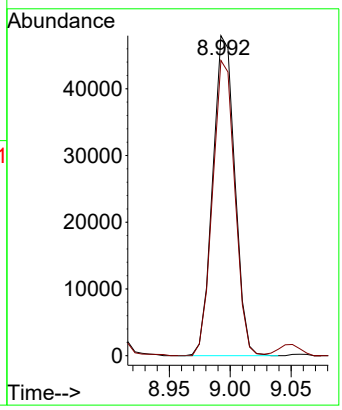


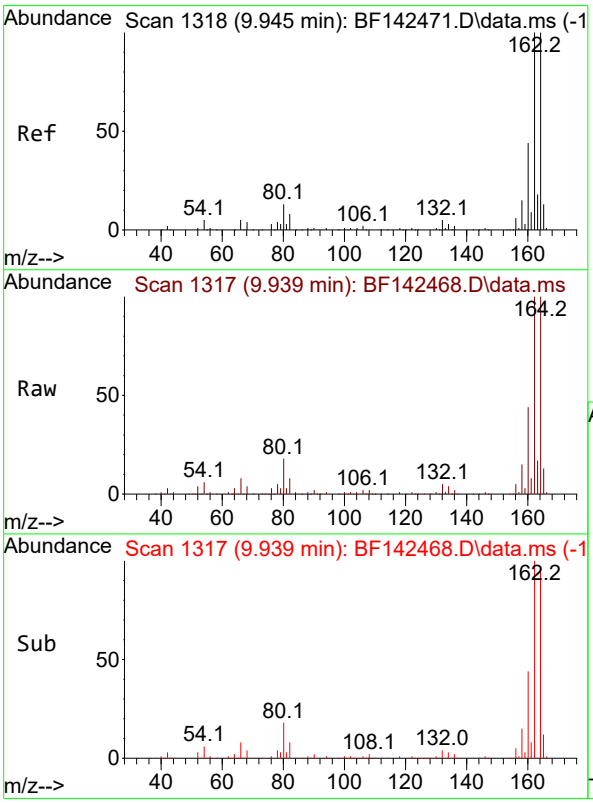
#38
1-Methylnaphthalene
Concen: 5.486 ng
RT: 8.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 60674

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2

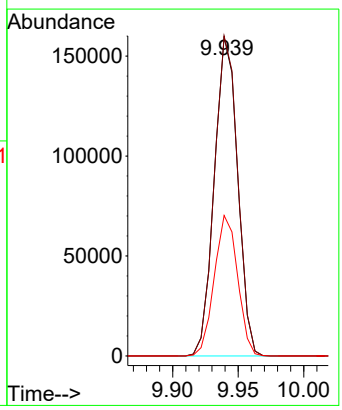


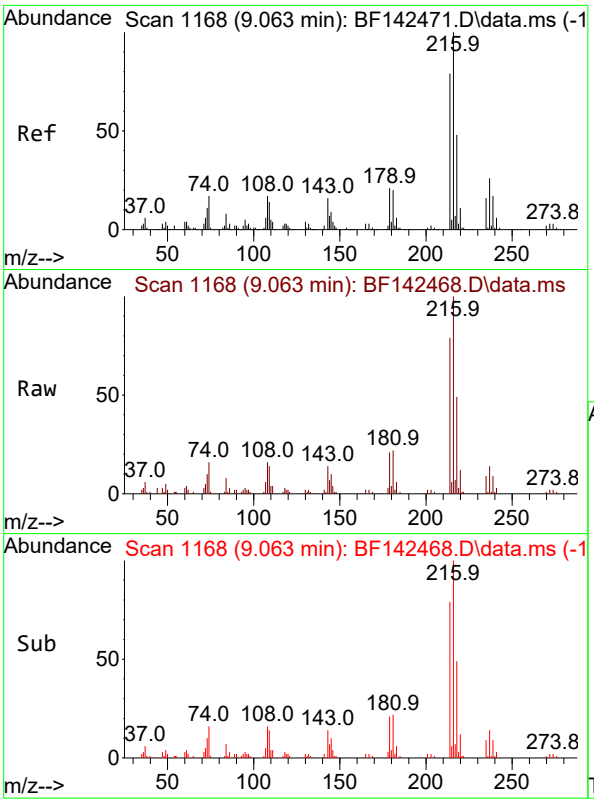


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:164 Resp: 197100

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	44.1	35.6	53.4



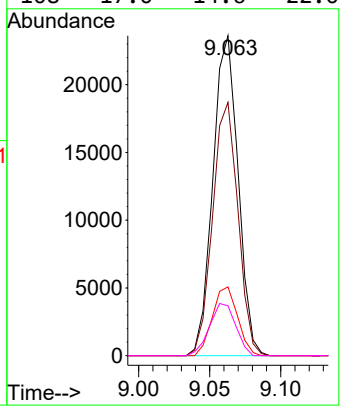


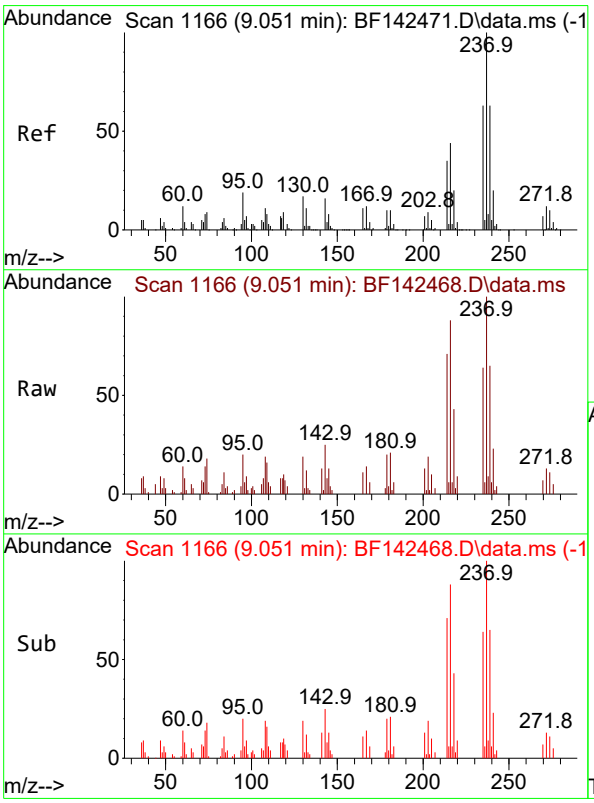
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.152 ng
RT: 9.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:216 Resp: 29150

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.9	94.3
179	21.5	16.9	25.3
108	17.0	14.6	22.0

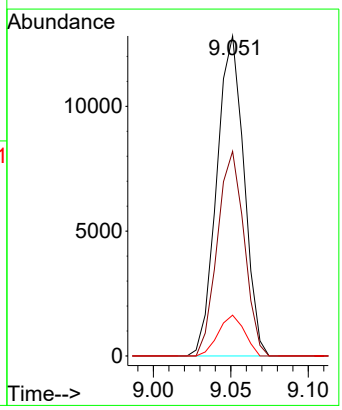


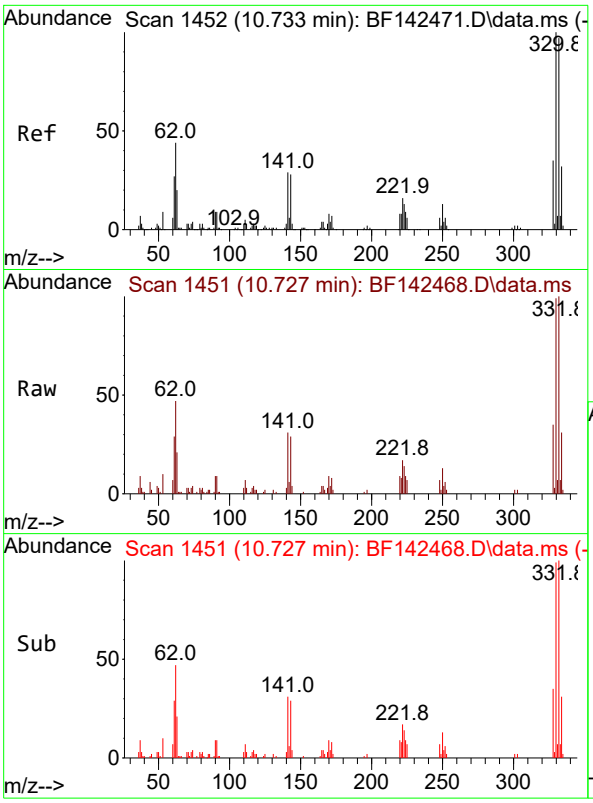


#41
Hexachlorocyclopentadiene
Concen: 4.105 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:237 Resp: 15667

Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.3	83.3
272	12.7	0.0	32.4



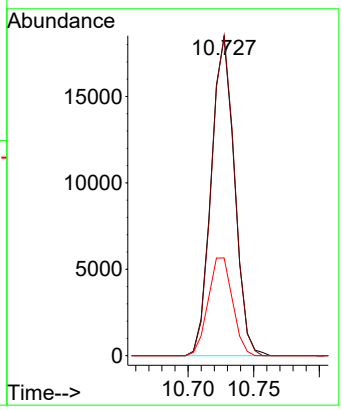


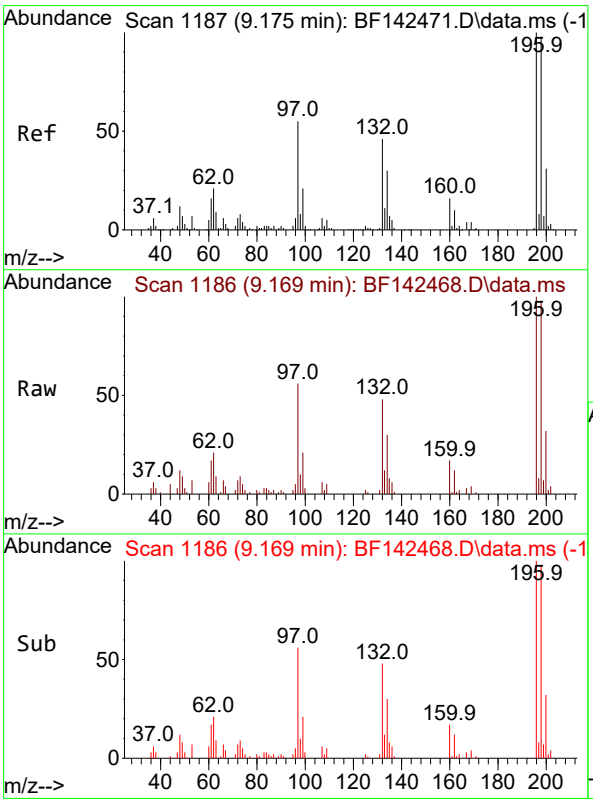
#42
2,4,6-Tribromophenol
Concen: 10.378 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:330 Resp: 22702

Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.6	116.4
141	32.2	24.6	36.8

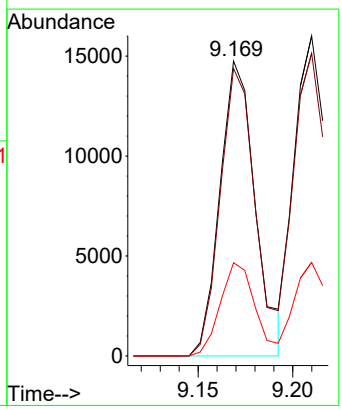


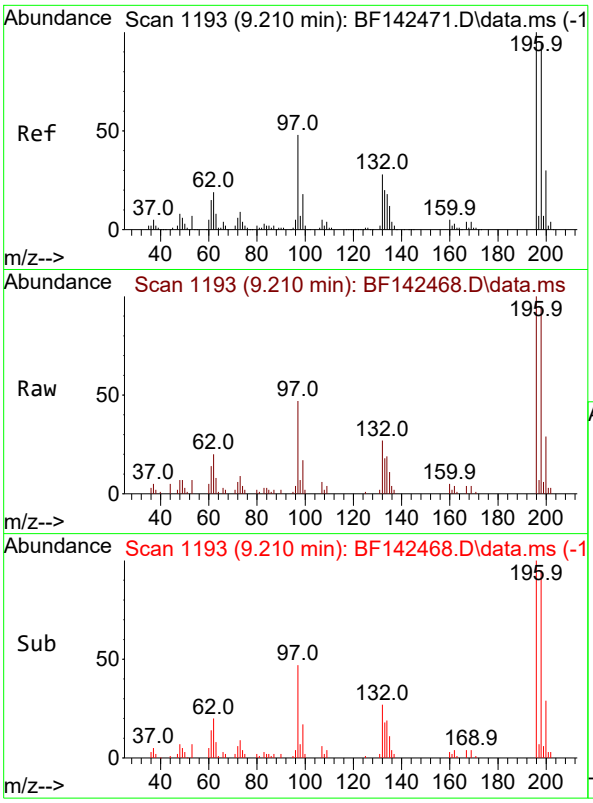


#43
2,4,6-Trichlorophenol
Concen: 5.001 ng
RT: 9.169 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:196 Resp: 19079

Ion	Ratio	Lower	Upper
196	100		
198	97.5	78.8	118.2
200	31.6	24.9	37.3



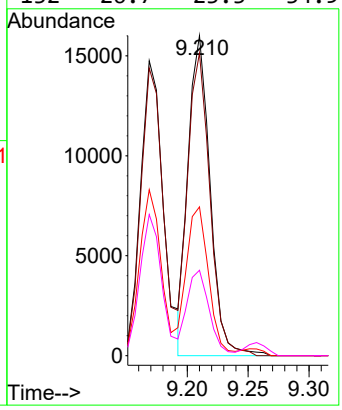


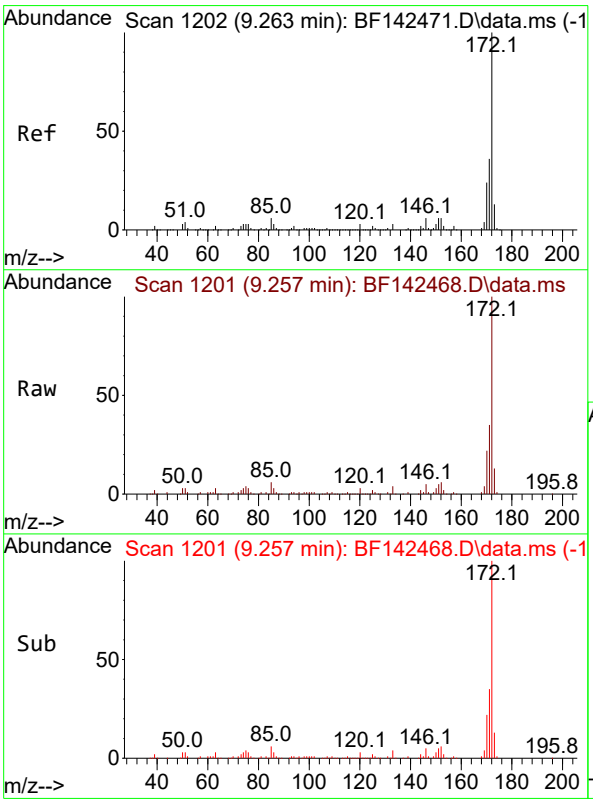
#44
2,4,5-Trichlorophenol
Concen: 5.020 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 20200

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.5	113.3
97	46.5	39.3	58.9
132	26.7	23.3	34.9

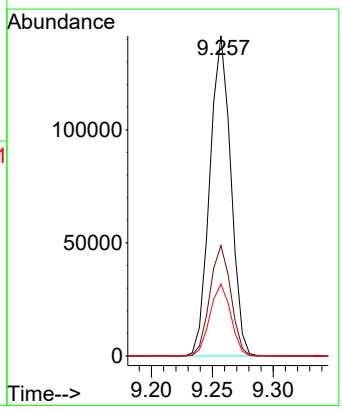


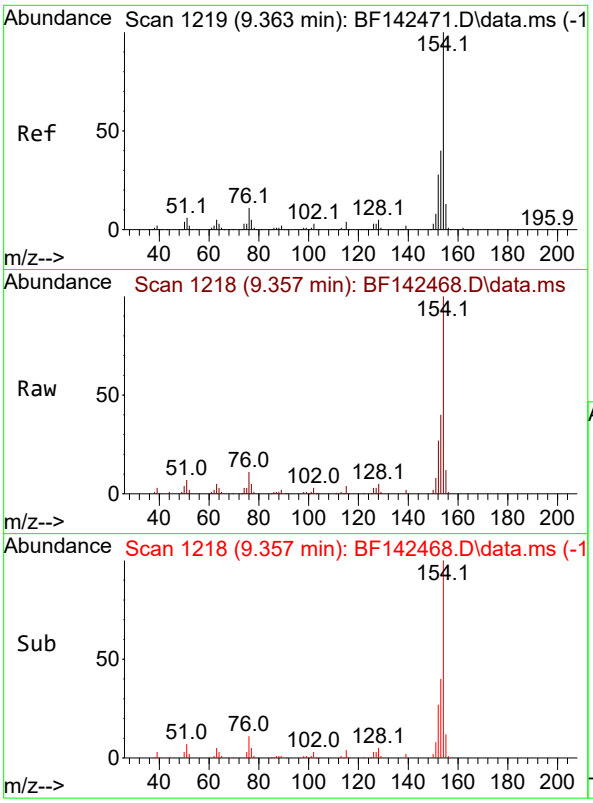


#45
2-Fluorobiphenyl
Concen: 11.583 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:172 Resp: 170142

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.4	18.9	28.3



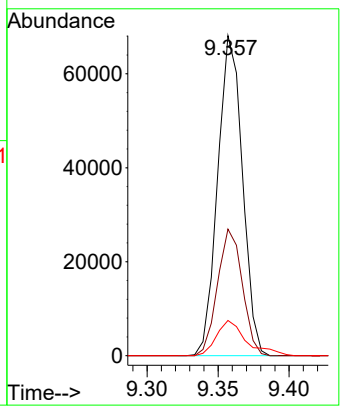


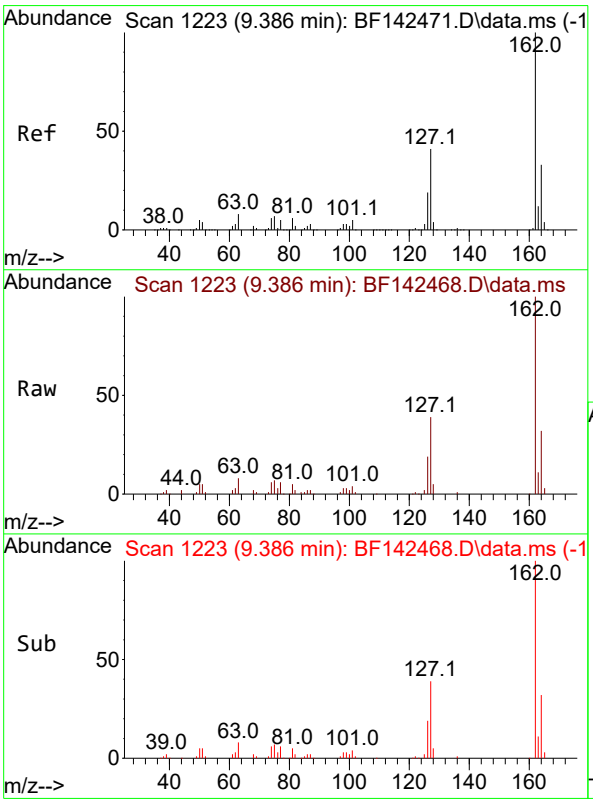
#46
1,1'-Biphenyl
Concen: 5.387 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 82376

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.4	60.4
76	11.0	0.0	30.8

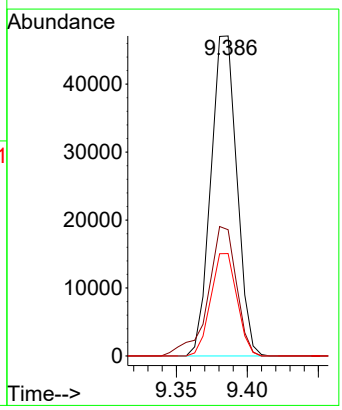


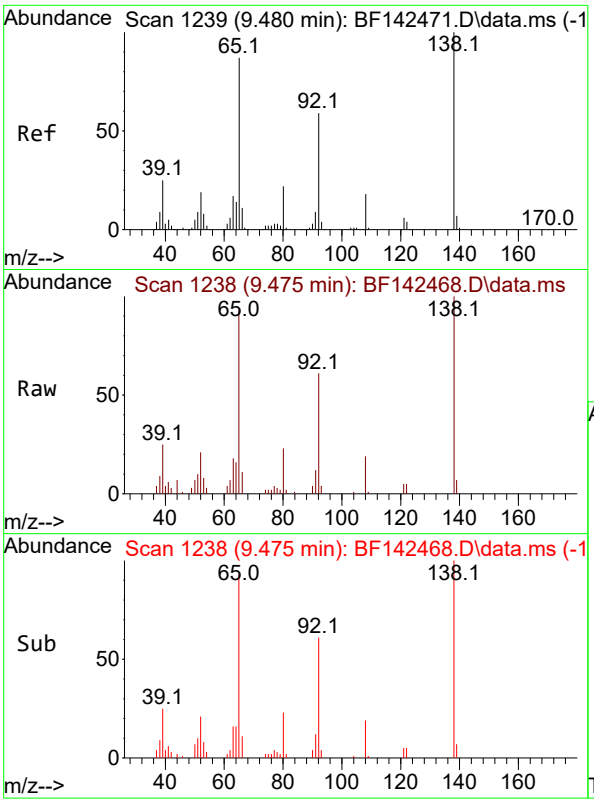


#47
2-Chloronaphthalene
Concen: 5.311 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:162 Resp: 60002

Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.5	50.3
164	32.0	26.1	39.1



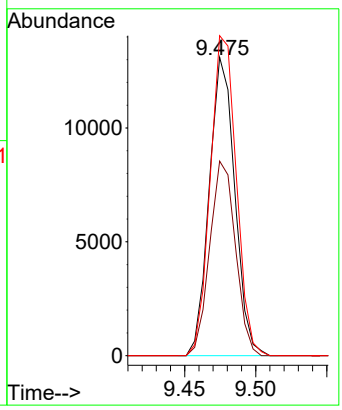


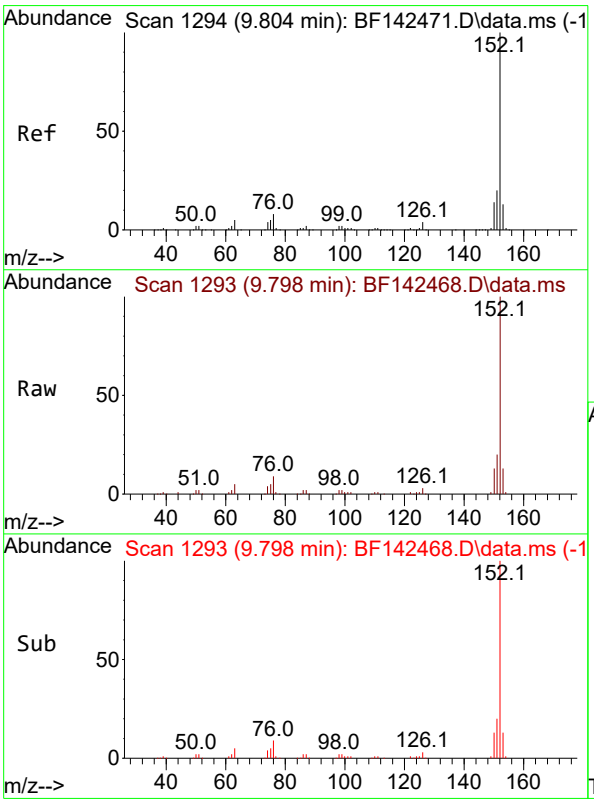
#48
2-Nitroaniline
Concen: 5.022 ng
RT: 9.475 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 65 Resp: 16399

Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.4	81.6
138	107.2	91.4	137.2

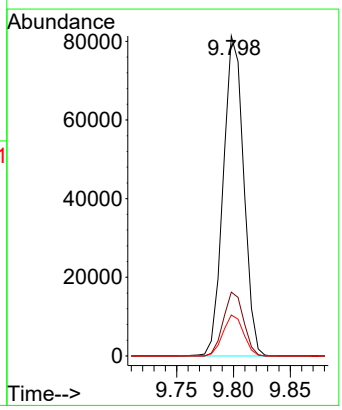


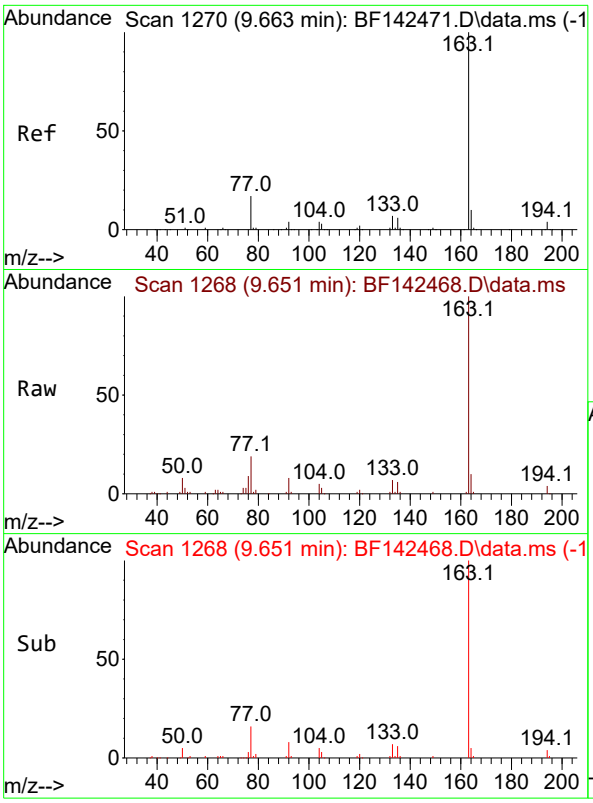


#49
Acenaphthylene
Concen: 5.330 ng
RT: 9.798 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:152 Resp: 101686

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.8	10.6	15.8



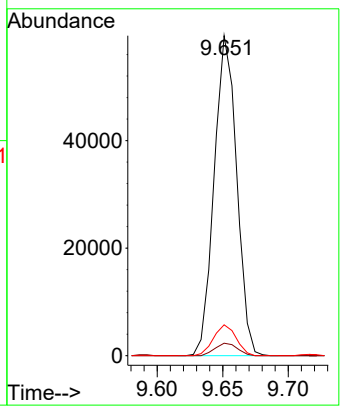


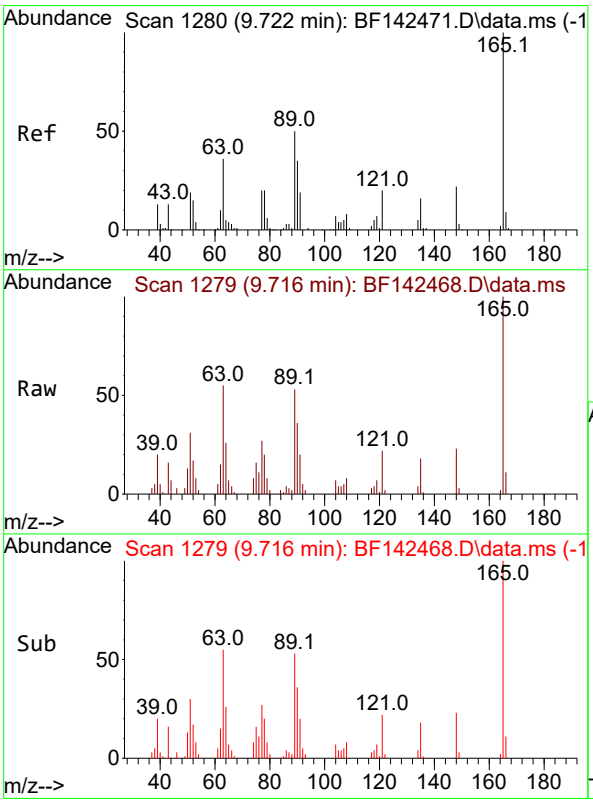
#50
Dimethylphthalate
Concen: 5.461 ng
RT: 9.651 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:163 Resp: 71020

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.7	8.2	12.4

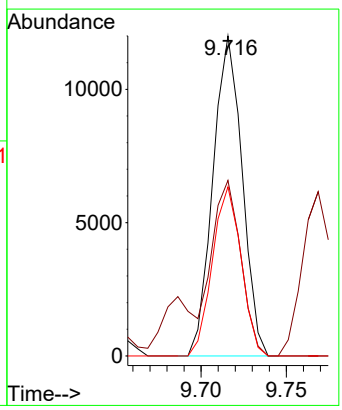


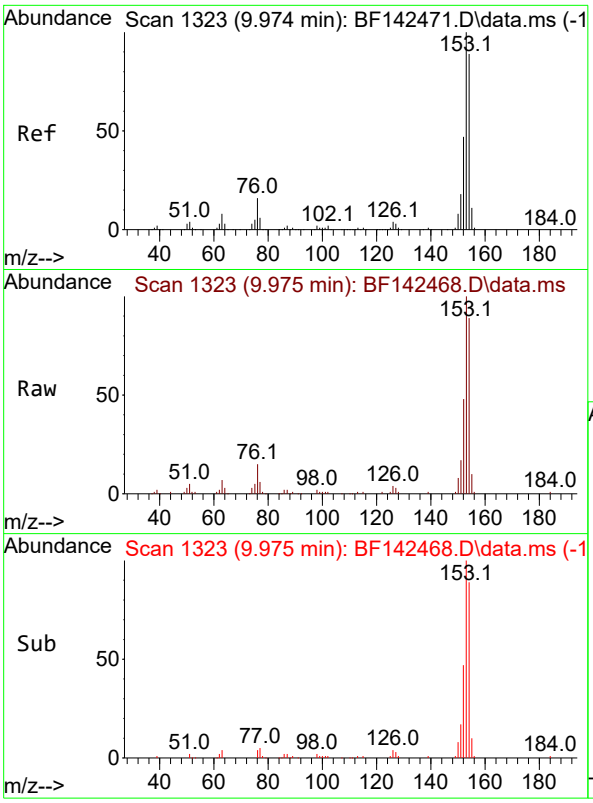


#51
2,6-Dinitrotoluene
Concen: 5.093 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:165 Resp: 14295

Ion	Ratio	Lower	Upper
165	100		
63	54.8	42.9	64.3
89	52.9	40.2	60.4



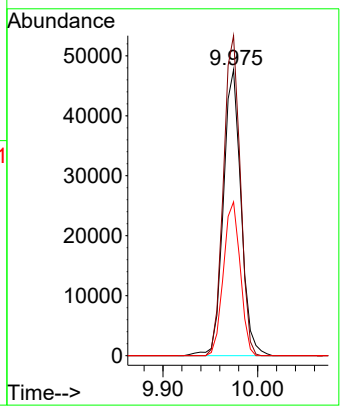


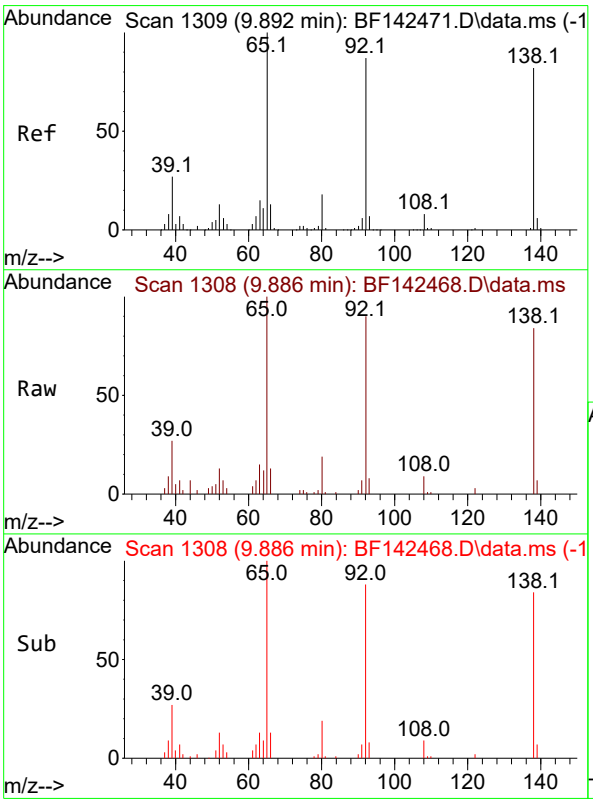
#52
Acenaphthene
Concen: 5.325 ng
RT: 9.975 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:154 Resp: 62026

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.0	135.0
152	53.8	42.6	64.0

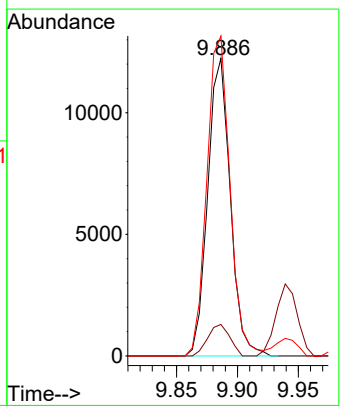


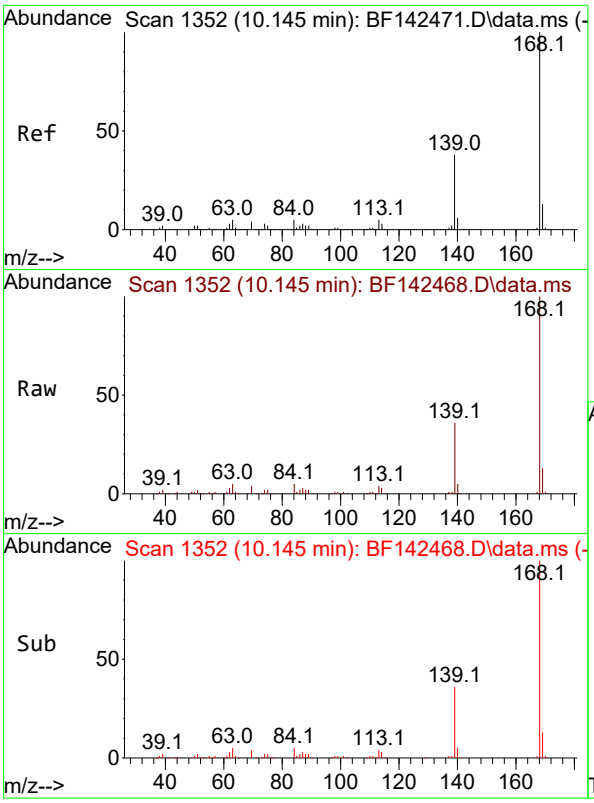


#53
3-Nitroaniline
Concen: 5.137 ng
RT: 9.886 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 15749

Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.1	12.1
92	107.5	85.2	127.8



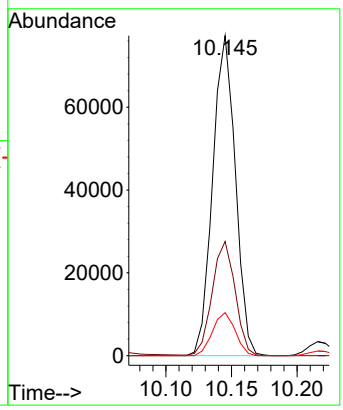


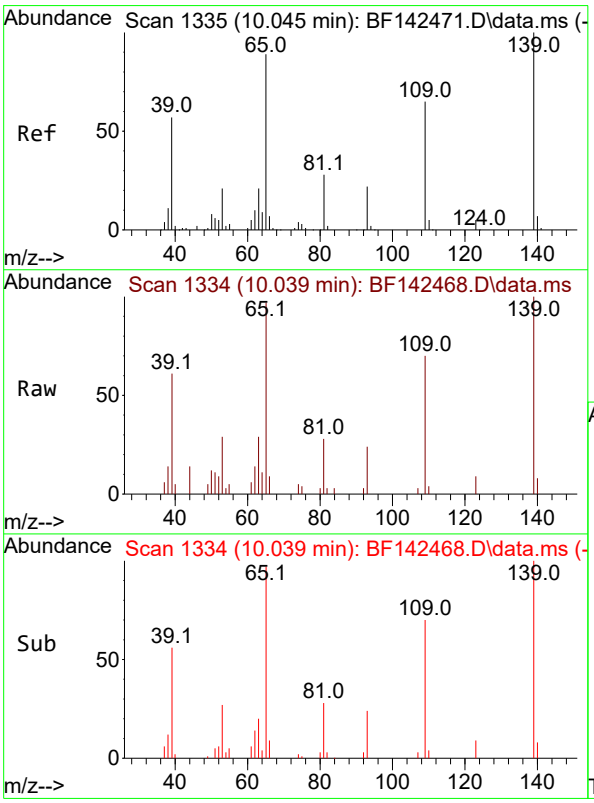
#55
Dibenzofuran
Concen: 5.545 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:168 Resp: 92955

Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.2	45.2
169	13.5	10.7	16.1

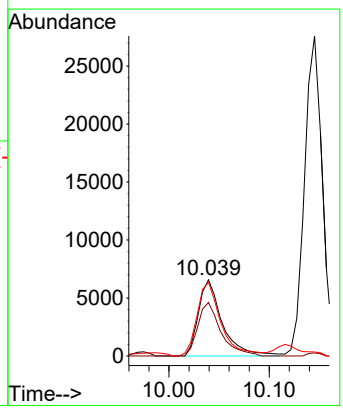


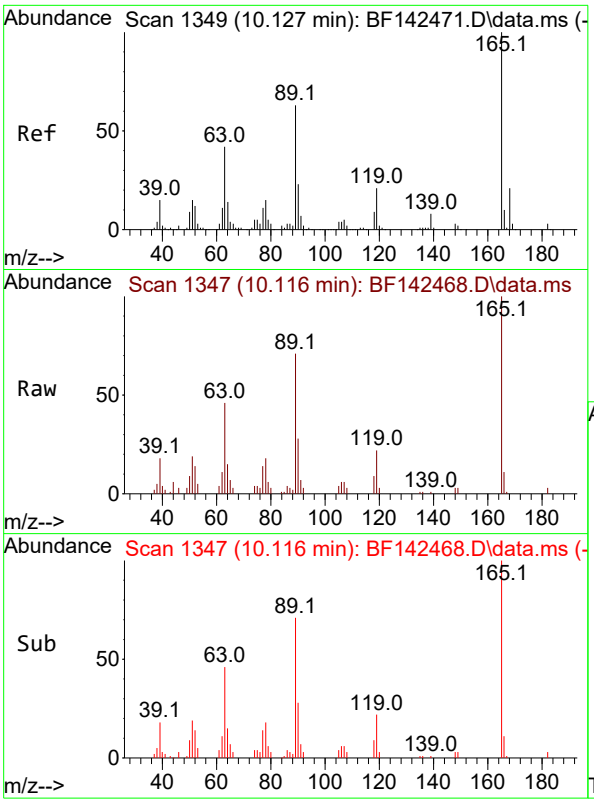


#56
4-Nitrophenol
Concen: 4.808 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:139 Resp: 10876

Ion	Ratio	Lower	Upper
139	100		
109	70.0	45.1	85.1
65	96.7	69.7	109.7



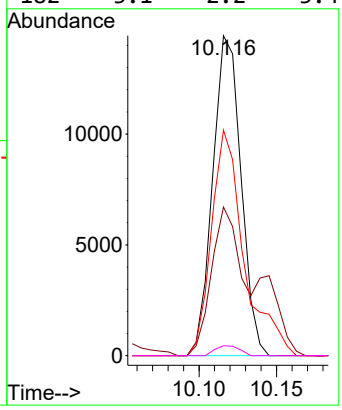


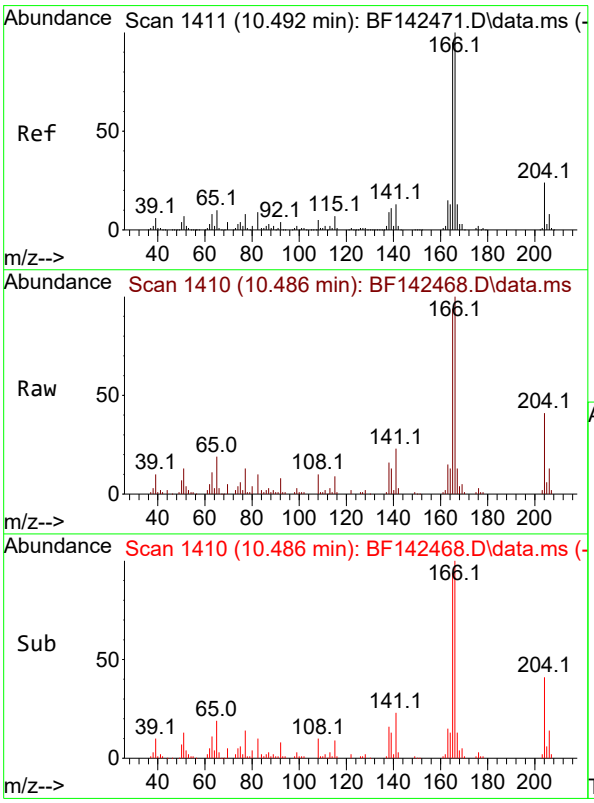
#57
2,4-Dinitrotoluene
Concen: 4.998 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 18322

Ion	Ratio	Lower	Upper
165	100		
63	46.5	33.6	50.4
89	70.5	50.2	75.4
182	3.1	2.2	3.4

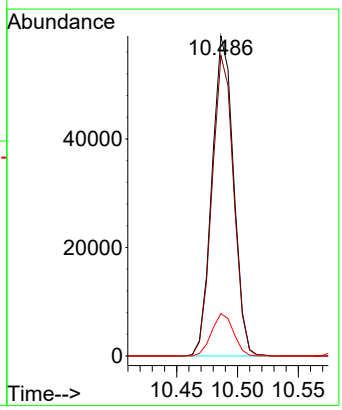


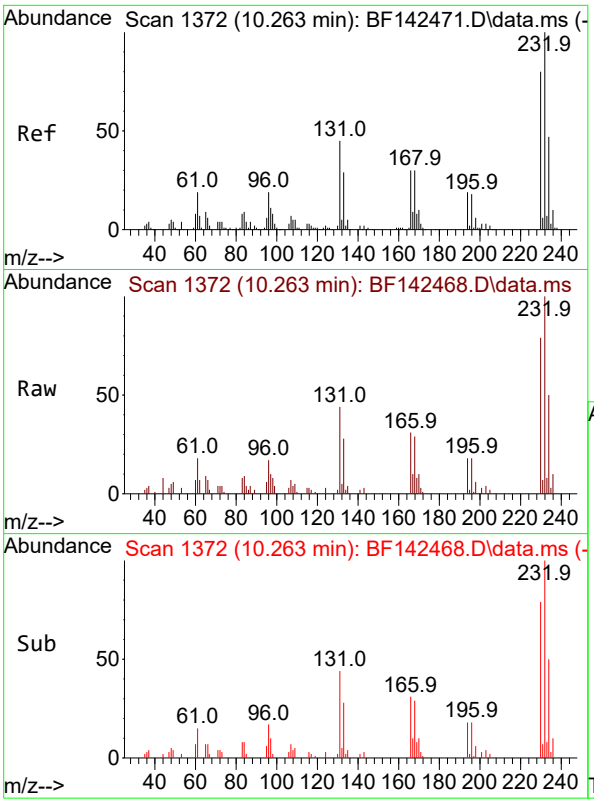


#58
Fluorene
Concen: 5.620 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:166 Resp: 72775

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.8	113.8
167	13.2	10.6	16.0



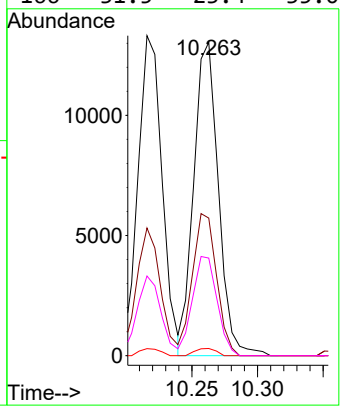


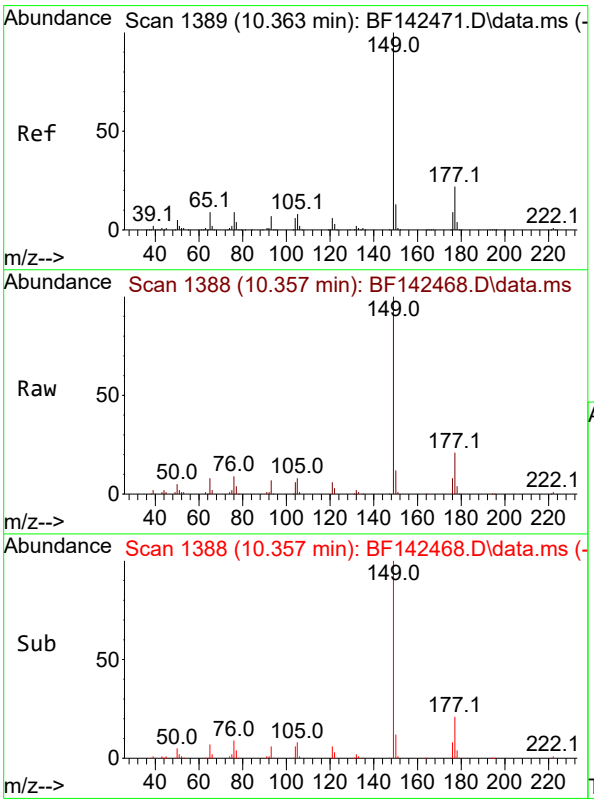
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:232 Resp: 17096

Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.2	52.8
130	1.9	1.7	2.5
166	31.5	23.4	35.0

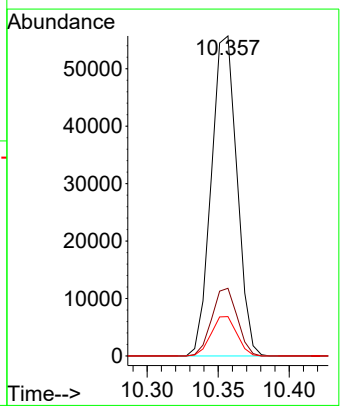


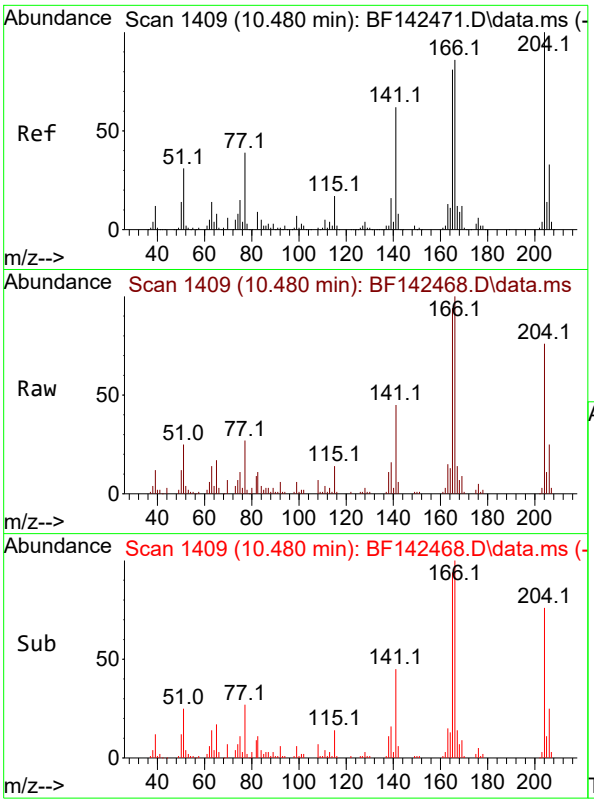


#60
Diethylphthalate
Concen: 5.515 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 70046

Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.6	26.4
150	12.3	10.1	15.1



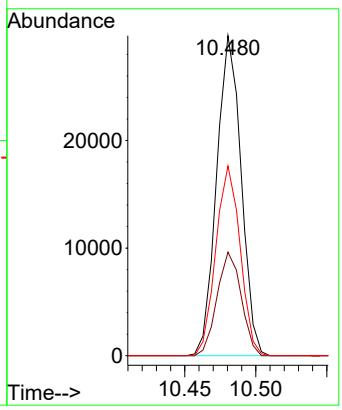


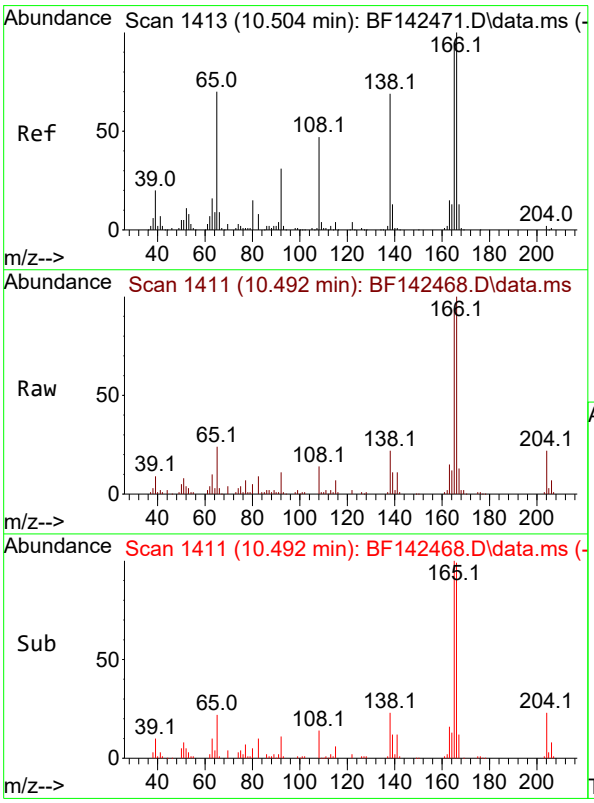
#61
4-Chlorophenyl-phenylether
Concen: 5.611 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:204 Resp: 35694

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	59.3	49.5	74.3

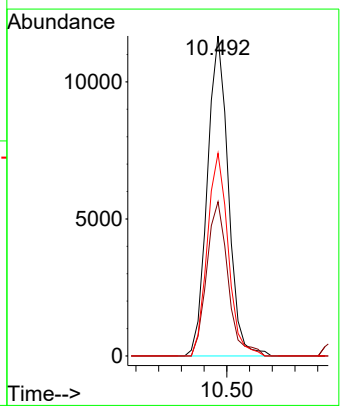


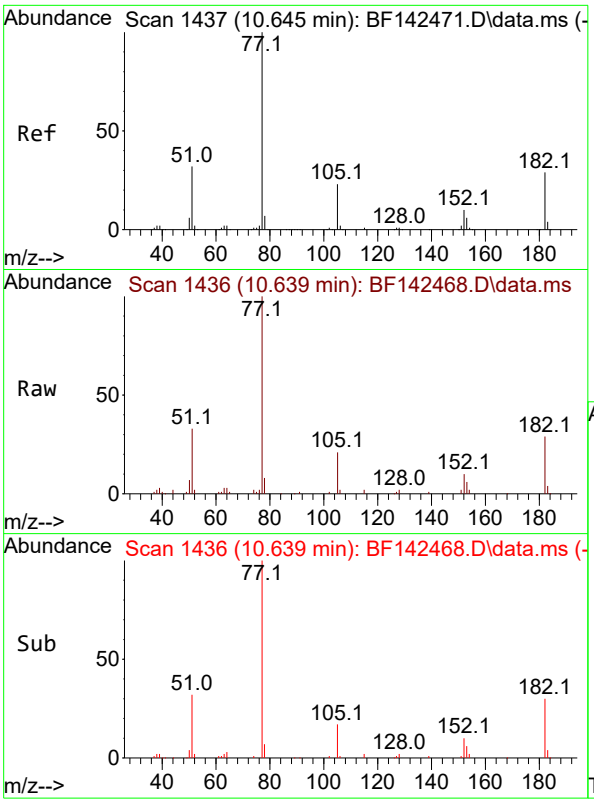


#62
4-Nitroaniline
Concen: 5.366 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:138 Resp: 14920

Ion	Ratio	Lower	Upper
138	100		
92	48.2	26.0	66.0
108	63.4	48.4	88.4



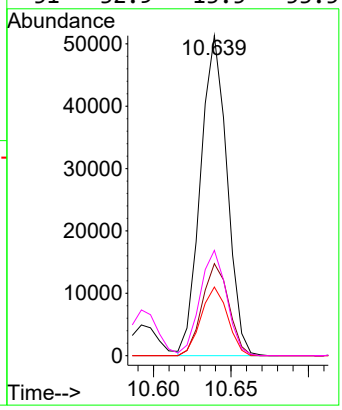


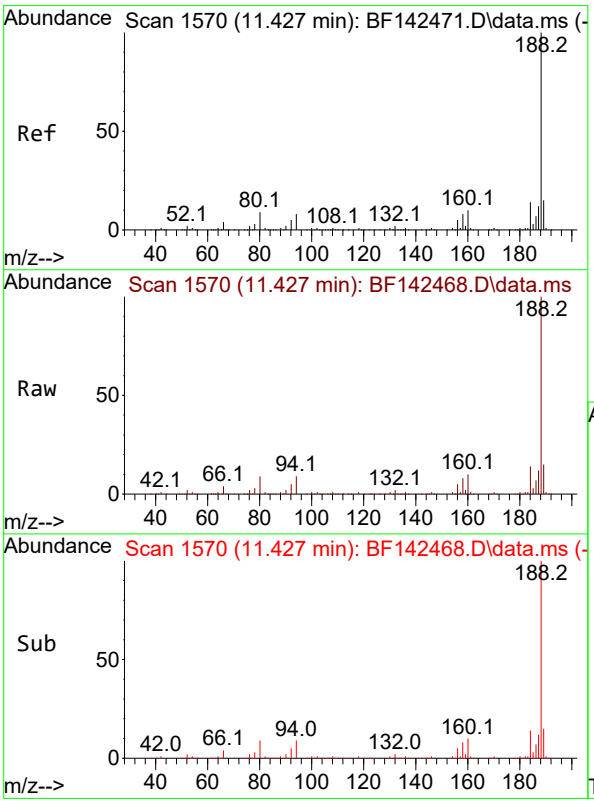
#63
Azobenzene
Concen: 5.351 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 61041

Ion	Ratio	Lower	Upper
77	100		
182	28.8	9.0	49.0
105	21.4	2.4	42.4
51	32.9	13.5	53.5

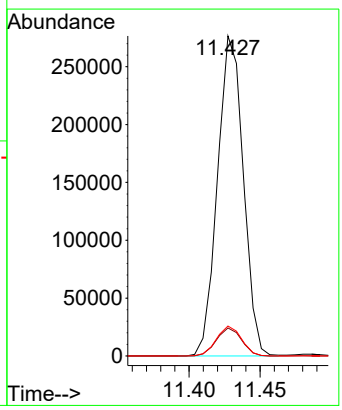


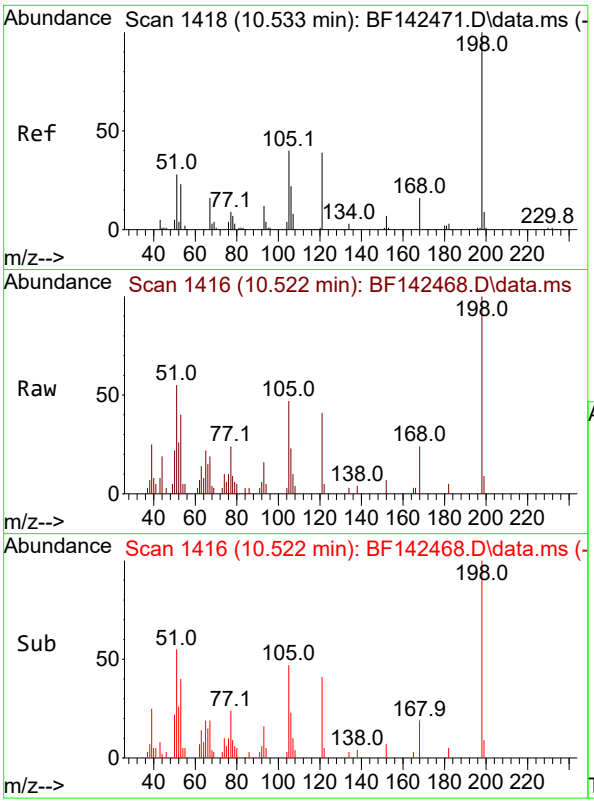


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:188 Resp: 349474

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.3	7.4	11.0



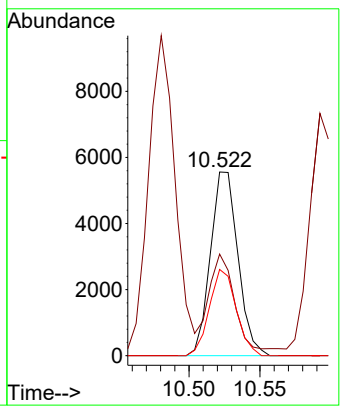


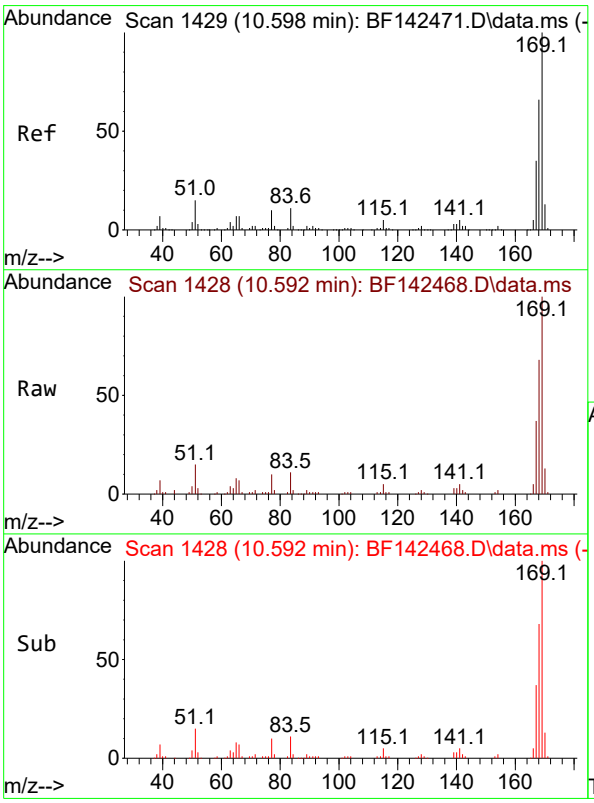
#65
4,6-Dinitro-2-methylphenol
Concen: 3.833 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:198 Resp: 7475

Ion	Ratio	Lower	Upper
198	100		
51	55.3	28.3	68.3
105	46.9	21.3	61.3

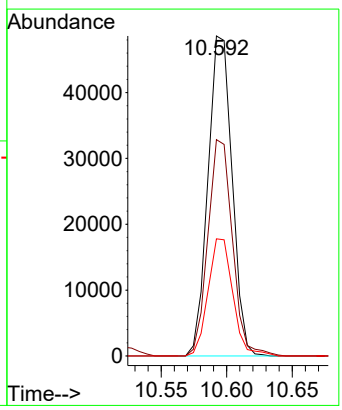


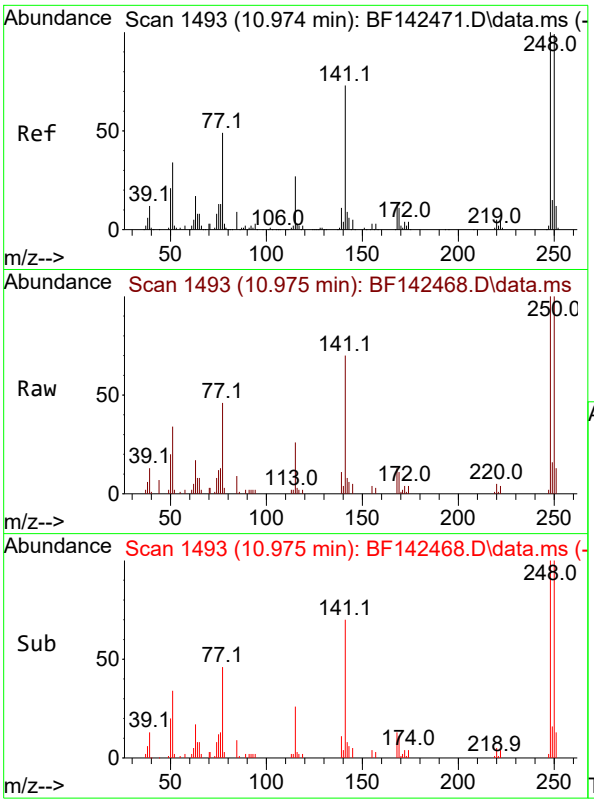


#66
n-Nitrosodiphenylamine
Concen: 5.204 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:169 Resp: 62215

Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.7	79.1
167	36.6	28.3	42.5



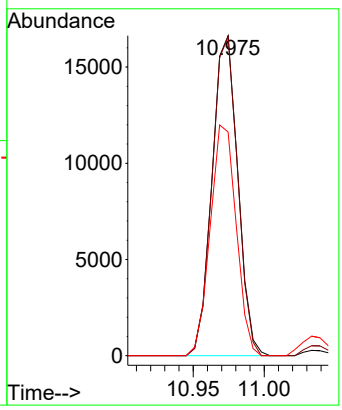


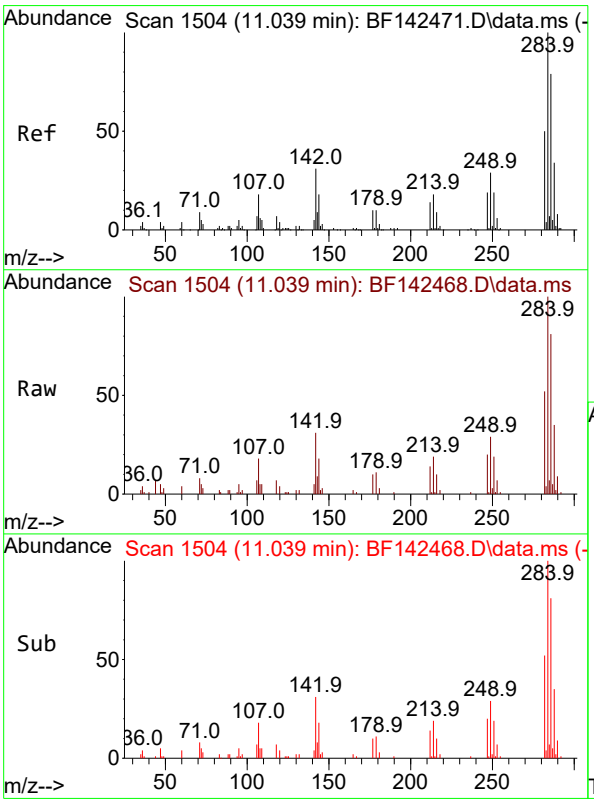
#67
4-Bromophenyl-phenylether
Concen: 5.076 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:248 Resp: 20974

Ion	Ratio	Lower	Upper
248	100		
250	99.7	79.0	118.4
141	69.9	58.4	87.6

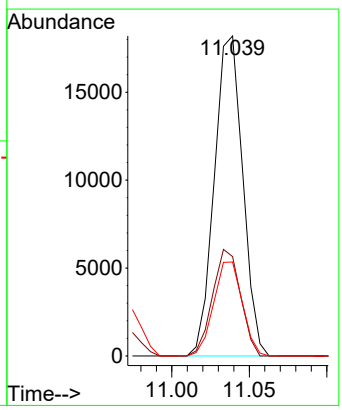


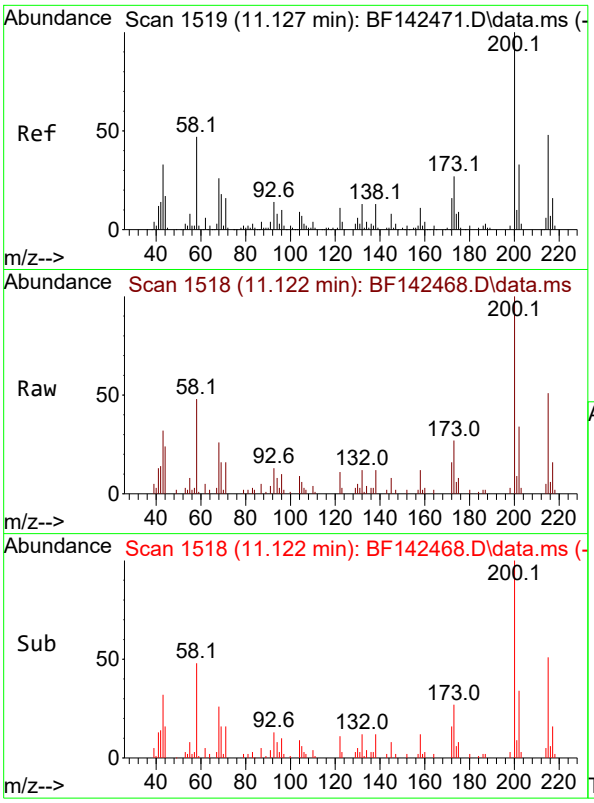


#68
Hexachlorobenzene
Concen: 5.067 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:284 Resp: 23159

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.4	23.6	35.4



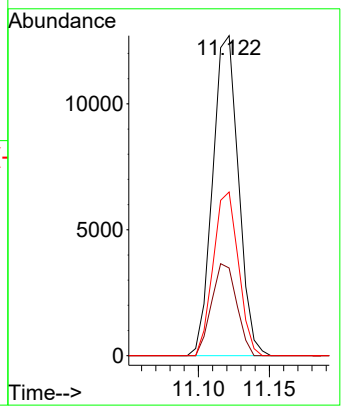


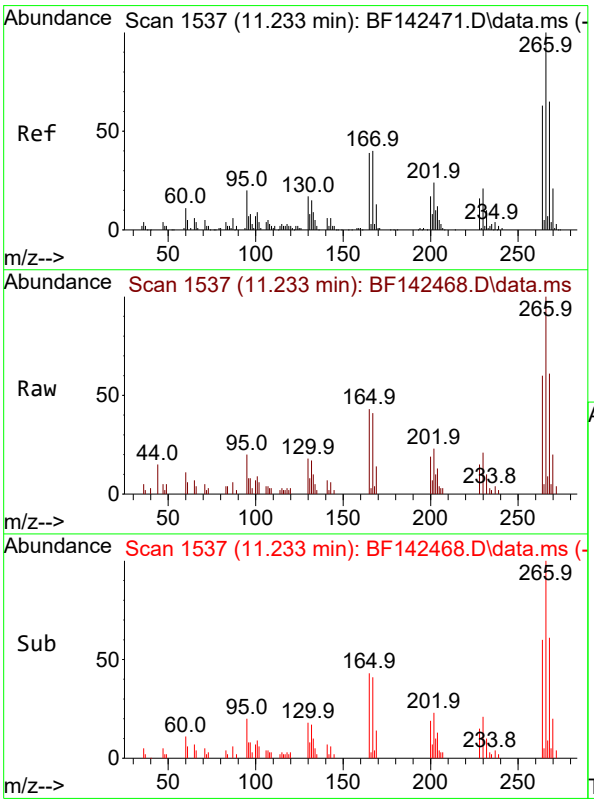
#69
Atrazine
Concen: 5.053 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:200 Resp: 16045

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	51.1	28.5	68.5

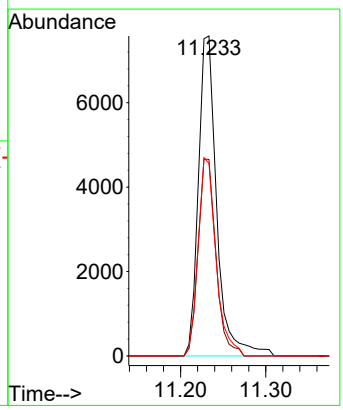


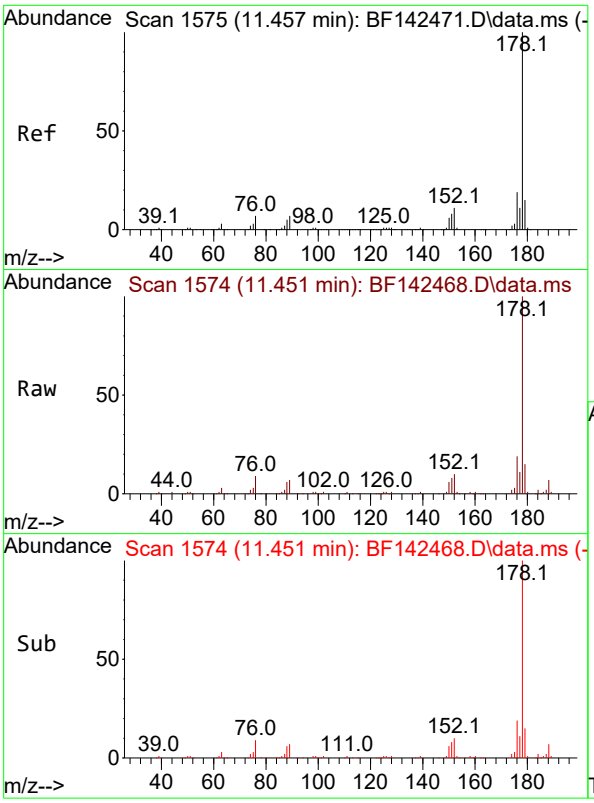


#70
Pentachlorophenol
Concen: 4.401 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:266 Resp: 11357

Ion	Ratio	Lower	Upper
266	100		
268	61.4	51.7	77.5
264	60.2	50.4	75.6



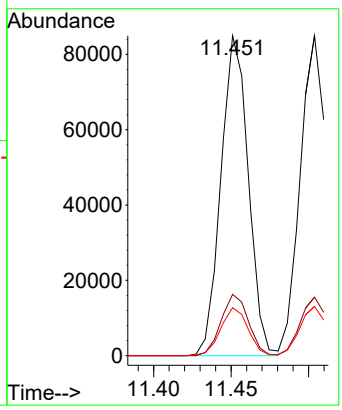


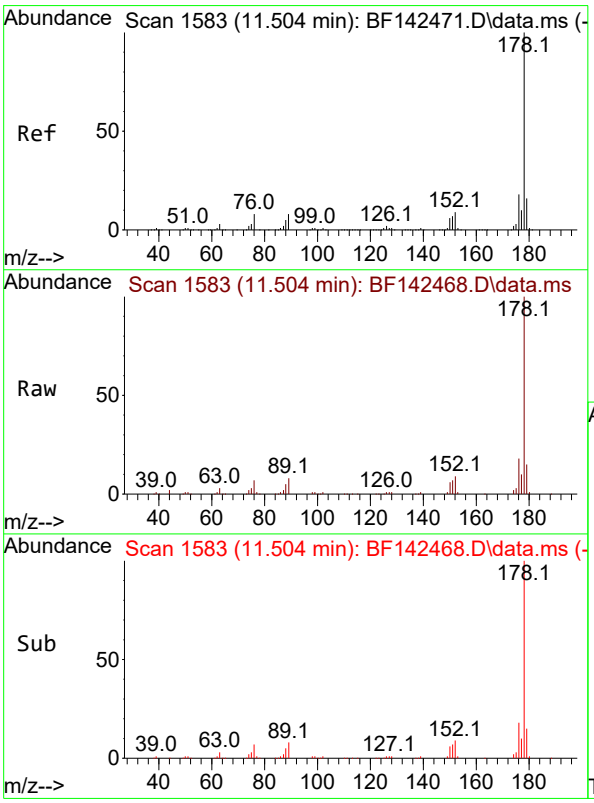
#71
Phenanthrene
Concen: 5.594 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 104484

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.0	12.3	18.5

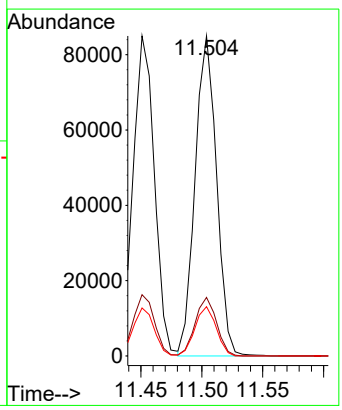


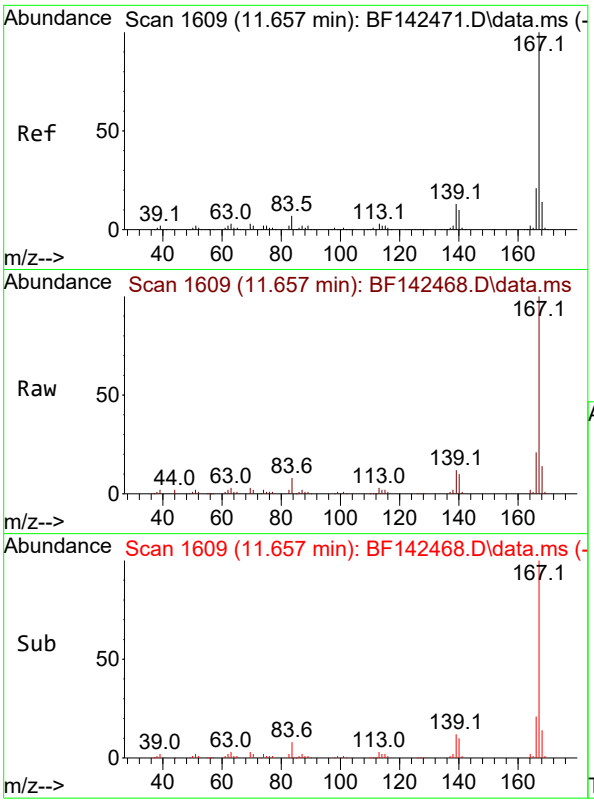


#72
Anthracene
Concen: 5.457 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:178 Resp: 104017

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.4	18.6



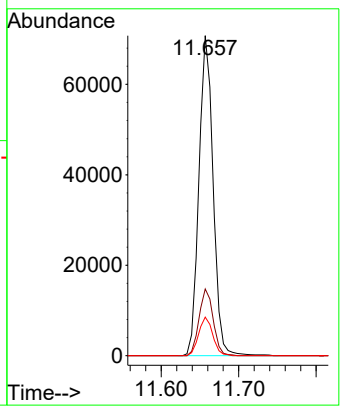


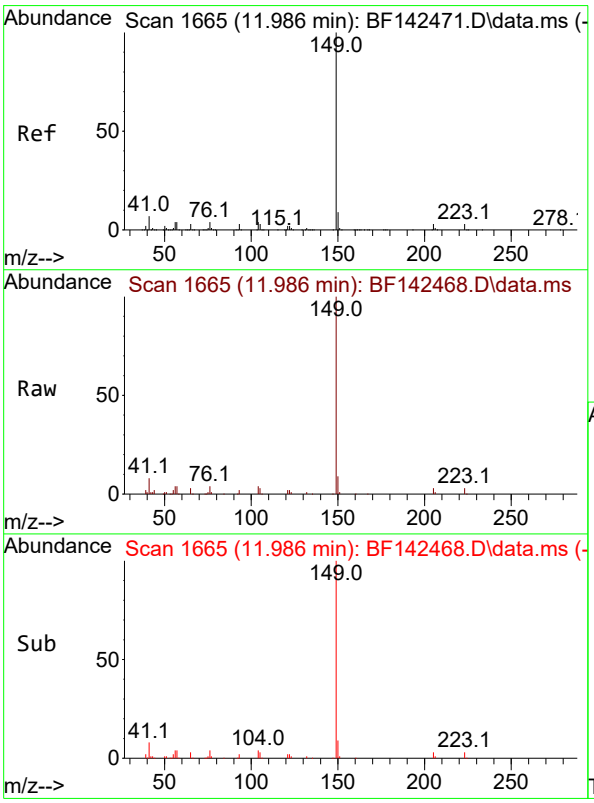
#73
Carbazole
Concen: 5.521 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:167 Resp: 89967

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.9	25.3
139	12.1	10.2	15.4

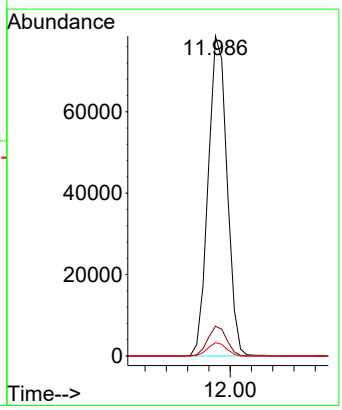


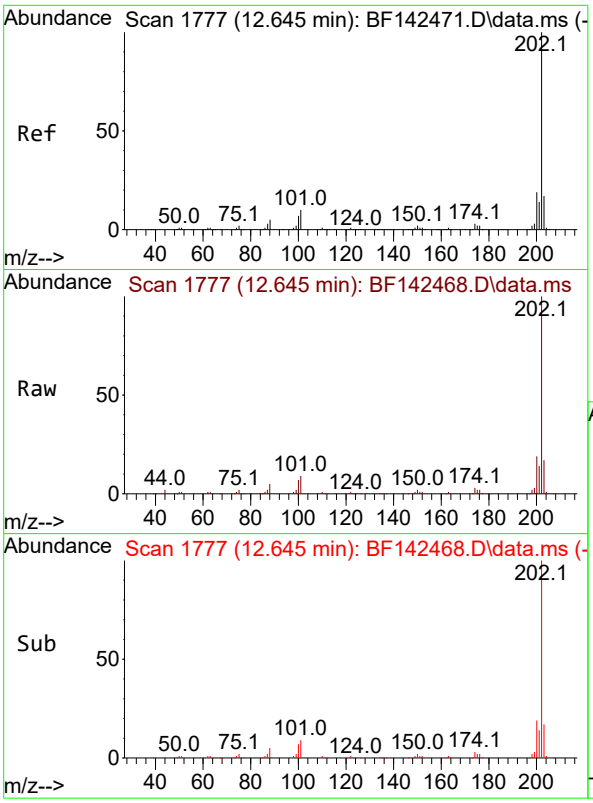


#74
Di-n-butylphthalate
Concen: 5.426 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 96777

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.1	3.6	5.4



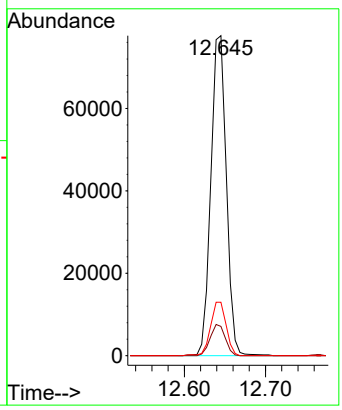


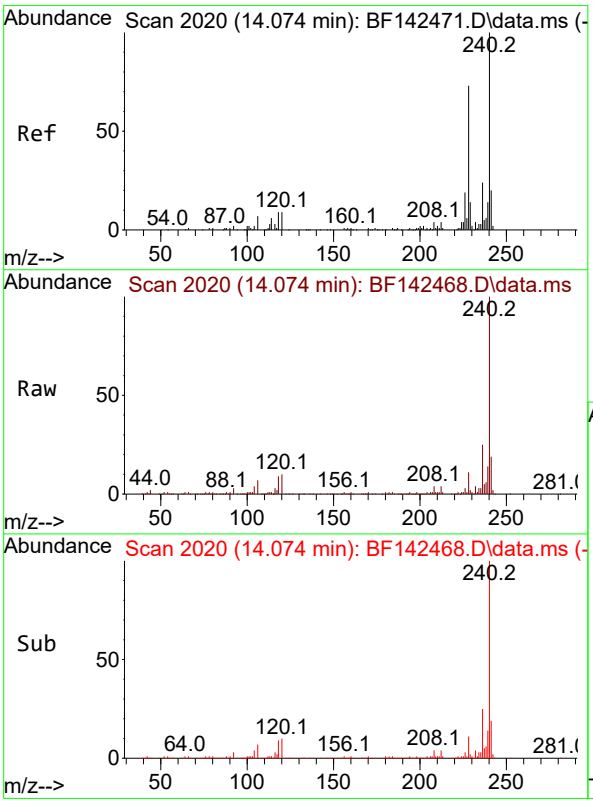
#75
Fluoranthene
Concen: 5.890 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 102797

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.6
203	16.7	0.0	37.2

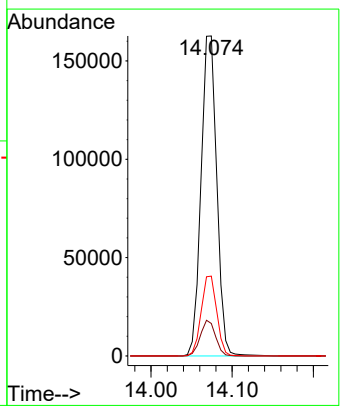


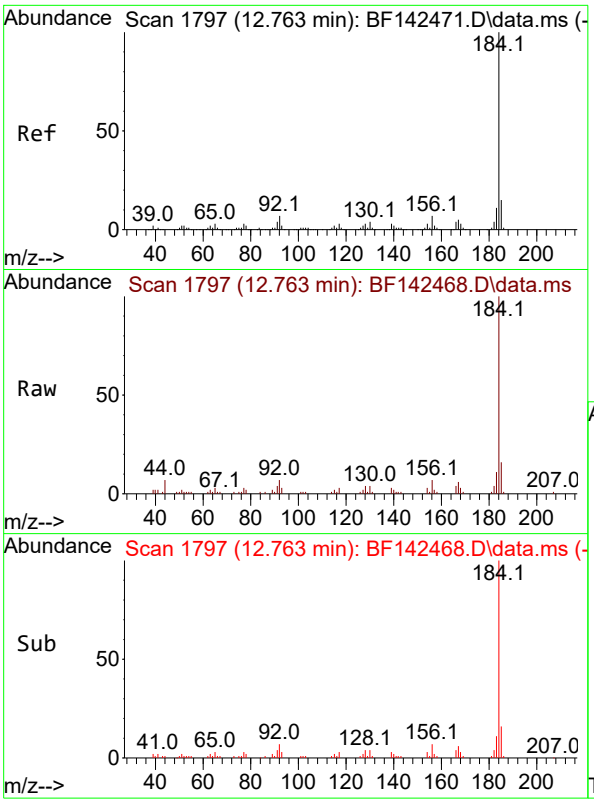


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:240 Resp: 218524

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	25.0	19.6	29.4



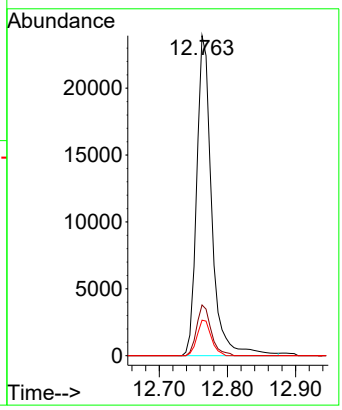


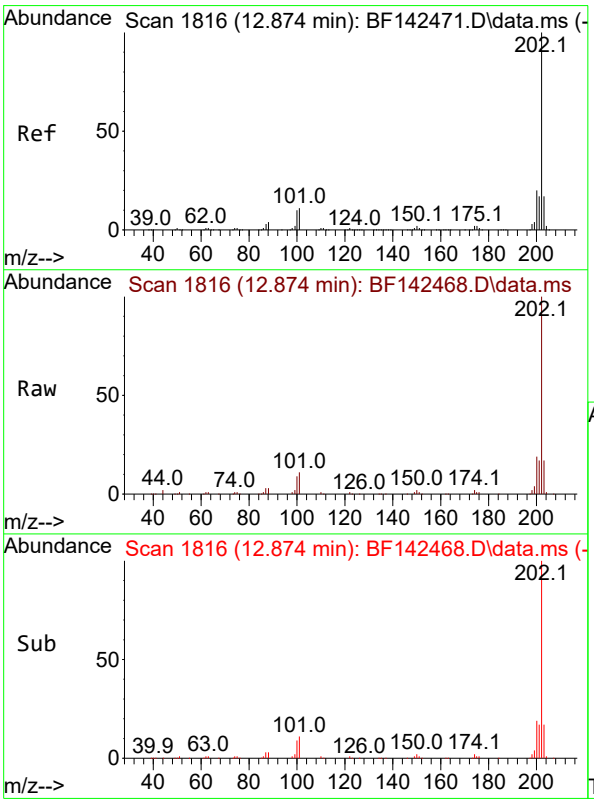
#77
Benzidine
Concen: 4.499 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:184 Resp: 36585

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.6	17.4
183	11.1	9.0	13.4

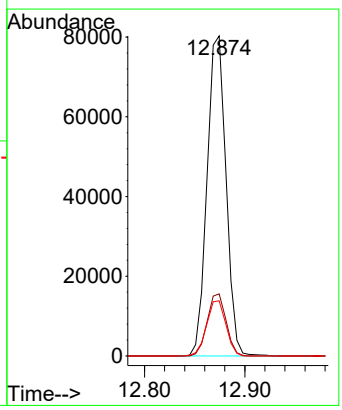


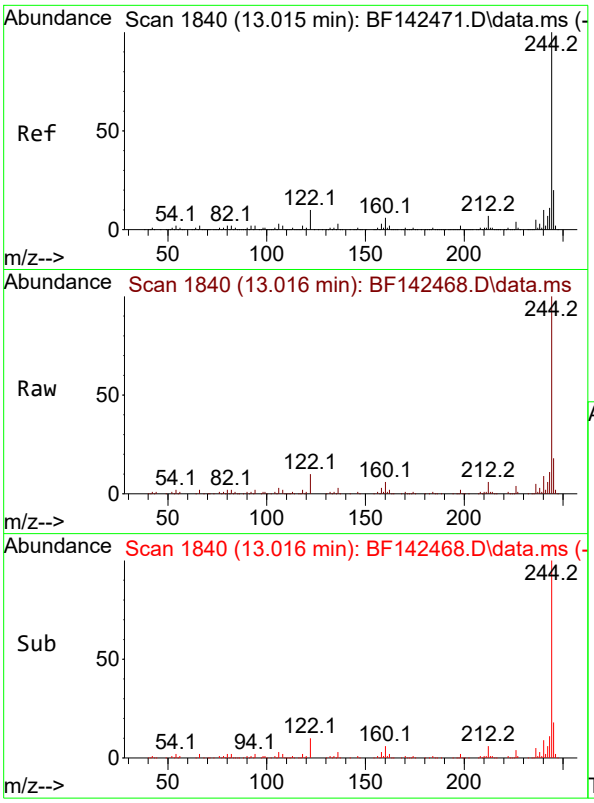


#78
Pyrene
Concen: 5.170 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:202 Resp: 105394

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.1	24.1
203	17.2	13.9	20.9



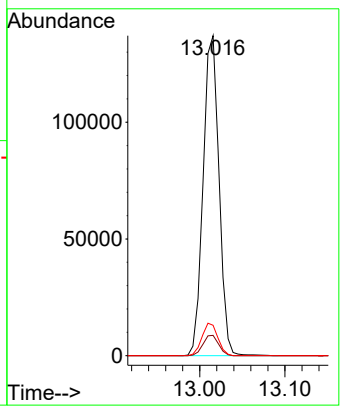


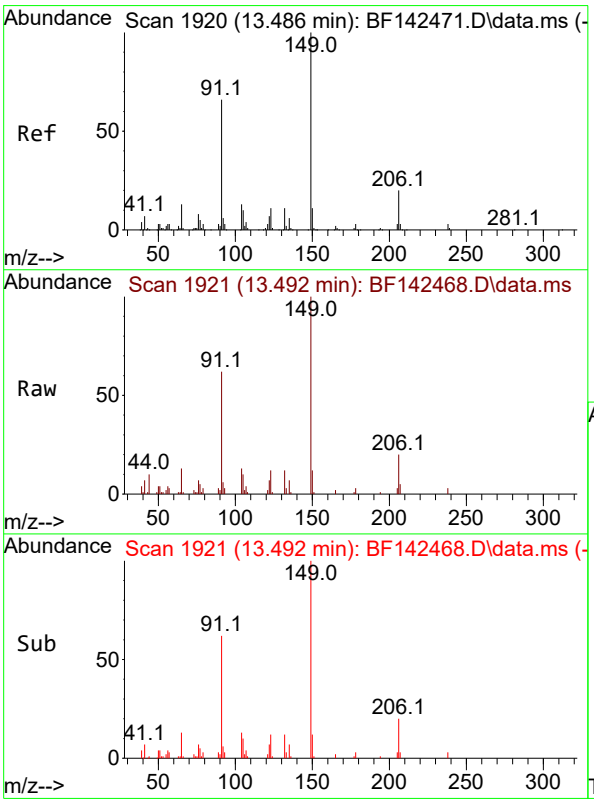
#79
Terphenyl-d14
Concen: 11.096 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:244 Resp: 177430

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.3	7.9
122	9.5	8.2	12.2

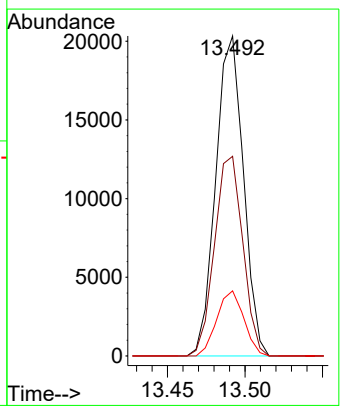


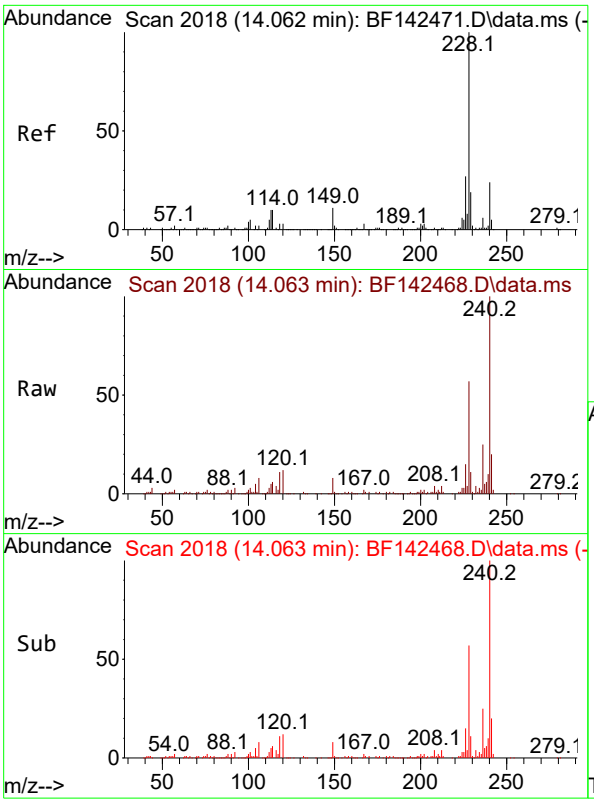


#80
Butylbenzylphthalate
Concen: 4.483 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 25251

Ion	Ratio	Lower	Upper
149	100		
91	62.4	52.9	79.3
206	20.3	16.2	24.2



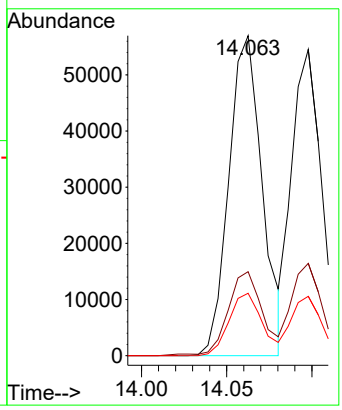


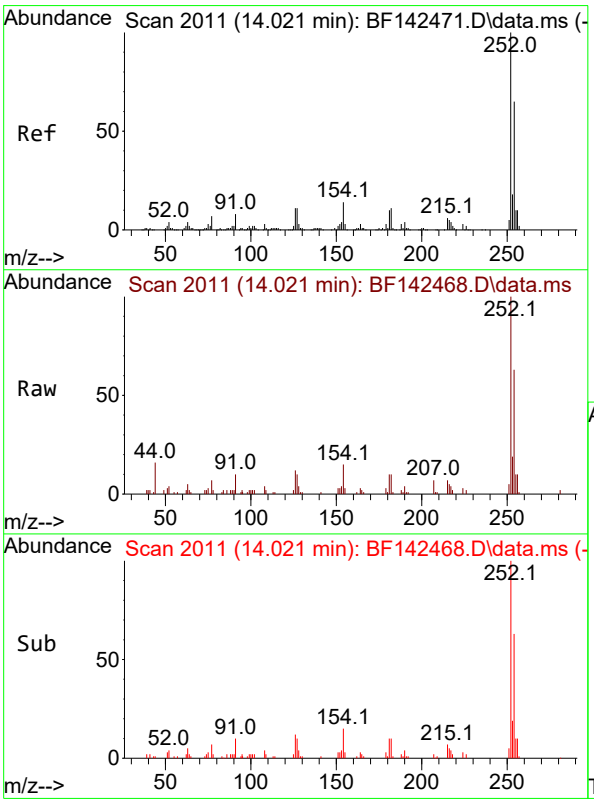
#81
Benzo(a)anthracene
Concen: 5.332 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 77800

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.2	31.8
229	19.5	15.5	23.3

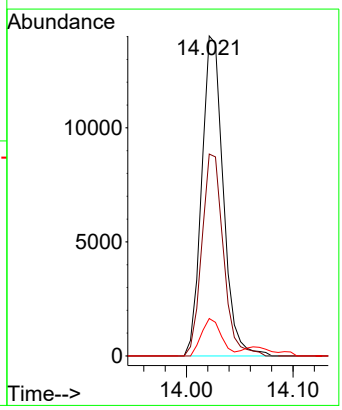


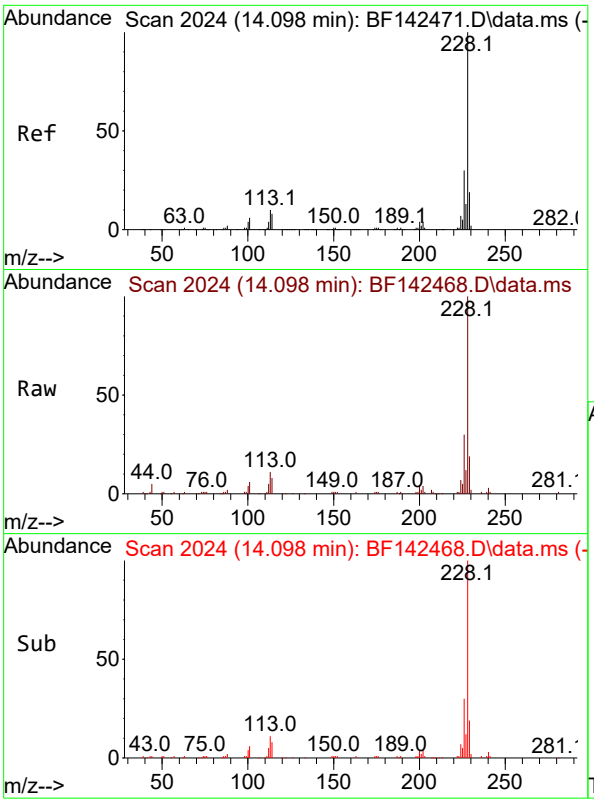


#82
3,3'-Dichlorobenzidine
Concen: 4.445 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 19673

Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	11.7	8.9	13.3



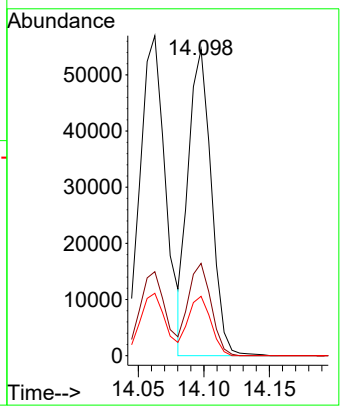


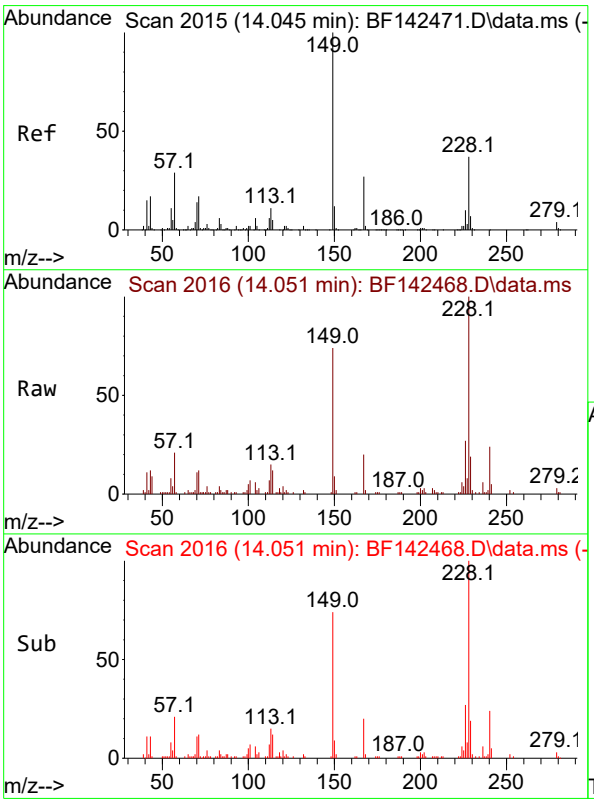
#83
Chrysene
Concen: 5.092 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:228 Resp: 66761

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	19.4	15.4	23.2

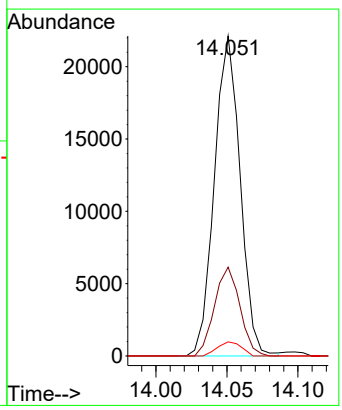


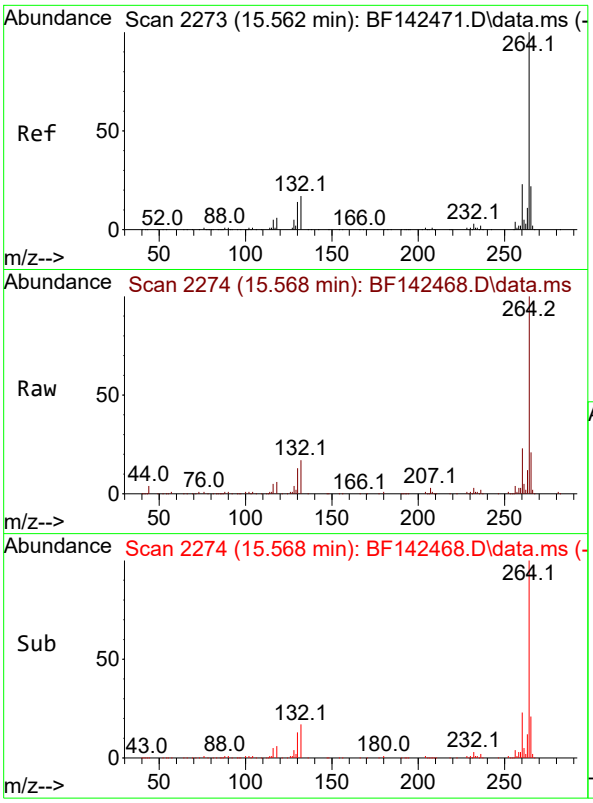


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.864 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:149 Resp: 27864

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.4	3.2	4.8



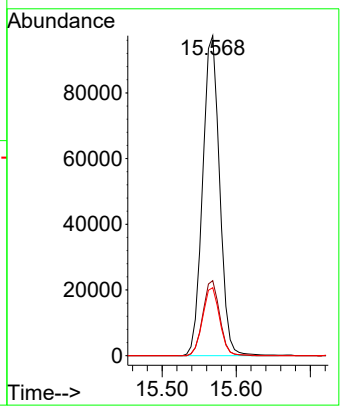


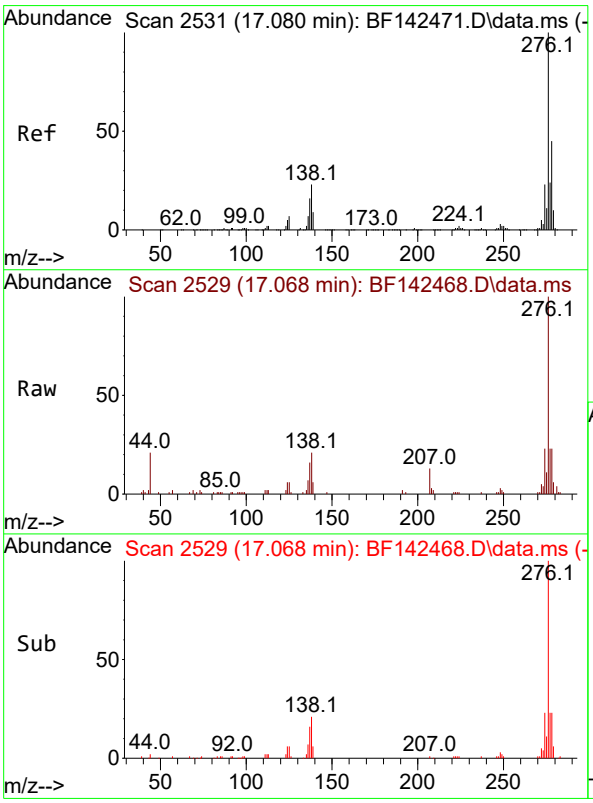
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 154887

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.7	26.5

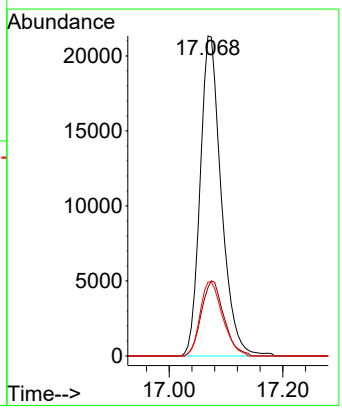


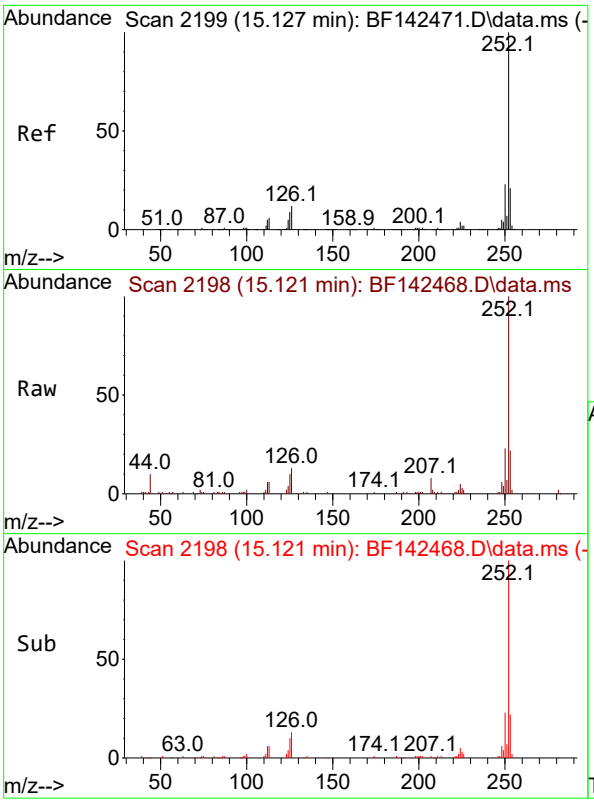


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.733 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:276 Resp: 55034

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	24.8	20.2	30.2



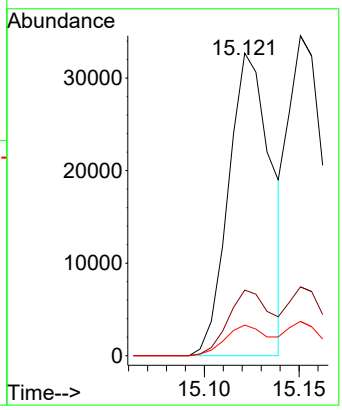


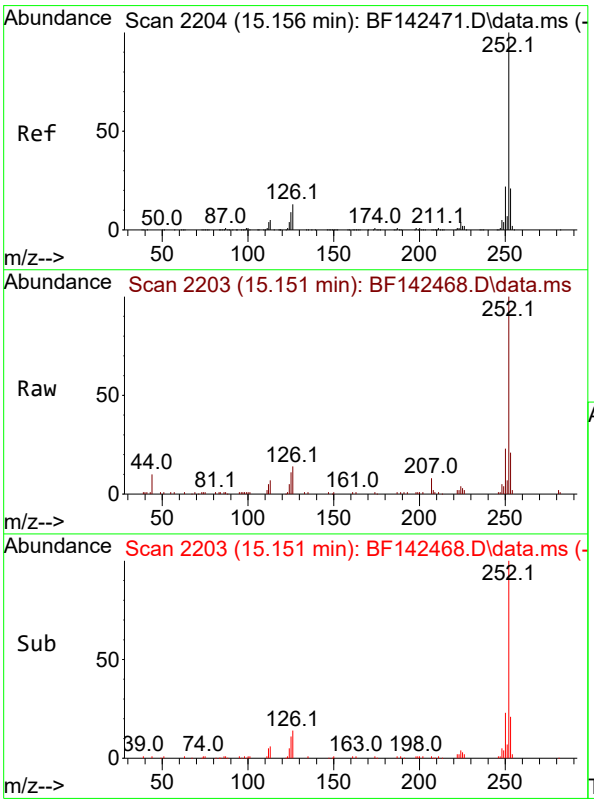
#88
Benzo(b)fluoranthene
Concen: 5.565 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 51014

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	10.1	7.4	11.0

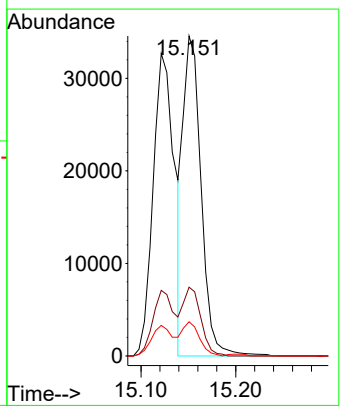


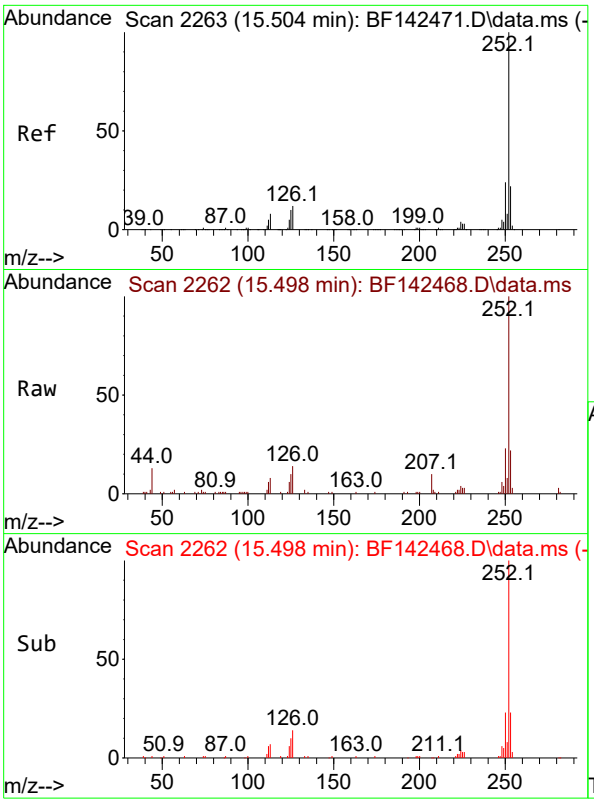


#89
Benzo(k)fluoranthene
Concen: 5.371 ng
RT: 15.151 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:252 Resp: 46114

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	10.7	7.3	10.9



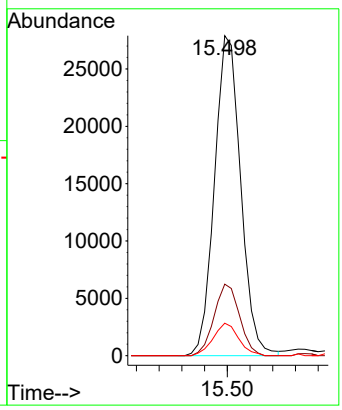


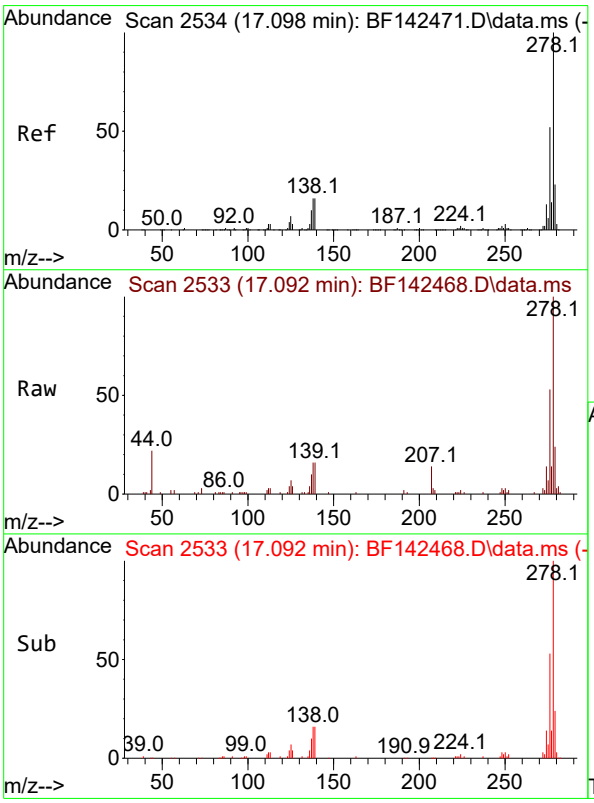
#90
Benzo(a)pyrene
Concen: 5.172 ng
RT: 15.498 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 44694

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.1	7.9	11.9

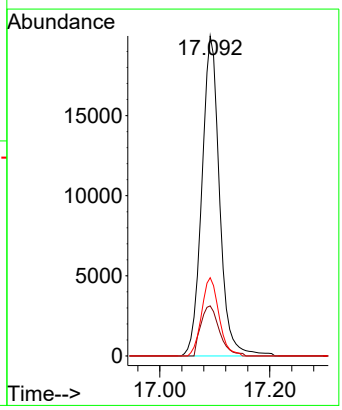


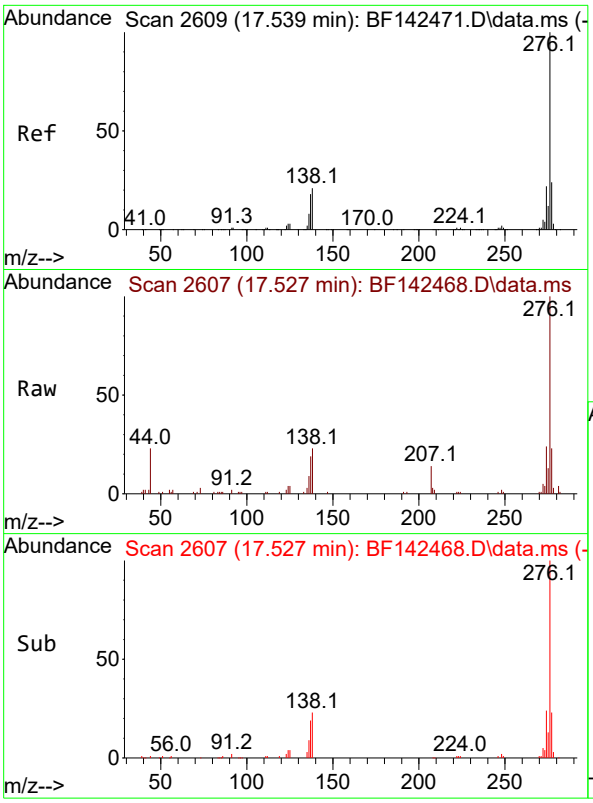


#91
Dibenzo(a,h)anthracene
Concen: 4.731 ng
RT: 17.092 min Scan# 2533
Delta R.T. -0.023 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Tgt Ion:278 Resp: 44618

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.8	19.2
279	24.4	18.6	28.0



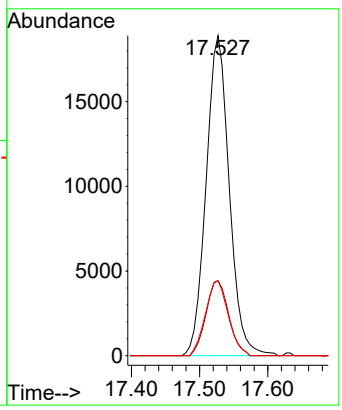


#92
Benzo(g,h,i)perylene
Concen: 4.737 ng
RT: 17.527 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142468.D
Acq: 20 May 2025 12:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 44684

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	93167	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	365488	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	205654	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	357871	20.000	ng		0.00
76) Chrysene-d12	14.069	240	197144	20.000	ng		0.00
86) Perylene-d12	15.563	264	160066	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	113098	20.452	ng		-0.01
7) Phenol-d6	6.516	99	134953	20.273	ng		-0.02
23) Nitrobenzene-d5	7.457	82	133256	19.881	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	46280	20.276	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	332871	21.719	ng		-0.01
79) Terphenyl-d14	13.010	244	311785	21.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	21412	9.676	ng		99
3) Pyridine	3.440	79	53586	9.509	ng		97
4) n-Nitrosodimethylamine	3.369	42	27624	9.441	ng	#	97
6) Aniline	6.557	93	87993	9.831	ng		99
8) 2-Chlorophenol	6.681	128	60216	9.997	ng		100
9) Benzaldehyde	6.446	77	45431	11.347	ng		98
10) Phenol	6.528	94	75527	10.083	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	53797	9.978	ng		99
12) 1,3-Dichlorobenzene	6.840	146	68483	10.189	ng		98
13) 1,4-Dichlorobenzene	6.916	146	68774	10.158	ng		98
14) 1,2-Dichlorobenzene	7.069	146	65441	10.102	ng		99
15) Benzyl Alcohol	7.034	79	47712	9.699	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	92128	10.175	ng		100
17) 2-Methylphenol	7.140	107	46205	9.825	ng		98
18) Hexachloroethane	7.416	117	23425	9.909	ng		98
19) n-Nitroso-di-n-propyla...	7.298	70	40995	9.937	ng		96
20) 3+4-Methylphenols	7.293	107	61444	10.203	ng	#	86
22) Acetophenone	7.304	105	82804	10.234	ng		98
24) Nitrobenzene	7.475	77	59873	9.904	ng		98
25) Isophorone	7.716	82	112365	10.027	ng		98
26) 2-Nitrophenol	7.798	139	31085	9.623	ng		96
27) 2,4-Dimethylphenol	7.828	122	57543	10.102	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	71943	10.277	ng		97
29) 2,4-Dichlorophenol	8.034	162	51500	9.941	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	57228	10.179	ng		97
31) Naphthalene	8.204	128	186515	10.364	ng		100
32) Benzoic acid	7.893	122	27956m	8.062	ng		
33) 4-Chloroaniline	8.251	127	74805	10.258	ng		98
34) Hexachlorobutadiene	8.322	225	35161	10.016	ng		99
35) Caprolactam	8.587	113	13862	9.527	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	52919	9.968	ng		98
37) 2-Methylnaphthalene	8.892	142	116592	10.298	ng		98
38) 1-Methylnaphthalene	8.992	142	122130	10.429	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	59609	10.097	ng		99
41) Hexachlorocyclopentadiene	9.051	237	36016	9.044	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	38354	9.635	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

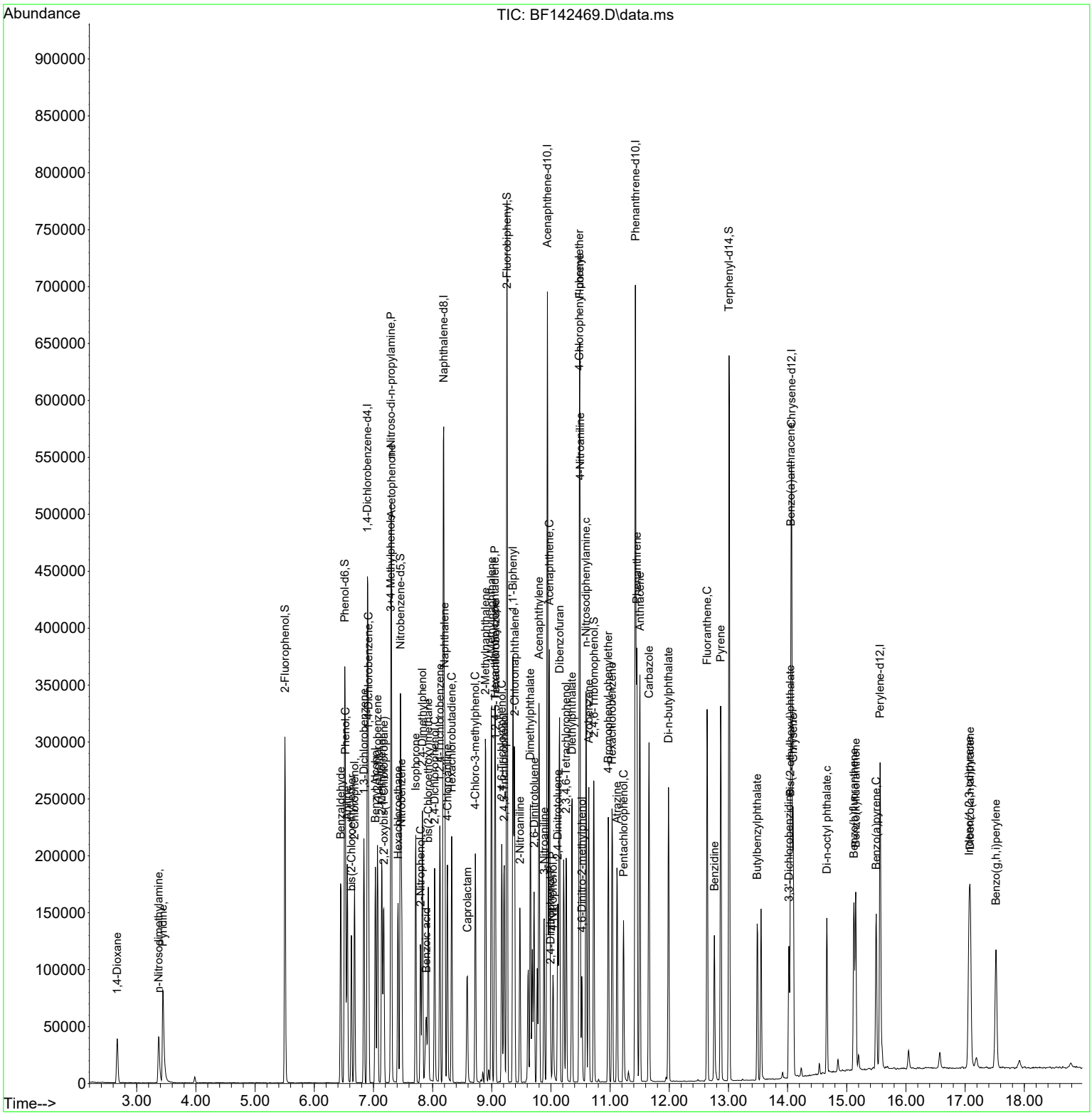
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	42272	10.069	ng		96
46) 1,1'-Biphenyl	9.357	154	165063	10.346	ng		99
47) 2-Chloronaphthalene	9.387	162	120339	10.208	ng		96
48) 2-Nitroaniline	9.475	65	32722	9.604	ng		98
49) Acenaphthylene	9.798	152	203767	10.237	ng		99
50) Dimethylphthalate	9.651	163	137804	10.155	ng		100
51) 2,6-Dinitrotoluene	9.716	165	29112	9.940	ng		98
52) Acenaphthene	9.975	154	125669	10.339	ng		96
53) 3-Nitroaniline	9.887	138	31820	9.947	ng		99
54) 2,4-Dinitrophenol	9.992	184	11352	7.502	ng	#	82
55) Dibenzofuran	10.145	168	181558	10.380	ng		98
56) 4-Nitrophenol	10.034	139	22320	9.456	ng		92
57) 2,4-Dinitrotoluene	10.116	165	37749	9.869	ng		97
58) Fluorene	10.486	166	143883	10.648	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34548	9.857	ng		99
60) Diethylphthalate	10.357	149	134662	10.161	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	69739	10.506	ng		97
62) 4-Nitroaniline	10.492	138	29122	10.038	ng		98
63) Azobenzene	10.639	77	122806	10.317	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	16782	8.403	ng		94
66) n-Nitrosodiphenylamine	10.592	169	121959	9.961	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	42057	9.939	ng		96
68) Hexachlorobenzene	11.034	284	47773	10.207	ng		98
69) Atrazine	11.116	200	31184	9.591	ng		98
70) Pentachlorophenol	11.228	266	24115	9.126	ng		99
71) Phenanthrene	11.451	178	195667	10.231	ng		100
72) Anthracene	11.504	178	202509	10.375	ng		99
73) Carbazole	11.657	167	173217	10.381	ng		100
74) Di-n-butylphthalate	11.986	149	185880	10.177	ng		100
75) Fluoranthene	12.639	202	193456	10.825	ng		99
77) Benzidine	12.763	184	77091	10.508	ng		99
78) Pyrene	12.869	202	193842	10.540	ng		100
80) Butylbenzylphthalate	13.486	149	44682	8.793	ng		97
81) Benzo(a)anthracene	14.057	228	126886	9.639	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	35845	8.977	ng		99
83) Chrysene	14.092	228	118674	10.032	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	54056	8.310	ng		98
85) Di-n-octyl phthalate	14.663	149	94445	7.425	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	119642	9.956	ng		99
88) Benzo(b)fluoranthene	15.121	252	88432	9.335	ng		98
89) Benzo(k)fluoranthene	15.151	252	93315	10.517	ng		99
90) Benzo(a)pyrene	15.498	252	86477	9.684	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	98308	10.087	ng		98
92) Benzo(g,h,i)perylene	17.521	276	97640	10.016	ng		99

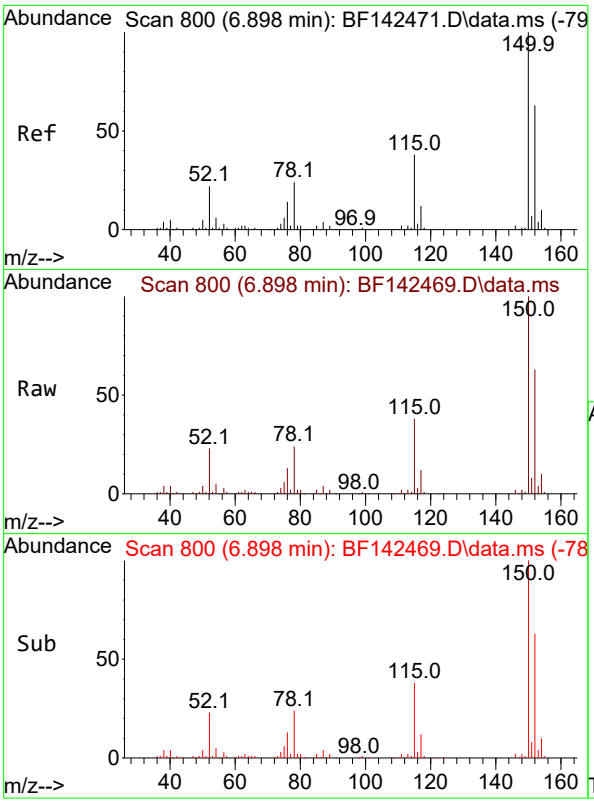
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142469.D
Acq On : 20 May 2025 13:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: May 20 16:55:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



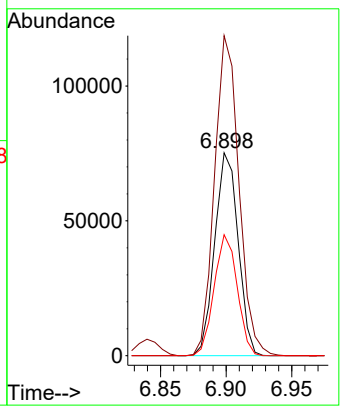


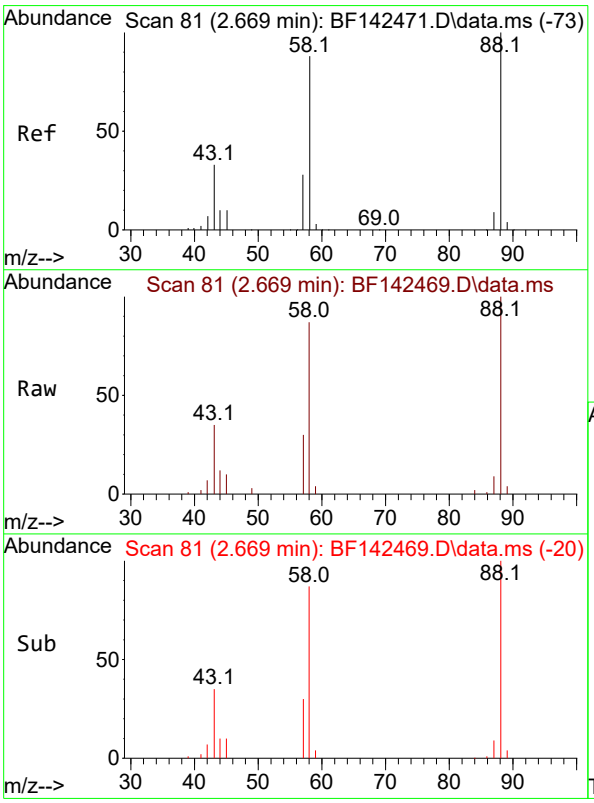
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 93167

Ion	Ratio	Lower	Upper
152	100		
150	157.7	128.2	192.4
115	59.6	48.3	72.5

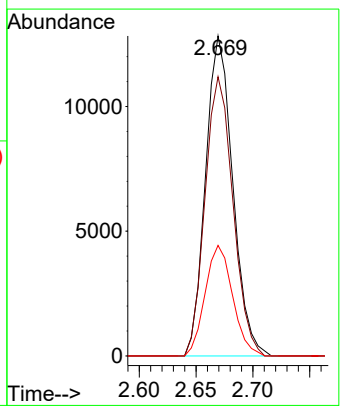


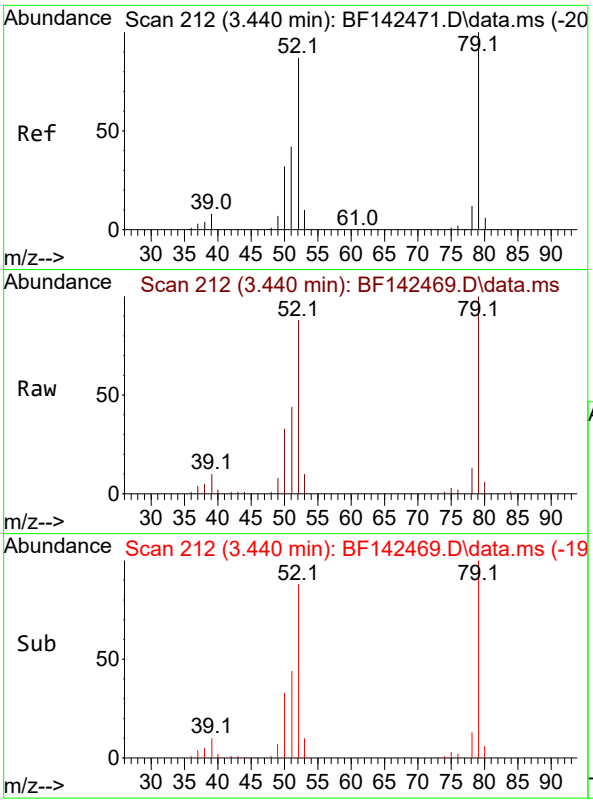


#2
1,4-Dioxane
Concen: 9.676 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 88 Resp: 21412

Ion	Ratio	Lower	Upper
88	100		
58	89.3	70.8	106.2
43	34.8	26.6	40.0



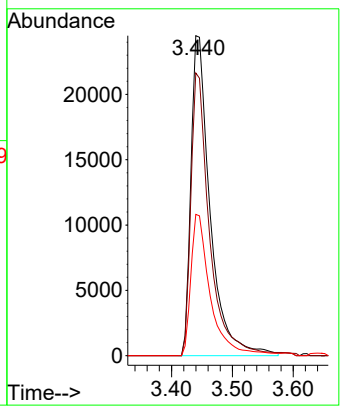


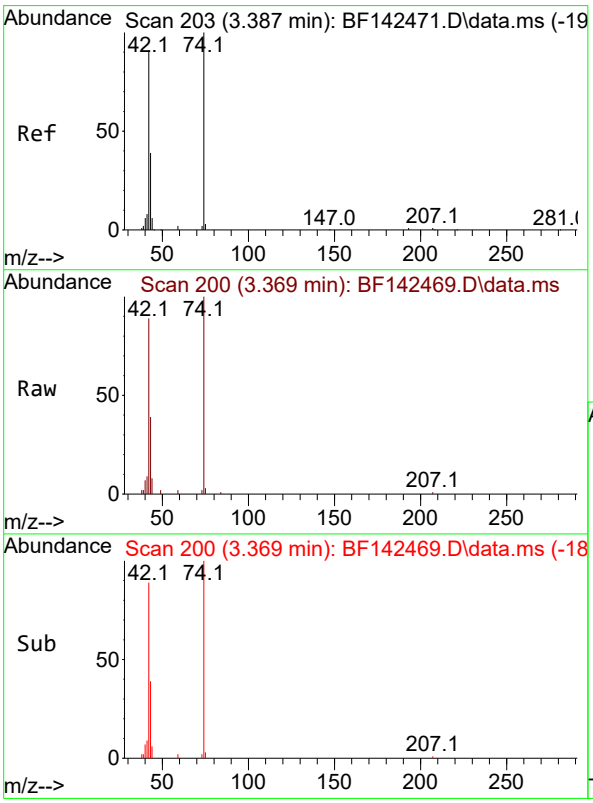
#3
Pyridine
Concen: 9.509 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 53586

Ion	Ratio	Lower	Upper
79	100		
52	88.4	69.2	103.8
51	44.2	33.3	49.9

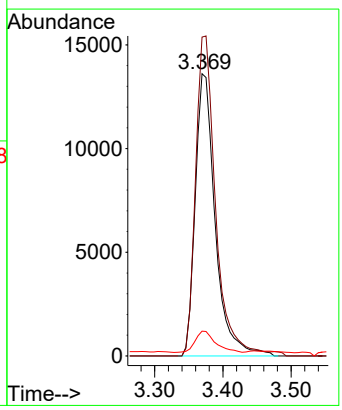


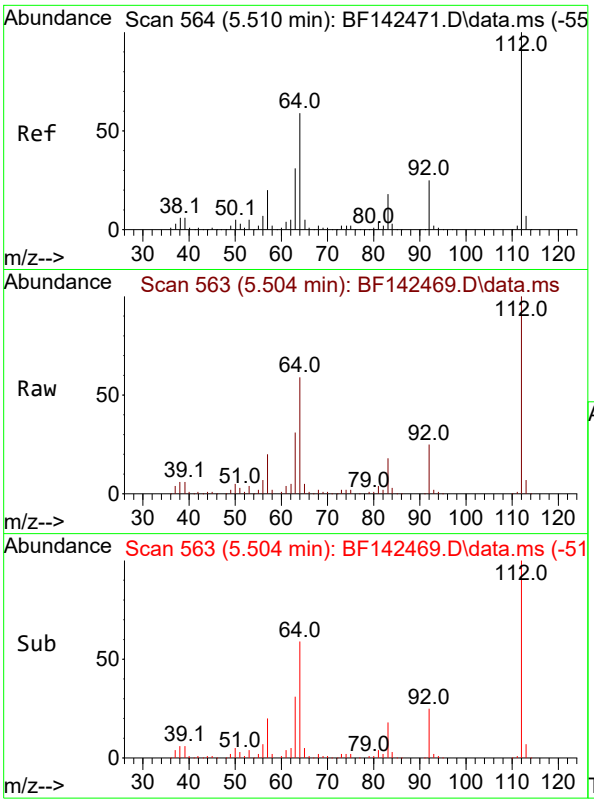


#4
n-Nitrosodimethylamine
Concen: 9.441 ng
RT: 3.369 min Scan# 200
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 42 Resp: 27624

Ion	Ratio	Lower	Upper
42	100		
74	113.0	88.2	132.4
44	8.8	5.4	8.2#



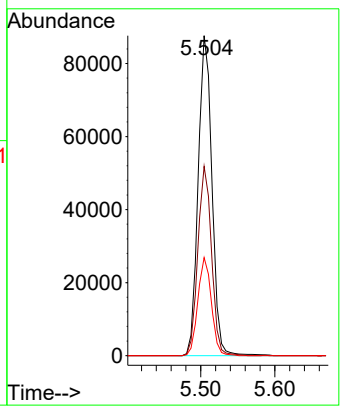


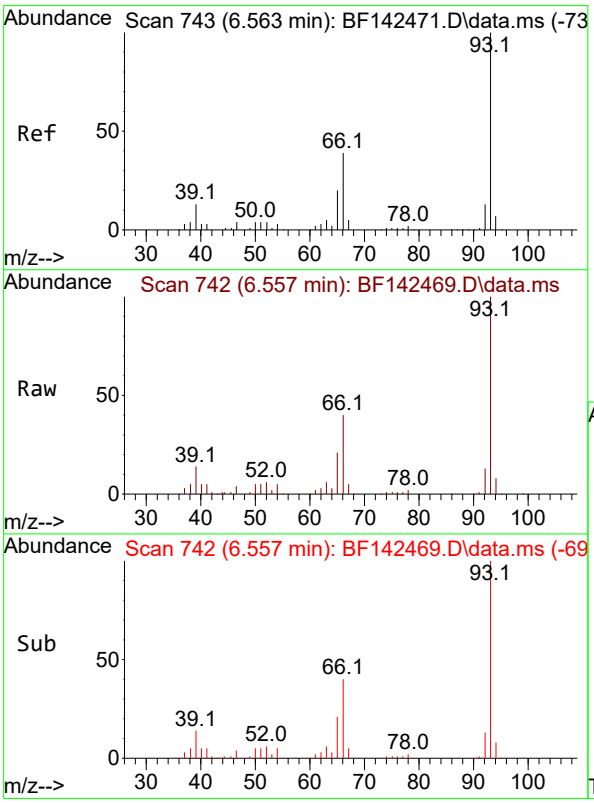
#5
2-Fluorophenol
Concen: 20.452 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 113098

Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.5	71.3
63	30.7	24.9	37.3

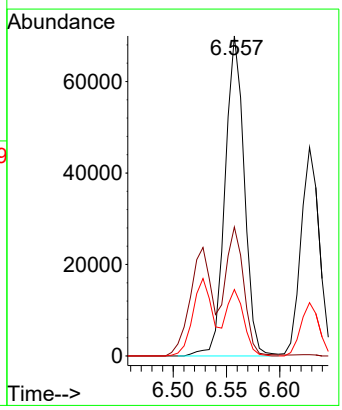


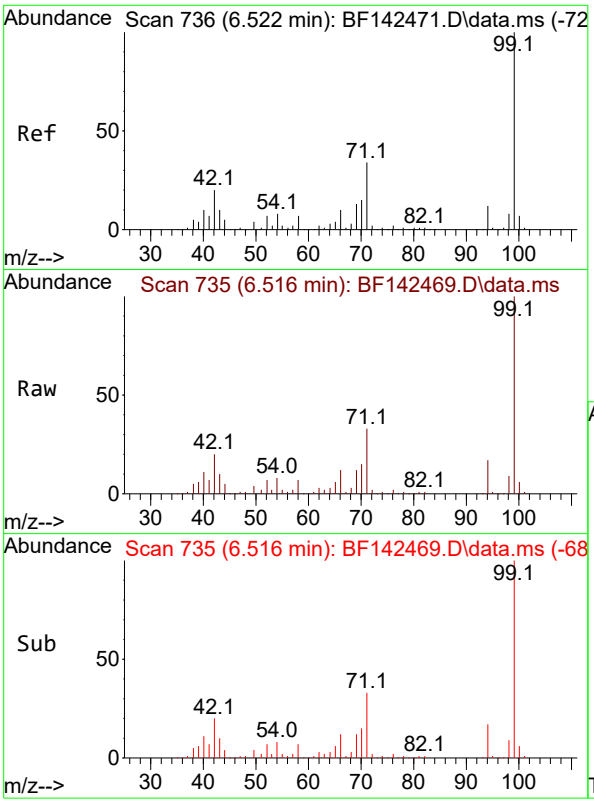


#6
Aniline
Concen: 9.831 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 87993

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.0	48.0
65	20.8	16.1	24.1



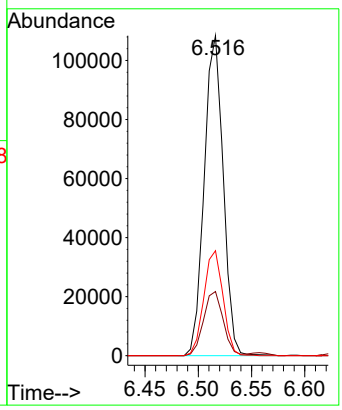


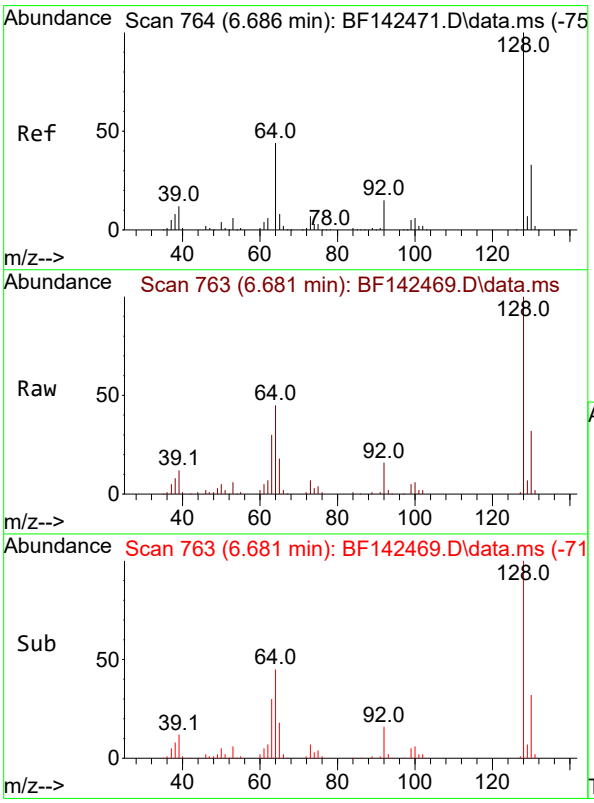
#7
Phenol-d6
Concen: 20.273 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 134953

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	32.8	27.3	40.9

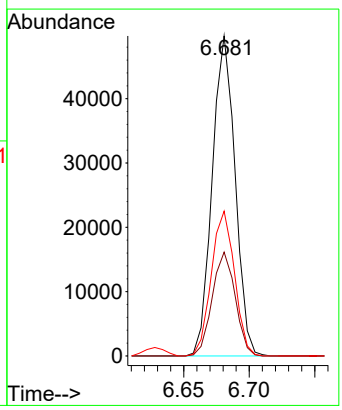


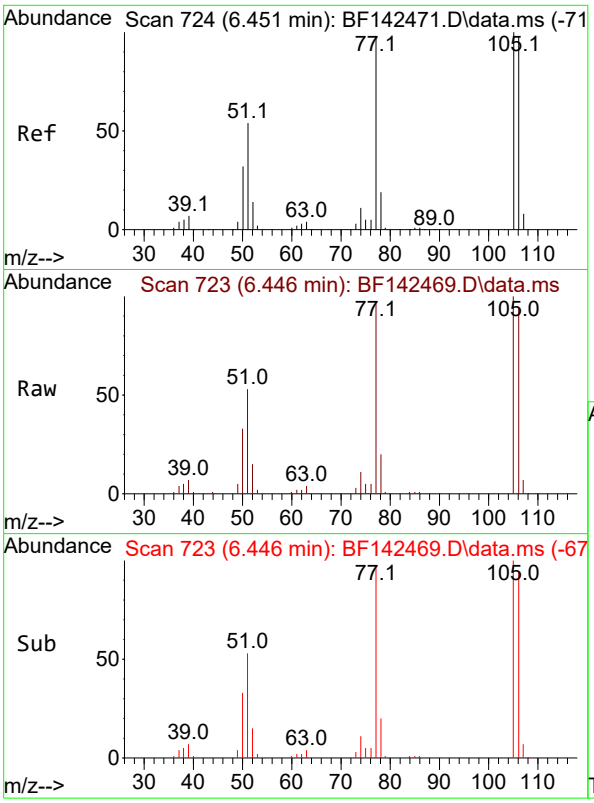


#8
2-Chlorophenol
Concen: 9.997 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:128 Resp: 60216

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	45.3	25.1	65.1



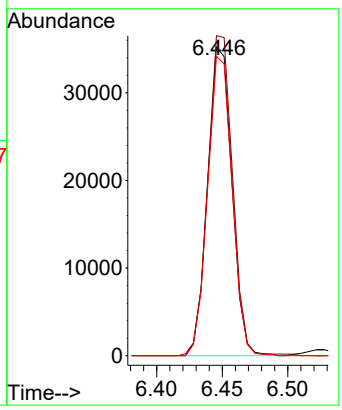


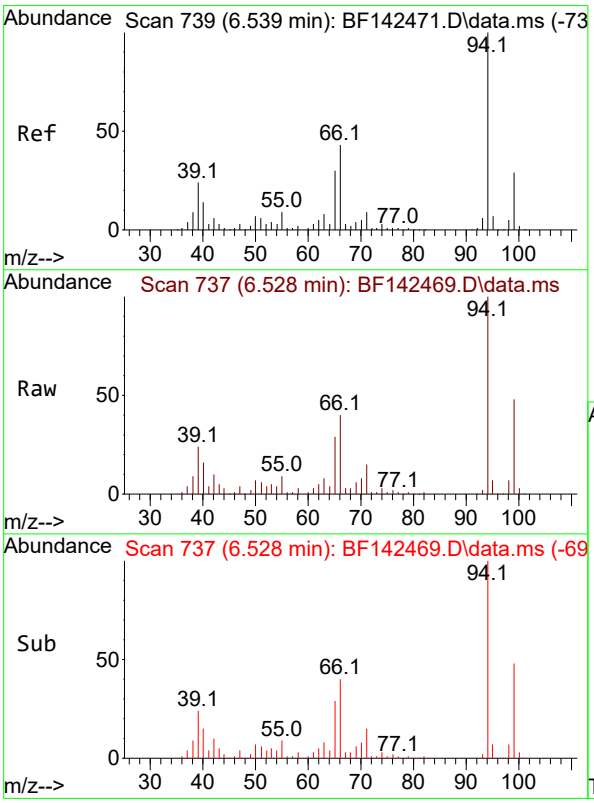
#9
Benzaldehyde
Concen: 11.347 ng
RT: 6.446 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 45431

Ion	Ratio	Lower	Upper
77	100		
105	103.6	82.5	122.5
106	97.0	80.0	120.0

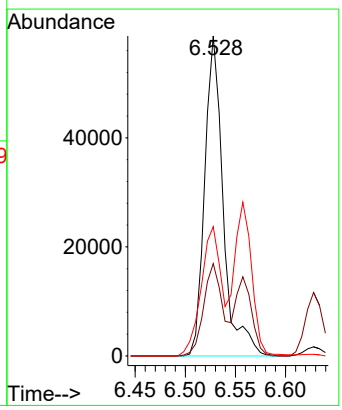


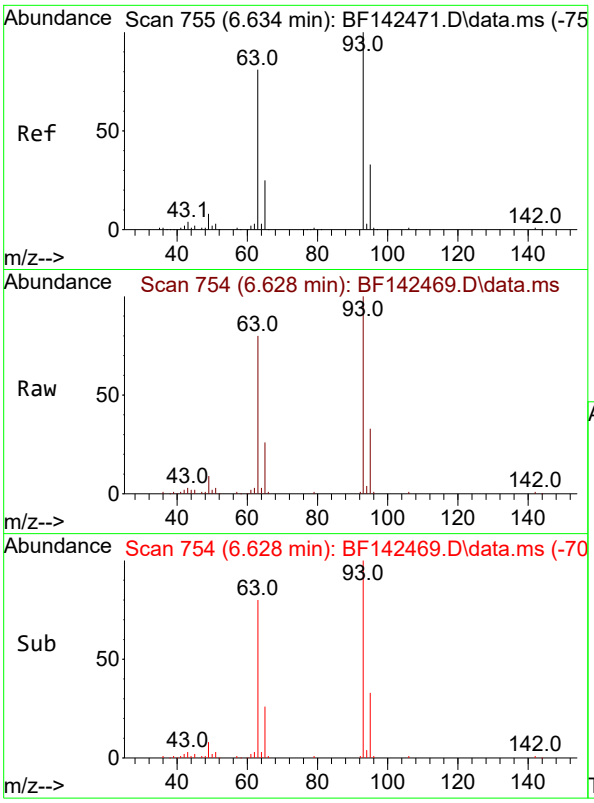


#10
Phenol
Concen: 10.083 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 94 Resp: 75527

Ion	Ratio	Lower	Upper
94	100		
65	28.8	10.3	50.3
66	40.4	22.6	62.6



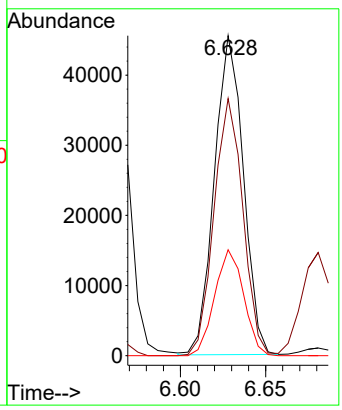


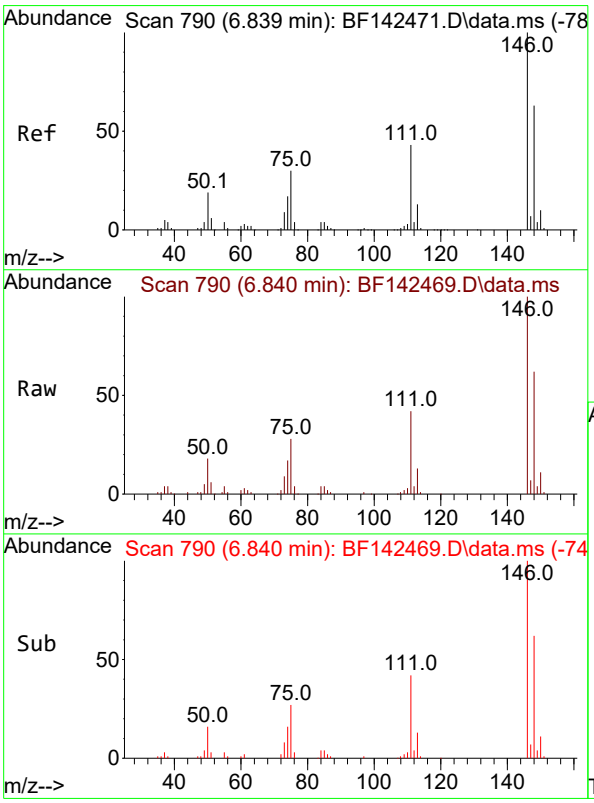
#11
bis(2-Chloroethyl)ether
Concen: 9.978 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 53797

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.2	100.2
95	33.1	12.3	52.3

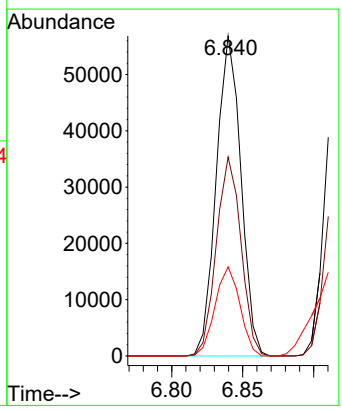


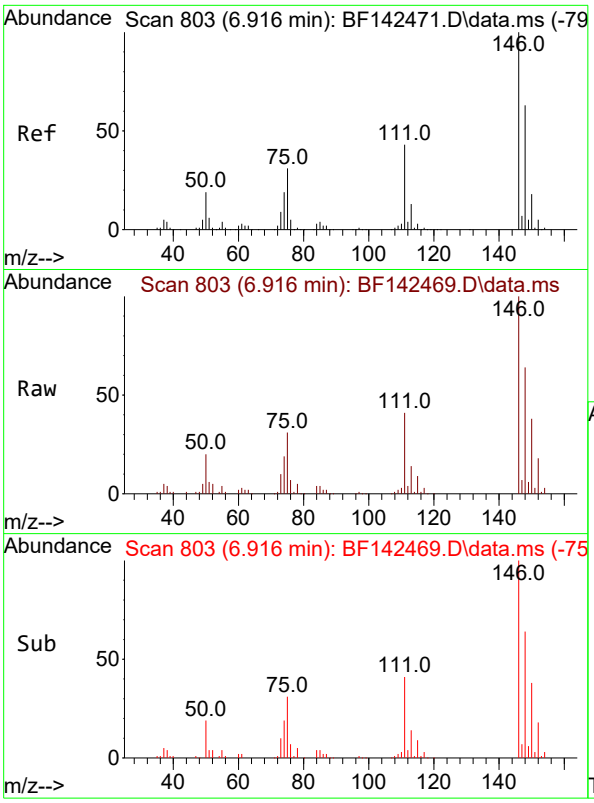


#12
1,3-Dichlorobenzene
Concen: 10.189 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:146 Resp: 68483

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	75.8
75	27.9	23.8	35.6



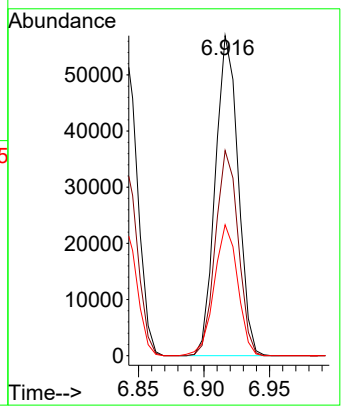


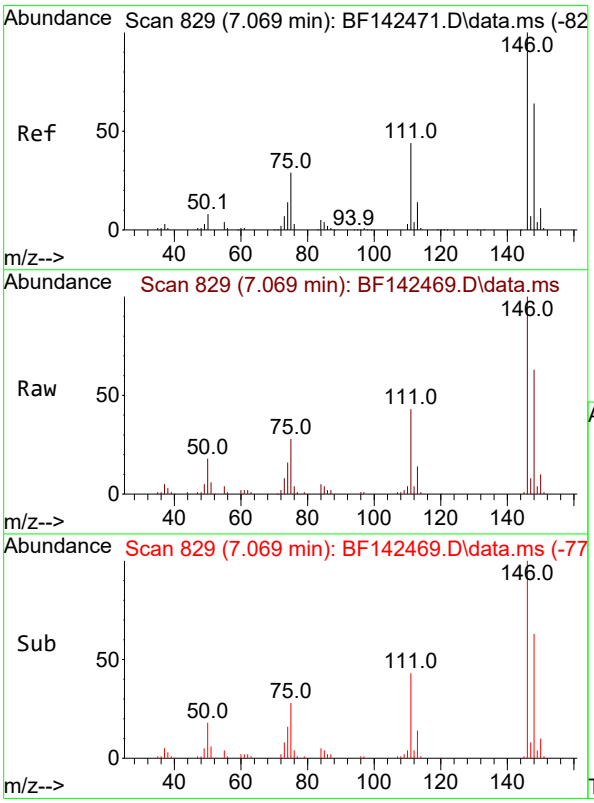
#13
1,4-Dichlorobenzene
Concen: 10.158 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 68774

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	40.9	34.1	51.1

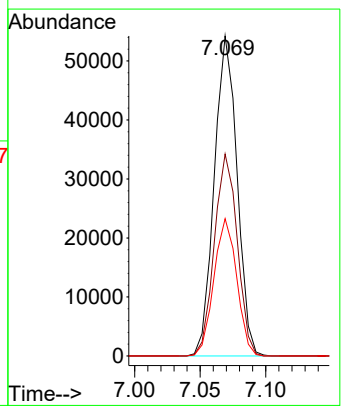


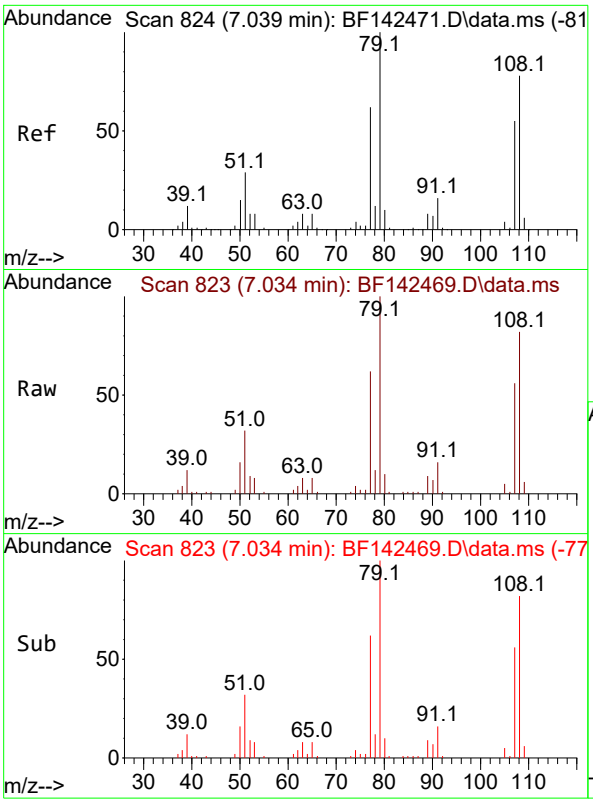


#14
1,2-Dichlorobenzene
Concen: 10.102 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:146 Resp: 65441

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	42.9	35.0	52.6



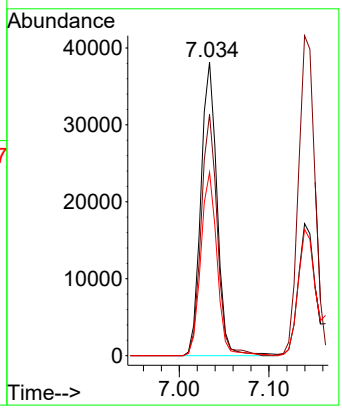


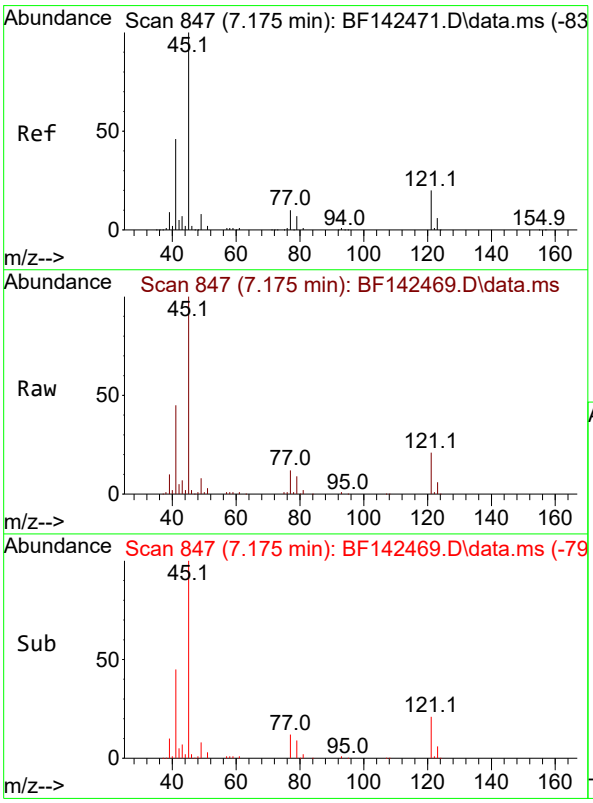
#15
Benzyl Alcohol
Concen: 9.699 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 47712

Ion	Ratio	Lower	Upper
79	100		
108	82.2	62.1	93.1
77	62.4	49.5	74.3

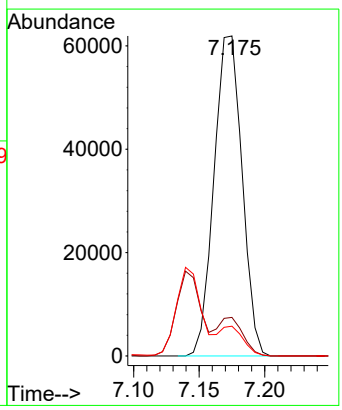


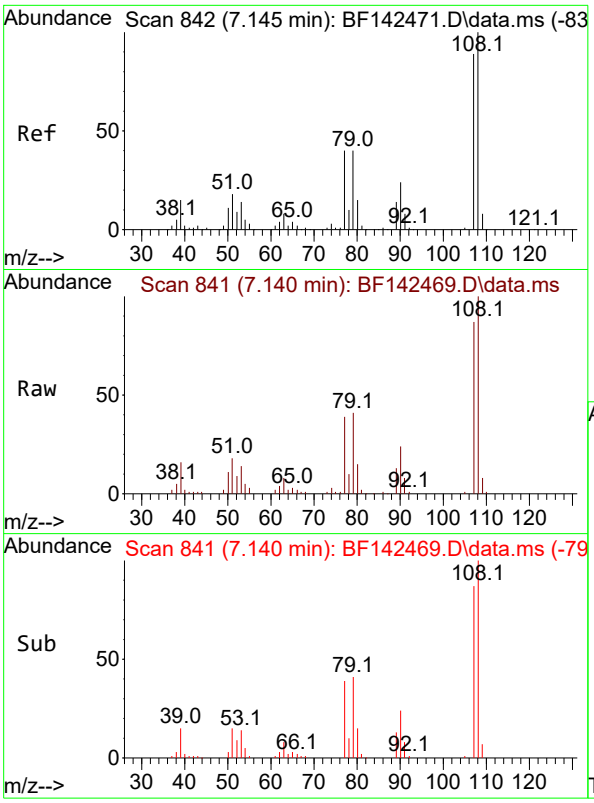


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.175 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 45 Resp: 92128

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.3	0.0	29.2



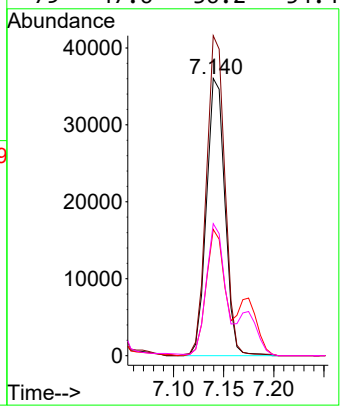


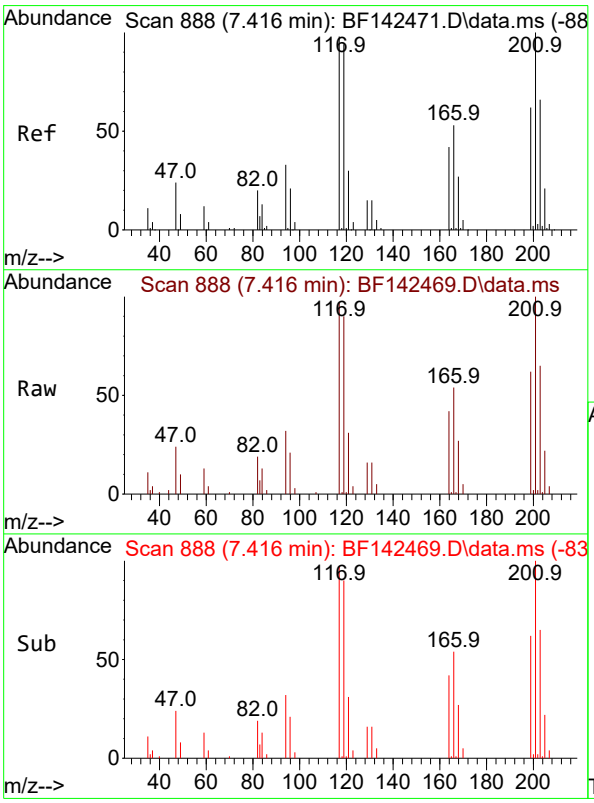
#17
2-Methylphenol
Concen: 9.825 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 46205

Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.2	135.2
77	45.6	36.1	54.1
79	47.6	36.2	54.4

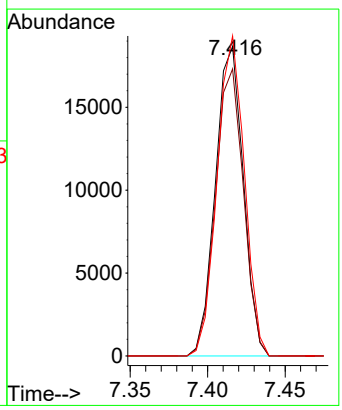


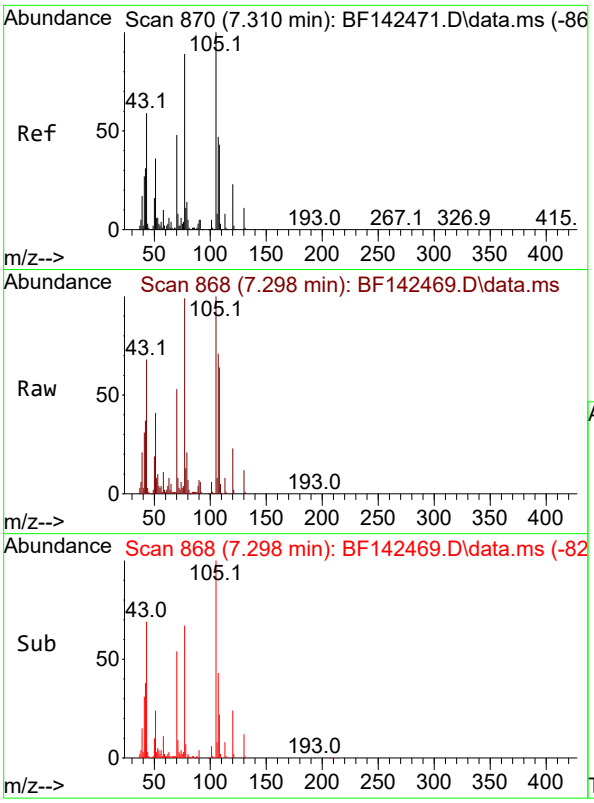


#18
Hexachloroethane
Concen: 9.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:117 Resp: 23425

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	114.8
201	103.3	81.3	121.9



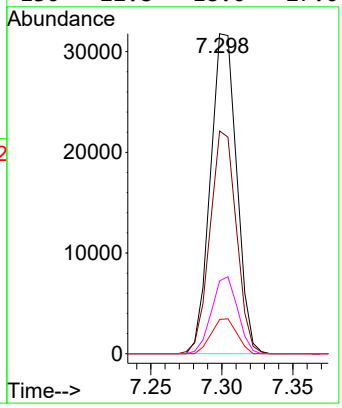


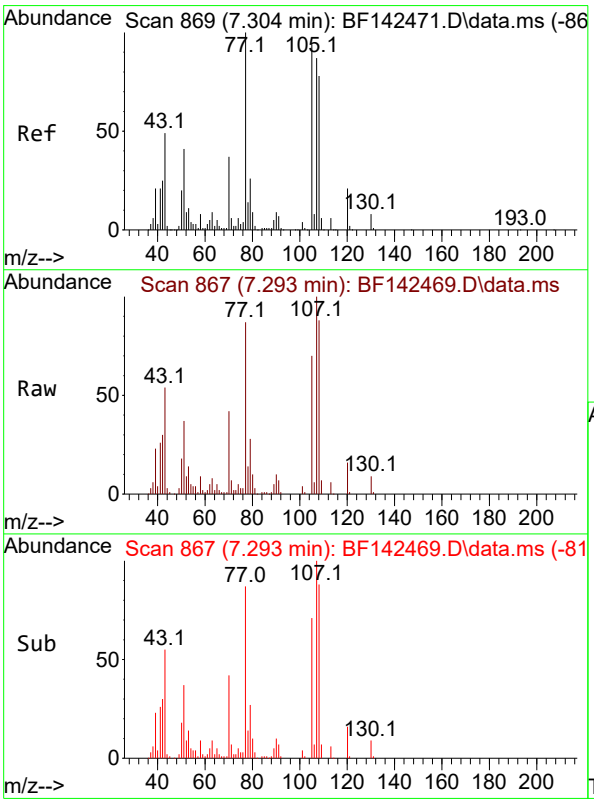
#19
n-Nitroso-di-n-propylamine
Concen: 9.937 ng
RT: 7.298 min Scan# 8
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 40995

Ion	Ratio	Lower	Upper
70	100		
42	69.6	52.4	78.6
101	10.7	7.8	11.8
130	22.8	18.0	27.0

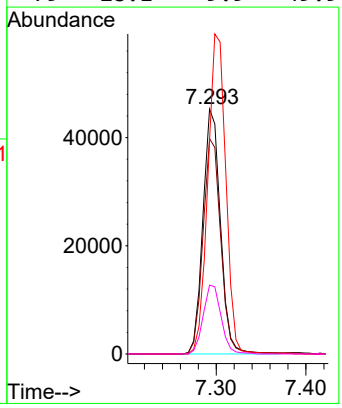


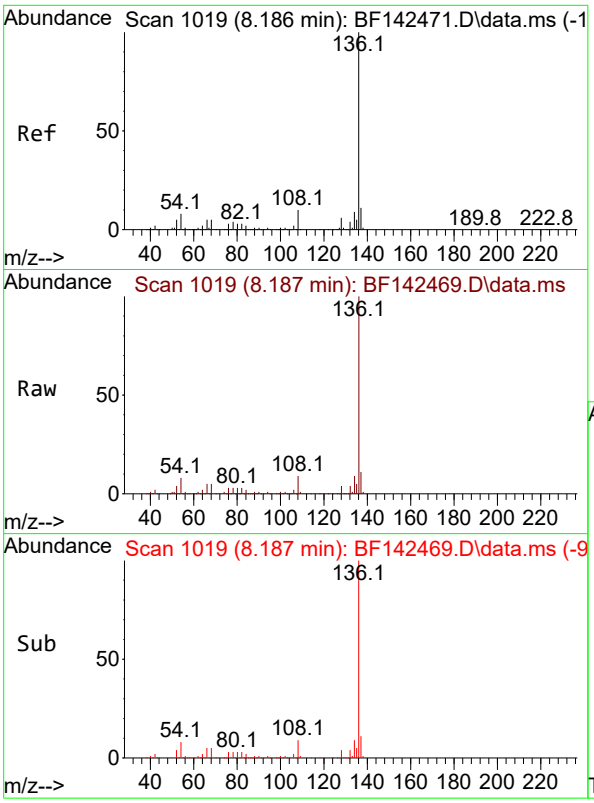


#20
3+4-Methylphenols
Concen: 10.203 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:107 Resp: 61444

Ion	Ratio	Lower	Upper
107	100		
108	87.9	70.4	110.4
77	87.2	95.4	135.4#
79	28.1	9.9	49.9



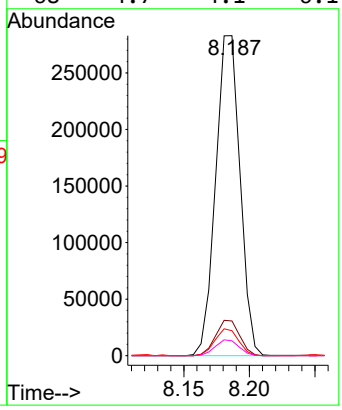


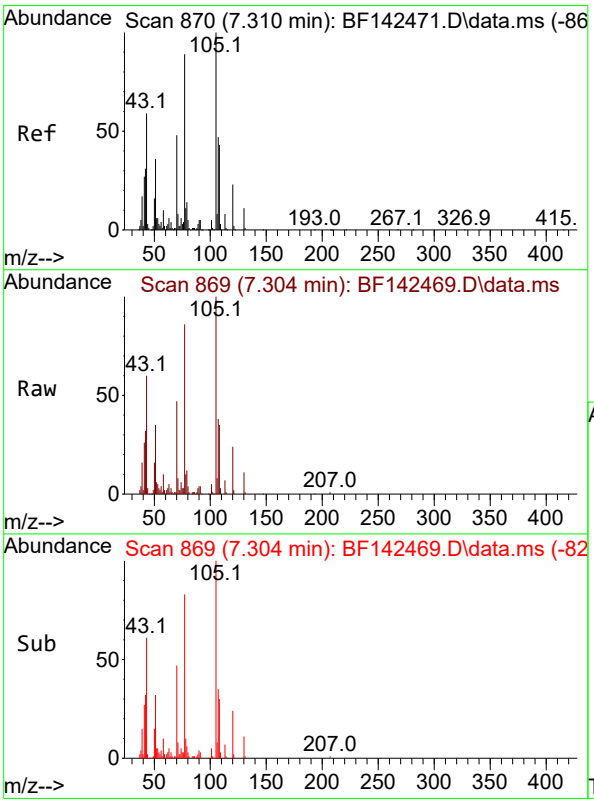
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 365488

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.8	6.6	10.0
68	4.7	4.1	6.1

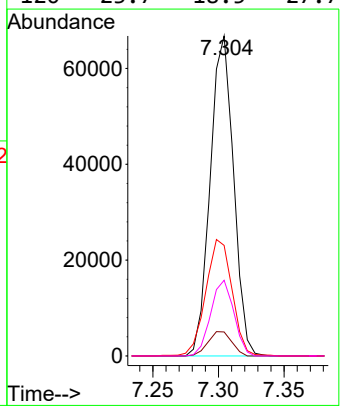


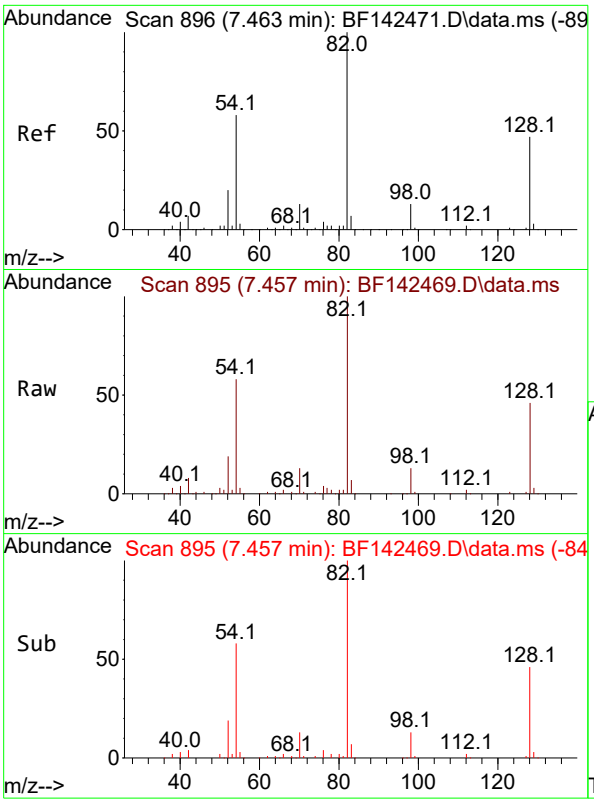


#22
Acetophenone
Concen: 10.234 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:105 Resp: 82804

Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.4	9.6
51	34.5	28.6	42.8
120	23.7	18.5	27.7



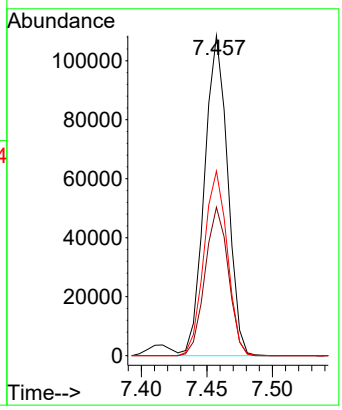


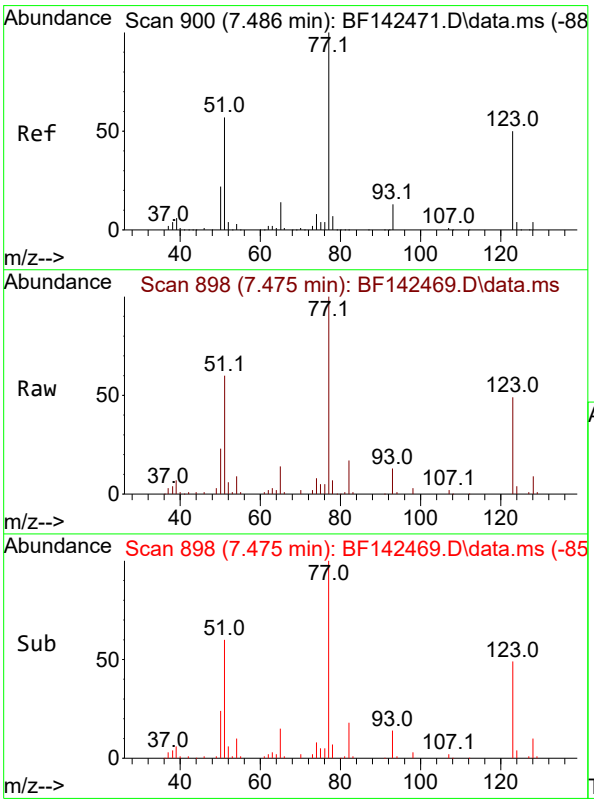
#23
Nitrobenzene-d5
Concen: 19.881 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 133256

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.4	56.2
54	57.7	46.6	70.0

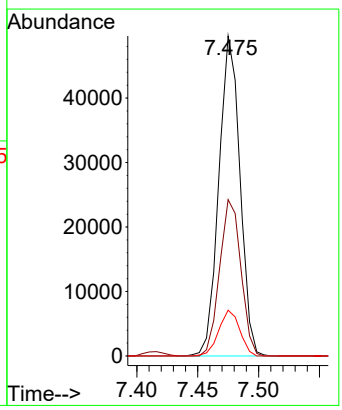


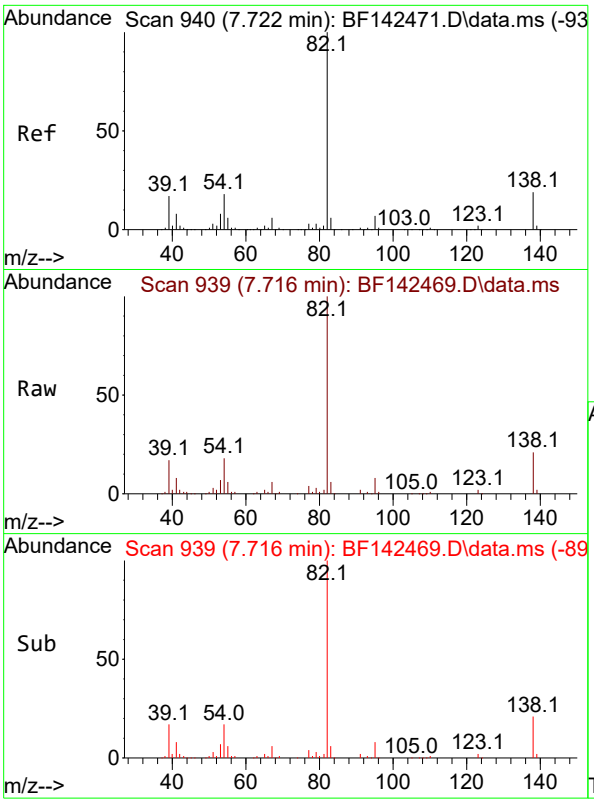


#24
Nitrobenzene
Concen: 9.904 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 77 Resp: 59873

Ion	Ratio	Lower	Upper
77	100		
123	48.8	40.6	61.0
65	14.3	11.4	17.2



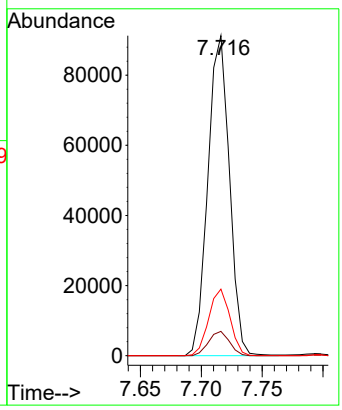


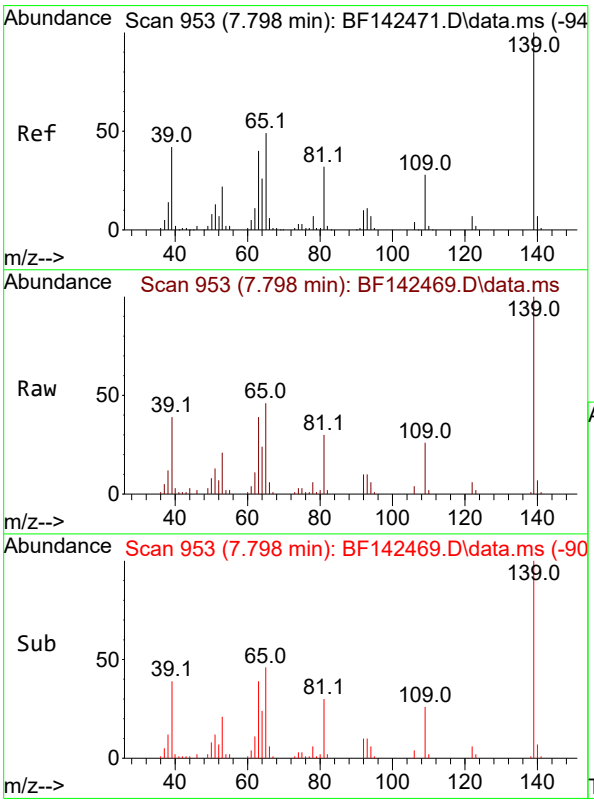
#25
Isophorone
Concen: 10.027 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 112365

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.8	15.5	23.3

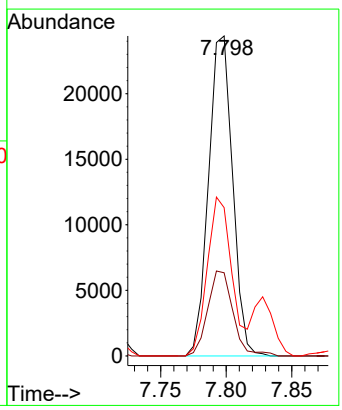


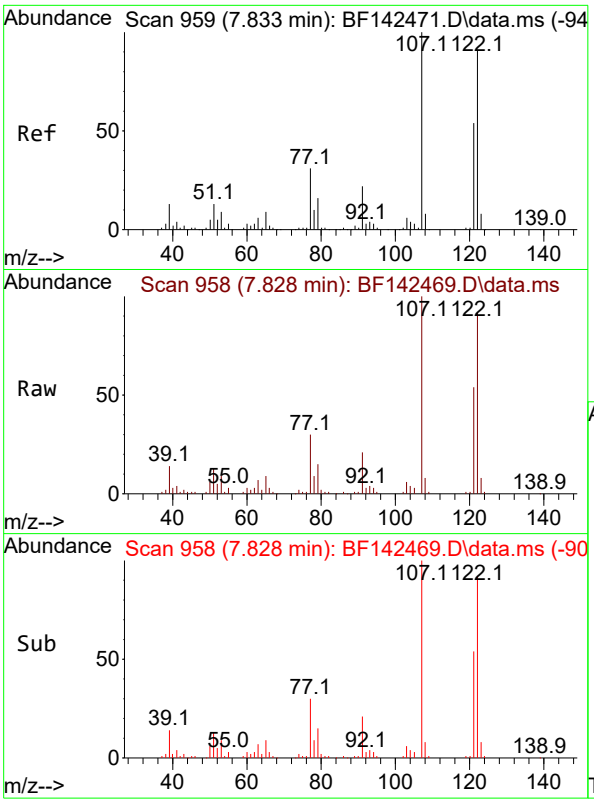


#26
2-Nitrophenol
Concen: 9.623 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:139 Resp: 31085

Ion	Ratio	Lower	Upper
139	100		
109	26.0	22.6	33.8
65	46.4	39.4	59.0



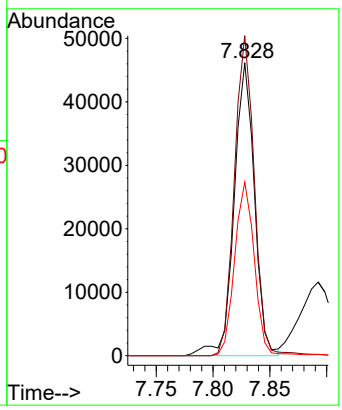


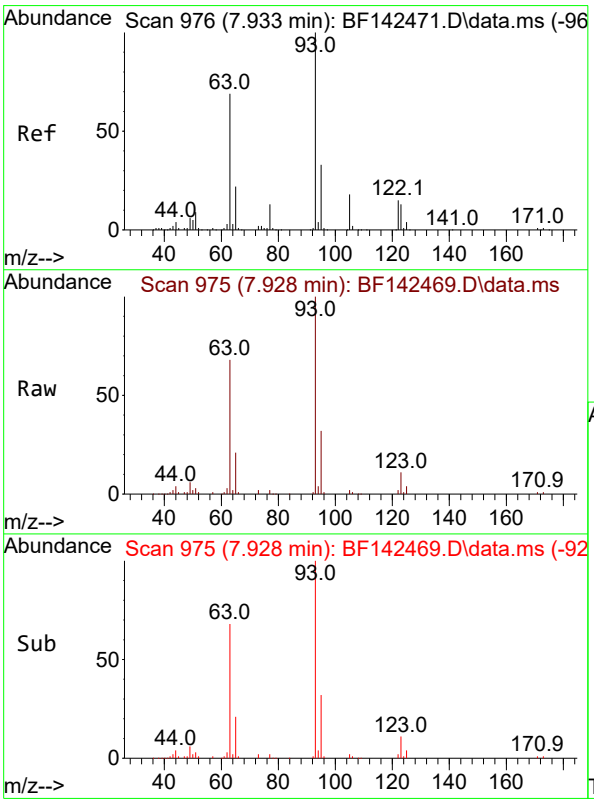
#27
2,4-Dimethylphenol
Concen: 10.102 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 57543

Ion	Ratio	Lower	Upper
122	100		
107	109.2	88.1	132.1
121	59.3	47.3	70.9

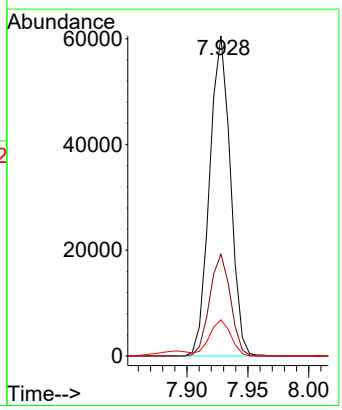


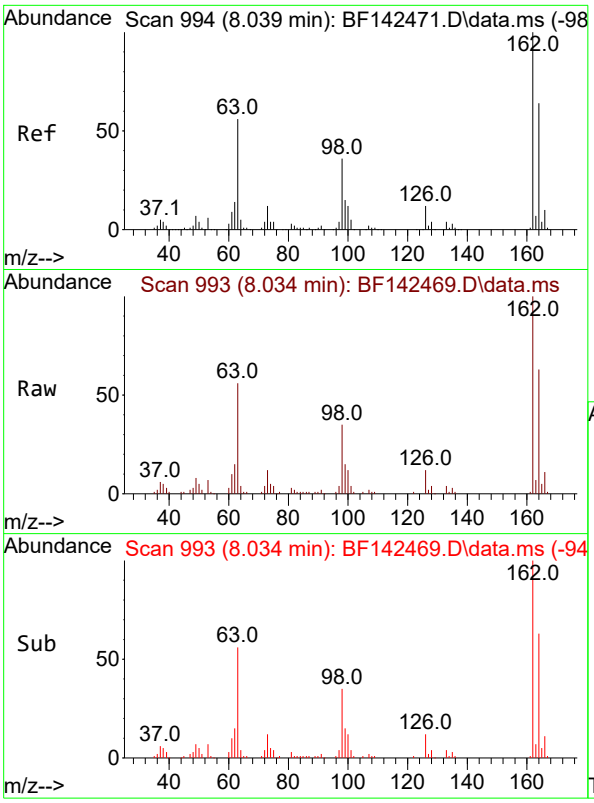


#28
bis(2-Chloroethoxy)methane
Concen: 10.277 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 93 Resp: 71943

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.4	39.6
123	11.3	10.6	15.8



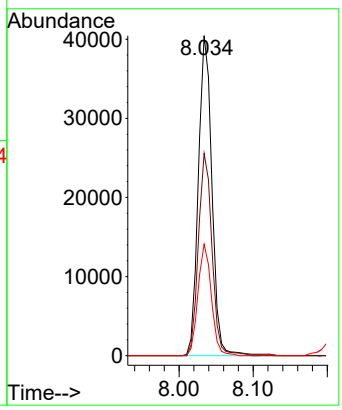


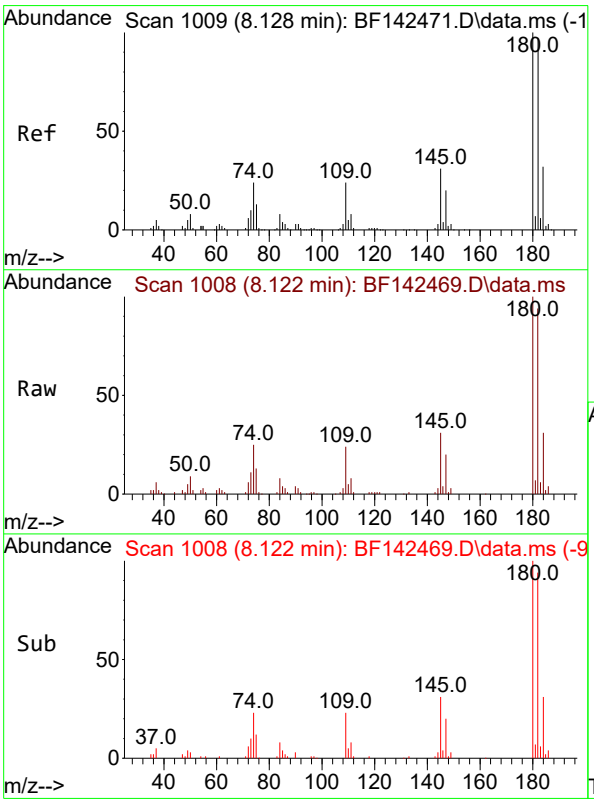
#29
2,4-Dichlorophenol
Concen: 9.941 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 51500

Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.7	83.7
98	34.8	15.5	55.5

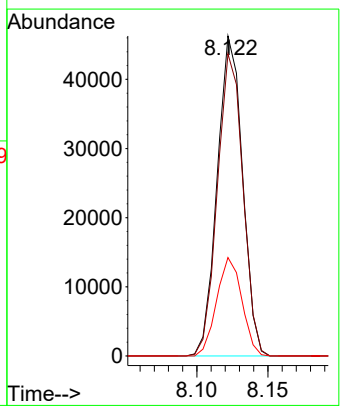


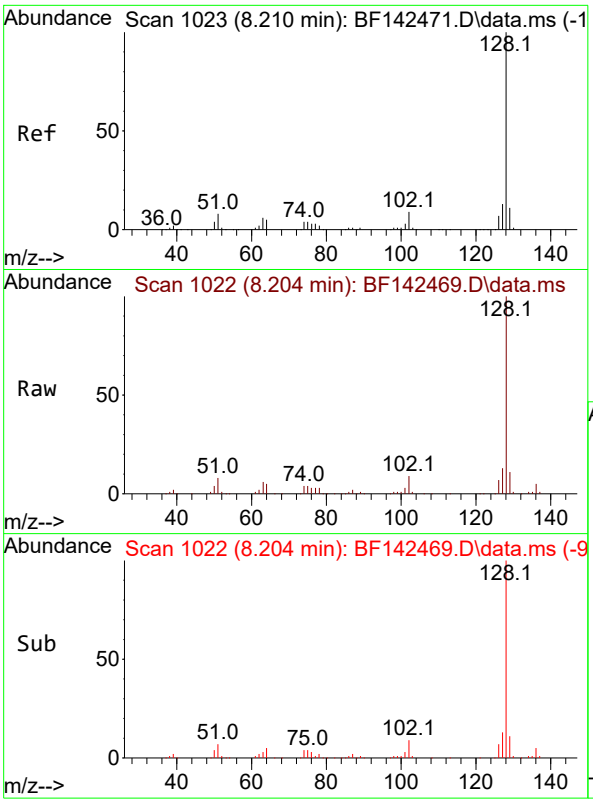


#30
1,2,4-Trichlorobenzene
Concen: 10.179 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:180 Resp: 57228

Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	30.8	25.0	37.6



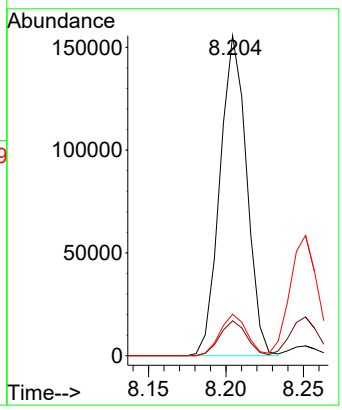


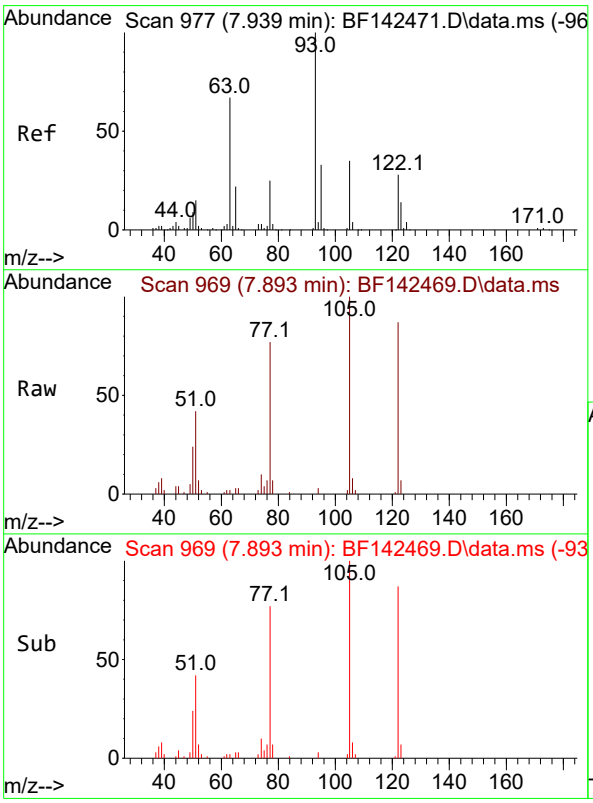
#31
Naphthalene
Concen: 10.364 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 186515

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.5	15.7

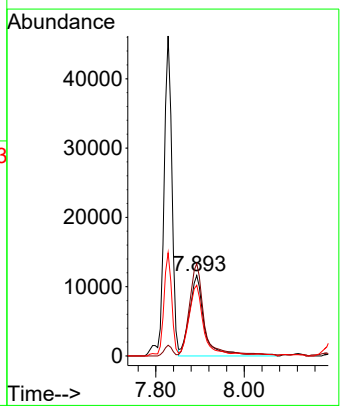


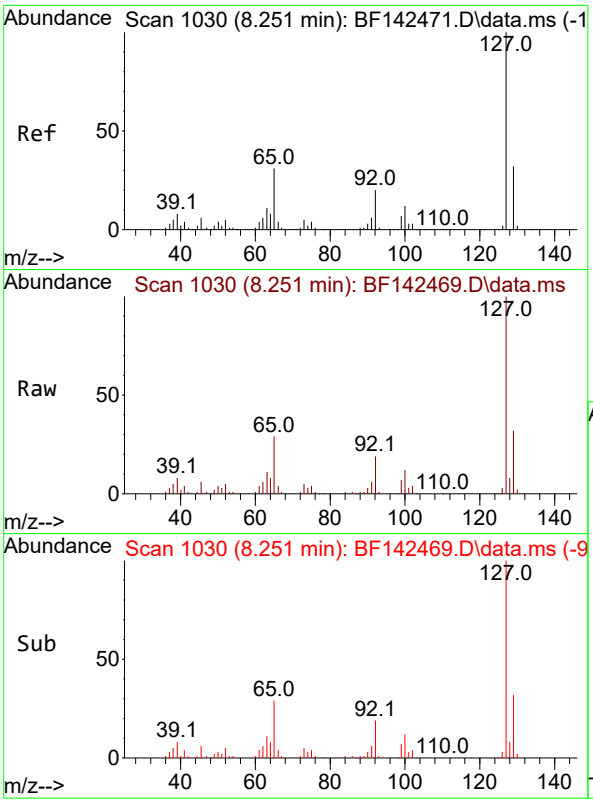


#32
Benzoic acid
Concen: 8.062 ng m
RT: 7.893 min Scan# 969
Delta R.T. -0.082 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:122 Resp: 27956

Ion	Ratio	Lower	Upper
122	100		
105	114.9	101.7	141.7
77	87.9	69.5	109.5



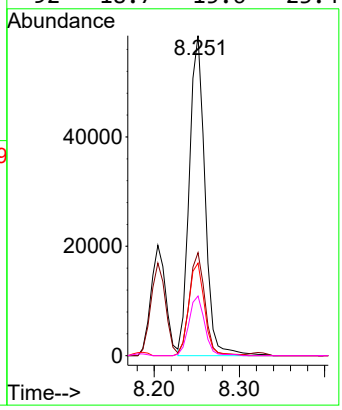


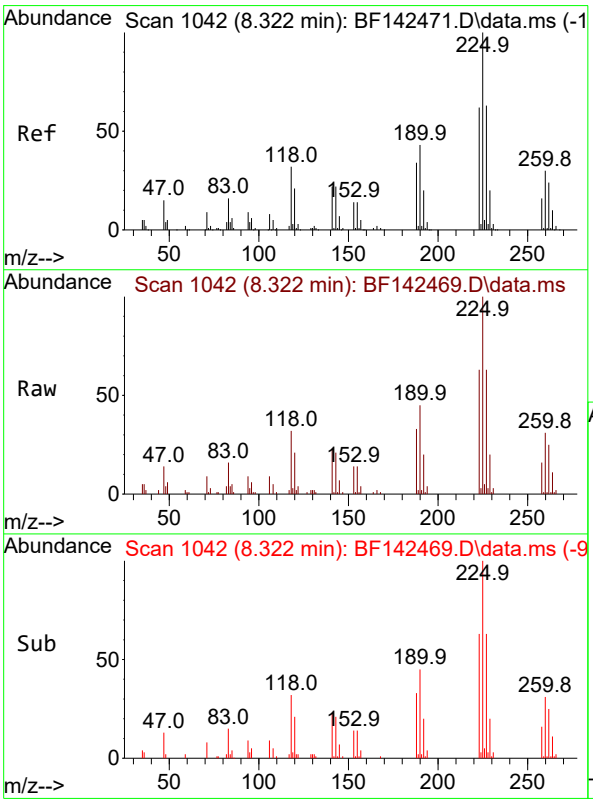
#33
4-Chloroaniline
Concen: 10.258 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 74805

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	29.0	24.9	37.3
92	18.7	15.6	23.4

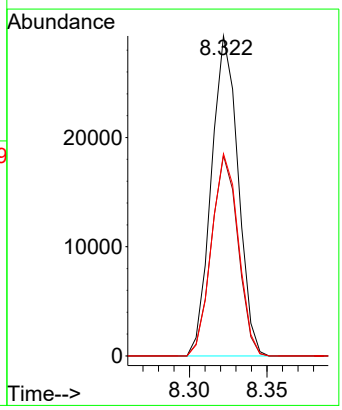


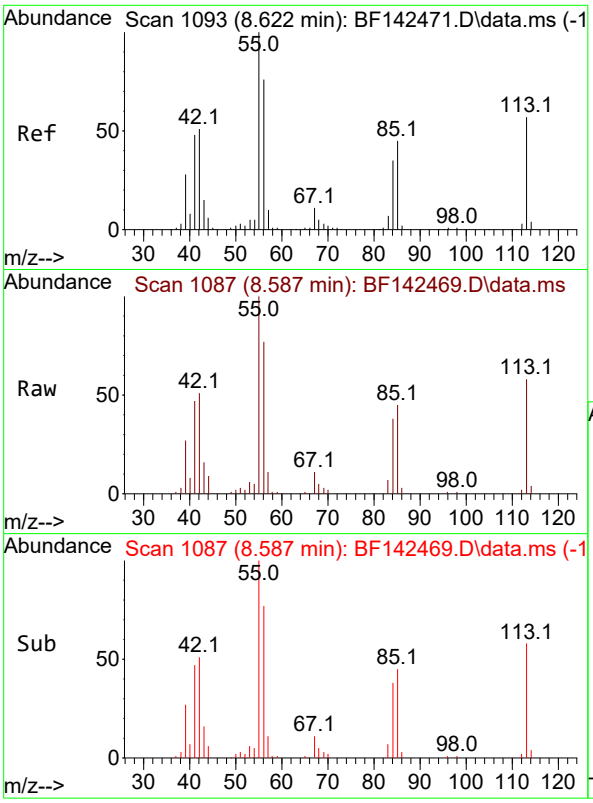


#34
Hexachlorobutadiene
Concen: 10.016 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:225 Resp: 35161

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.2	50.3	75.5



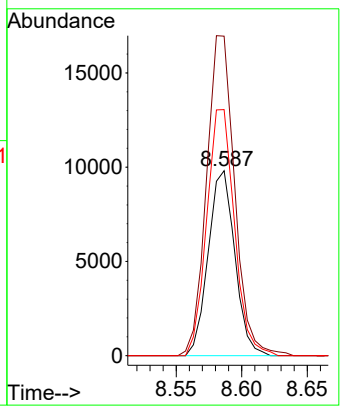


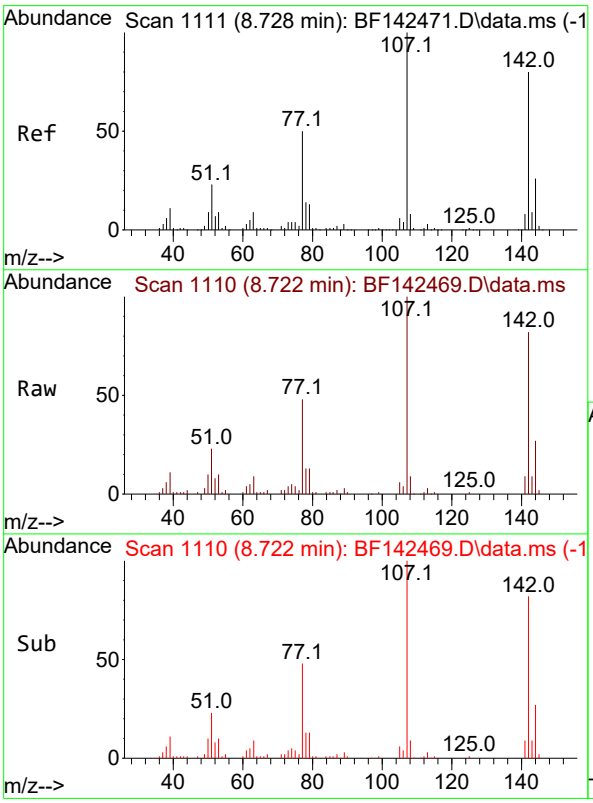
#35
Caprolactam
Concen: 9.527 ng
RT: 8.587 min Scan# 1
Delta R.T. -0.059 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 13862

Ion	Ratio	Lower	Upper
113	100		
55	172.8	154.7	194.7
56	133.0	113.2	153.2

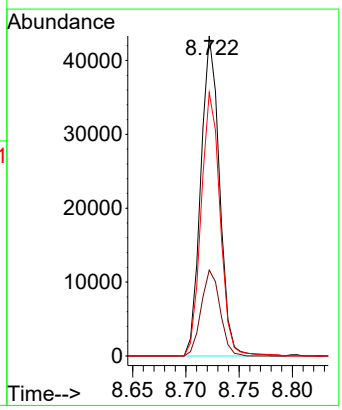


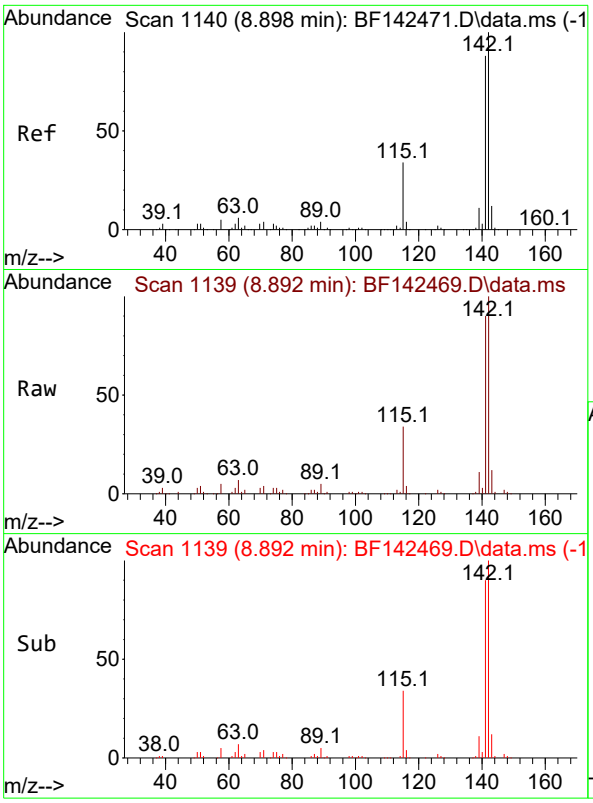


#36
4-Chloro-3-methylphenol
Concen: 9.968 ng
RT: 8.722 min Scan# 1110
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:107 Resp: 52919

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.9	31.3
142	82.4	64.2	96.2



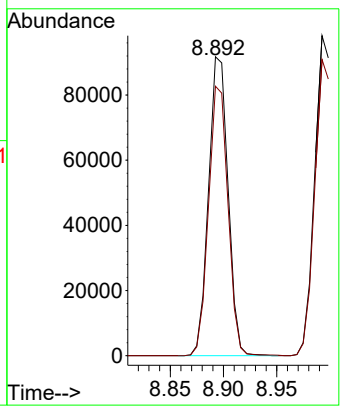


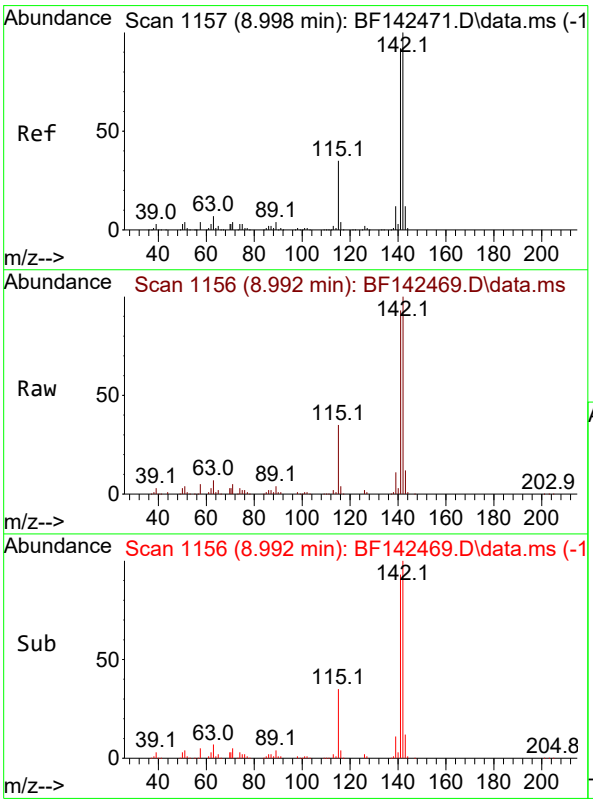
#37
2-Methylnaphthalene
Concen: 10.298 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 116592

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.7	106.1

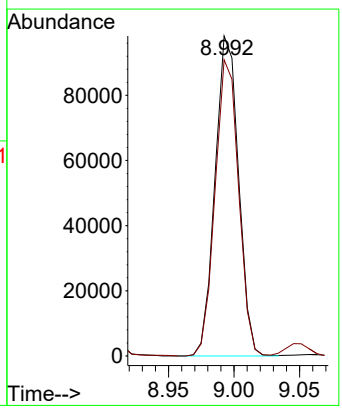


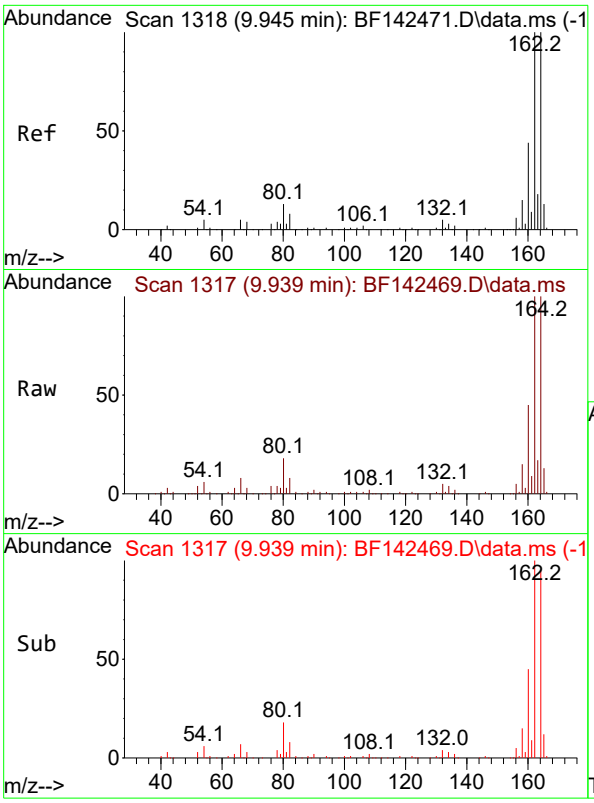


#38
1-Methylnaphthalene
Concen: 10.429 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:142 Resp: 122130

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.4	110.2



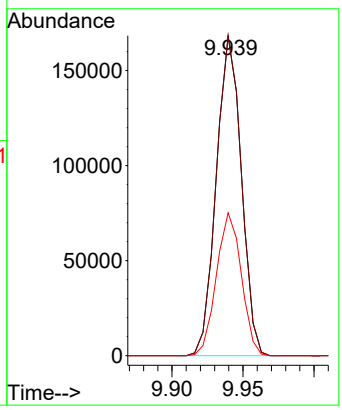


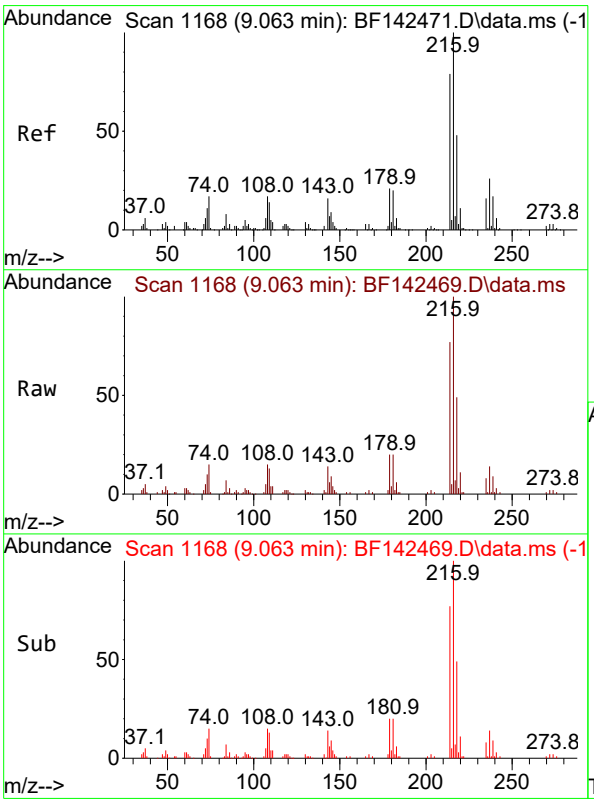
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 205654

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	44.7	35.6	53.4

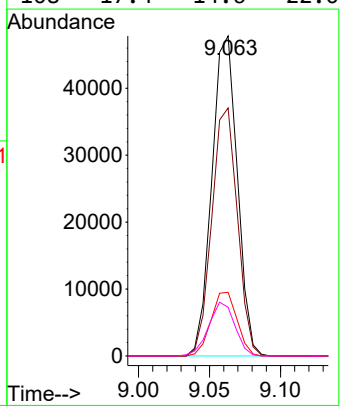


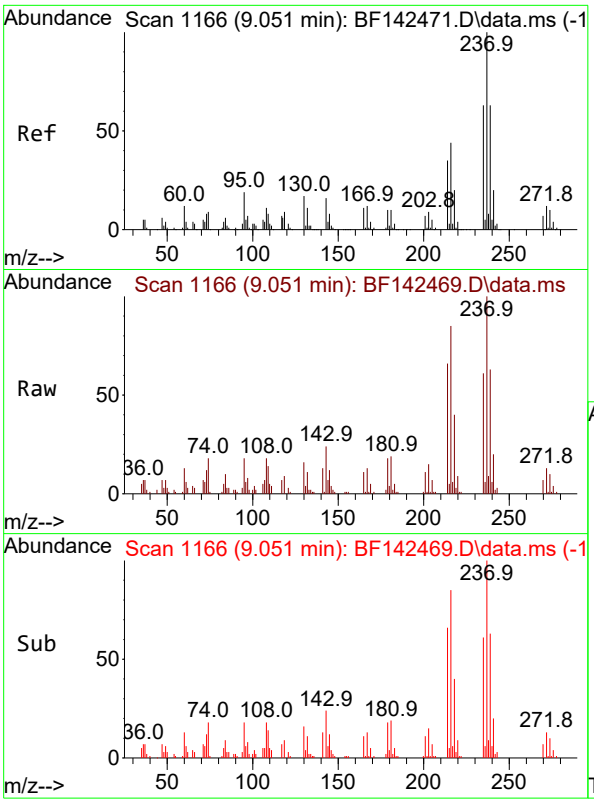


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.097 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:216 Resp: 59609

Ion	Ratio	Lower	Upper
216	100		
214	77.8	62.9	94.3
179	20.4	16.9	25.3
108	17.4	14.6	22.0



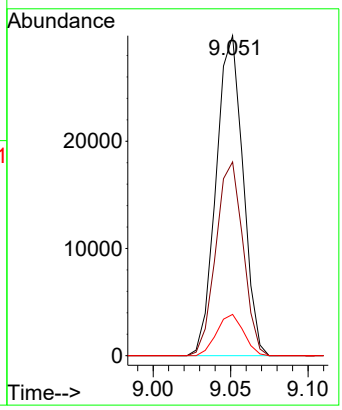


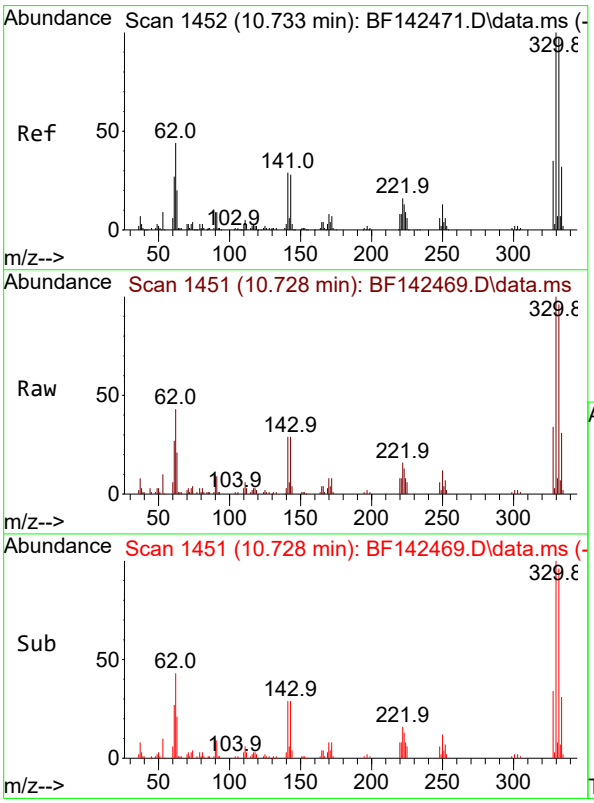
#41
Hexachlorocyclopentadiene
Concen: 9.044 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 36016

Ion	Ratio	Lower	Upper
237	100		
235	60.5	43.3	83.3
272	12.9	0.0	32.4

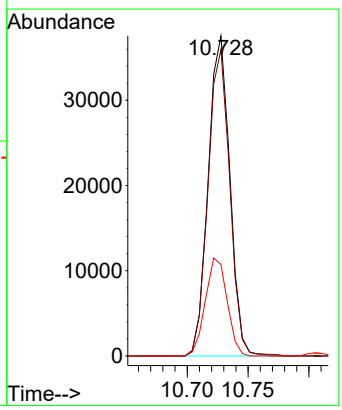


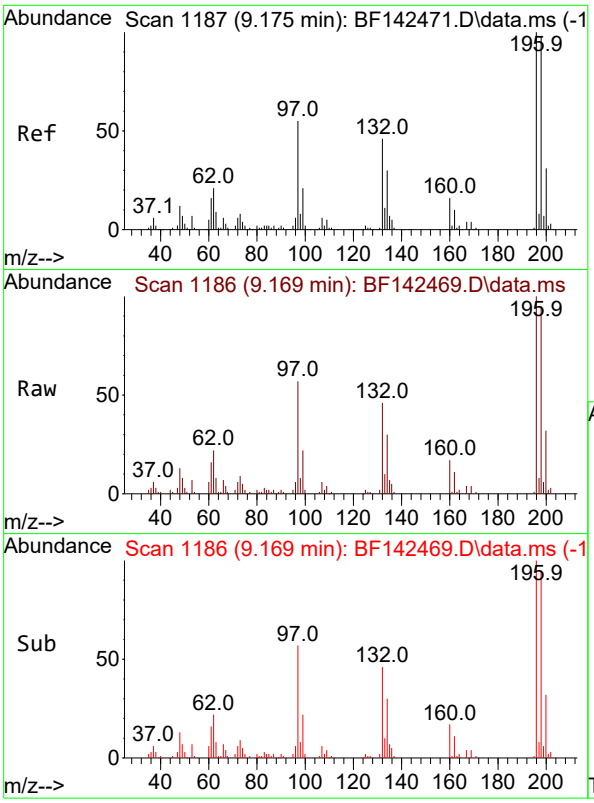


#42
2,4,6-Tribromophenol
Concen: 20.276 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:330 Resp: 46280

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.8	24.6	36.8



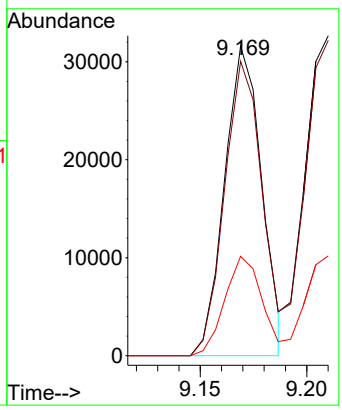


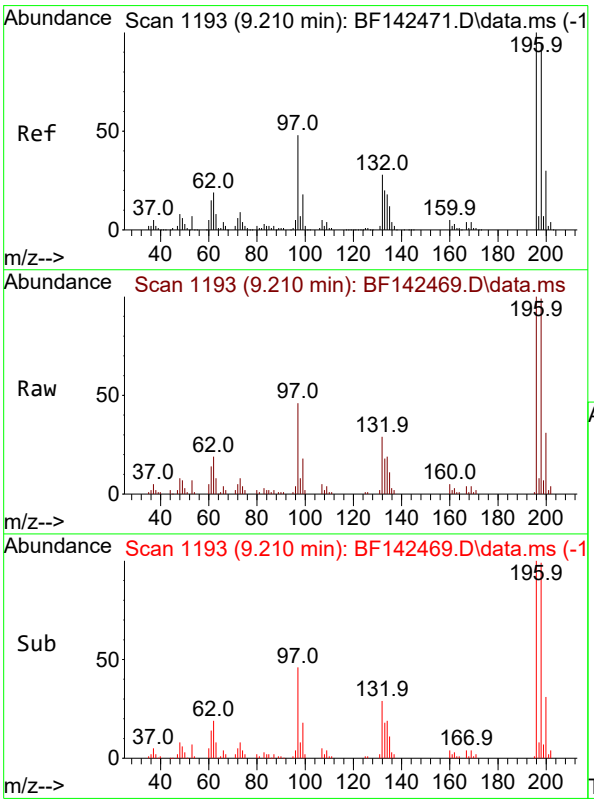
#43
2,4,6-Trichlorophenol
Concen: 9.635 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 38354

Ion	Ratio	Lower	Upper
196	100		
198	95.1	78.8	118.2
200	32.1	24.9	37.3

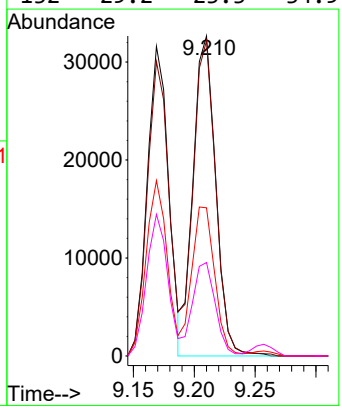


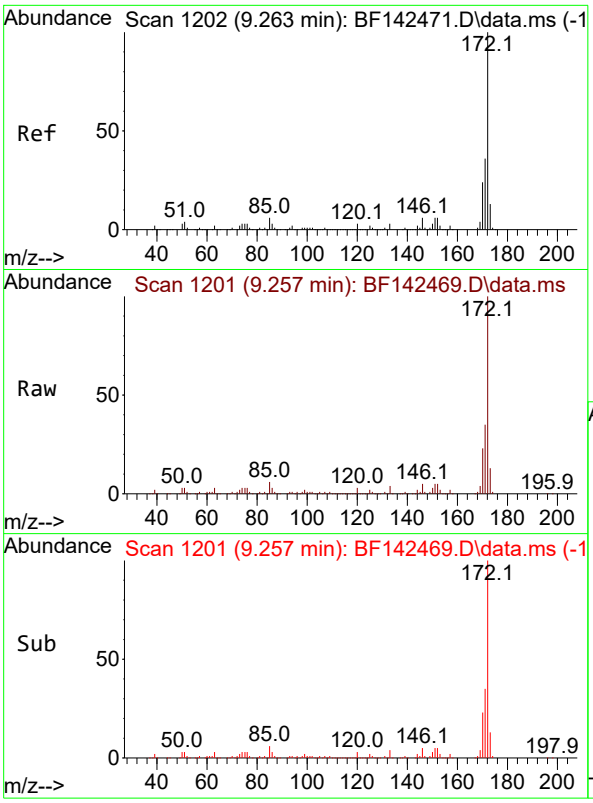


#44
2,4,5-Trichlorophenol
Concen: 10.069 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:196 Resp: 42272

Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.5	113.3
97	46.3	39.3	58.9
132	29.2	23.3	34.9



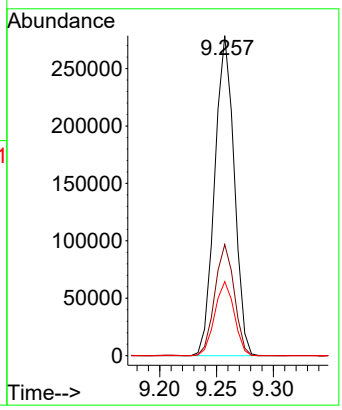


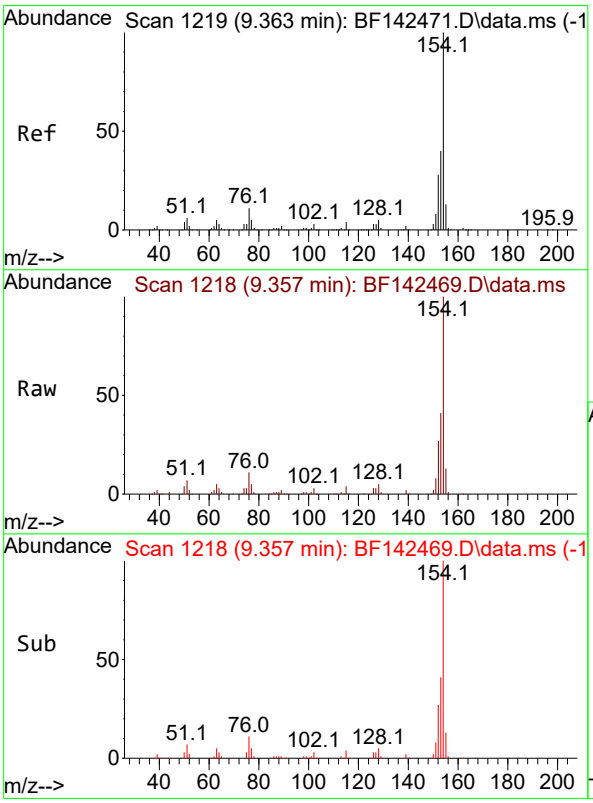
#45
2-Fluorobiphenyl
Concen: 21.719 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 332871

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.2	18.9	28.3

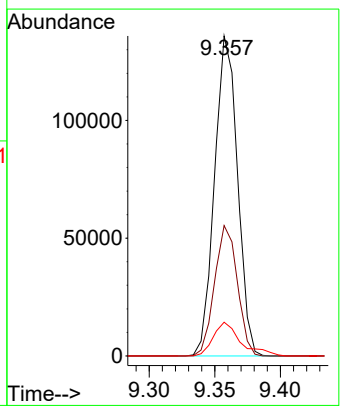


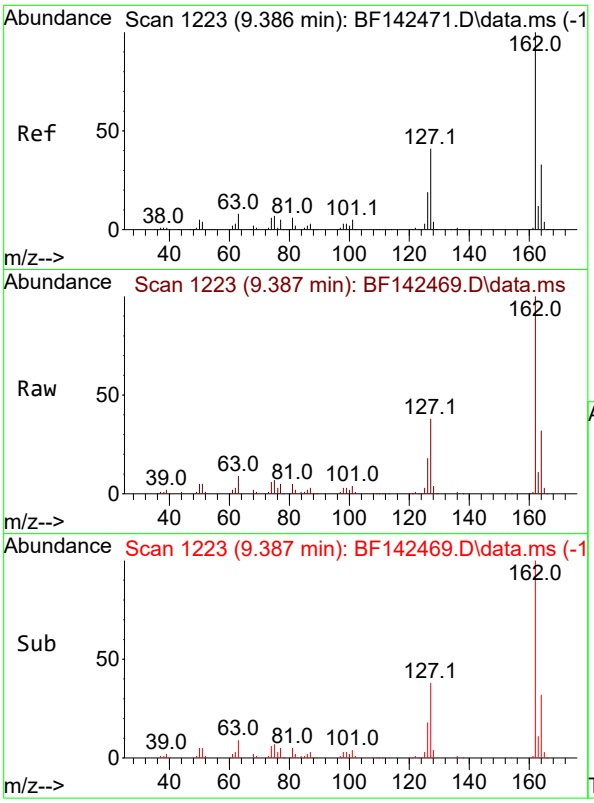


#46
1,1'-Biphenyl
Concen: 10.346 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 165063

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	10.6	0.0	30.8



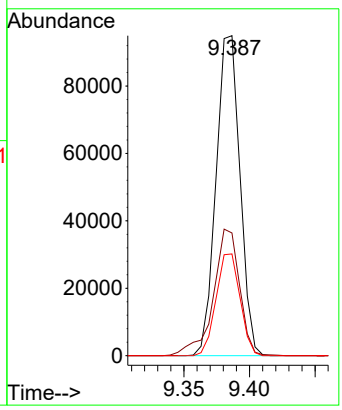


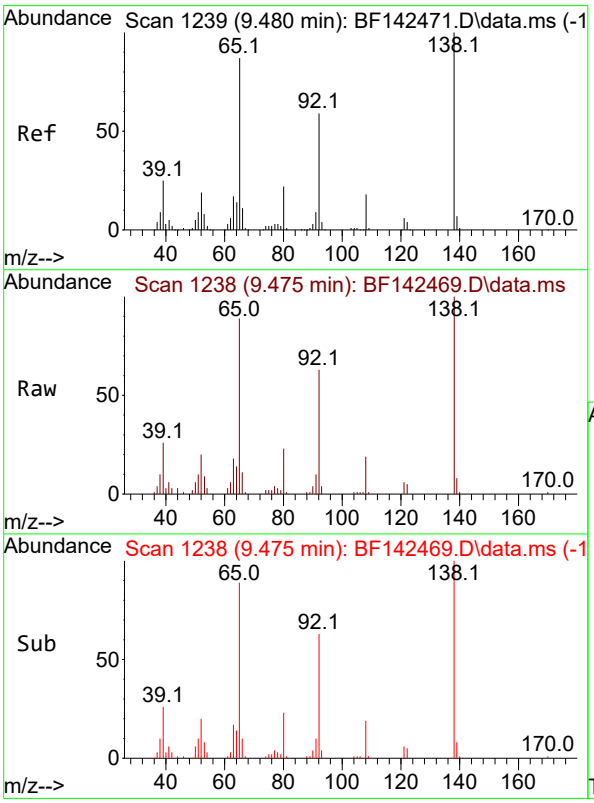
#47
2-Chloronaphthalene
Concen: 10.208 ng
RT: 9.387 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 120339

Ion	Ratio	Lower	Upper
162	100		
127	38.3	33.5	50.3
164	31.8	26.1	39.1

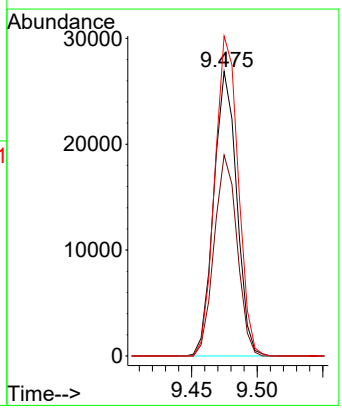


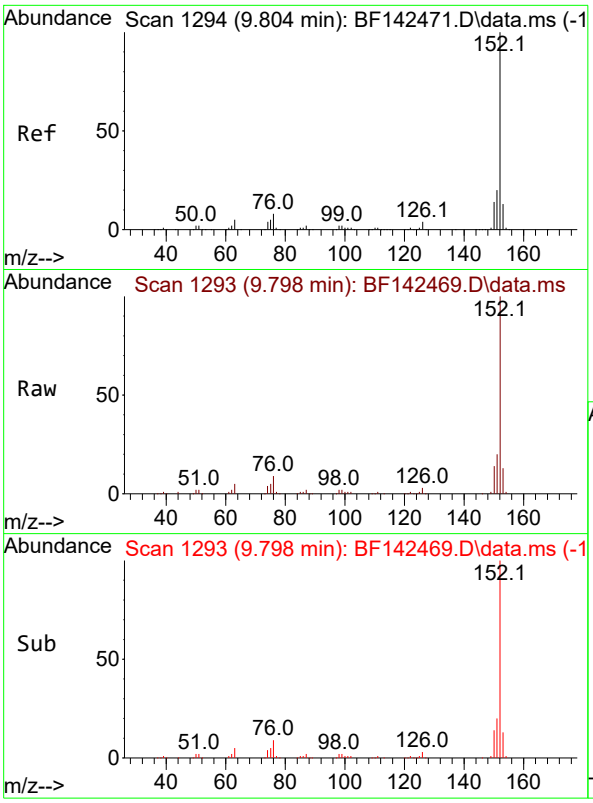


#48
2-Nitroaniline
Concen: 9.604 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion: 65 Resp: 32722

Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.4	81.6
138	112.5	91.4	137.2



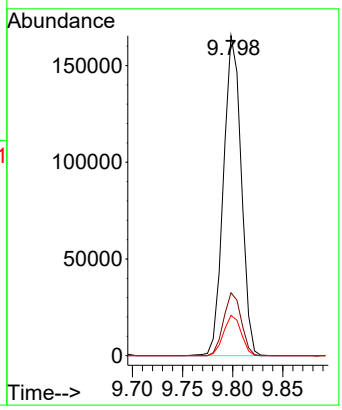


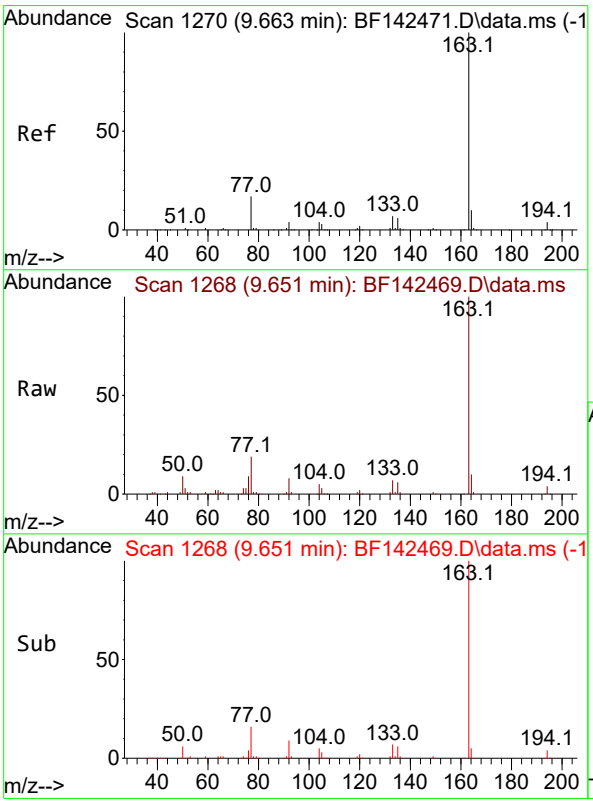
#49
Acenaphthylene
Concen: 10.237 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 203767

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	12.6	10.6	15.8

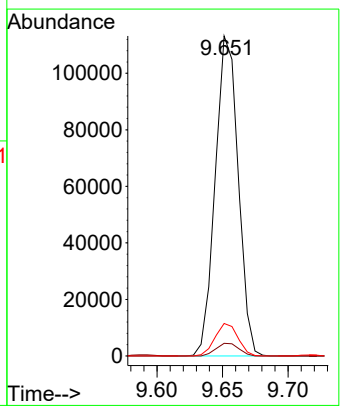


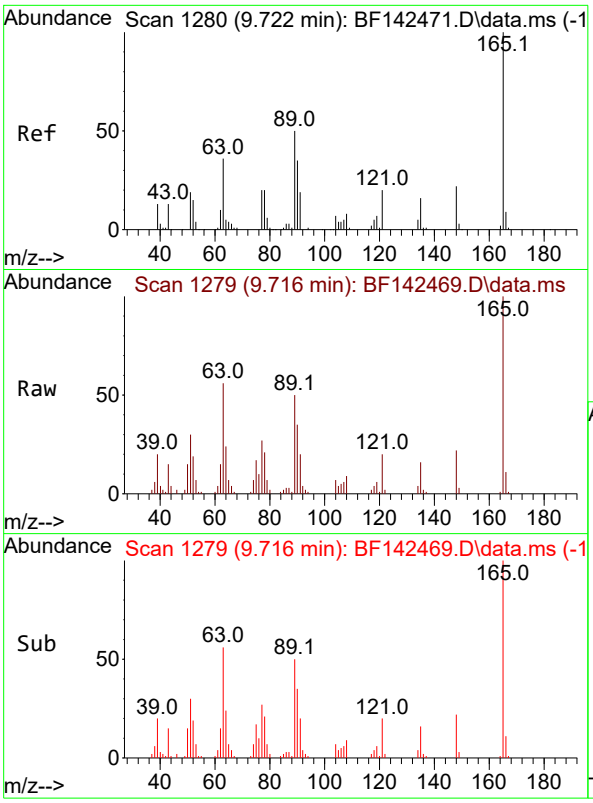


#50
Dimethylphthalate
Concen: 10.155 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:163 Resp: 137804

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.2	12.4



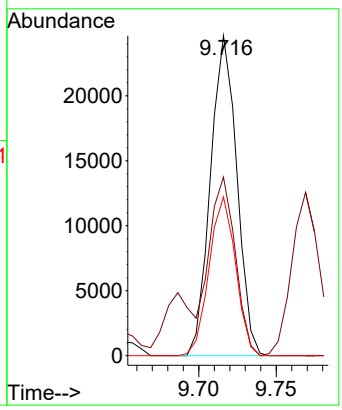


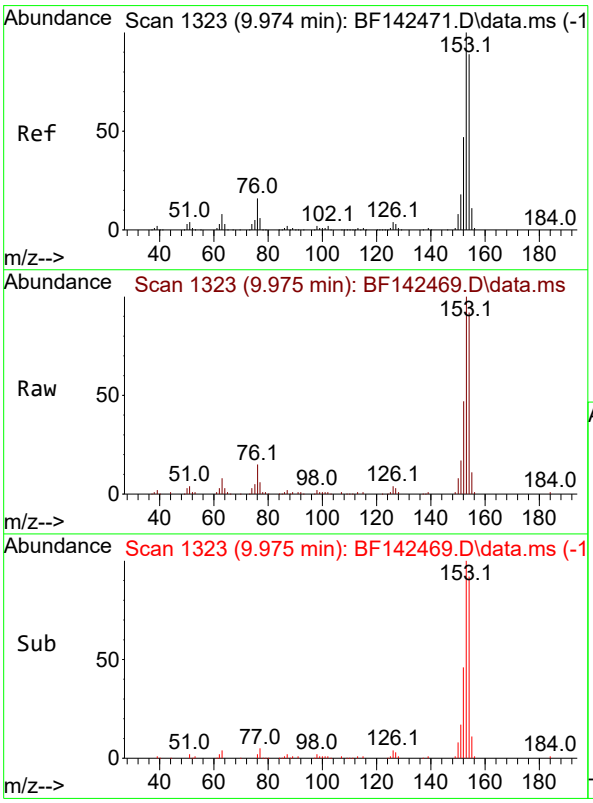
#51
2,6-Dinitrotoluene
Concen: 9.940 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 29112

Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.6	40.2	60.4

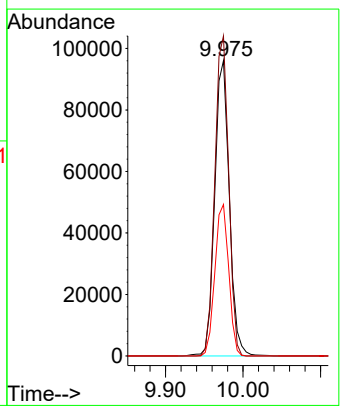


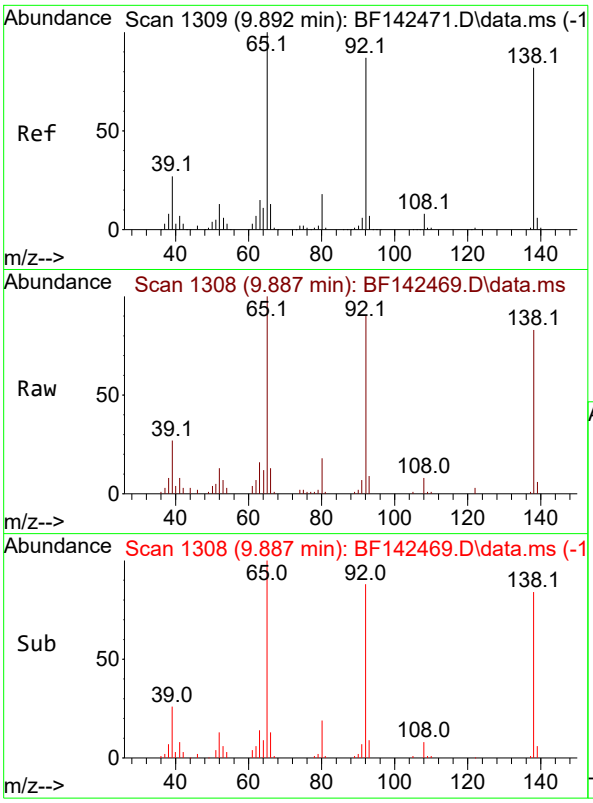


#52
Acenaphthene
Concen: 10.339 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:154 Resp: 125669

Ion	Ratio	Lower	Upper
154	100		
153	108.4	90.0	135.0
152	51.3	42.6	64.0



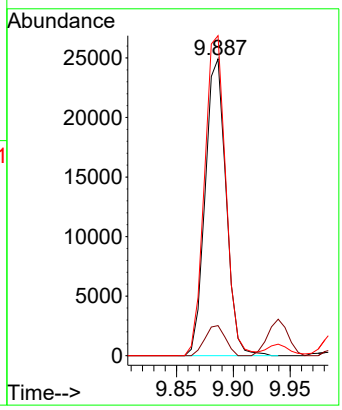


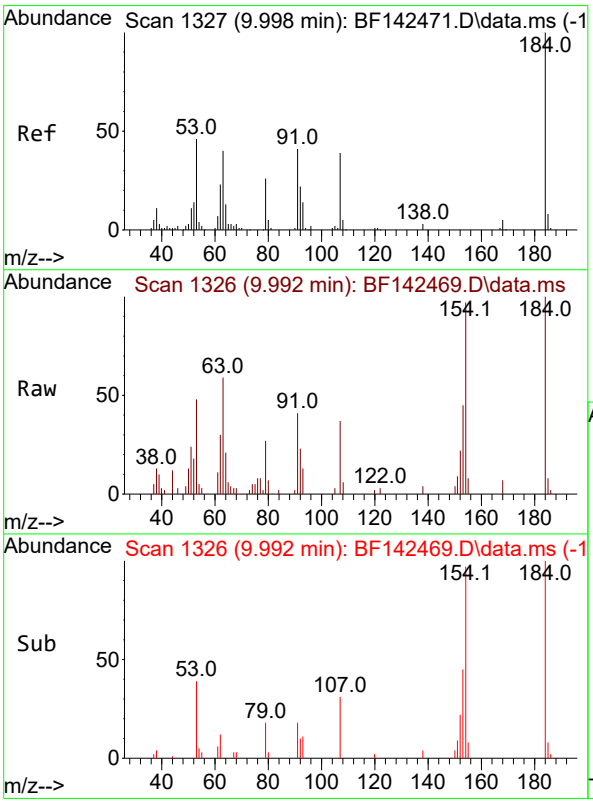
#53
3-Nitroaniline
Concen: 9.947 ng
RT: 9.887 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 31820

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	107.8	85.2	127.8

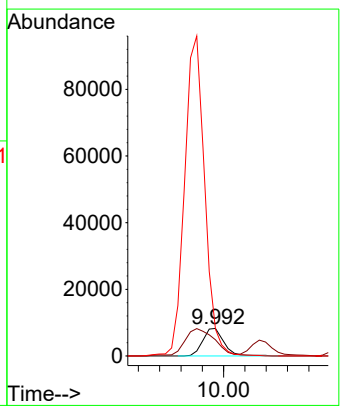


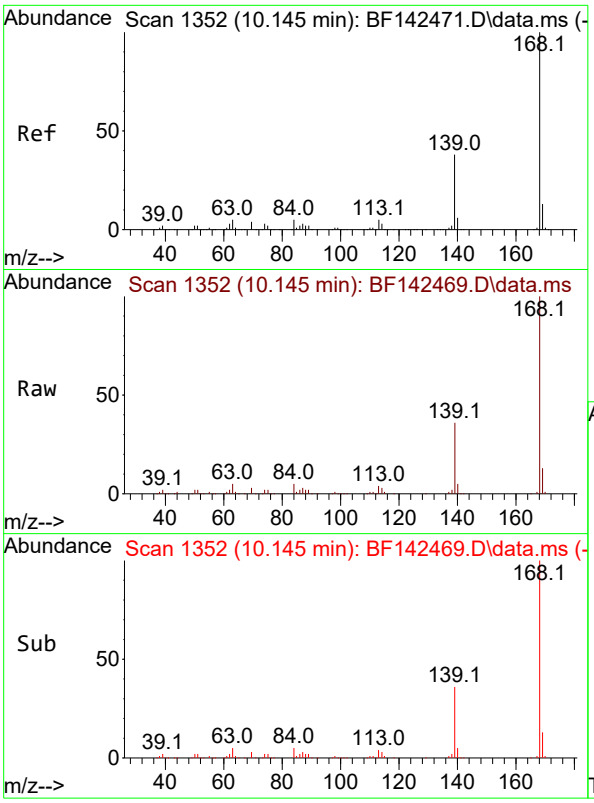


#54
2,4-Dinitrophenol
Concen: 7.502 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:184 Resp: 11352

Ion	Ratio	Lower	Upper
184	100		
63	58.7	46.3	69.5
154	97.5	56.8	85.2#



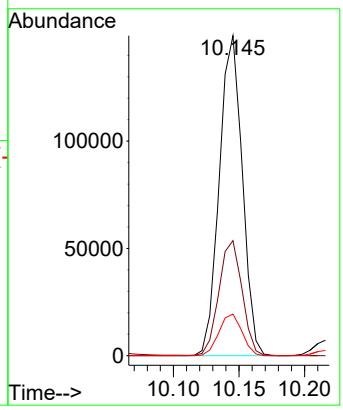


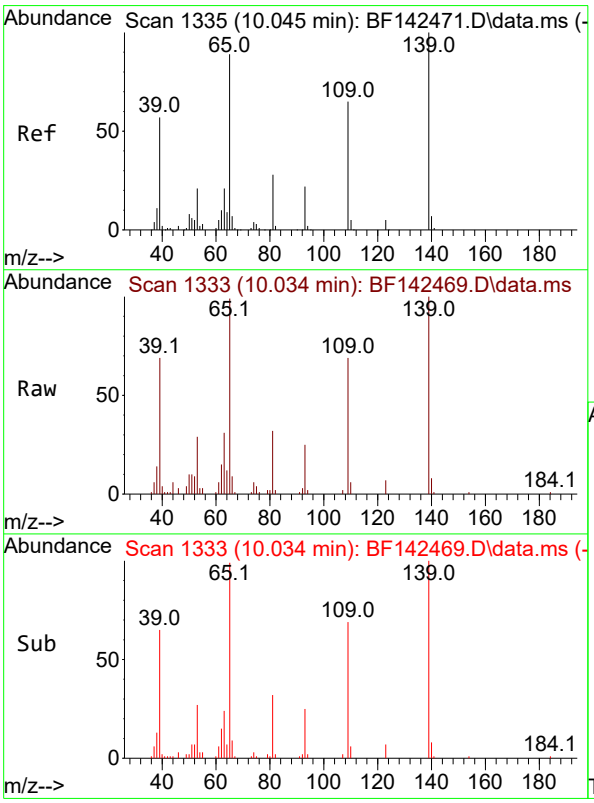
#55
Dibenzofuran
Concen: 10.380 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 181558

Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.2	45.2
169	13.0	10.7	16.1

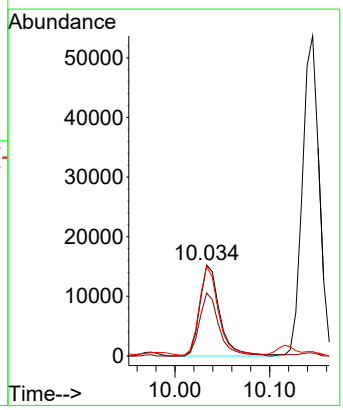


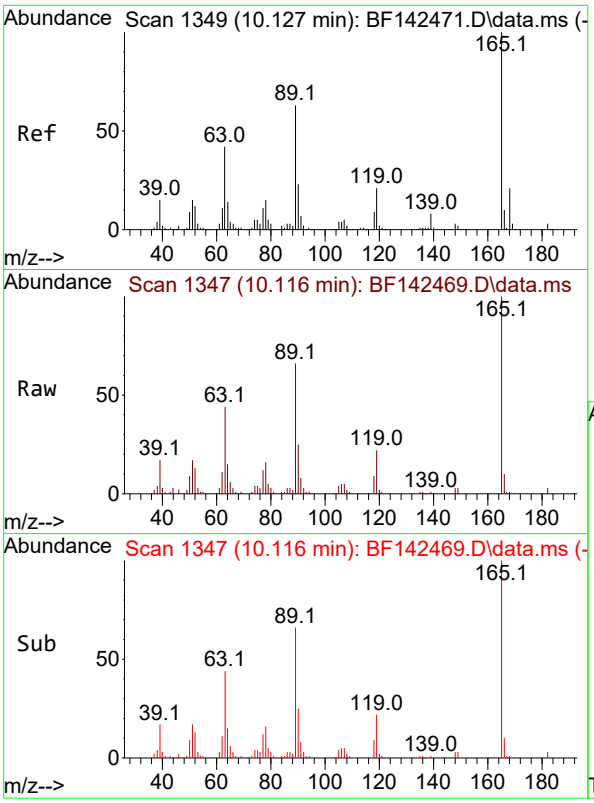


#56
4-Nitrophenol
Concen: 9.456 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:139 Resp: 22320

Ion	Ratio	Lower	Upper
139	100		
109	69.1	45.1	85.1
65	98.8	69.7	109.7



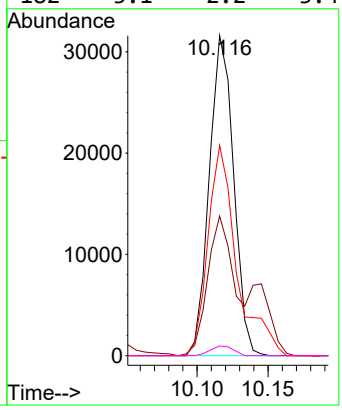


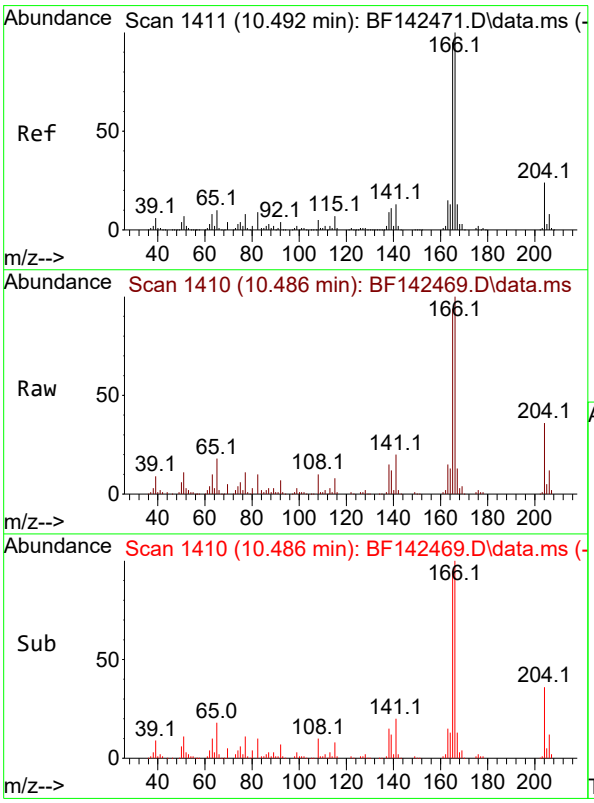
#57
2,4-Dinitrotoluene
Concen: 9.869 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 37749

Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.6	50.4
89	65.7	50.2	75.4
182	3.1	2.2	3.4

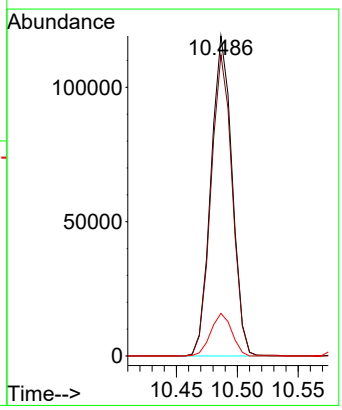


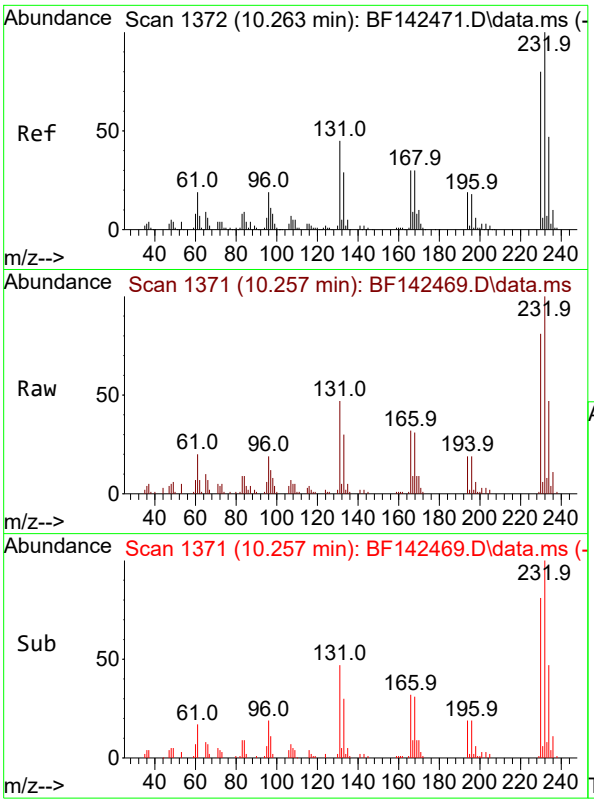


#58
Fluorene
Concen: 10.648 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:166 Resp: 143883

Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.8	113.8
167	13.3	10.6	16.0



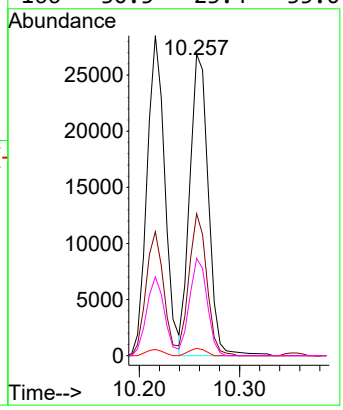


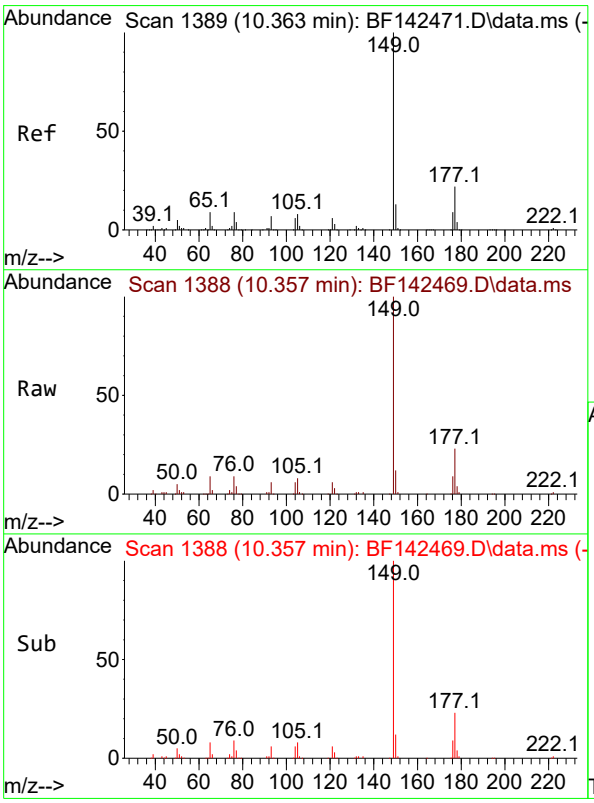
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.857 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 34548

Ion	Ratio	Lower	Upper
232	100		
131	44.5	35.2	52.8
130	2.2	1.7	2.5
166	30.5	23.4	35.0

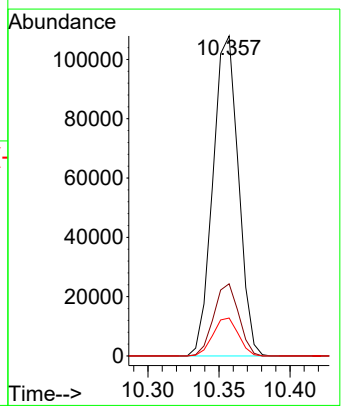


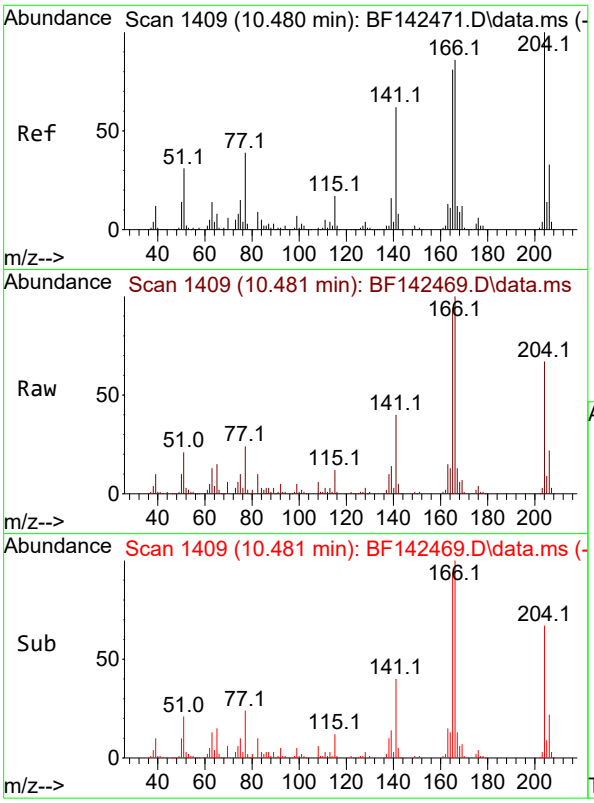


#60
Diethylphthalate
Concen: 10.161 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 134662

Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.6	26.4
150	11.8	10.1	15.1



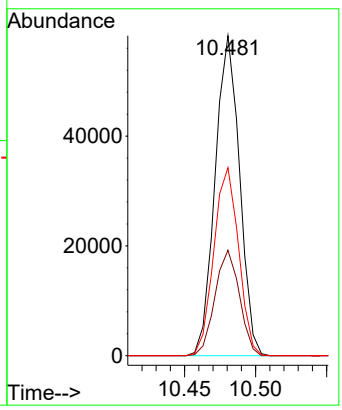


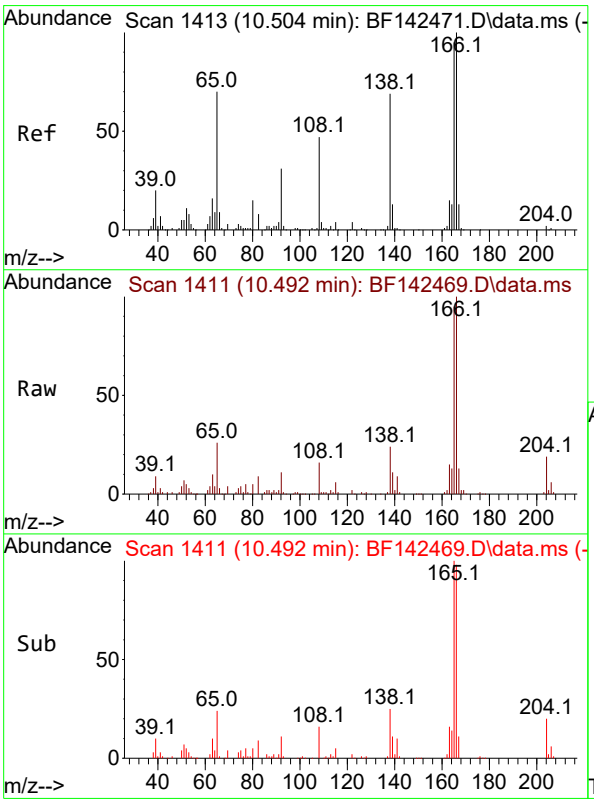
#61
4-Chlorophenyl-phenylether
Concen: 10.506 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 69739

Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	58.7	49.5	74.3

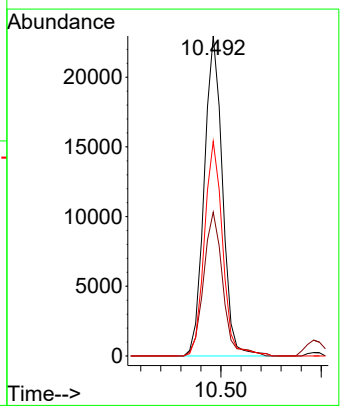


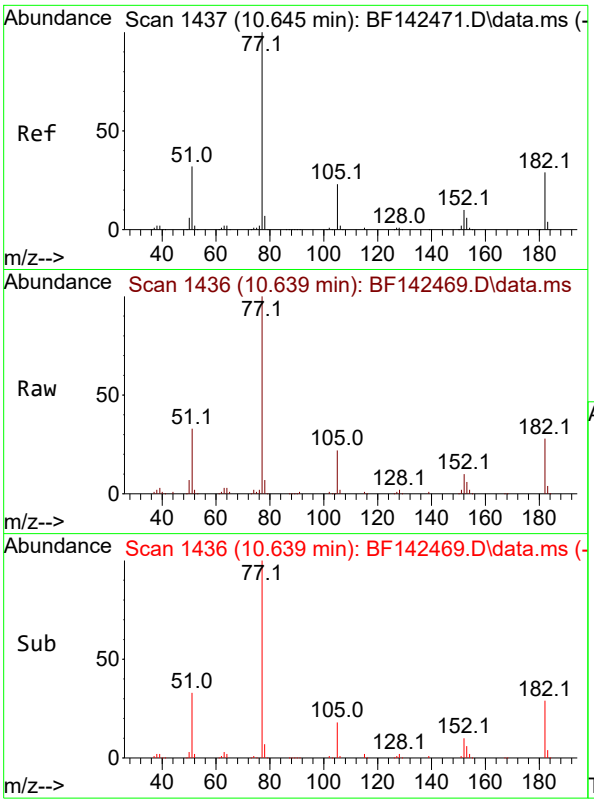


#62
4-Nitroaniline
Concen: 10.038 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:138 Resp: 29122

Ion	Ratio	Lower	Upper
138	100		
92	45.0	26.0	66.0
108	67.1	48.4	88.4



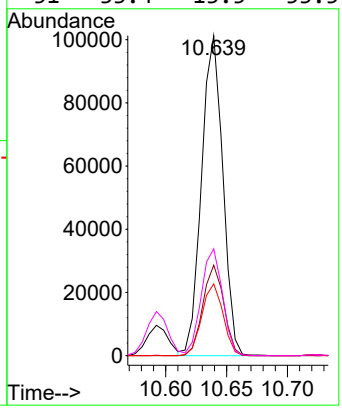


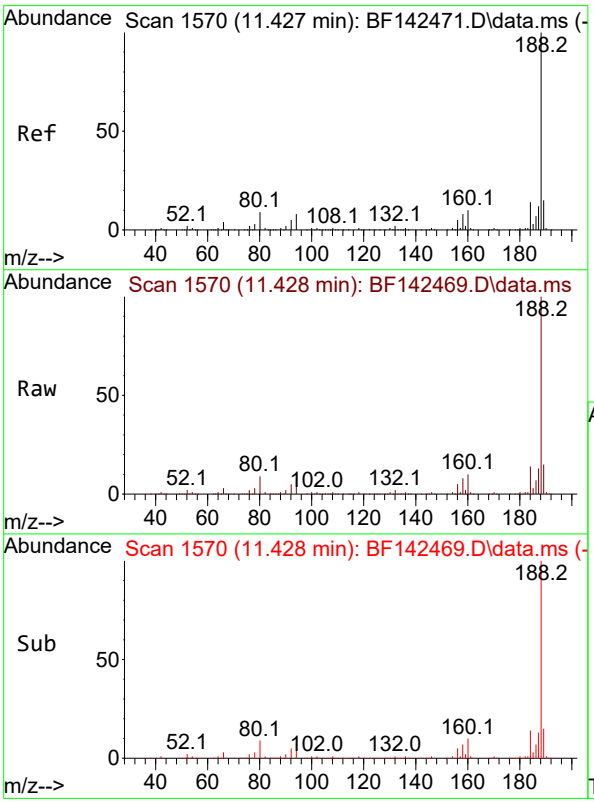
#63
Azobenzene
Concen: 10.317 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 122806

Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.0	49.0
105	22.5	2.4	42.4
51	33.4	13.5	53.5

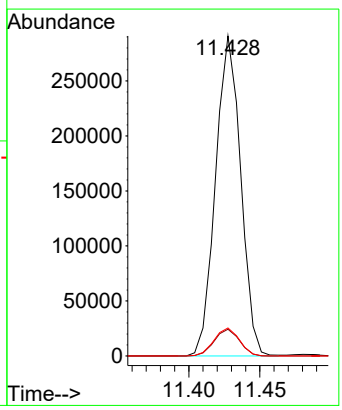


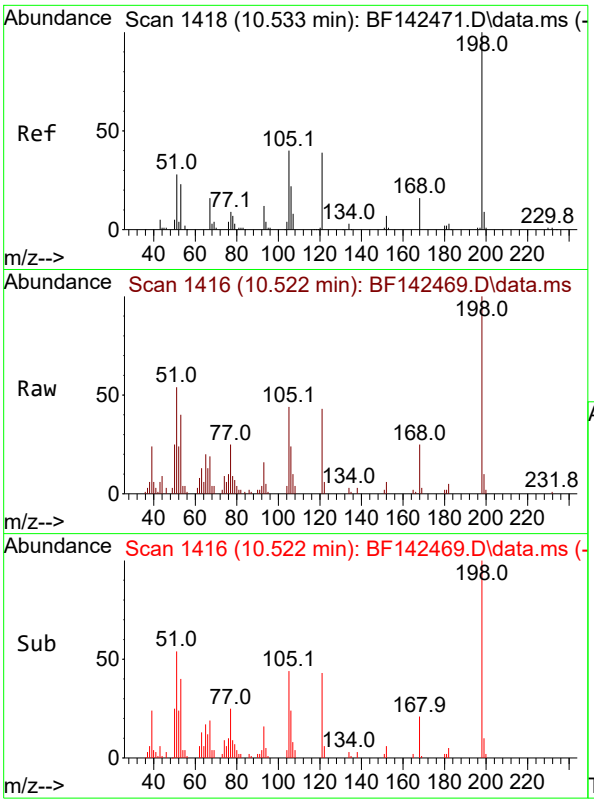


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:188 Resp: 357871

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.7	7.4	11.0



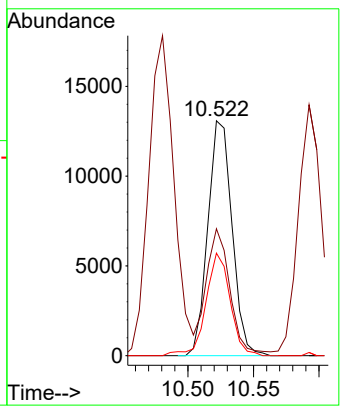


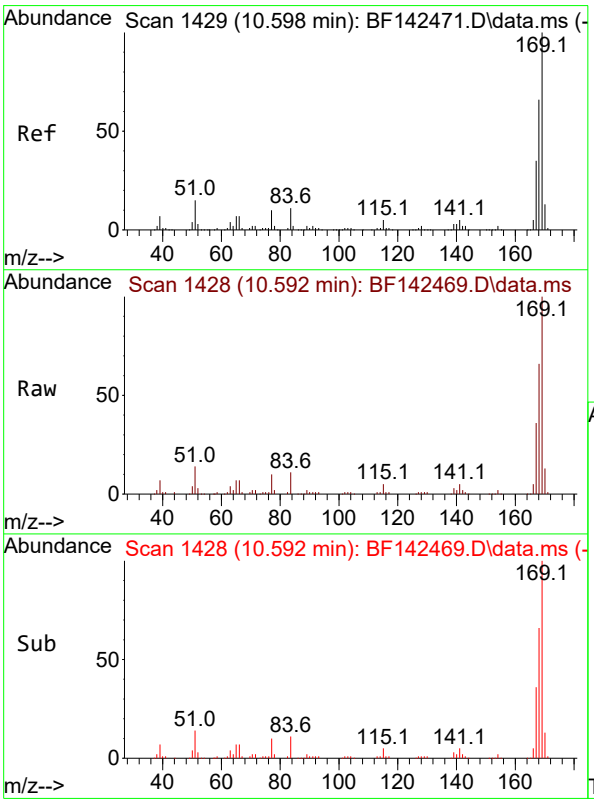
#65
4,6-Dinitro-2-methylphenol
Concen: 8.403 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 16782

Ion	Ratio	Lower	Upper
198	100		
51	54.0	28.3	68.3
105	43.7	21.3	61.3

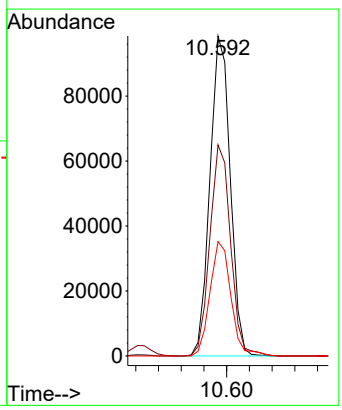


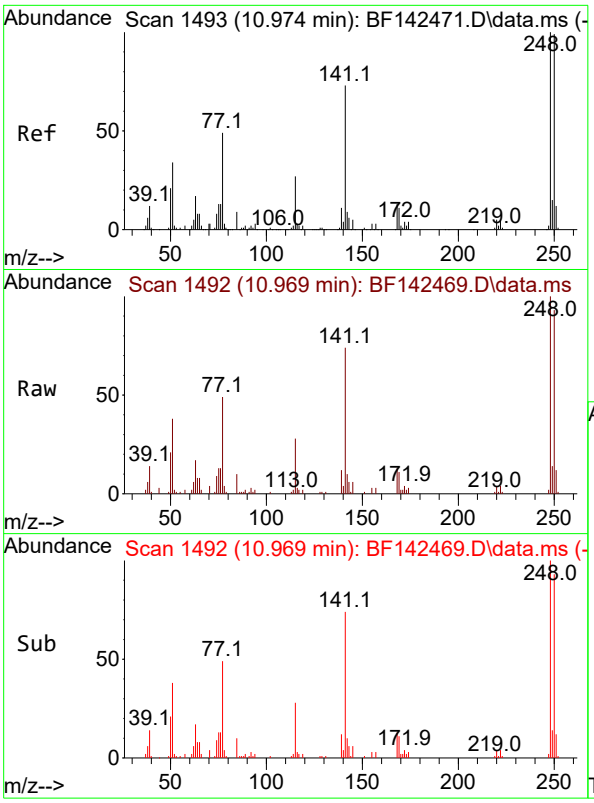


#66
n-Nitrosodiphenylamine
Concen: 9.961 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:169 Resp: 121959

Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.7	79.1
167	35.8	28.3	42.5



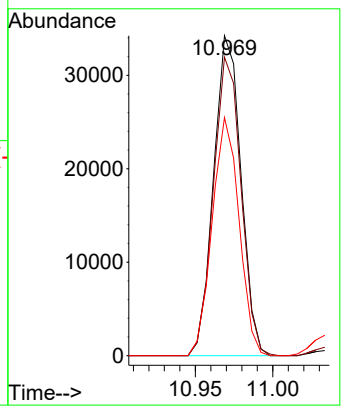


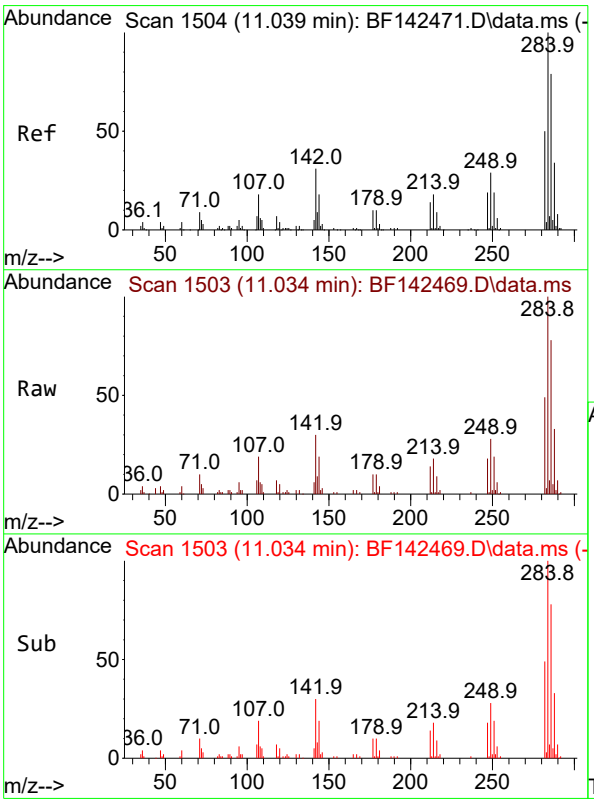
#67
4-Bromophenyl-phenylether
Concen: 9.939 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 42057

Ion	Ratio	Lower	Upper
248	100		
250	93.3	79.0	118.4
141	74.4	58.4	87.6

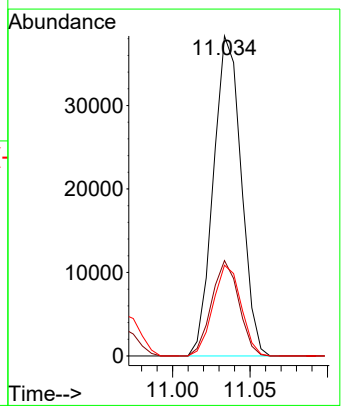


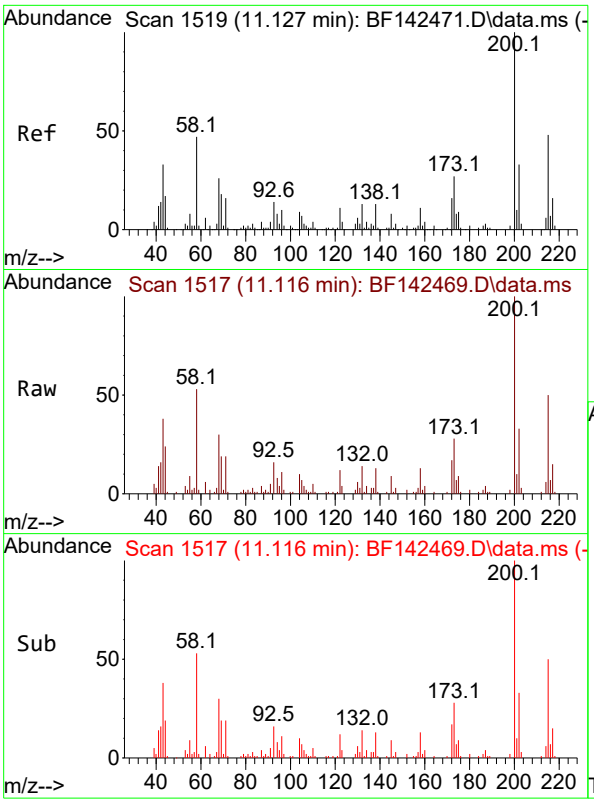


#68
Hexachlorobenzene
Concen: 10.207 ng
RT: 11.034 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:284 Resp: 47773

Ion	Ratio	Lower	Upper
284	100		
142	29.8	24.8	37.2
249	28.4	23.6	35.4



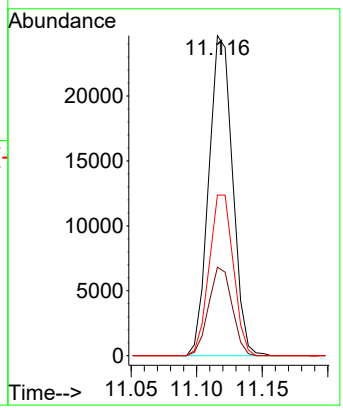


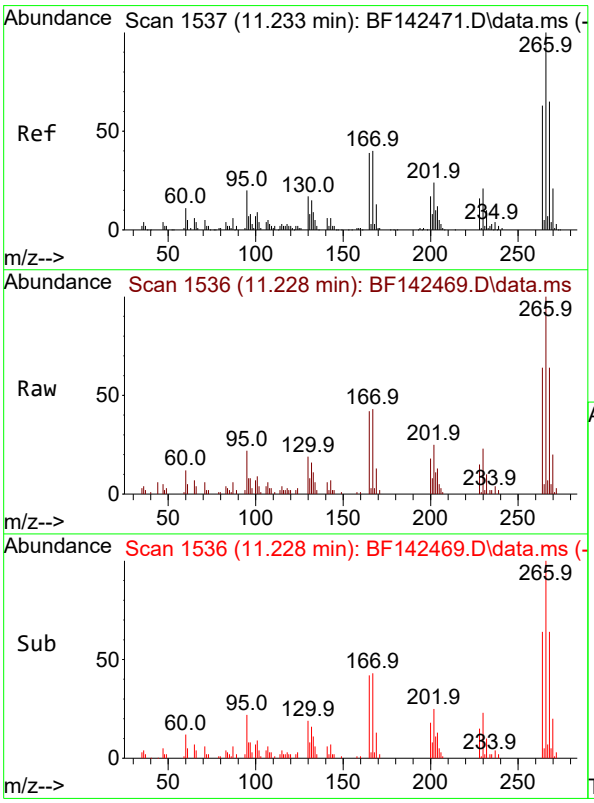
#69
Atrazine
Concen: 9.591 ng
RT: 11.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 31184

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	50.2	28.5	68.5

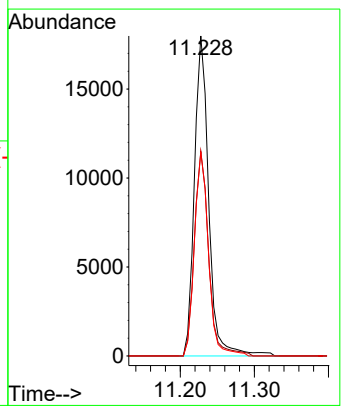


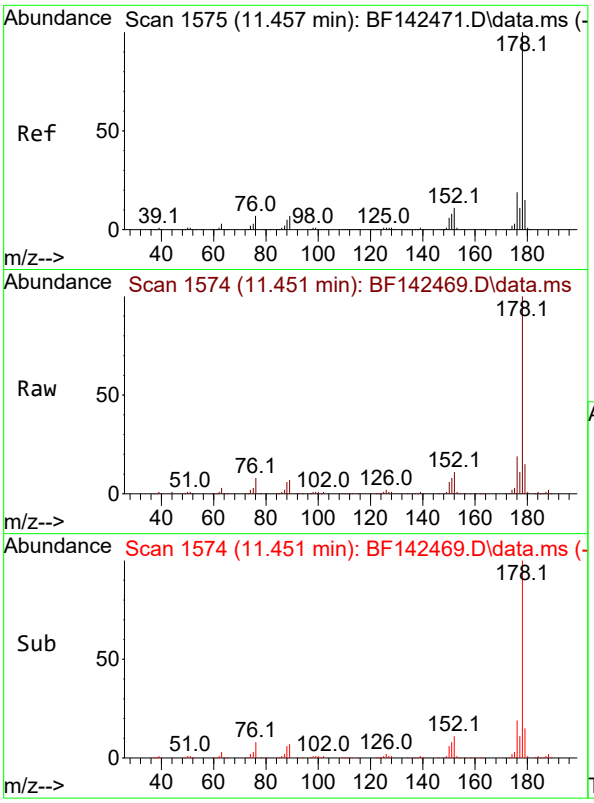


#70
Pentachlorophenol
Concen: 9.126 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:266 Resp: 24115

Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.7	77.5
264	63.7	50.4	75.6



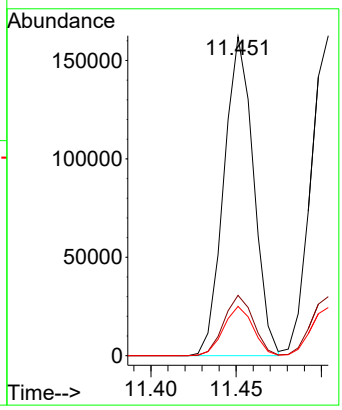


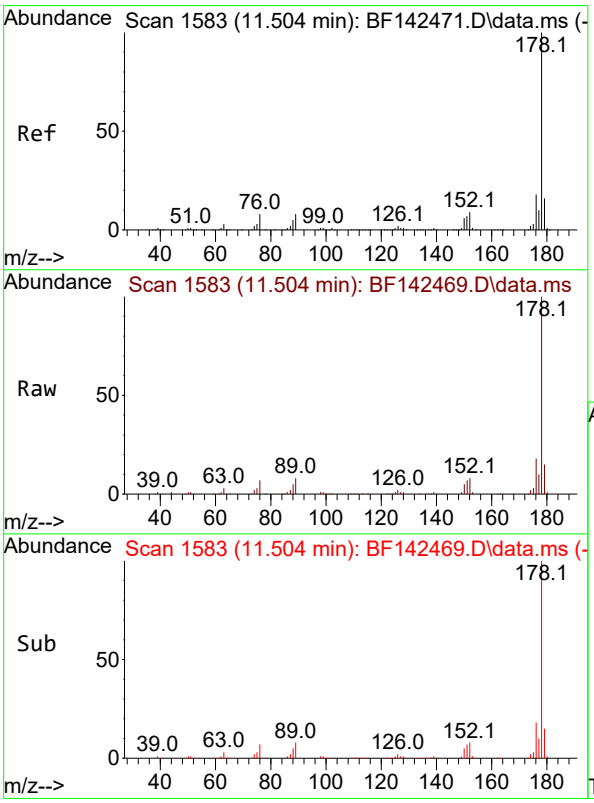
#71
Phenanthrene
Concen: 10.231 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 195667

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.5	12.3	18.5

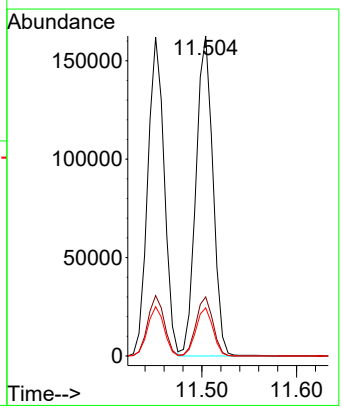


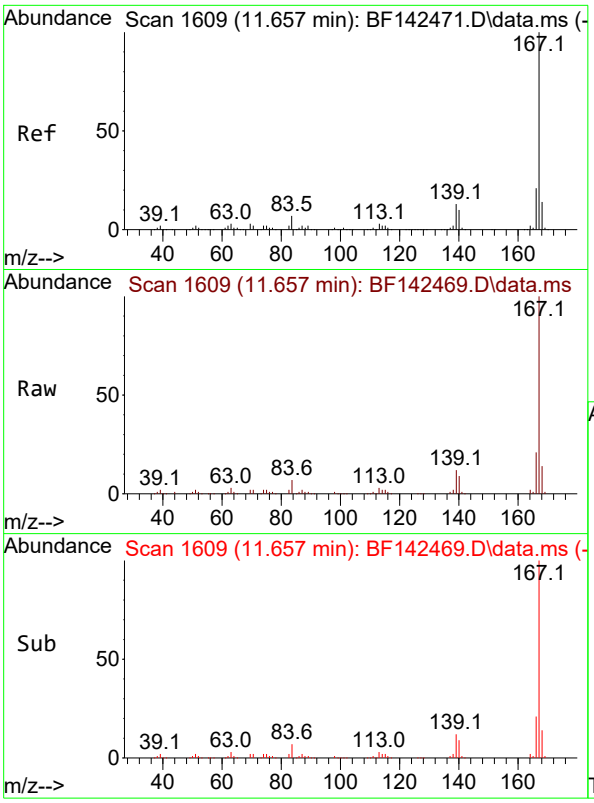


#72
Anthracene
Concen: 10.375 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:178 Resp: 202509

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.0	12.4	18.6



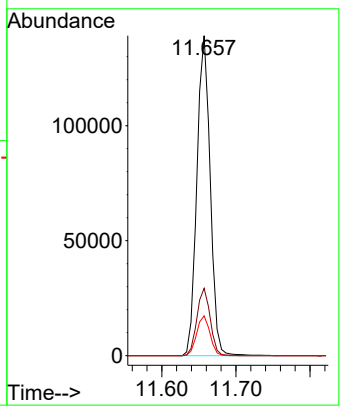


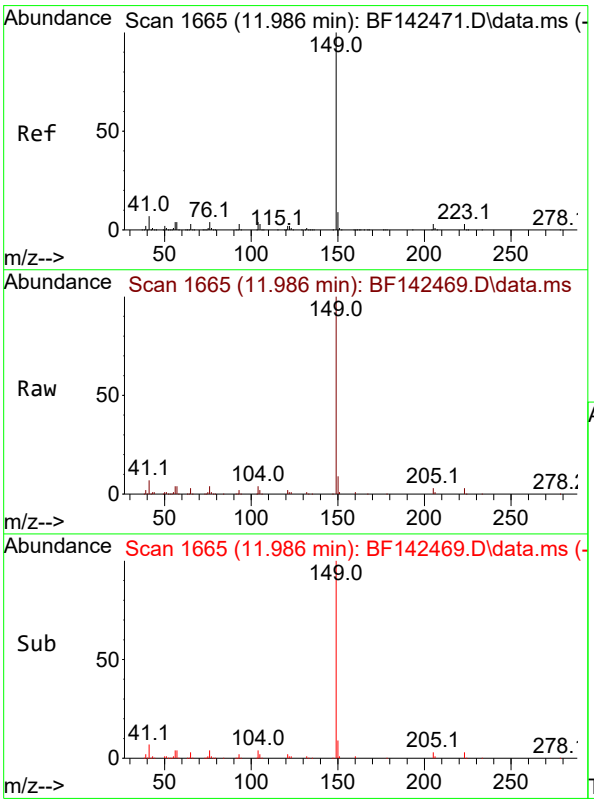
#73
Carbazole
Concen: 10.381 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 173217

Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.9	25.3
139	12.5	10.2	15.4

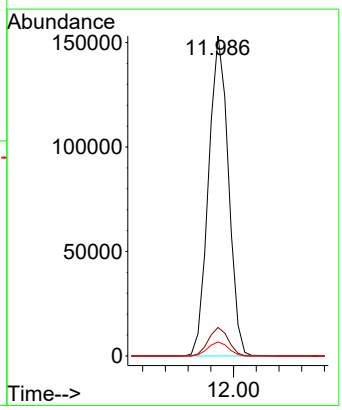


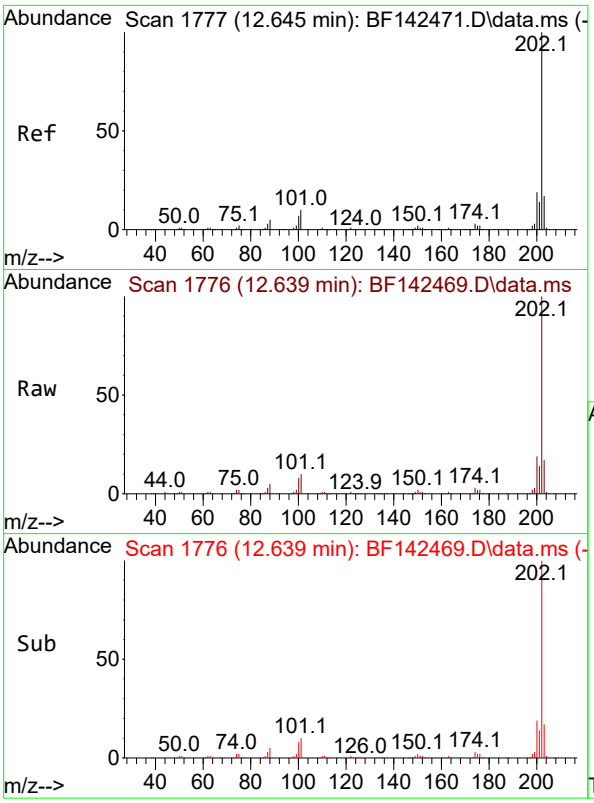


#74
Di-n-butylphthalate
Concen: 10.177 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 185880

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.4	3.6	5.4



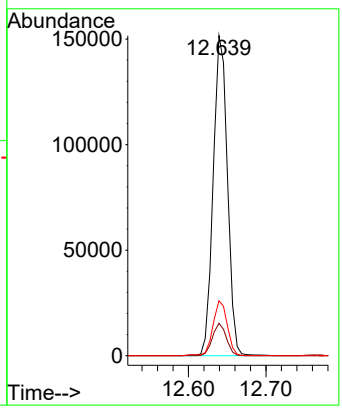


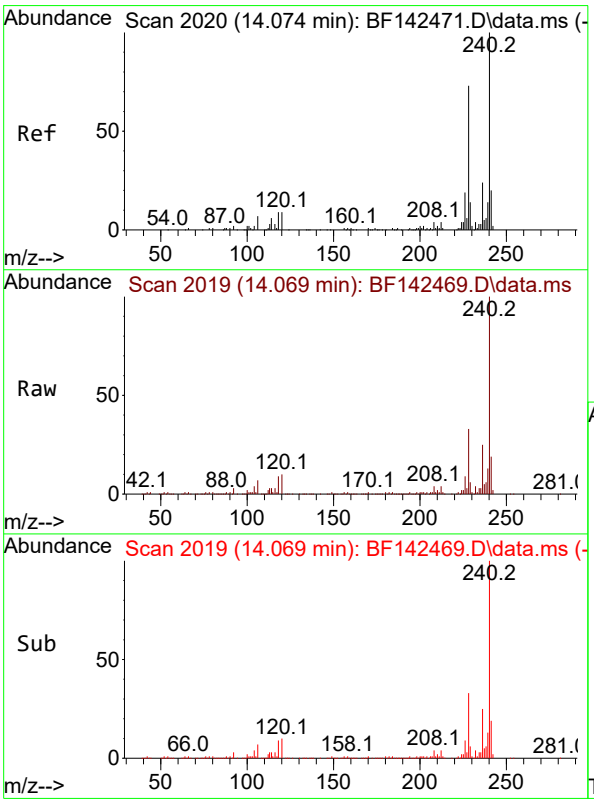
#75
Fluoranthene
Concen: 10.825 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 193456

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.6
203	17.2	0.0	37.2

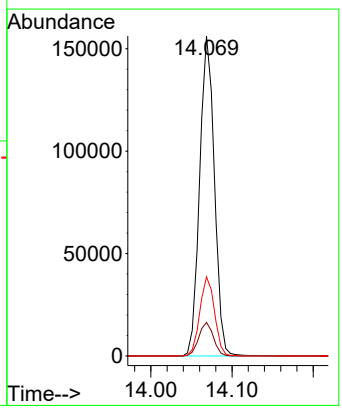


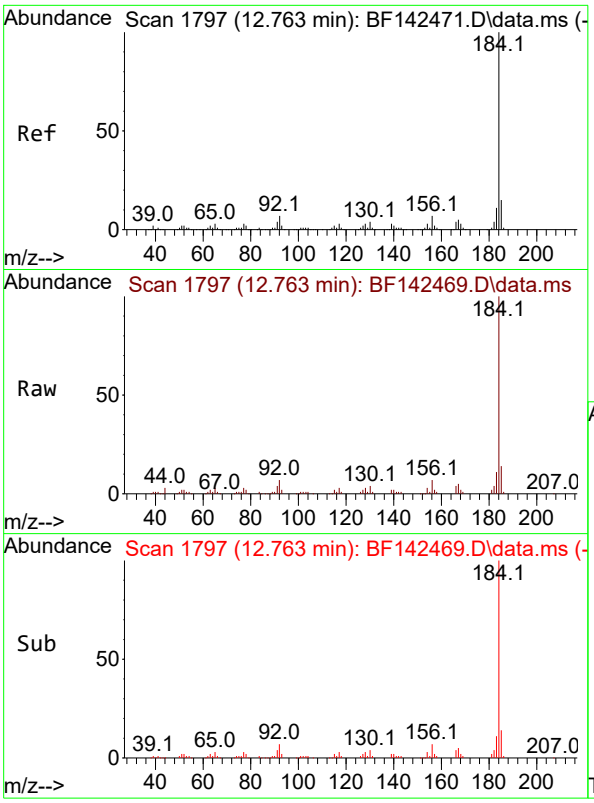


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:240 Resp: 197144

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	24.7	19.6	29.4



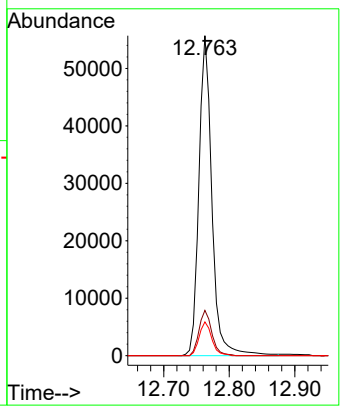


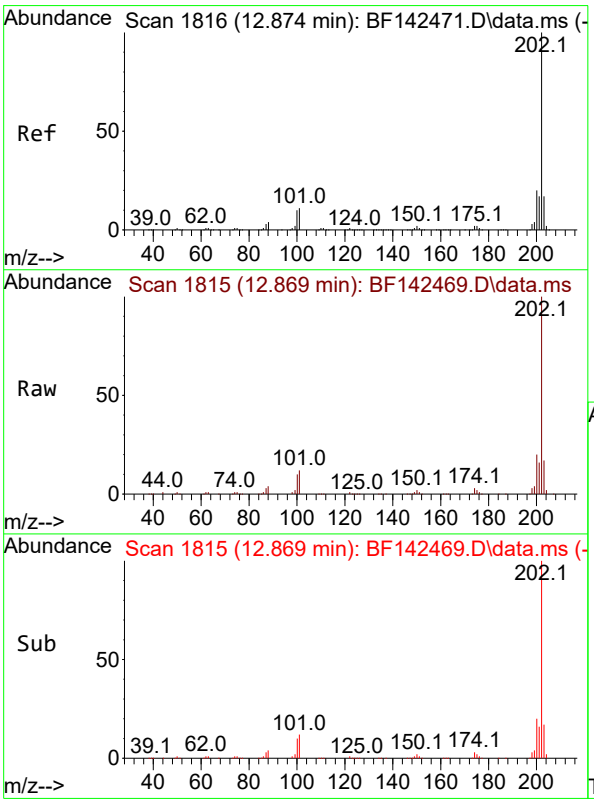
#77
Benzidine
Concen: 10.508 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 77091

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	10.6	9.0	13.4

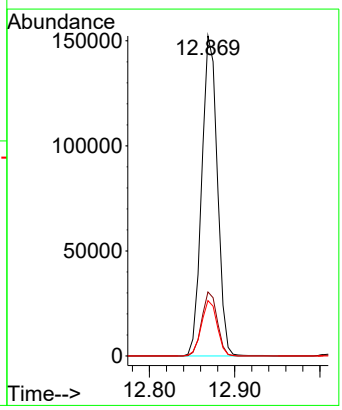


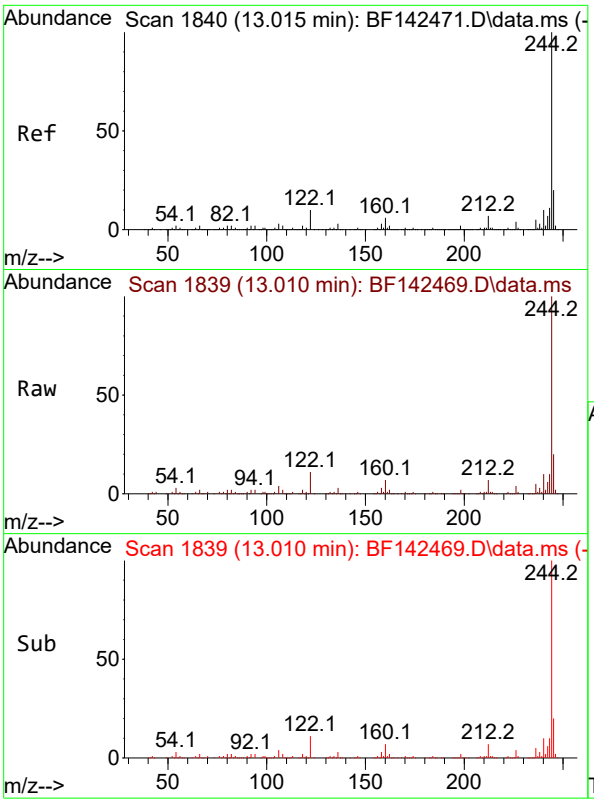


#78
Pyrene
Concen: 10.540 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:202 Resp: 193842

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.3	13.9	20.9



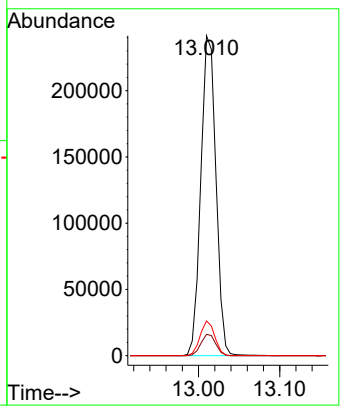


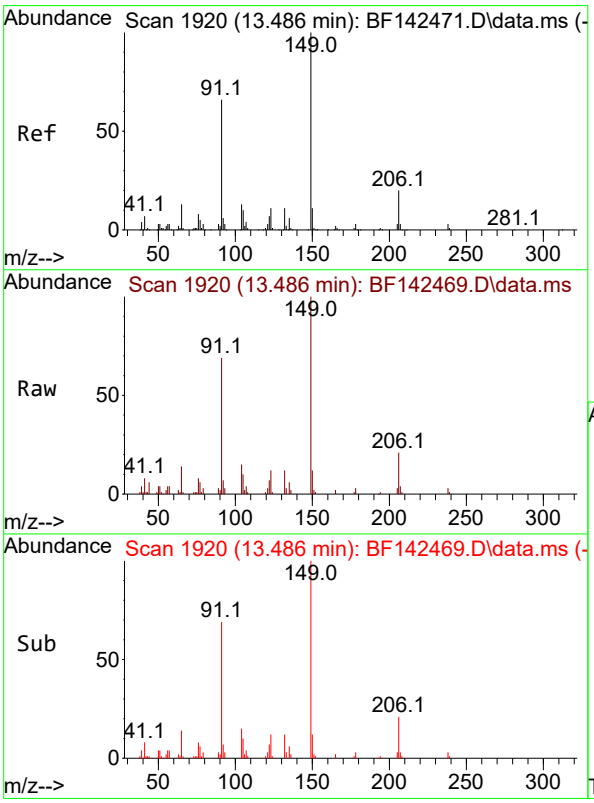
#79
Terphenyl-d14
Concen: 21.612 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 311785

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.9	8.2	12.2

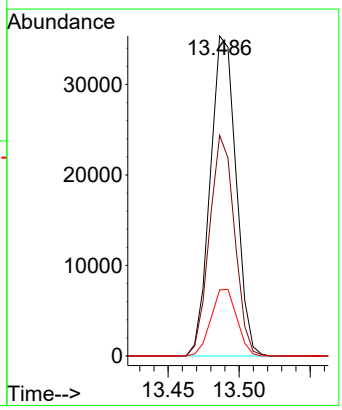


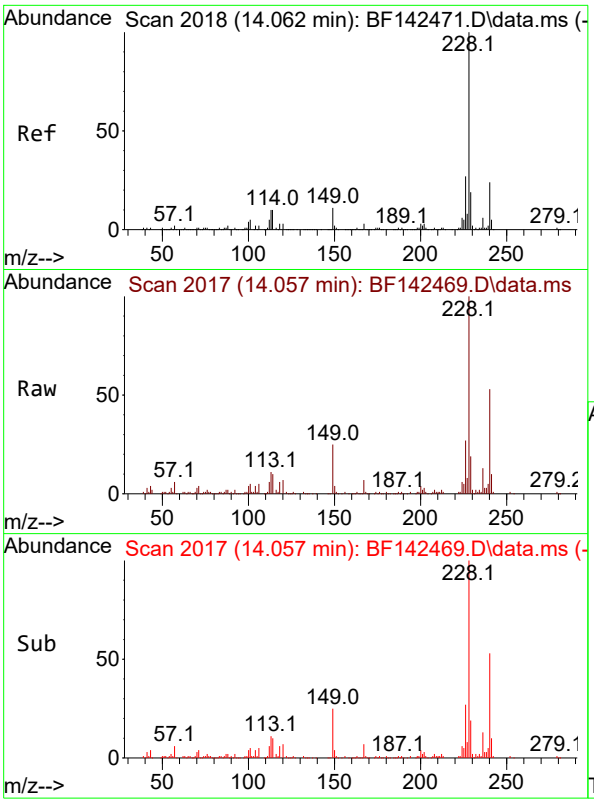


#80
Butylbenzylphthalate
Concen: 8.793 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 44682

Ion	Ratio	Lower	Upper
149	100		
91	69.0	52.9	79.3
206	20.6	16.2	24.2



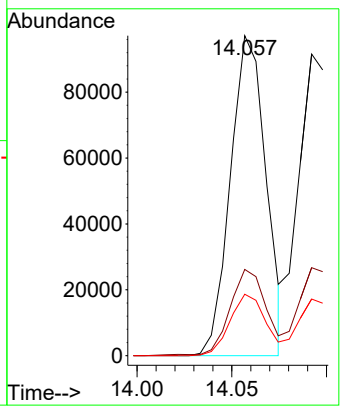


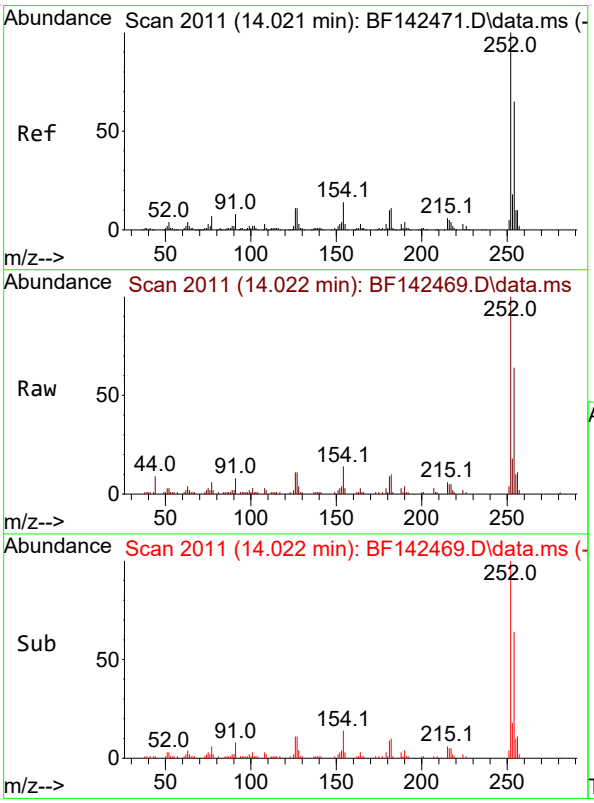
#81
Benzo(a)anthracene
Concen: 9.639 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 126886

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.2	15.5	23.3

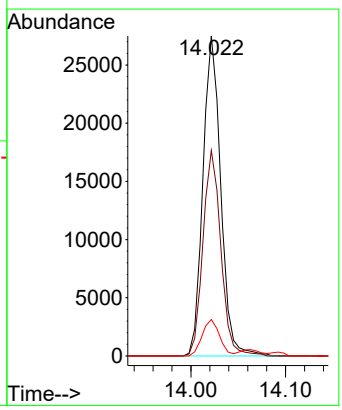


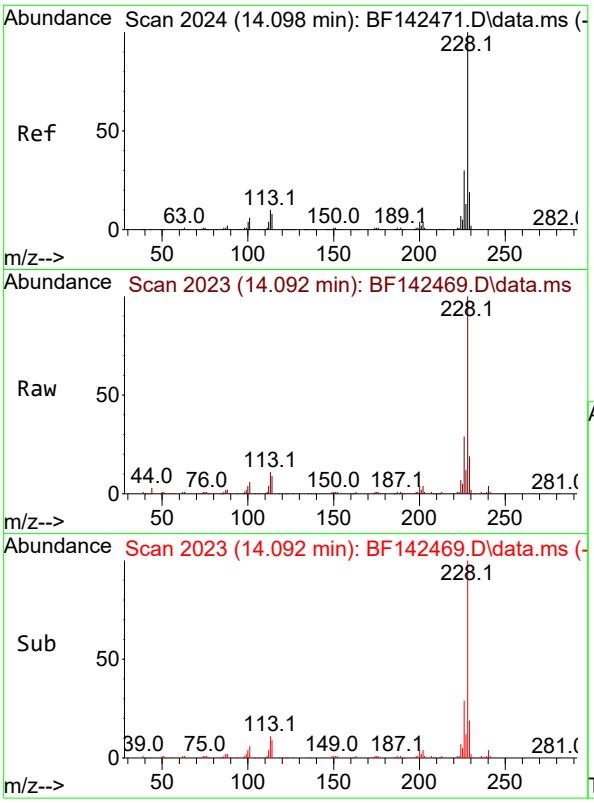


#82
3,3'-Dichlorobenzidine
Concen: 8.977 ng
RT: 14.022 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 35845

Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	11.4	8.9	13.3



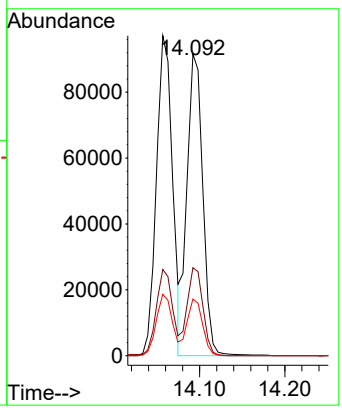


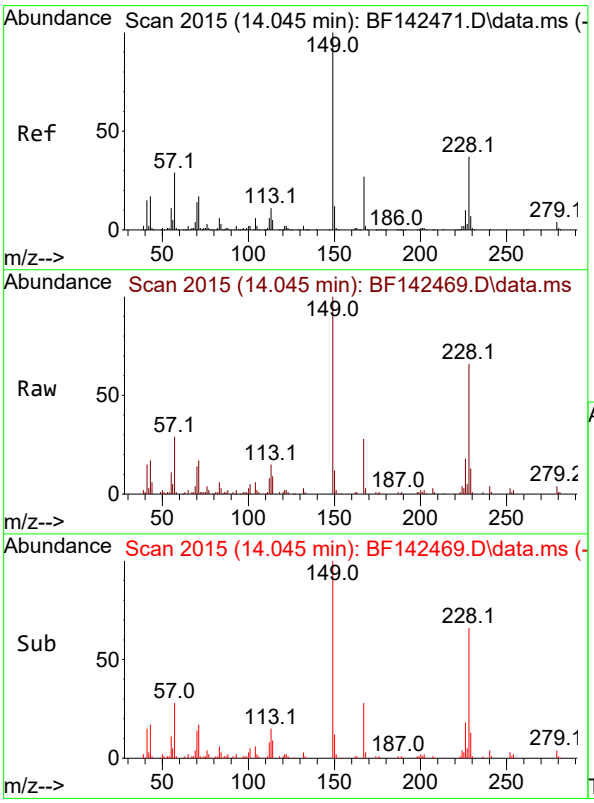
#83
Chrysene
Concen: 10.032 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 118674

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	18.8	15.4	23.2

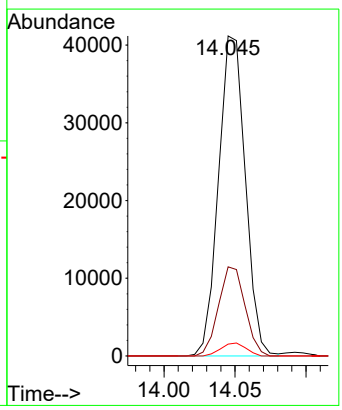


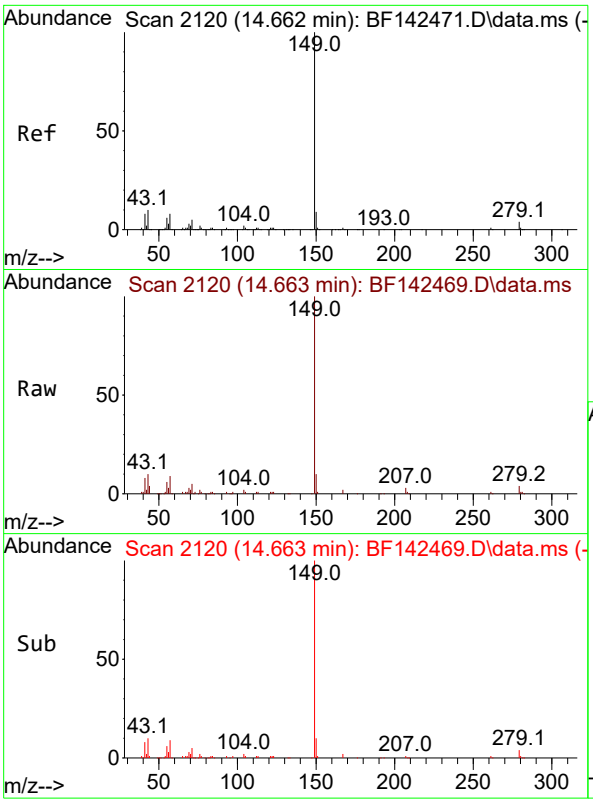


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.310 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:149 Resp: 54056

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	3.7	3.2	4.8



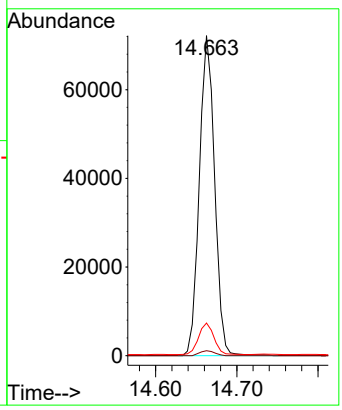


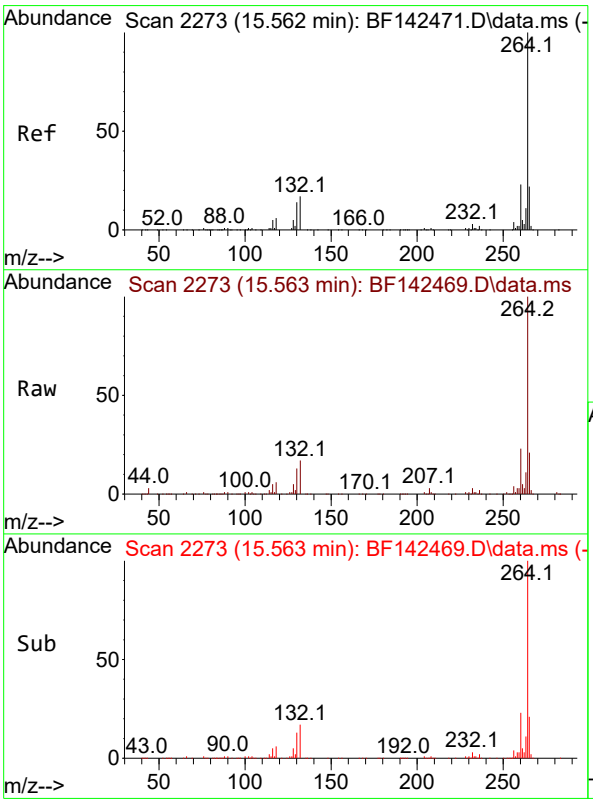
#85
Di-n-octyl phthalate
Concen: 7.425 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 94445

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

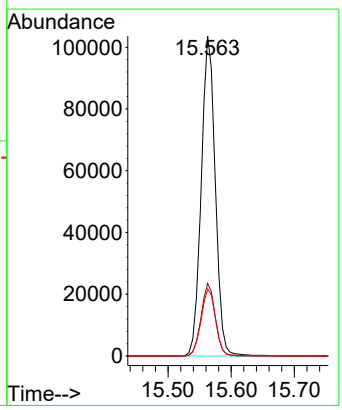


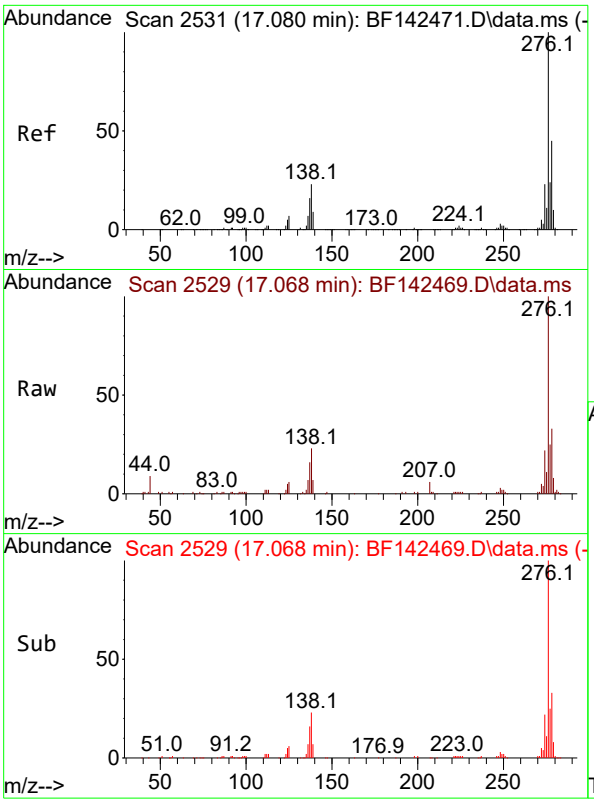


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:264 Resp: 160066

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5



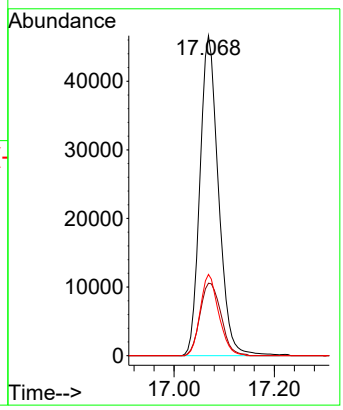


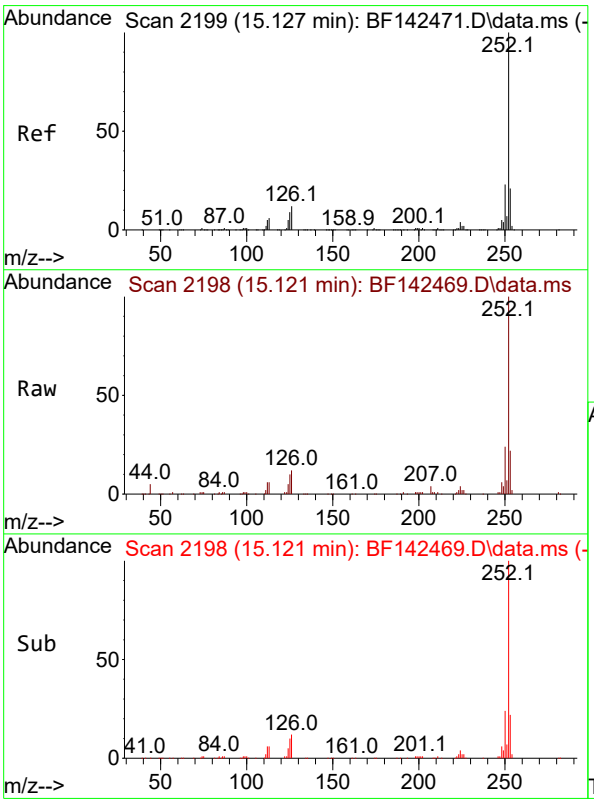
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.956 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 119642

Ion	Ratio	Lower	Upper
276	100		
138	25.8	19.9	29.9
277	25.3	20.2	30.2

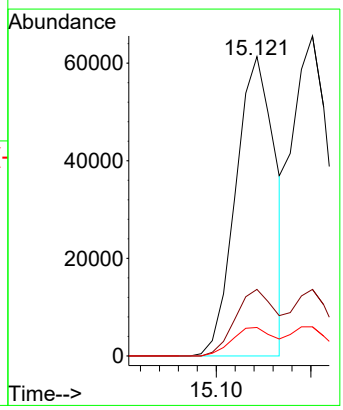


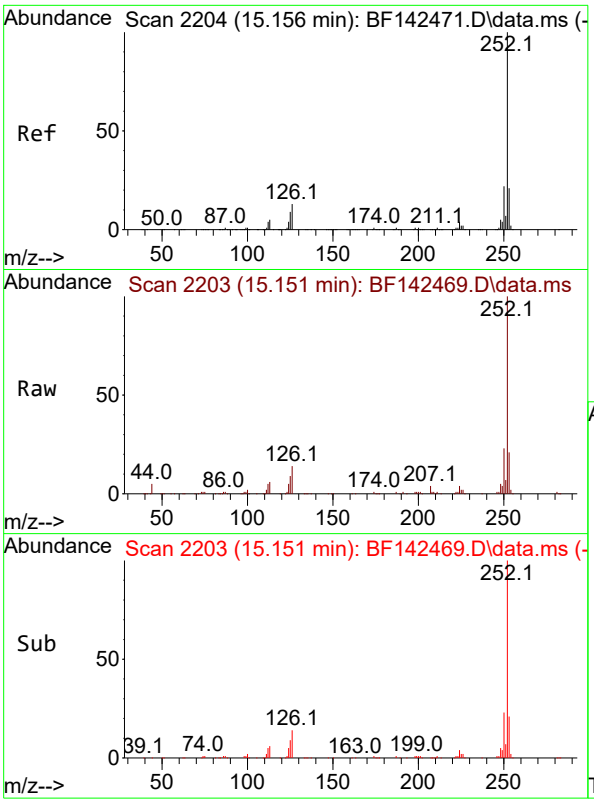


#88
Benzo(b)fluoranthene
Concen: 9.335 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 88432

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	9.5	7.4	11.0



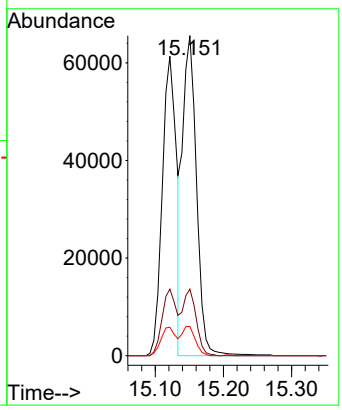


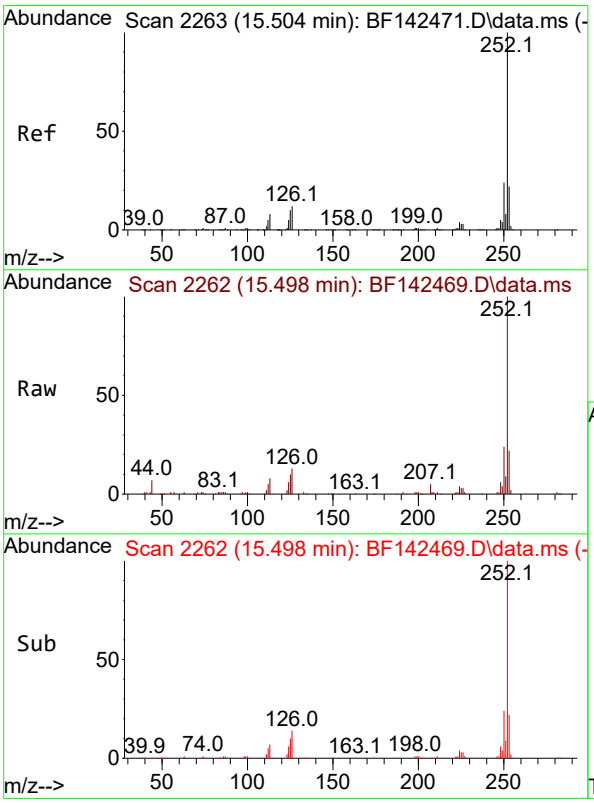
#89
Benzo(k)fluoranthene
Concen: 10.517 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 93315

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.0	25.4
125	9.1	7.3	10.9

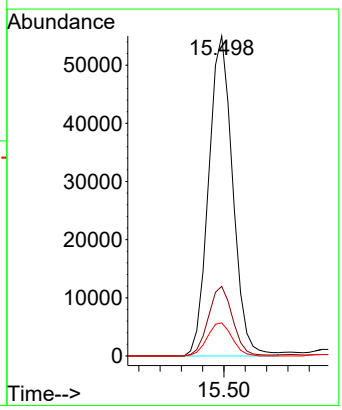


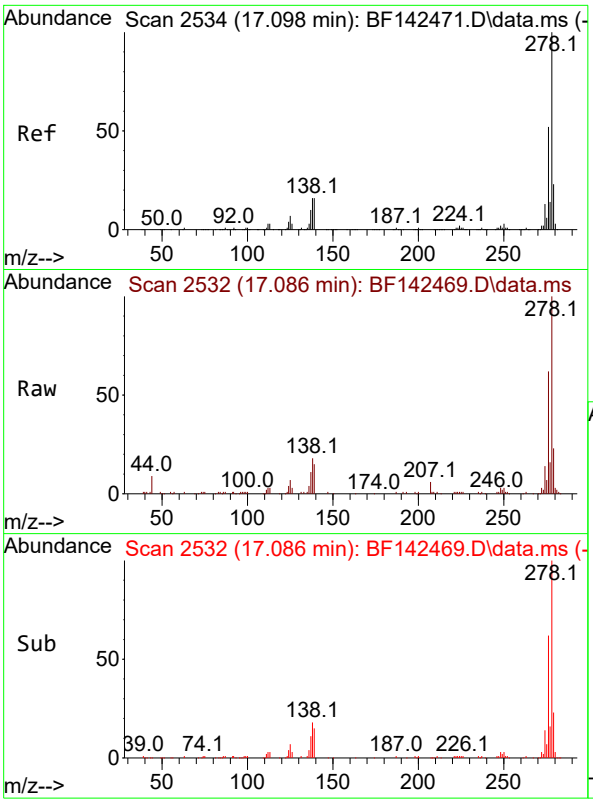


#90
Benzo(a)pyrene
Concen: 9.684 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:252 Resp: 86477

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.4	7.9	11.9



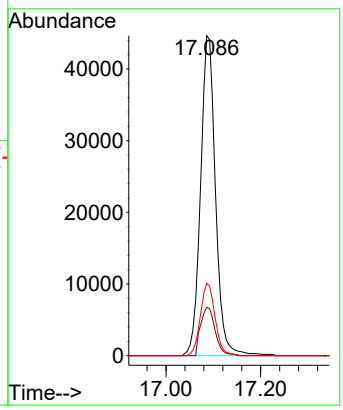


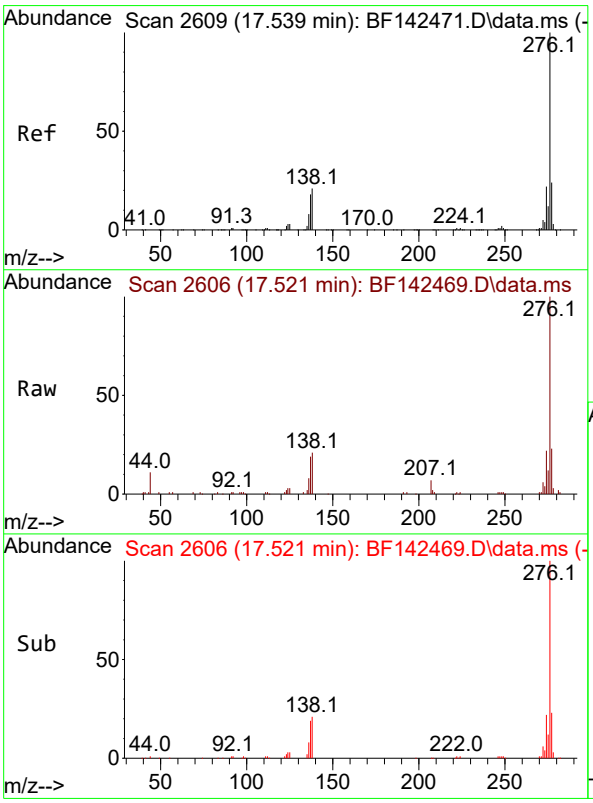
#91
Dibenzo(a,h)anthracene
Concen: 10.087 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 98308

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.8	19.2
279	22.6	18.6	28.0

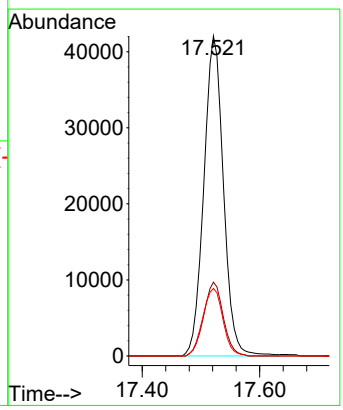




#92
Benzo(g,h,i)perylene
Concen: 10.016 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142469.D
Acq: 20 May 2025 13:07

Tgt Ion:276 Resp: 97640

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.1	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	94619	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	367495	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	204113	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	353003	20.000	ng	0.00
76) Chrysene-d12	14.068	240	179495	20.000	ng	0.00
86) Perylene-d12	15.563	264	165092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	231731	41.261	ng	-0.01
7) Phenol-d6	6.516	99	276122	40.843	ng	-0.02
23) Nitrobenzene-d5	7.463	82	278514	41.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	95535	42.171	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	635813	41.799	ng	-0.01
79) Terphenyl-d14	13.016	244	596097	45.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	44822	19.944	ng	99
3) Pyridine	3.440	79	114685	20.039	ng	99
4) n-Nitrosodimethylamine	3.375	42	59347	19.972	ng	99
6) Aniline	6.557	93	185773	20.437	ng	99
8) 2-Chlorophenol	6.681	128	124465	20.347	ng	99
9) Benzaldehyde	6.451	77	91686	22.548	ng	99
10) Phenol	6.534	94	155782	20.479	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	110538	20.187	ng	99
12) 1,3-Dichlorobenzene	6.840	146	139347	20.414	ng	100
13) 1,4-Dichlorobenzene	6.916	146	141061	20.515	ng	99
14) 1,2-Dichlorobenzene	7.069	146	135845	20.647	ng	99
15) Benzyl Alcohol	7.034	79	100072	20.030	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	187668	20.408	ng	100
17) 2-Methylphenol	7.145	107	97077	20.326	ng	99
18) Hexachloroethane	7.416	117	49500	20.617	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	85172	20.328	ng	99
20) 3+4-Methylphenols	7.298	107	126511	20.685	ng	95
22) Acetophenone	7.304	105	168730	20.741	ng	99
24) Nitrobenzene	7.481	77	124202	20.433	ng	99
25) Isophorone	7.716	82	227891	20.225	ng	100
26) 2-Nitrophenol	7.798	139	66130	20.361	ng	100
27) 2,4-Dimethylphenol	7.828	122	116913	20.412	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	144952	20.593	ng	98
29) 2,4-Dichlorophenol	8.034	162	106584	20.462	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	116666	20.638	ng	97
31) Naphthalene	8.204	128	374799	20.713	ng	100
32) Benzoic acid	7.910	122	64801	18.586	ng	99
33) 4-Chloroaniline	8.251	127	152901	20.853	ng	99
34) Hexachlorobutadiene	8.322	225	72441	20.523	ng	99
35) Caprolactam	8.598	113	30374	20.762	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	109793	20.567	ng	97
37) 2-Methylnaphthalene	8.898	142	237350	20.849	ng	98
38) 1-Methylnaphthalene	8.998	142	246831	20.961	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	119980	20.477	ng	100
41) Hexachlorocyclopentadiene	9.051	237	78243	19.796	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	82857	20.971	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

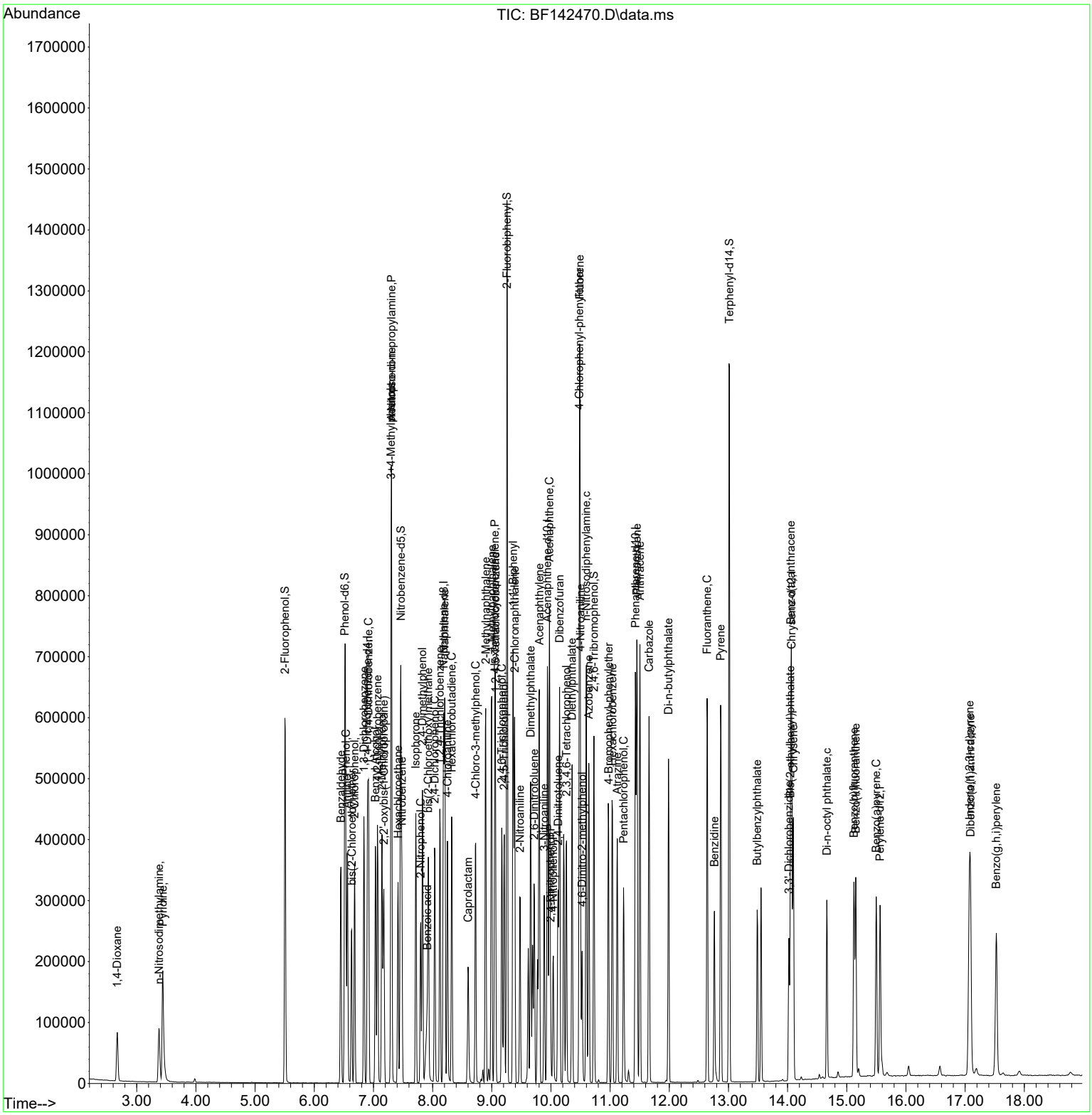
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	84935	20.383	ng		98
46) 1,1'-Biphenyl	9.363	154	325474	20.553	ng		99
47) 2-Chloronaphthalene	9.386	162	240148	20.526	ng		98
48) 2-Nitroaniline	9.475	65	69068	20.424	ng		97
49) Acenaphthylene	9.804	152	413782	20.945	ng		100
50) Dimethylphthalate	9.657	163	279113	20.724	ng		100
51) 2,6-Dinitrotoluene	9.716	165	59031	20.308	ng		97
52) Acenaphthene	9.975	154	250487	20.764	ng		98
53) 3-Nitroaniline	9.886	138	66847	21.055	ng		99
54) 2,4-Dinitrophenol	9.992	184	27863	18.553	ng	#	70
55) Dibenzofuran	10.145	168	360936	20.792	ng		99
56) 4-Nitrophenol	10.039	139	49352	21.067	ng		99
57) 2,4-Dinitrotoluene	10.122	165	79063	20.827	ng		99
58) Fluorene	10.486	166	279994	20.878	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	73538	21.140	ng		99
60) Diethylphthalate	10.357	149	277325	21.084	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	137985	20.944	ng		99
62) 4-Nitroaniline	10.498	138	61856	21.481	ng		98
63) Azobenzene	10.639	77	242545	20.530	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	38757	19.673	ng		97
66) n-Nitrosodiphenylamine	10.598	169	245739	20.348	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	84406	20.222	ng		96
68) Hexachlorobenzene	11.039	284	92803	20.102	ng		98
69) Atrazine	11.122	200	65656	20.471	ng		99
70) Pentachlorophenol	11.227	266	52525	20.152	ng		99
71) Phenanthrene	11.451	178	388317	20.584	ng		100
72) Anthracene	11.504	178	396704	20.604	ng		99
73) Carbazole	11.657	167	346558	21.055	ng		99
74) Di-n-butylphthalate	11.986	149	382324	21.221	ng		100
75) Fluoranthene	12.639	202	371226	21.059	ng		99
77) Benzidine	12.763	184	162031	24.258	ng		99
78) Pyrene	12.869	202	370789	22.144	ng		99
80) Butylbenzylphthalate	13.486	149	94290	20.379	ng		99
81) Benzo(a)anthracene	14.057	228	251858	21.013	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	72218	19.865	ng		99
83) Chrysene	14.098	228	214213	19.890	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	111015	18.743	ng		100
85) Di-n-octyl phthalate	14.663	149	198800	17.166	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	261271	21.080	ng		99
88) Benzo(b)fluoranthene	15.121	252	213487	21.849	ng		99
89) Benzo(k)fluoranthene	15.151	252	170316	18.611	ng		100
90) Benzo(a)pyrene	15.498	252	183983	19.976	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	210557	20.946	ng		99
92) Benzo(g,h,i)perylene	17.527	276	209719	20.859	ng		98

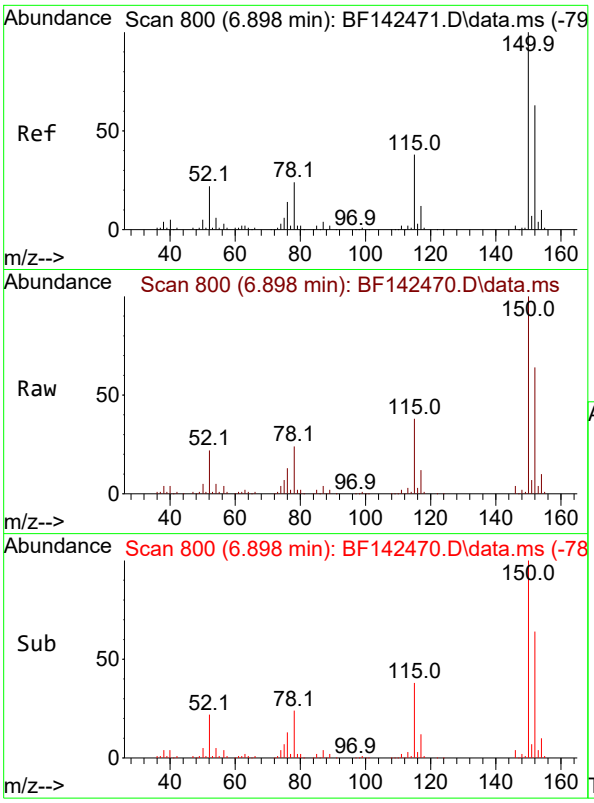
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142470.D
Acq On : 20 May 2025 13:36
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: May 20 16:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



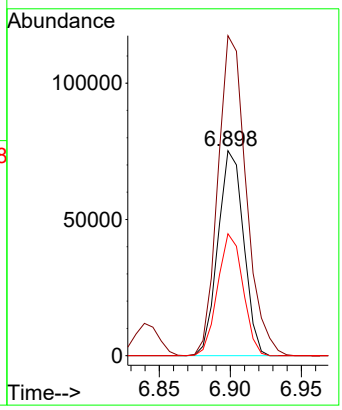


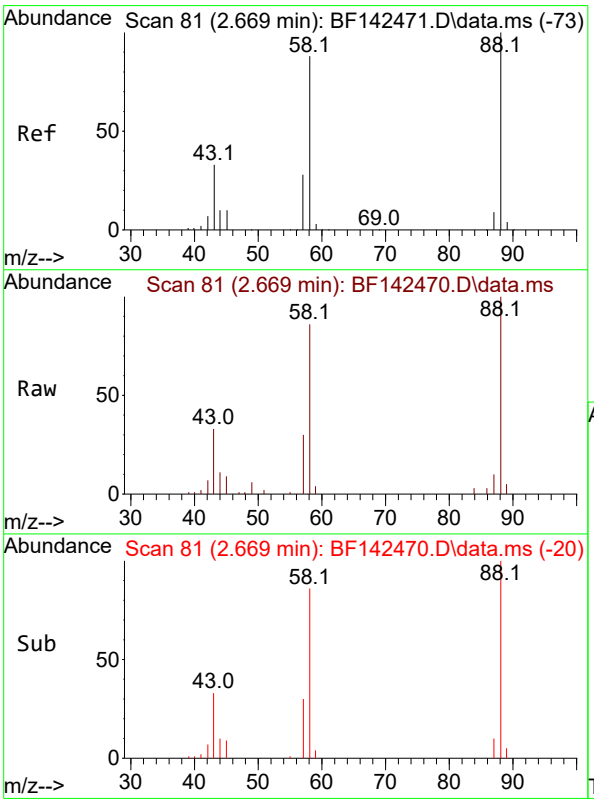
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 94619

Ion	Ratio	Lower	Upper
152	100		
150	156.2	128.2	192.4
115	59.5	48.3	72.5

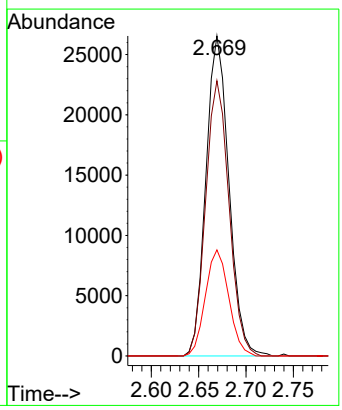


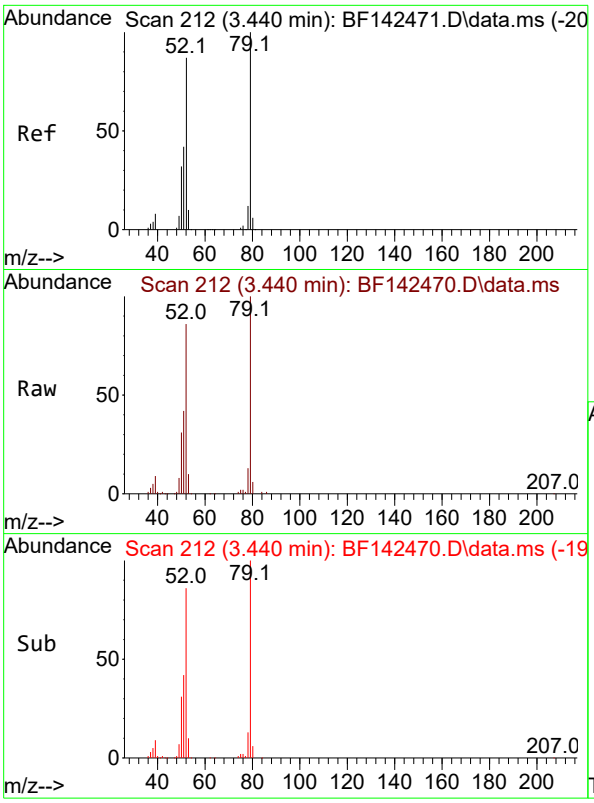


#2
1,4-Dioxane
Concen: 19.944 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 88 Resp: 44822

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	33.7	26.6	40.0



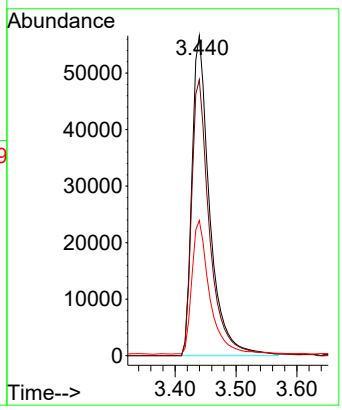


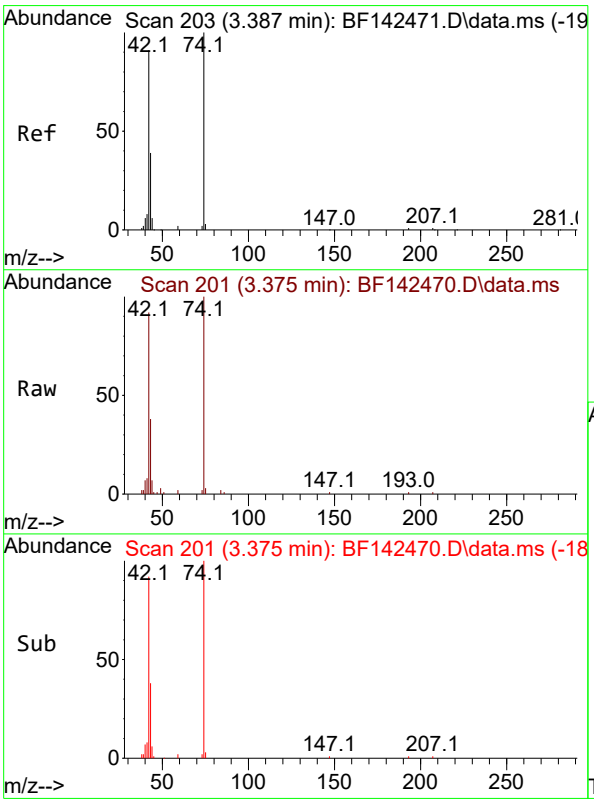
#3
Pyridine
Concen: 20.039 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 114685

Ion	Ratio	Lower	Upper
79	100		
52	86.3	69.2	103.8
51	42.3	33.3	49.9

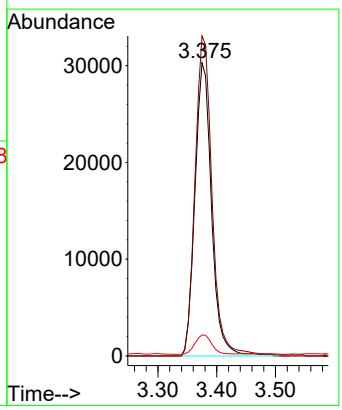


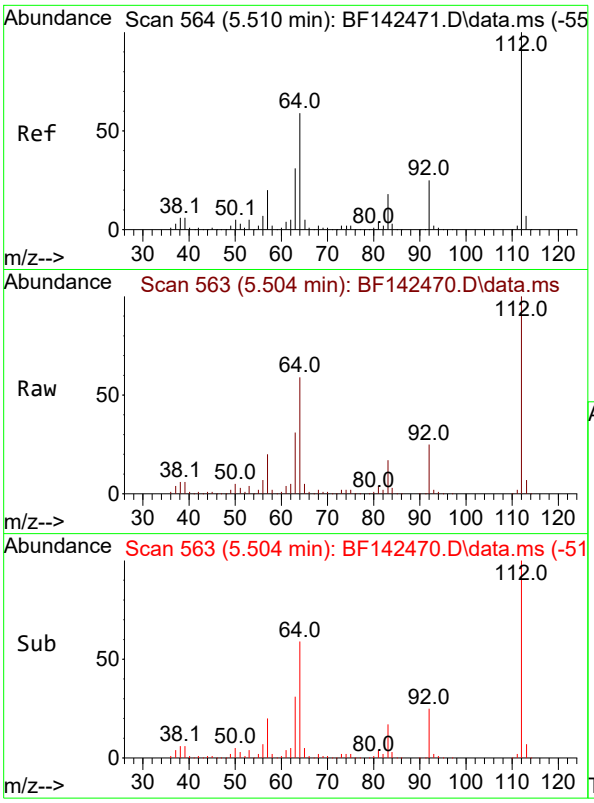


#4
n-Nitrosodimethylamine
Concen: 19.972 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 42 Resp: 59347

Ion	Ratio	Lower	Upper
42	100		
74	109.2	88.2	132.4
44	7.2	5.4	8.2



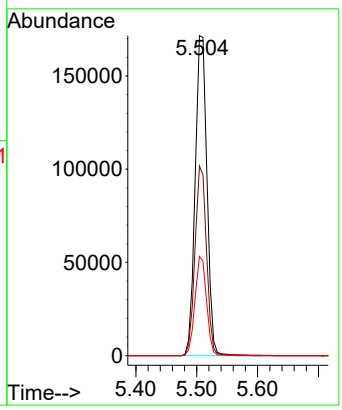


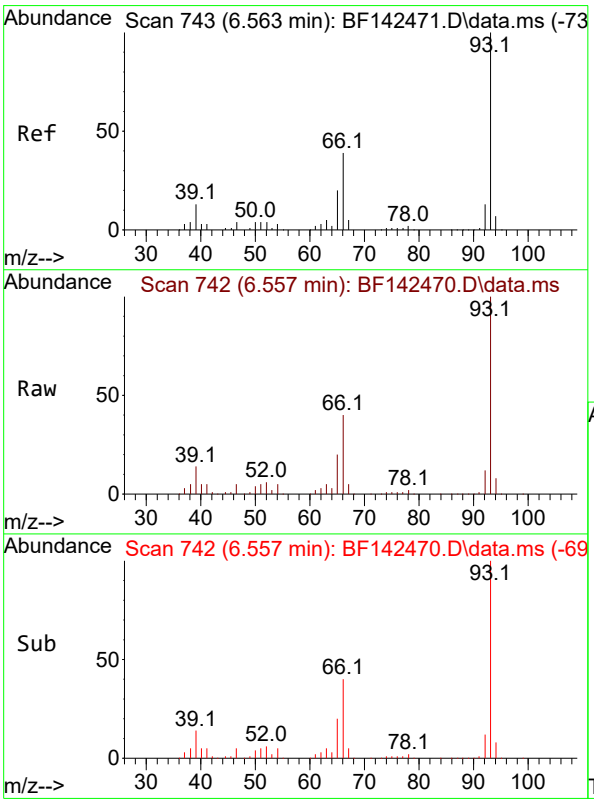
#5
2-Fluorophenol
Concen: 41.261 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 231731

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.5	71.3
63	31.0	24.9	37.3

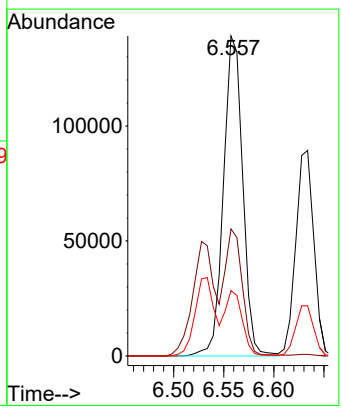


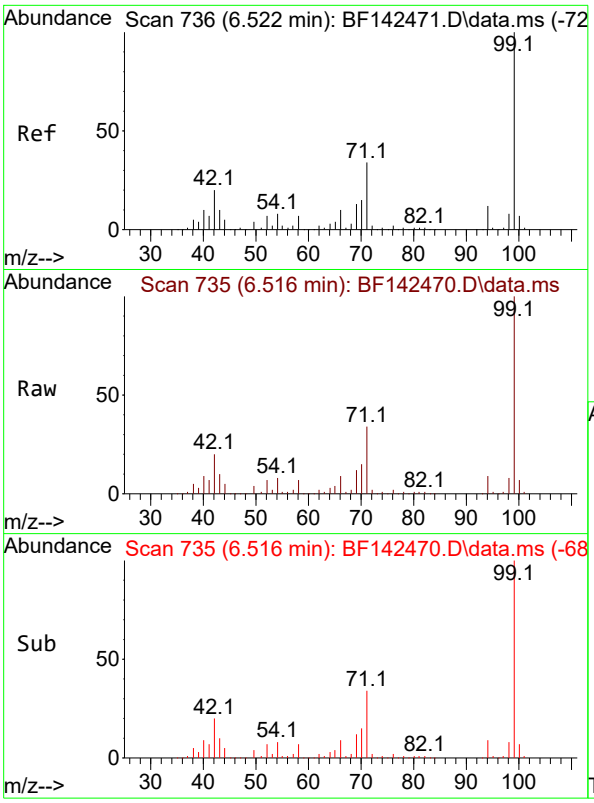


#6
Aniline
Concen: 20.437 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 93 Resp: 185773

Ion	Ratio	Lower	Upper
93	100		
66	39.7	32.0	48.0
65	20.5	16.1	24.1



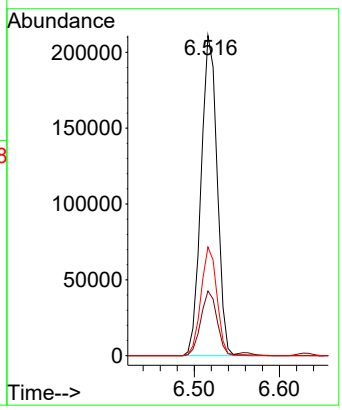


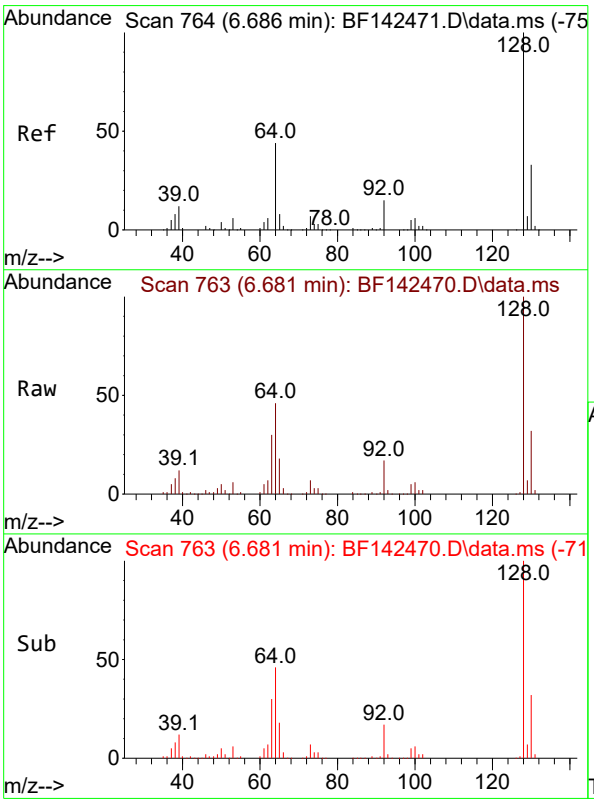
#7
Phenol-d6
Concen: 40.843 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 276122

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.0	27.3	40.9

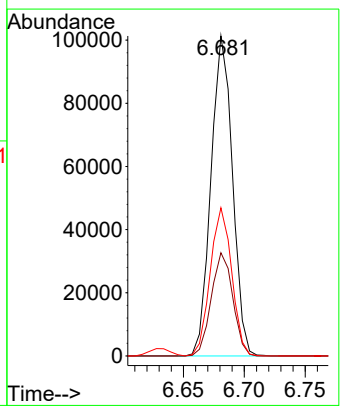


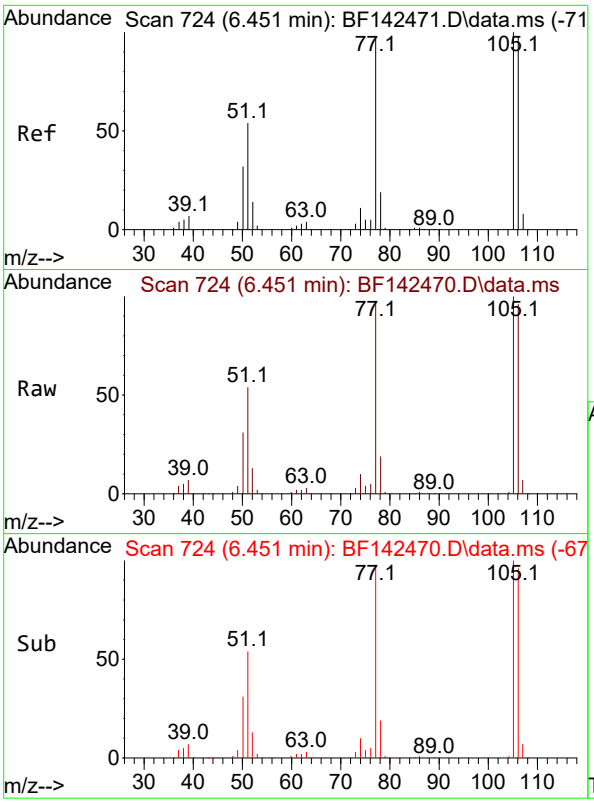


#8
2-Chlorophenol
Concen: 20.347 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:128 Resp: 124465

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.3	25.1	65.1



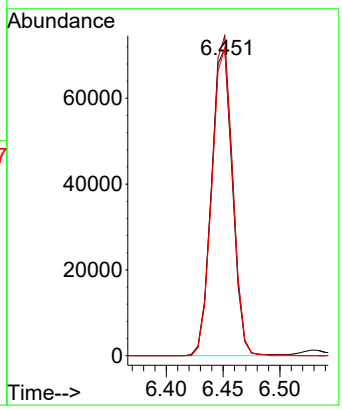


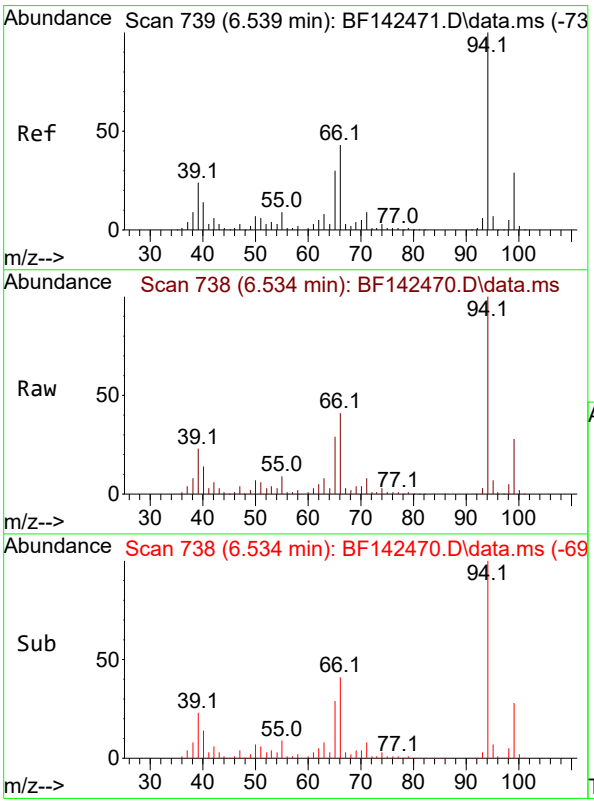
#9
Benzaldehyde
Concen: 22.548 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 91686

Ion	Ratio	Lower	Upper
77	100		
105	104.1	82.5	122.5
106	100.0	80.0	120.0

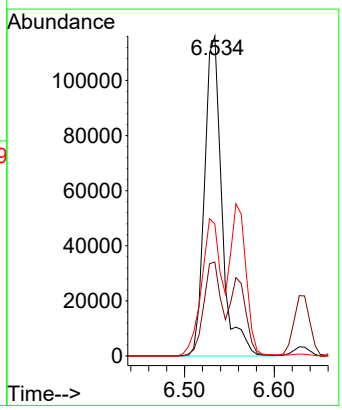


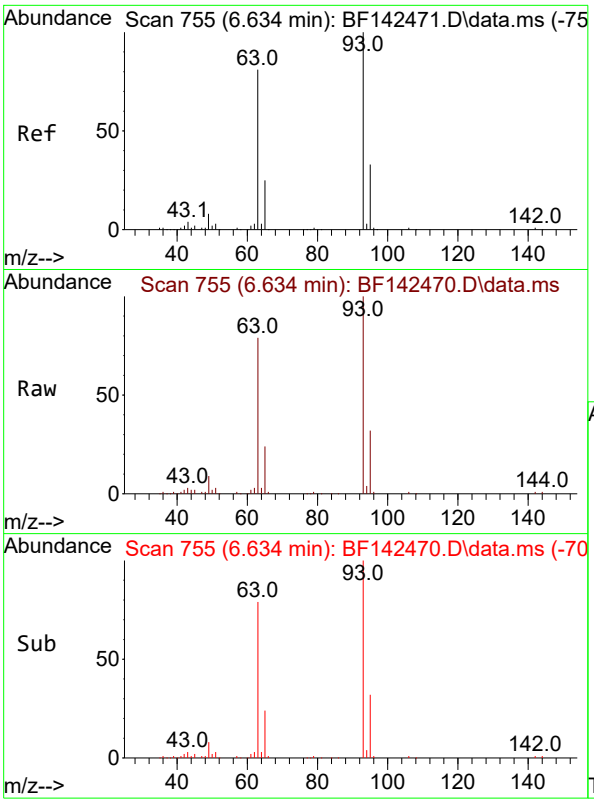


#10
Phenol
Concen: 20.479 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 94 Resp: 155782

Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.3	50.3
66	41.2	22.6	62.6



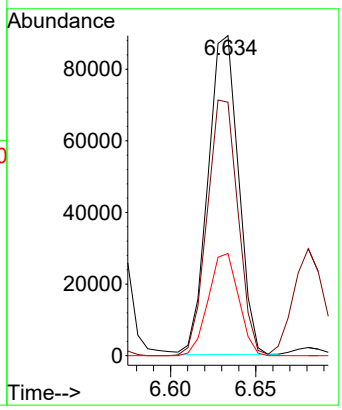


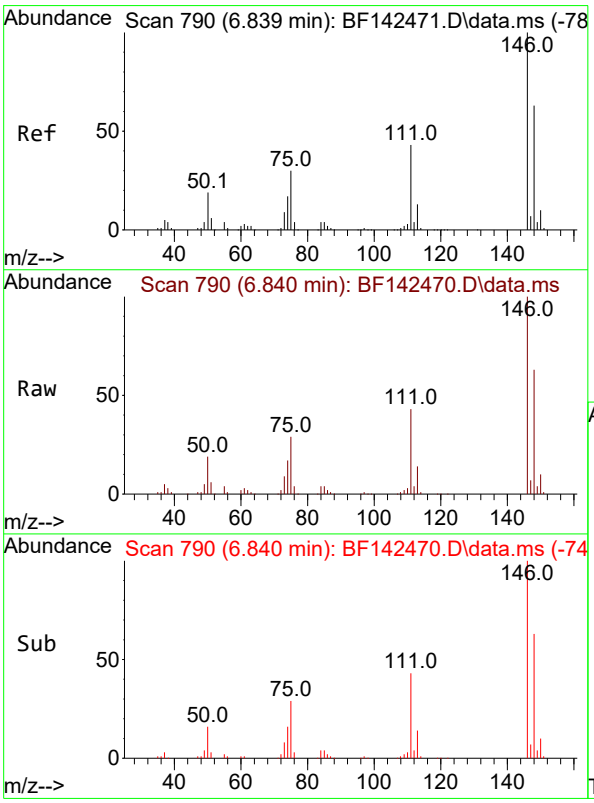
#11
bis(2-Chloroethyl)ether
Concen: 20.187 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 110538

Ion	Ratio	Lower	Upper
93	100		
63	79.2	60.2	100.2
95	32.0	12.3	52.3

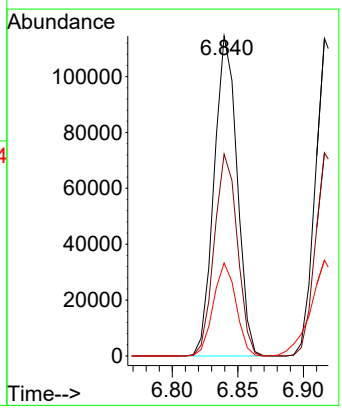


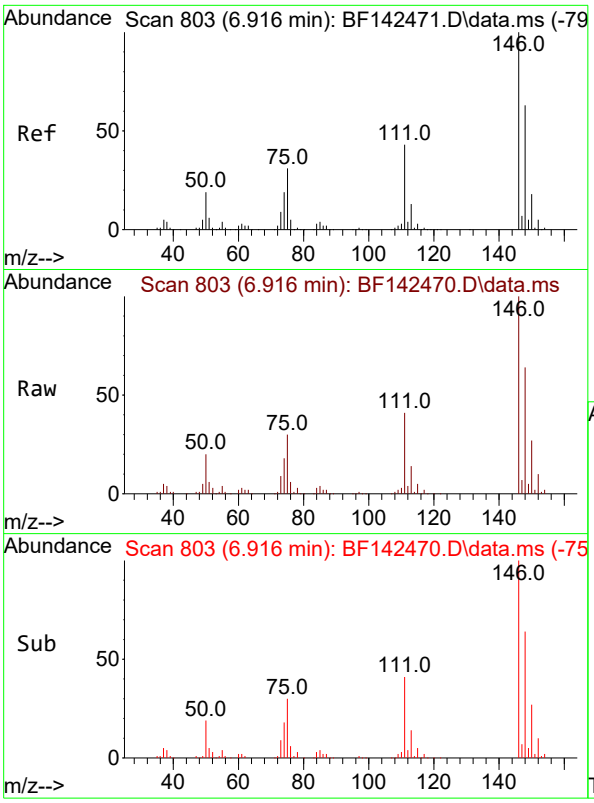


#12
1,3-Dichlorobenzene
Concen: 20.414 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:146 Resp: 139347

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
75	29.0	23.8	35.6



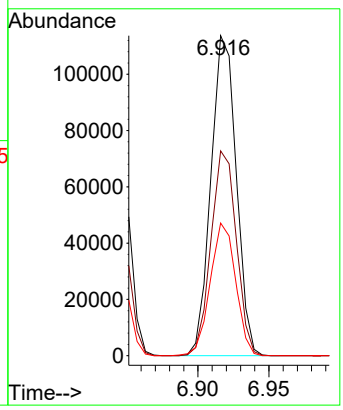


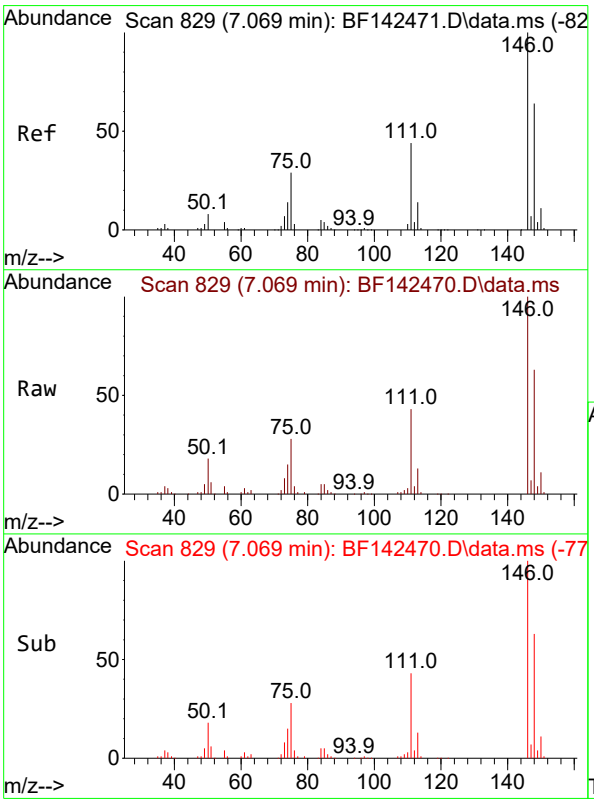
#13
1,4-Dichlorobenzene
Concen: 20.515 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 141061

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.4	34.1	51.1

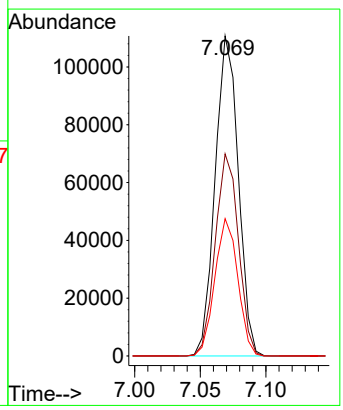


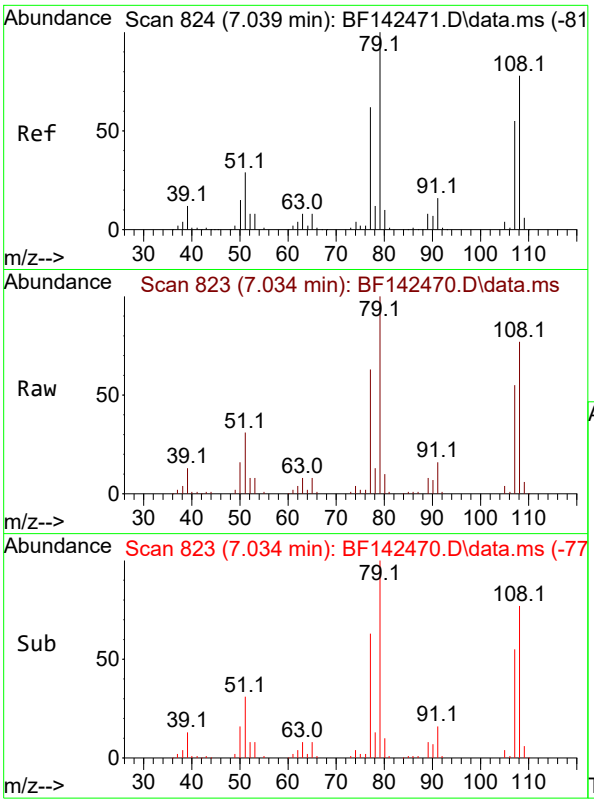


#14
1,2-Dichlorobenzene
Concen: 20.647 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:146 Resp: 135845

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	42.9	35.0	52.6



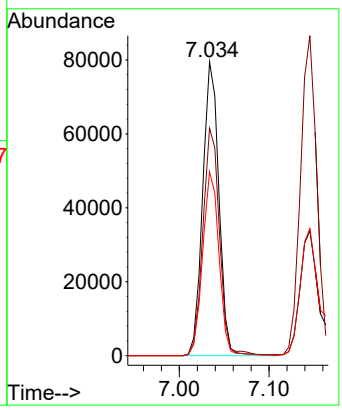


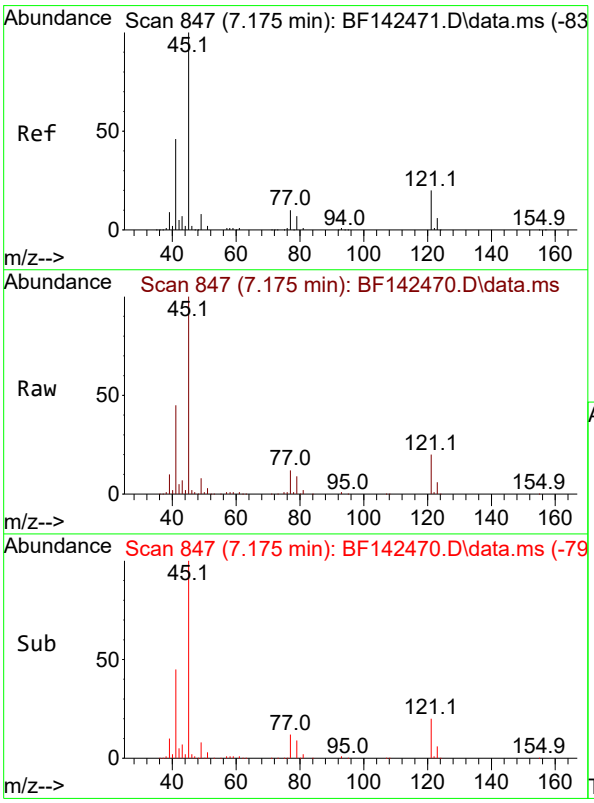
#15
Benzyl Alcohol
Concen: 20.030 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 100072

Ion	Ratio	Lower	Upper
79	100		
108	77.4	62.1	93.1
77	62.5	49.5	74.3

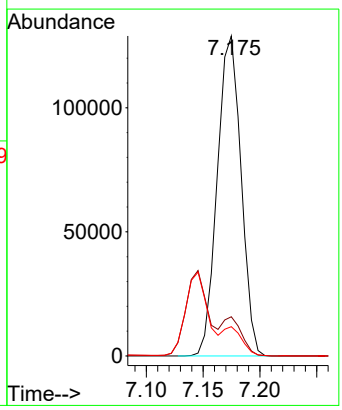


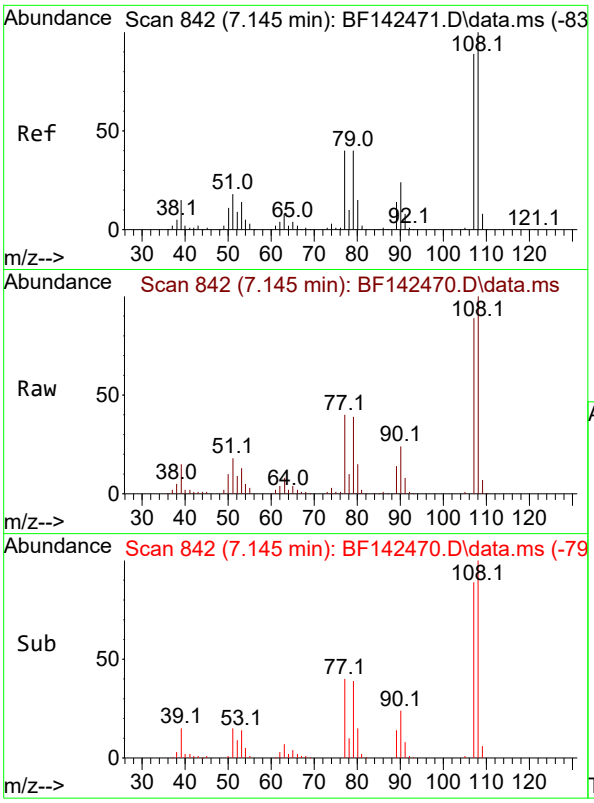


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.408 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 45 Resp: 187668

Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.0
79	9.2	0.0	29.2



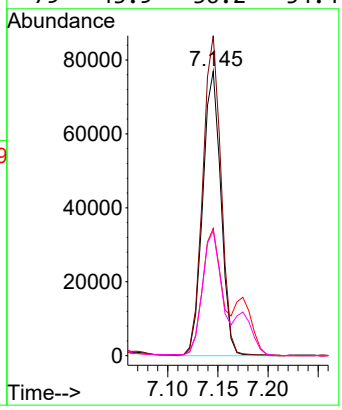


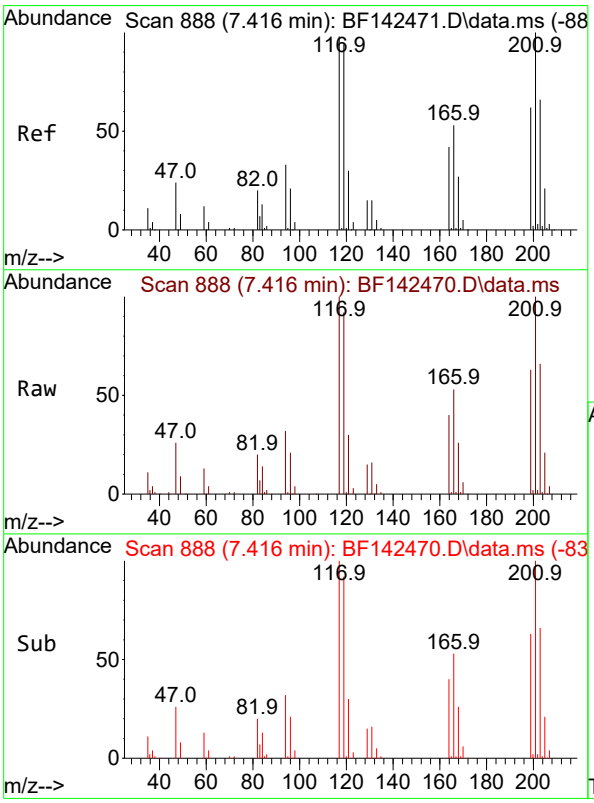
#17
2-Methylphenol
Concen: 20.326 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 97077

Ion	Ratio	Lower	Upper
107	100		
108	112.5	90.2	135.2
77	44.7	36.1	54.1
79	43.9	36.2	54.4

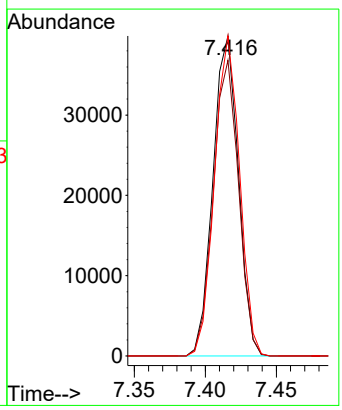


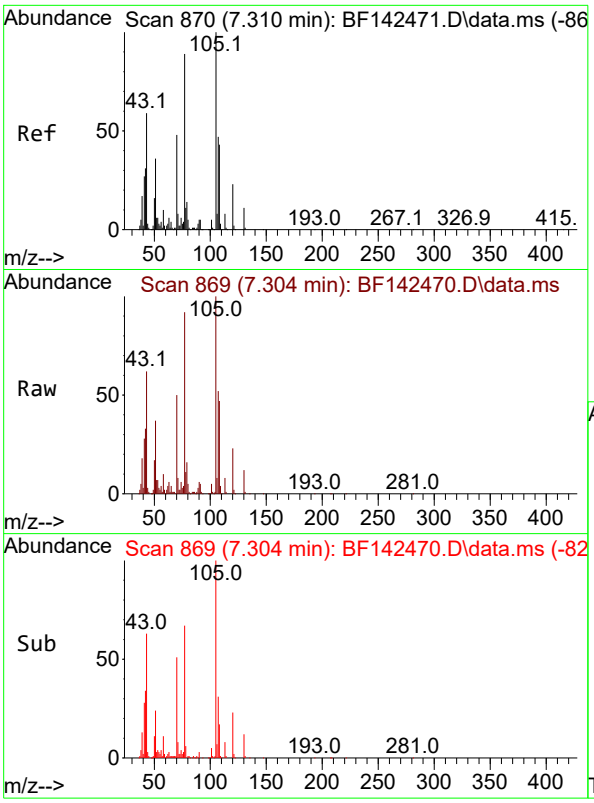


#18
Hexachloroethane
Concen: 20.617 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:117 Resp: 49500

Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.6	114.8
201	99.9	81.3	121.9



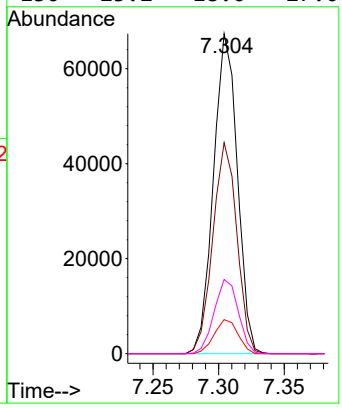


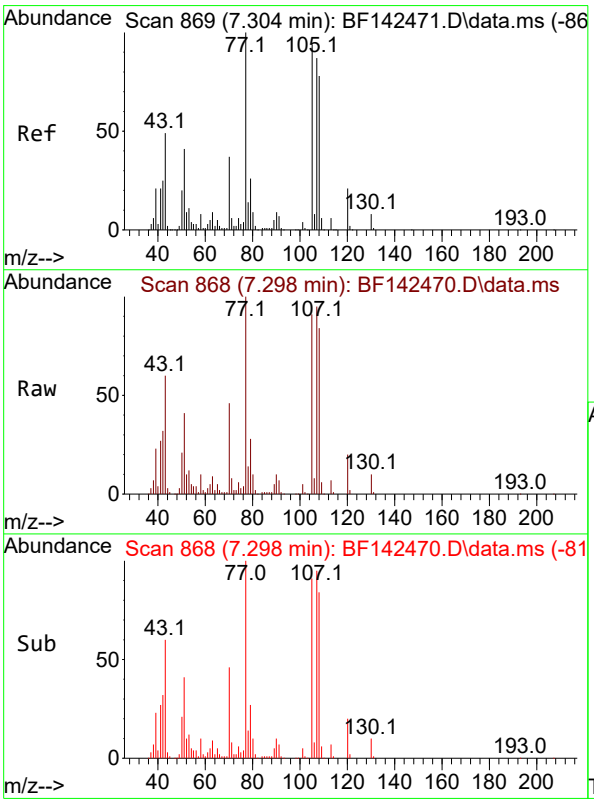
#19
n-Nitroso-di-n-propylamine
Concen: 20.328 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 85172

Ion	Ratio	Lower	Upper
70	100		
42	66.0	52.4	78.6
101	10.7	7.8	11.8
130	23.2	18.0	27.0

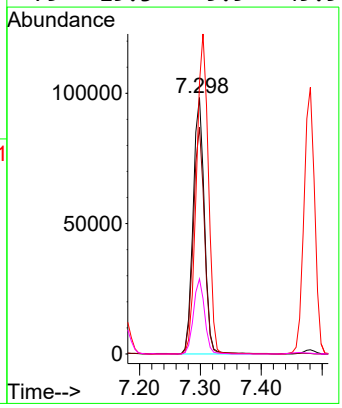


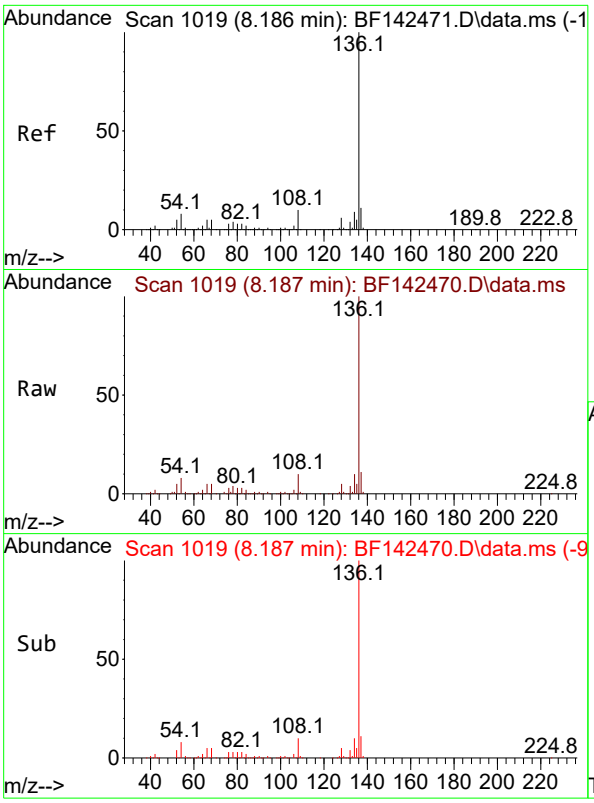


#20
3+4-Methylphenols
Concen: 20.685 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:107 Resp: 126511

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.4	110.4
77	105.7	95.4	135.4
79	29.3	9.9	49.9



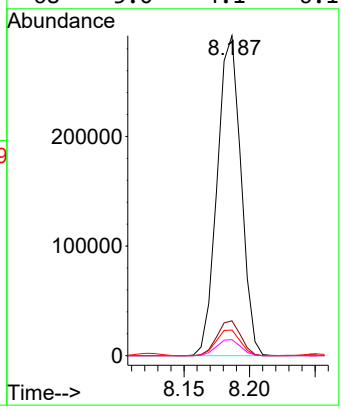


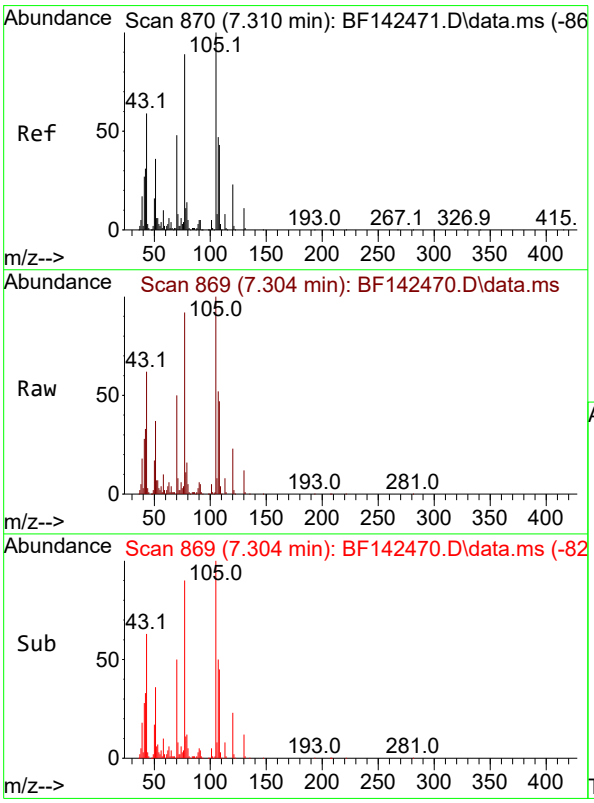
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 367495

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.0	6.6	10.0
68	5.0	4.1	6.1

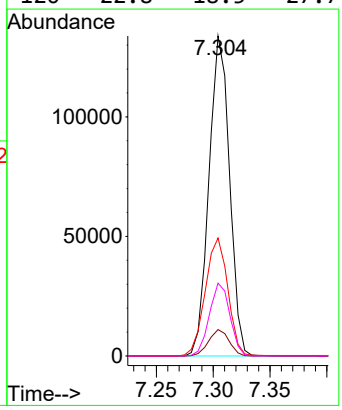


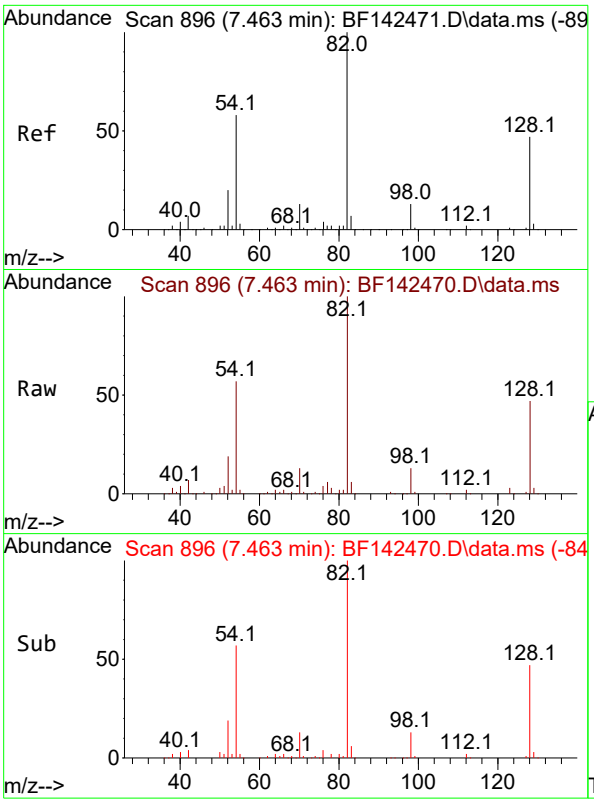


#22
Acetophenone
Concen: 20.741 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:105 Resp: 168730

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.4	9.6
51	36.9	28.6	42.8
120	22.8	18.5	27.7



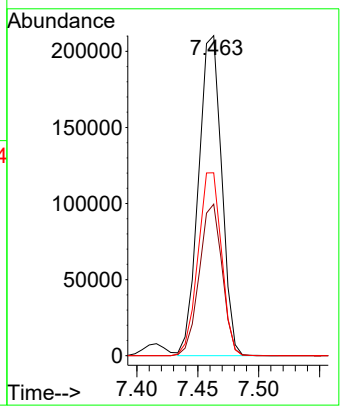


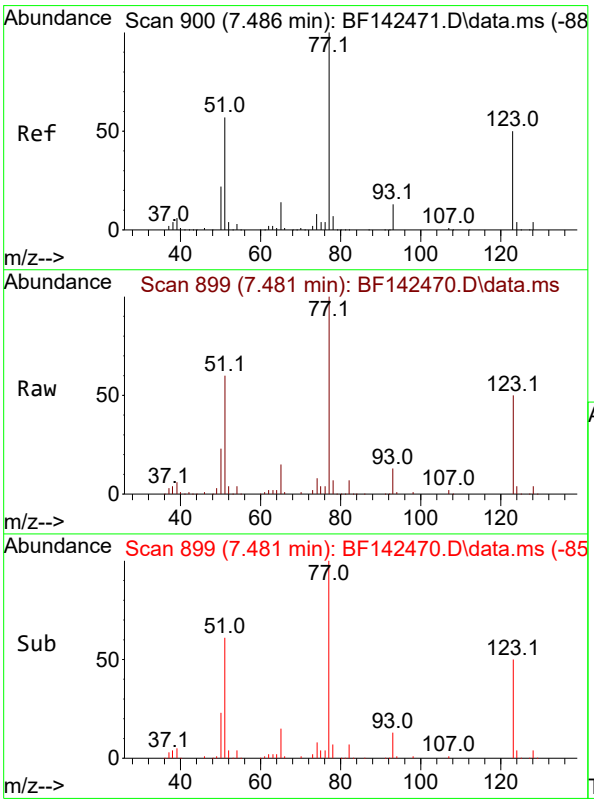
#23
Nitrobenzene-d5
Concen: 41.326 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 278514

Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.4	56.2
54	57.2	46.6	70.0

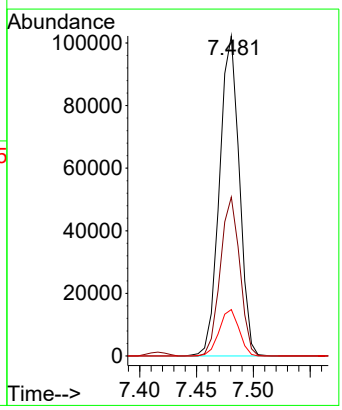


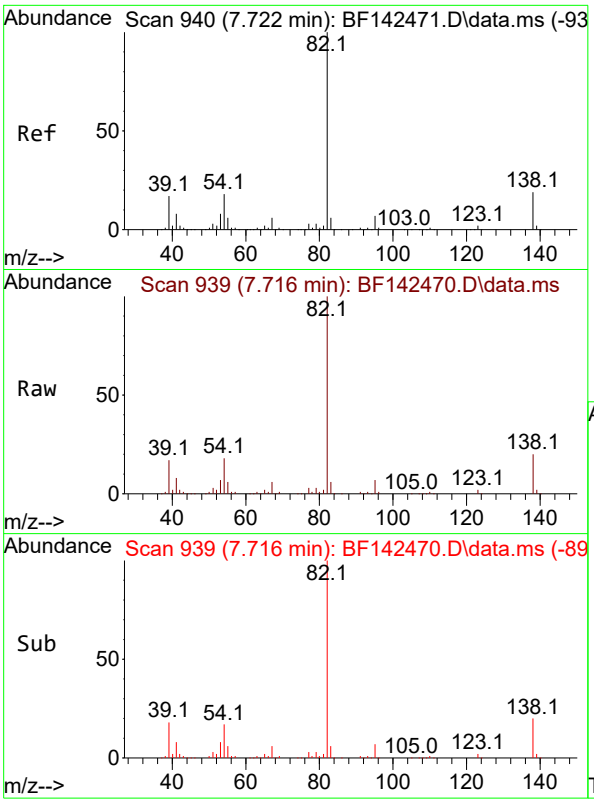


#24
Nitrobenzene
Concen: 20.433 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 77 Resp: 124202

Ion	Ratio	Lower	Upper
77	100		
123	49.6	40.6	61.0
65	14.5	11.4	17.2



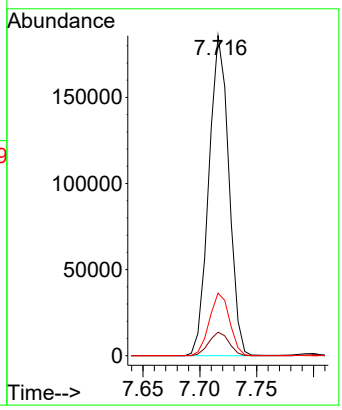


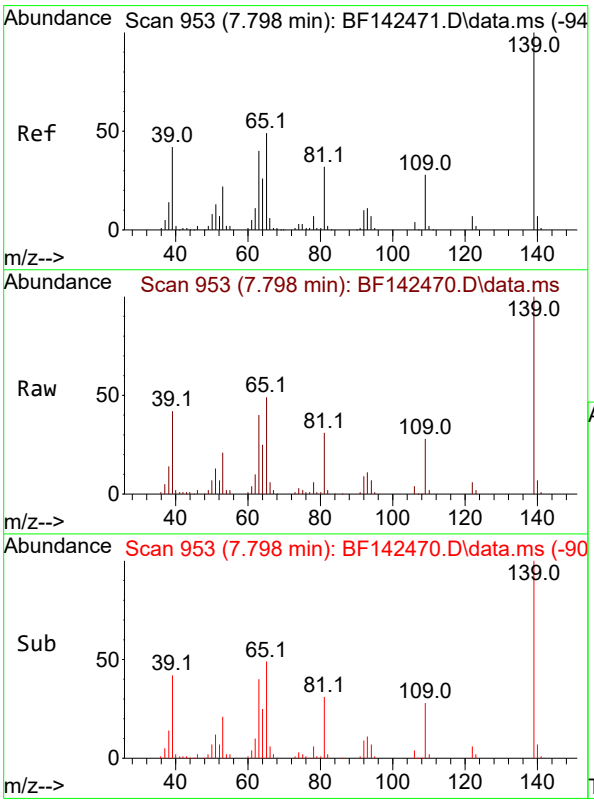
#25
Isophorone
Concen: 20.225 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 227891

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	19.6	15.5	23.3

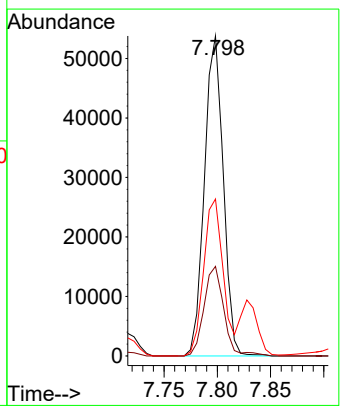


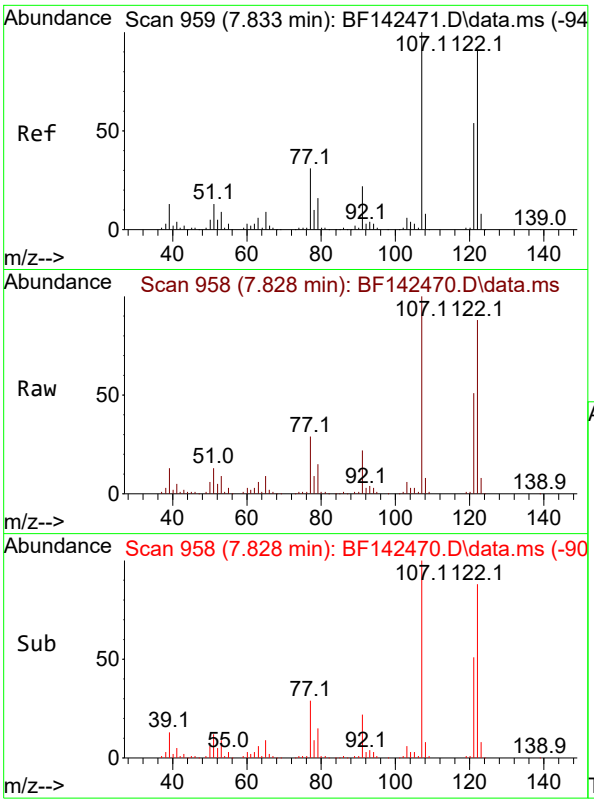


#26
2-Nitrophenol
Concen: 20.361 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:139 Resp: 66130

Ion	Ratio	Lower	Upper
139	100		
109	28.0	22.6	33.8
65	49.1	39.4	59.0



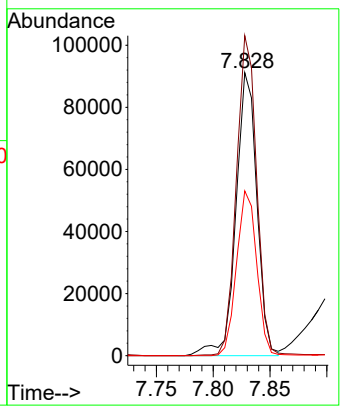


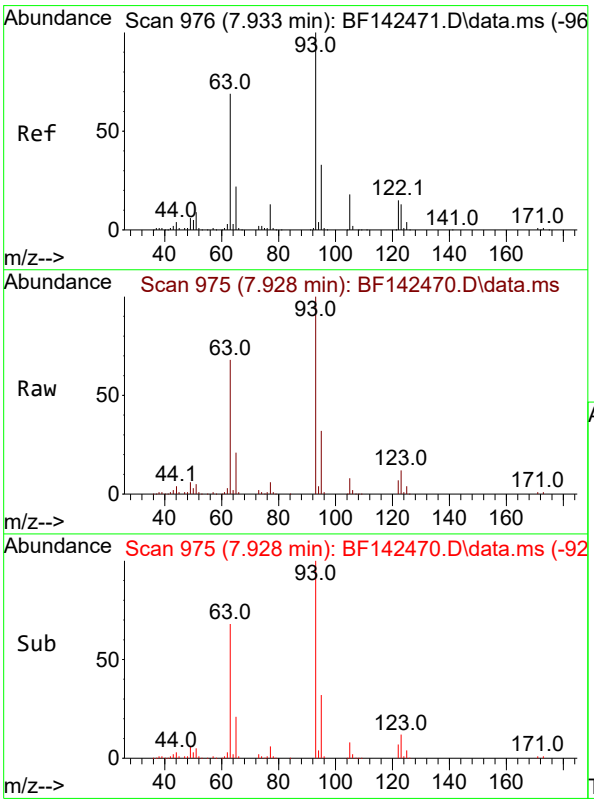
#27
2,4-Dimethylphenol
Concen: 20.412 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 116913

Ion	Ratio	Lower	Upper
122	100		
107	113.0	88.1	132.1
121	58.2	47.3	70.9

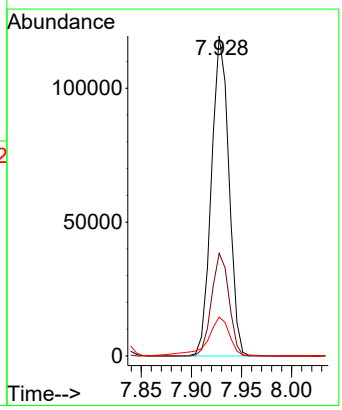


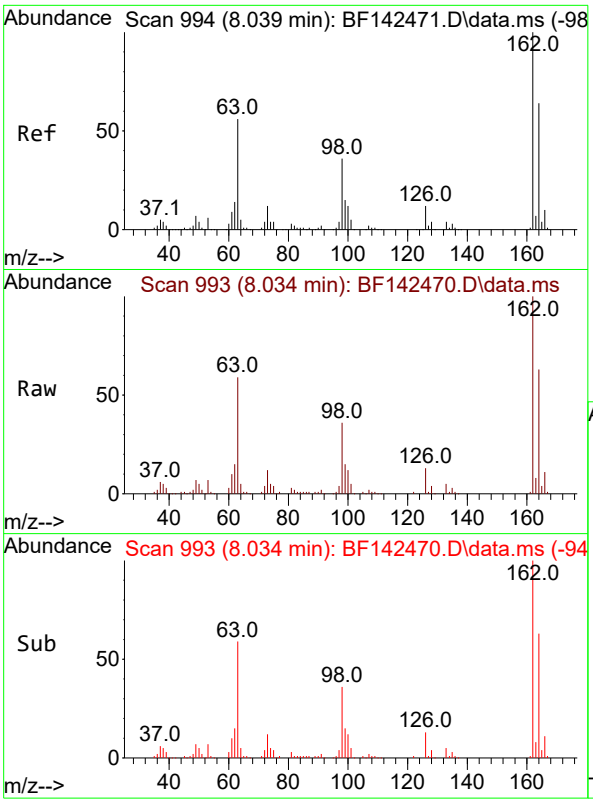


#28
bis(2-Chloroethoxy)methane
Concen: 20.593 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 93 Resp: 144952

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	12.2	10.6	15.8



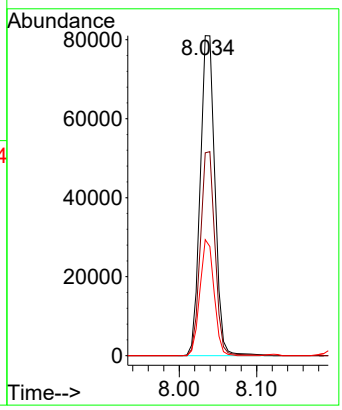


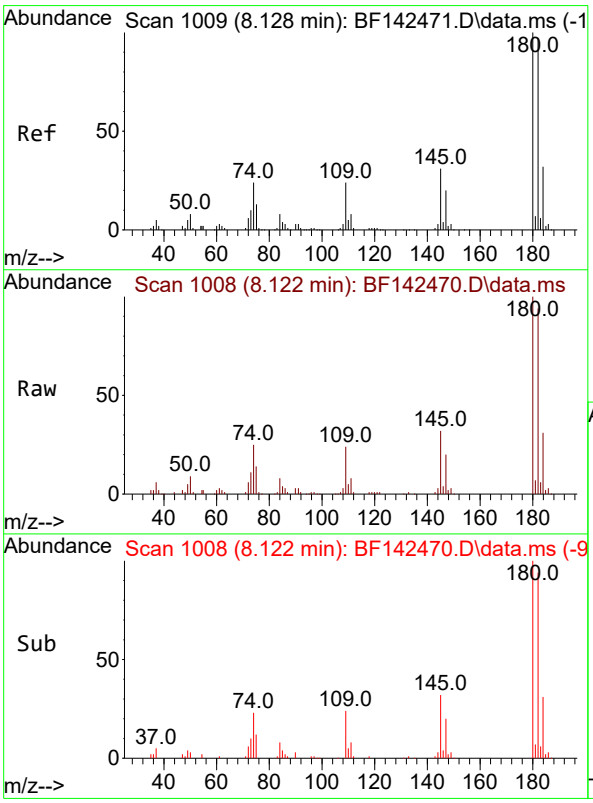
#29
2,4-Dichlorophenol
Concen: 20.462 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 106584

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.7	83.7
98	36.3	15.5	55.5

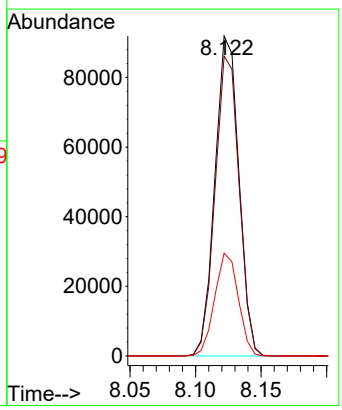


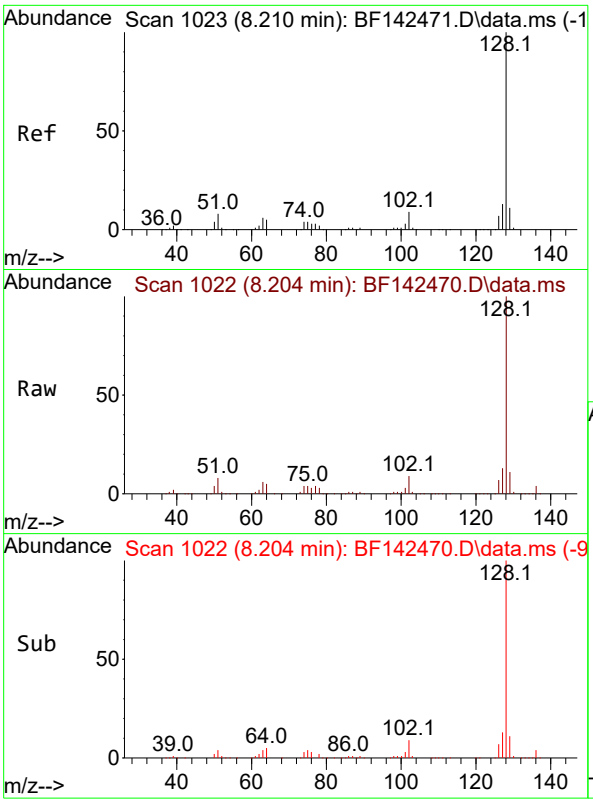


#30
1,2,4-Trichlorobenzene
Concen: 20.638 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:180 Resp: 116666

Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.0	117.0
145	32.2	25.0	37.6



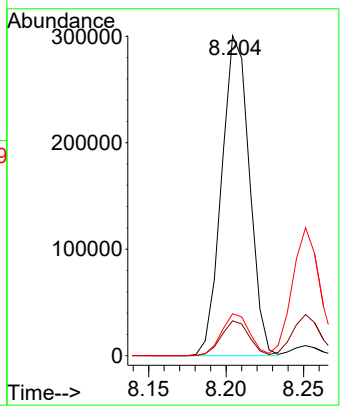


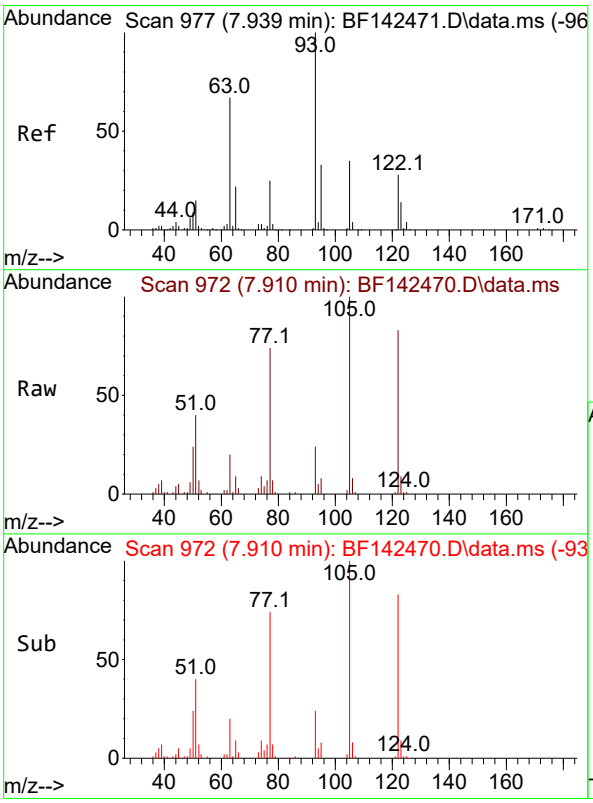
#31
Naphthalene
Concen: 20.713 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 374799

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.5	15.7

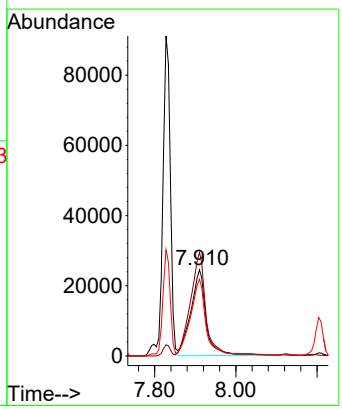


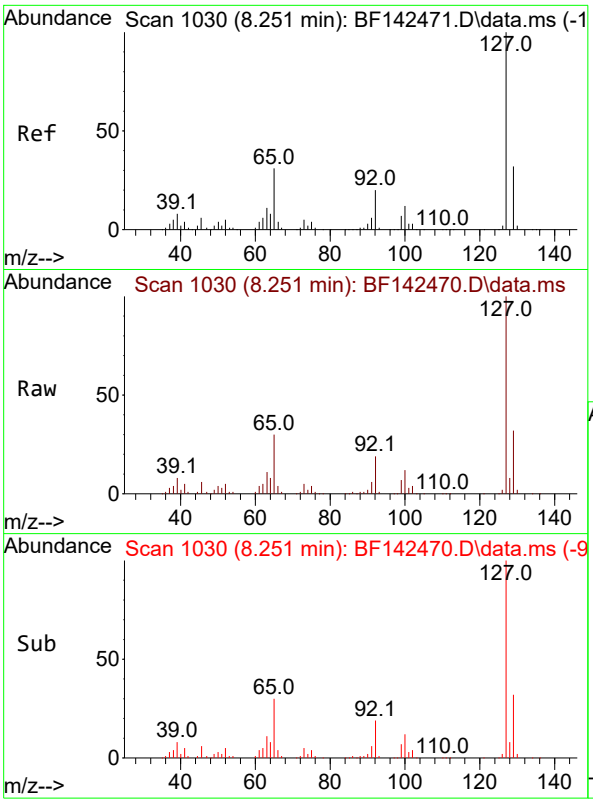


#32
Benzoic acid
Concen: 18.586 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.065 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:122 Resp: 64801

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.7	141.7
77	89.3	69.5	109.5



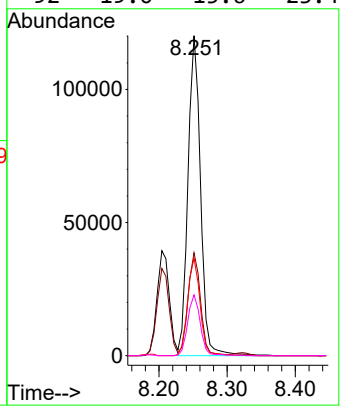


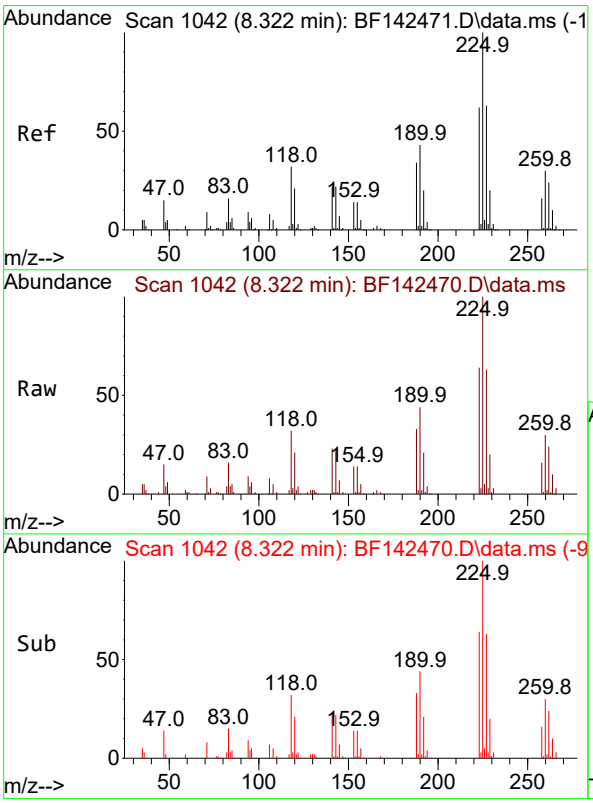
#33
4-Chloroaniline
Concen: 20.853 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 152901

Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	30.4	24.9	37.3
92	19.0	15.6	23.4

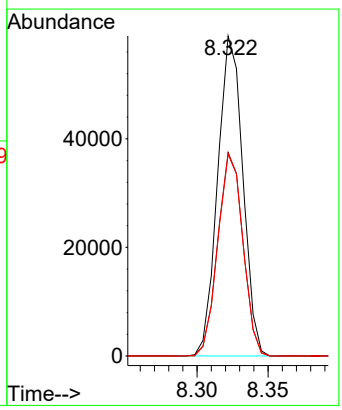


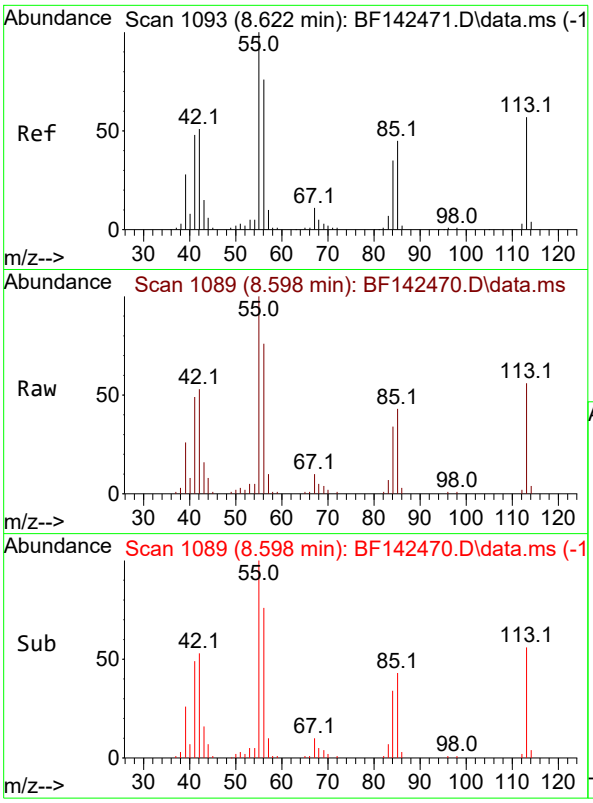


#34
Hexachlorobutadiene
Concen: 20.523 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:225 Resp: 72441

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.0	50.3	75.5



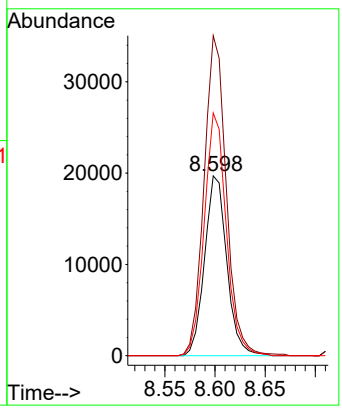


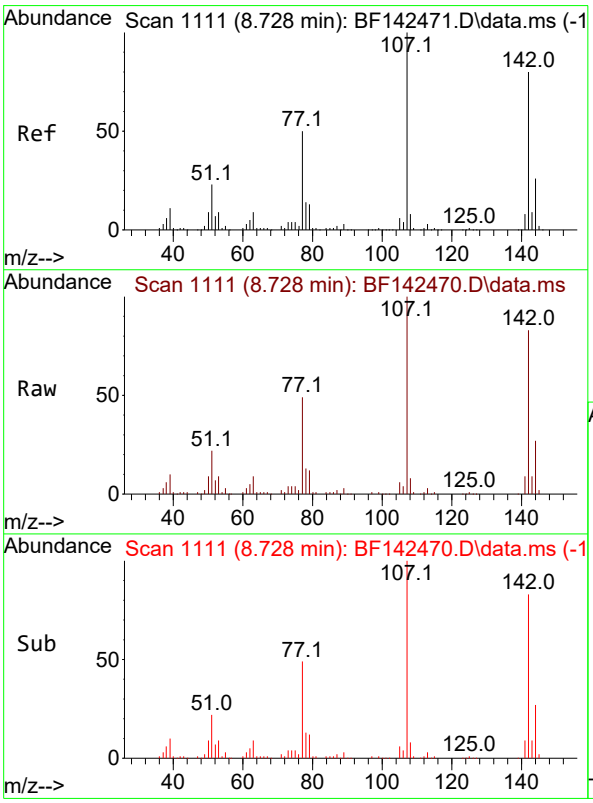
#35
Caprolactam
Concen: 20.762 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 30374

Ion	Ratio	Lower	Upper
113	100		
55	178.0	154.7	194.7
56	135.0	113.2	153.2

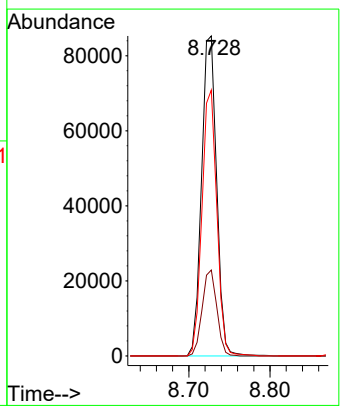


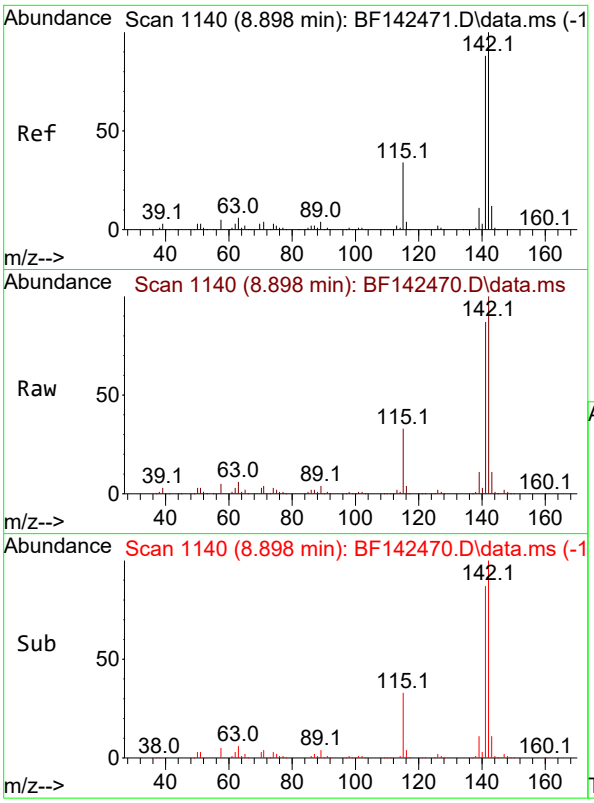


#36
4-Chloro-3-methylphenol
Concen: 20.567 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:107 Resp: 109793

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.9	31.3
142	83.1	64.2	96.2



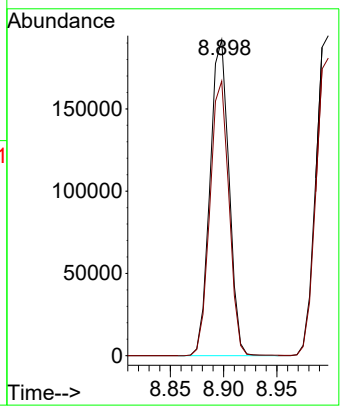


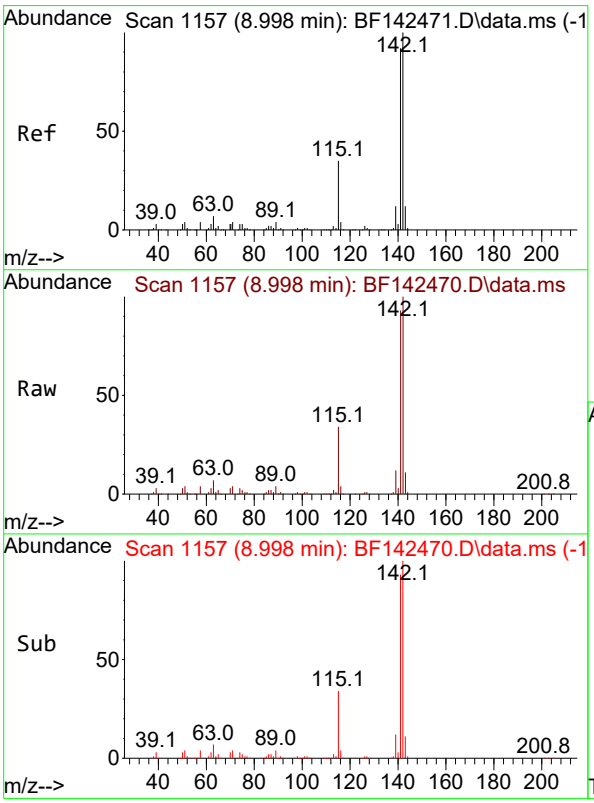
#37
2-Methylnaphthalene
Concen: 20.849 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 237350

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.7	106.1

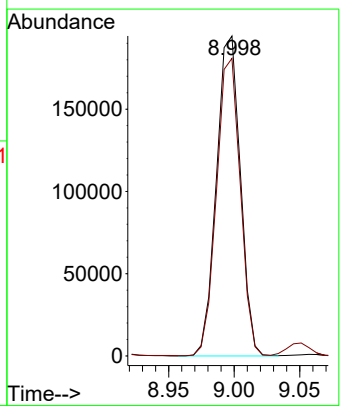


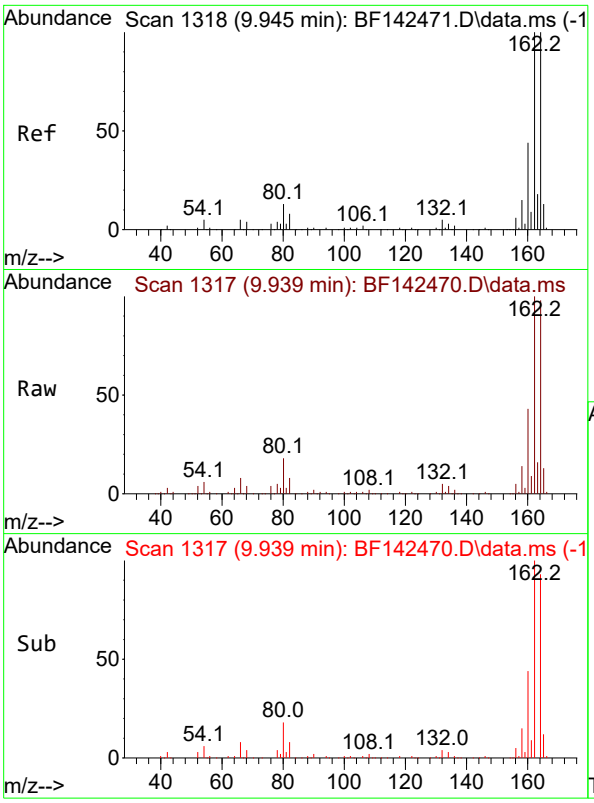


#38
1-Methylnaphthalene
Concen: 20.961 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:142 Resp: 246831

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.4	110.2



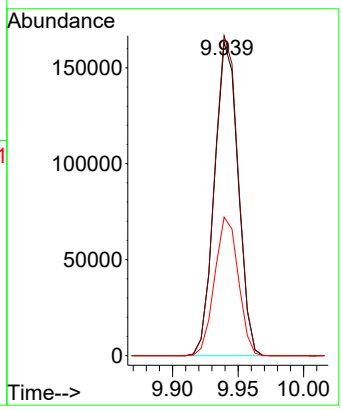


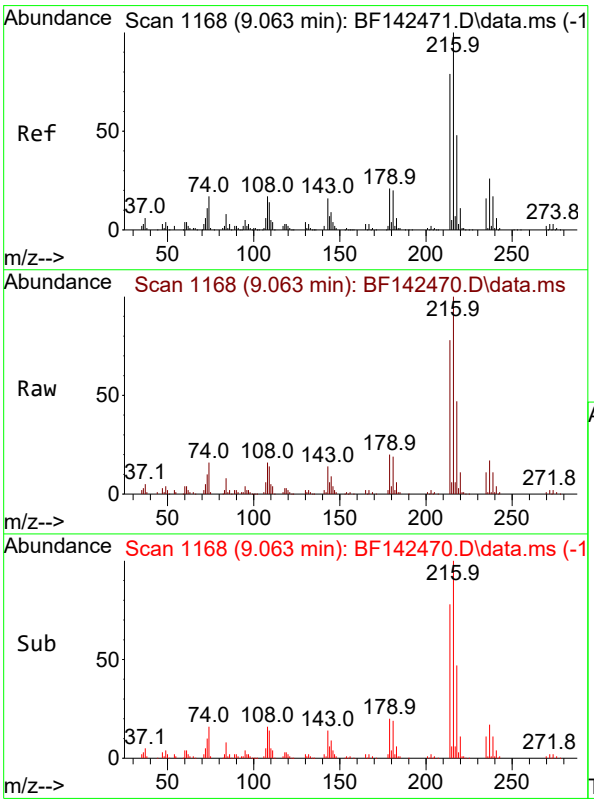
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 204113

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.4
160	44.2	35.6	53.4

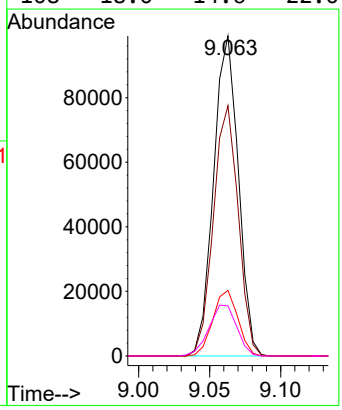


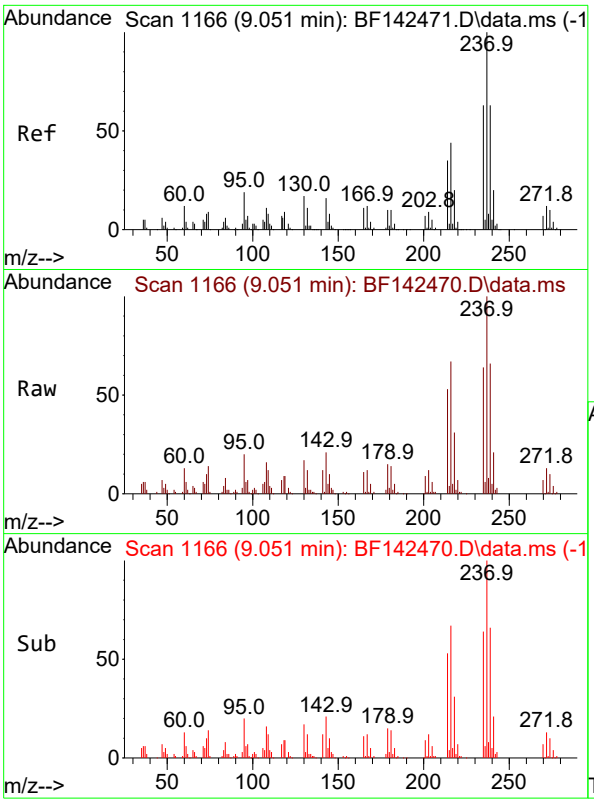


#40
1,2,4,5-Tetrachlorobenzene
Concen: 20.477 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:216 Resp: 119980

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.9	94.3
179	20.7	16.9	25.3
108	18.0	14.6	22.0



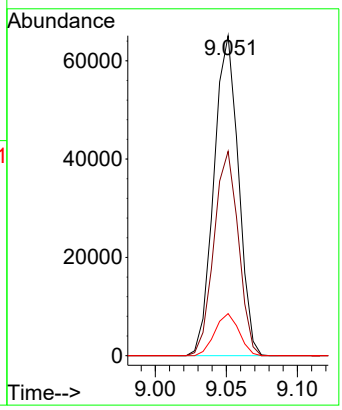


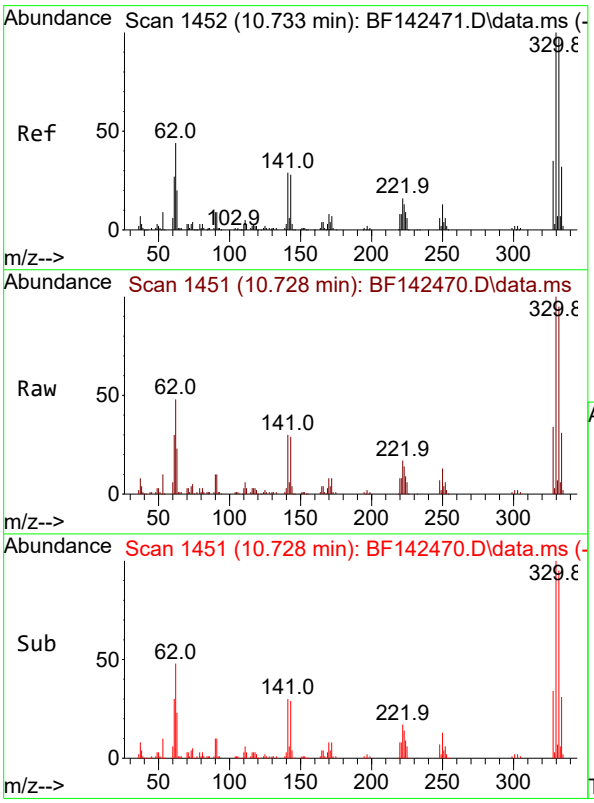
#41
Hexachlorocyclopentadiene
Concen: 19.796 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 78243

Ion	Ratio	Lower	Upper
237	100		
235	63.8	43.3	83.3
272	13.2	0.0	32.4

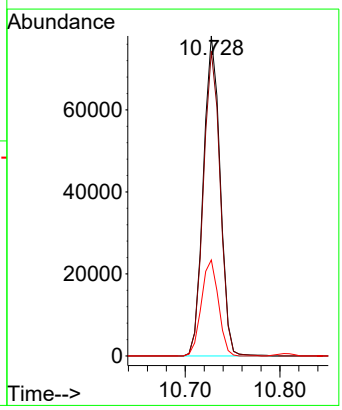


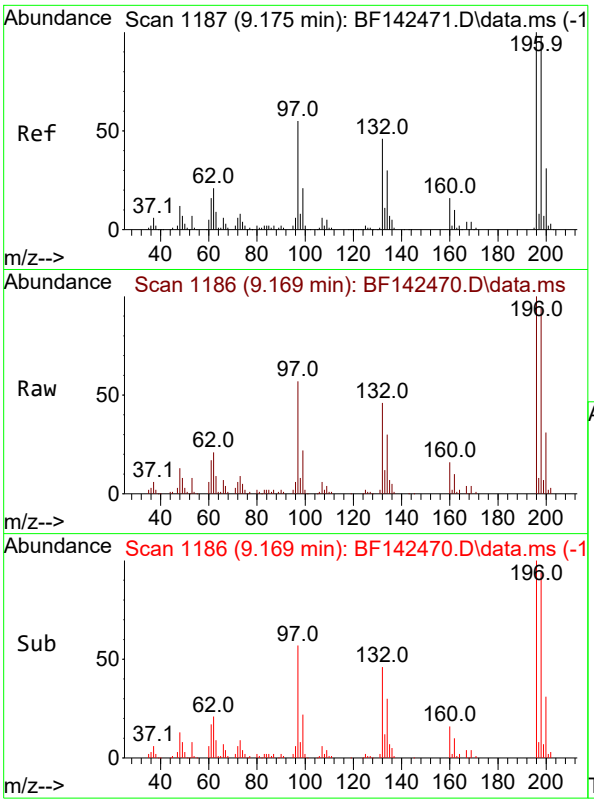


#42
2,4,6-Tribromophenol
Concen: 42.171 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:330 Resp: 95535

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.6	116.4
141	30.4	24.6	36.8



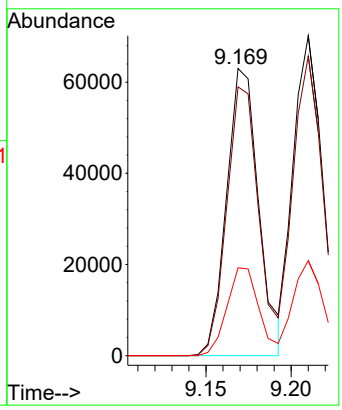


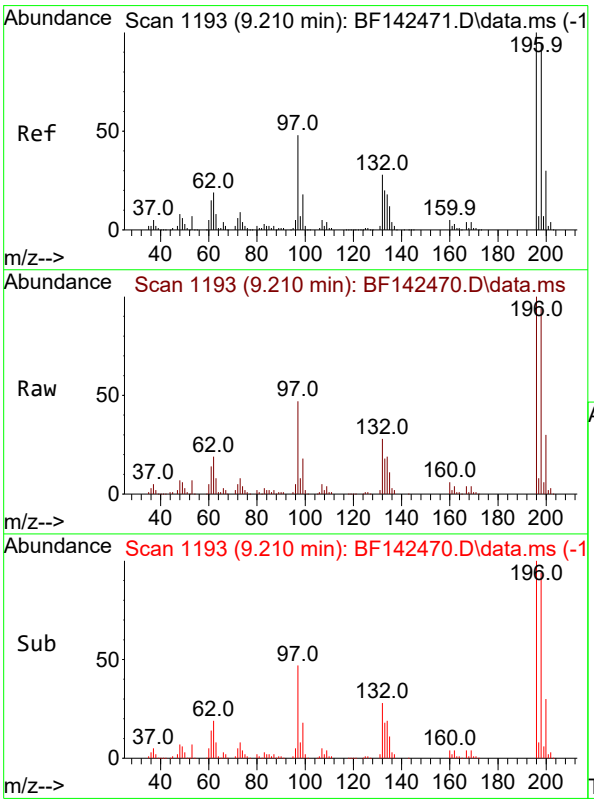
#43
2,4,6-Trichlorophenol
Concen: 20.971 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 82857

Ion	Ratio	Lower	Upper
196	100		
198	93.6	78.8	118.2
200	30.6	24.9	37.3

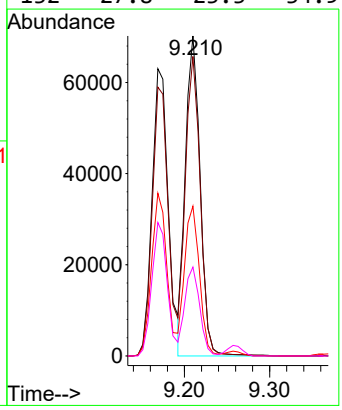


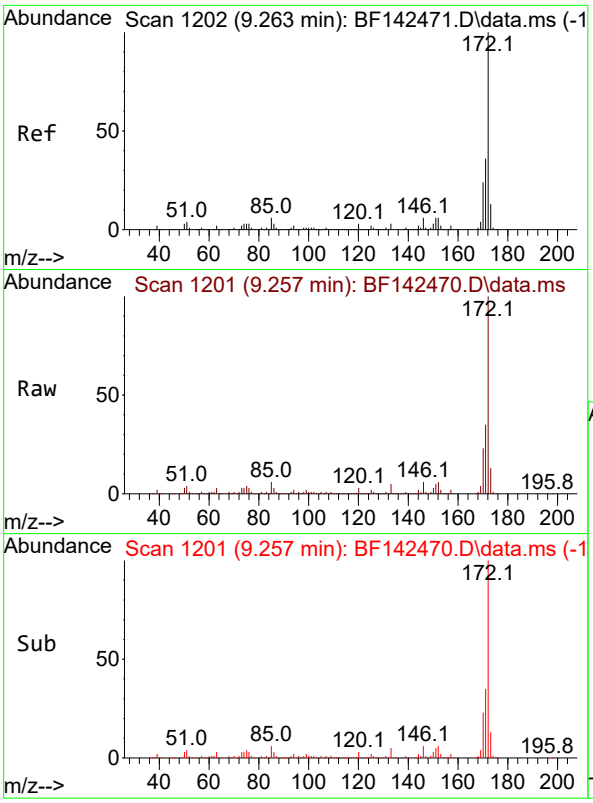


#44
2,4,5-Trichlorophenol
Concen: 20.383 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:196 Resp: 84935

Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.5	113.3
97	46.8	39.3	58.9
132	27.8	23.3	34.9



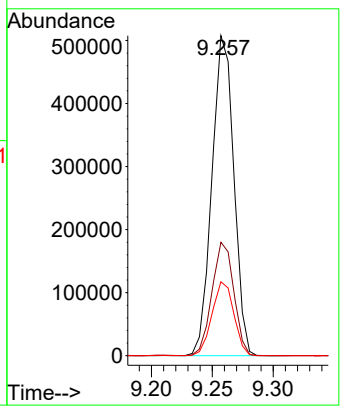


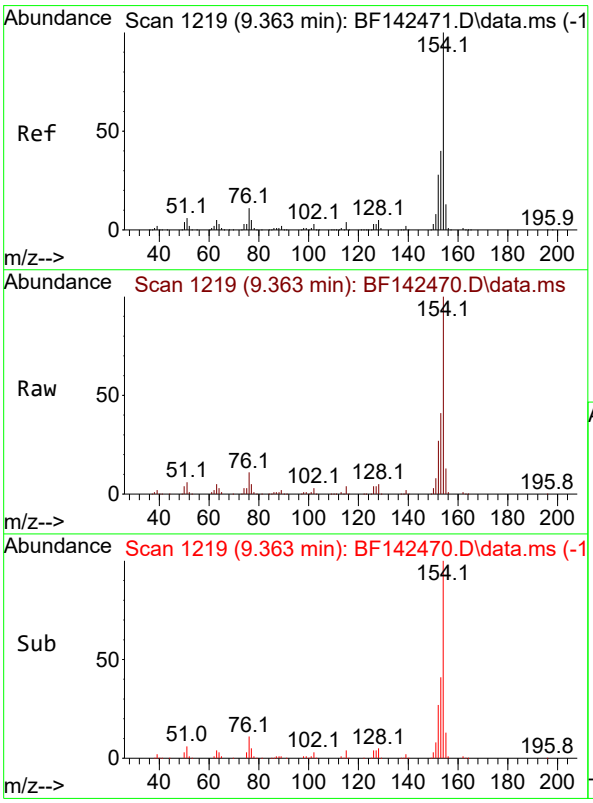
#45
2-Fluorobiphenyl
Concen: 41.799 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 635813

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.1	18.9	28.3

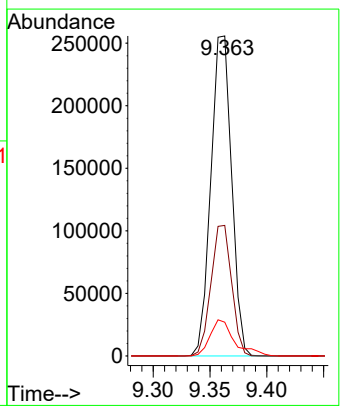


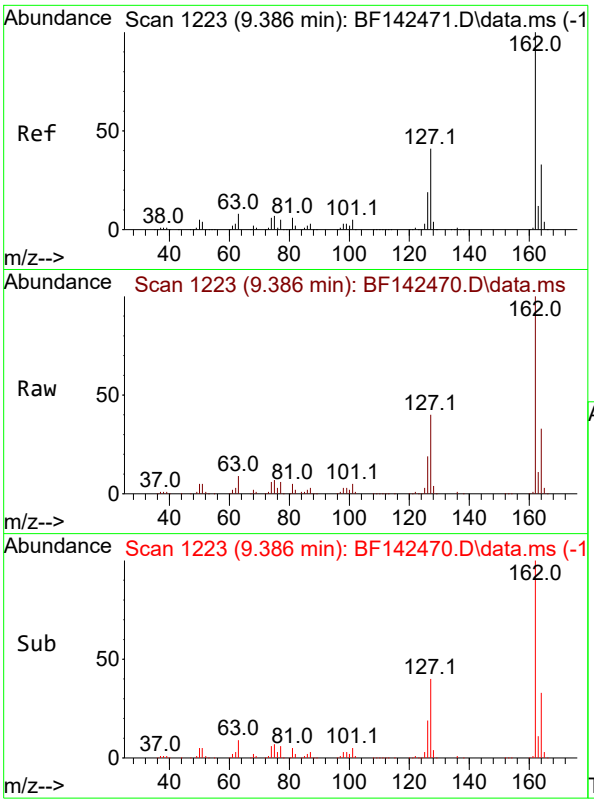


#46
1,1'-Biphenyl
Concen: 20.553 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 325474

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	10.6	0.0	30.8



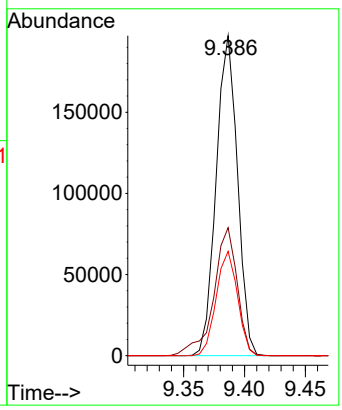


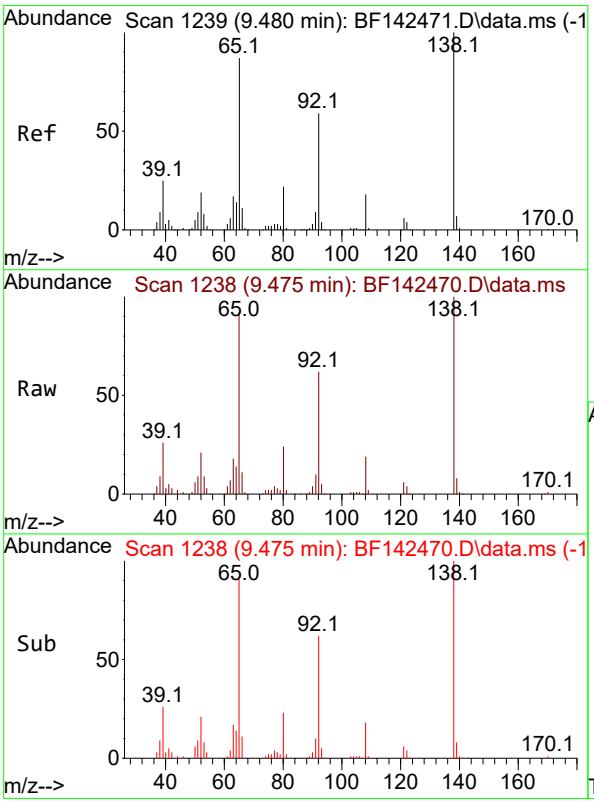
#47
2-Chloronaphthalene
Concen: 20.526 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 240148

Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.5	50.3
164	32.6	26.1	39.1

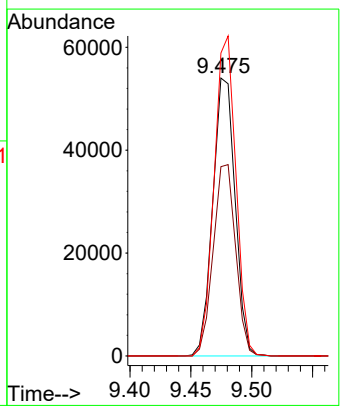


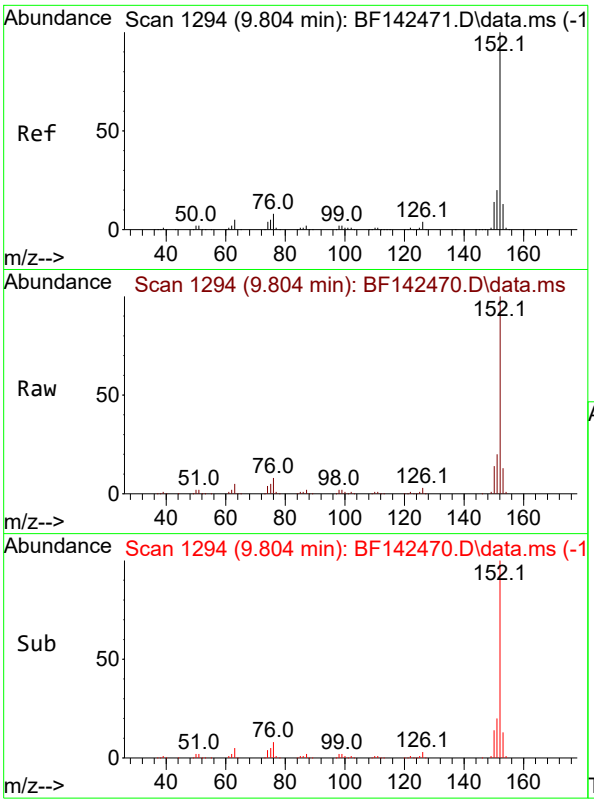


#48
2-Nitroaniline
Concen: 20.424 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion: 65 Resp: 69068

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	109.0	91.4	137.2



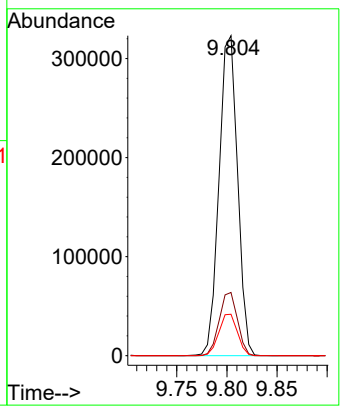


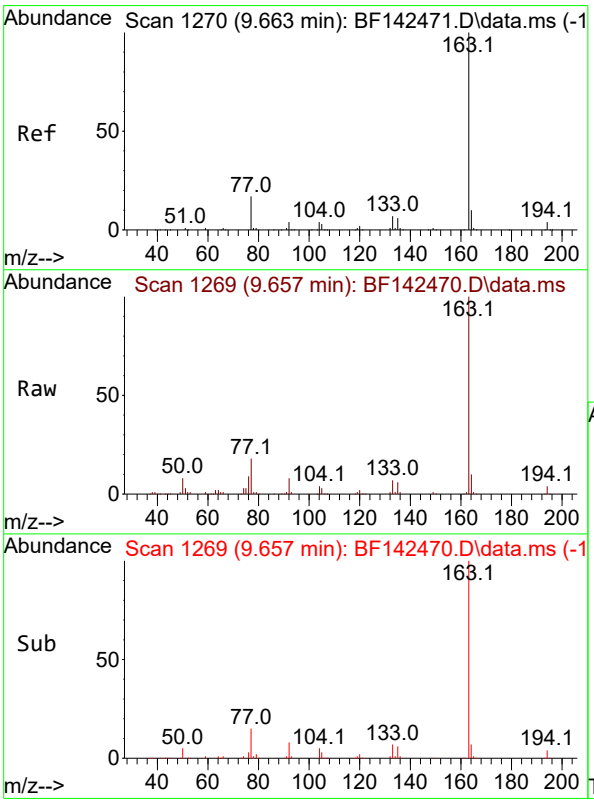
#49
Acenaphthylene
Concen: 20.945 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 413782

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.8
153	13.0	10.6	15.8

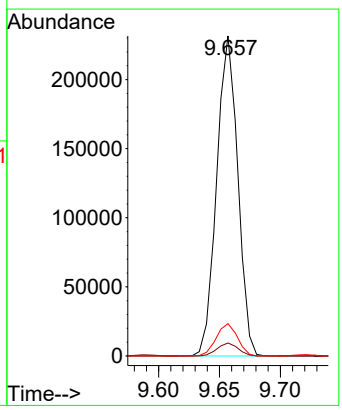


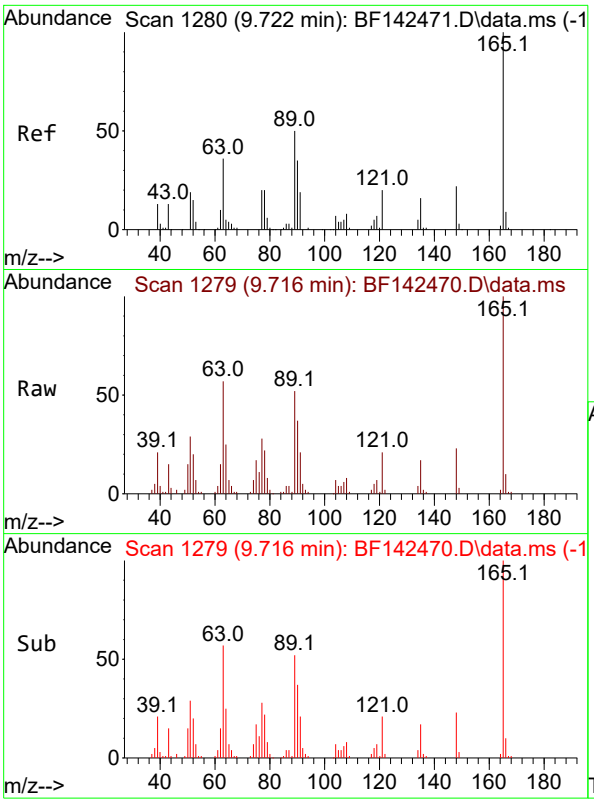


#50
Dimethylphthalate
Concen: 20.724 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:163 Resp: 279113

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.4



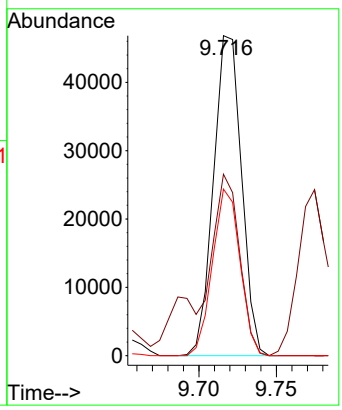


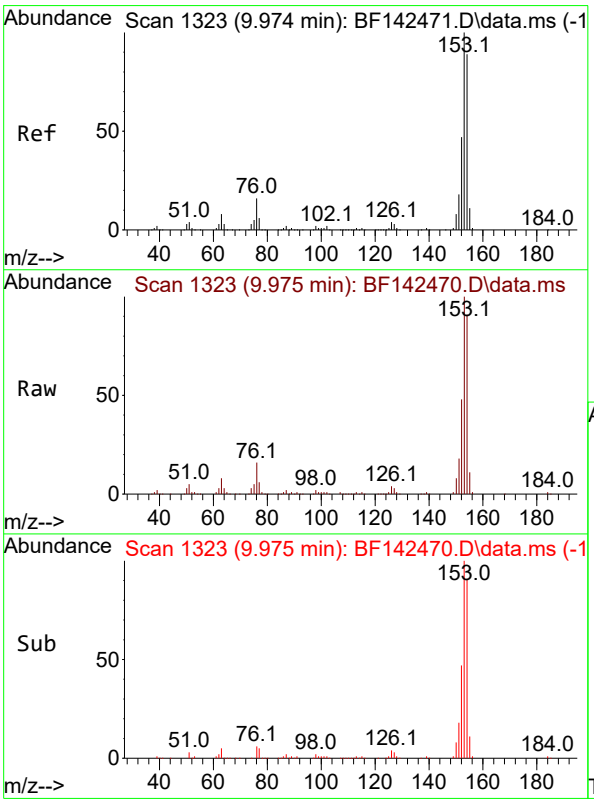
#51
2,6-Dinitrotoluene
Concen: 20.308 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 59031

Ion	Ratio	Lower	Upper
165	100		
63	56.7	42.9	64.3
89	52.1	40.2	60.4

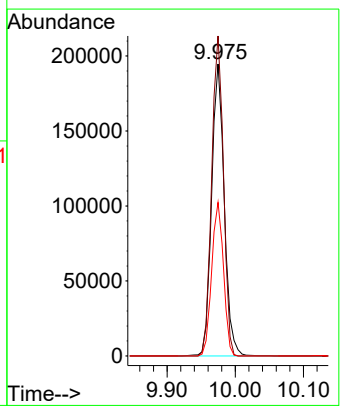


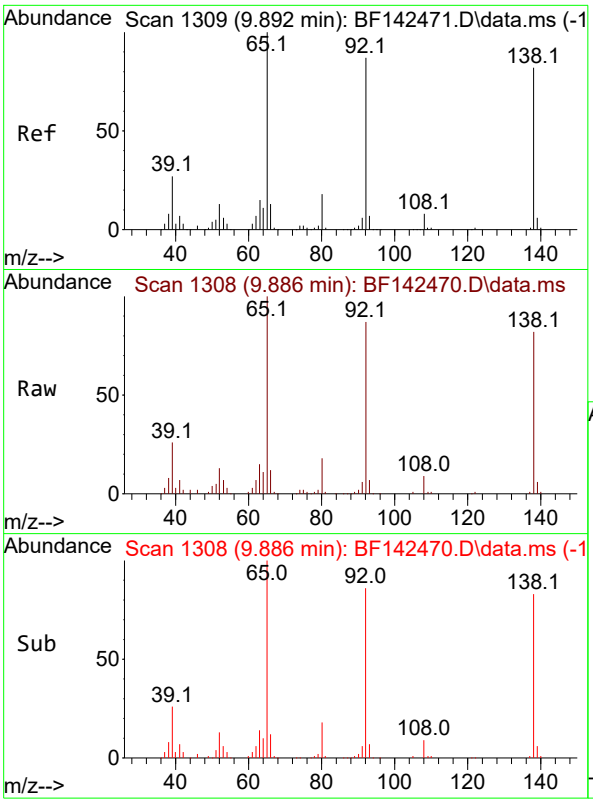


#52
Acenaphthene
Concen: 20.764 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:154 Resp: 250487

Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.0	135.0
152	52.6	42.6	64.0



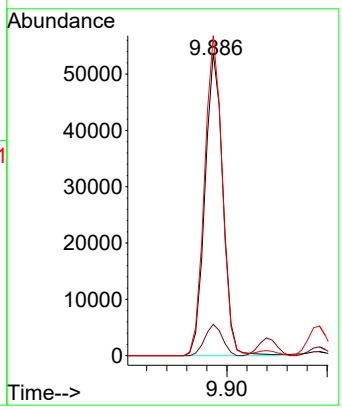


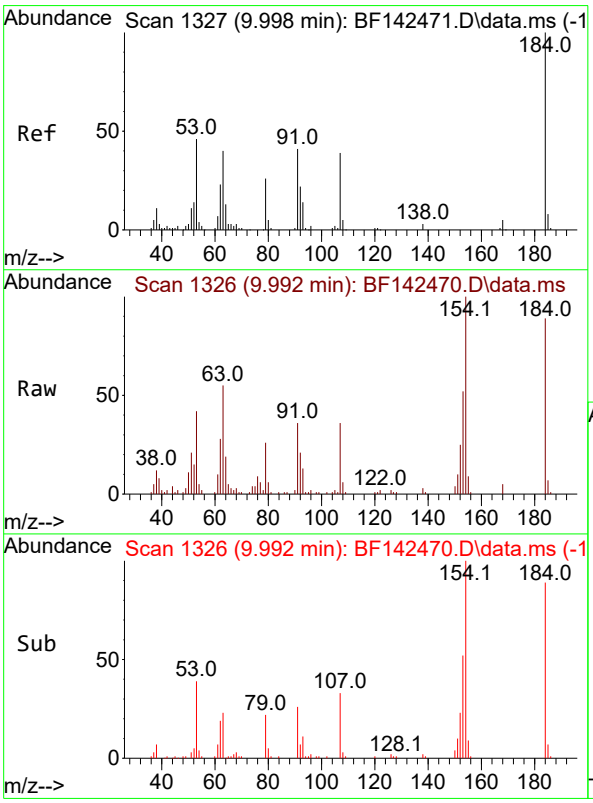
#53
3-Nitroaniline
Concen: 21.055 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 66847

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	105.6	85.2	127.8

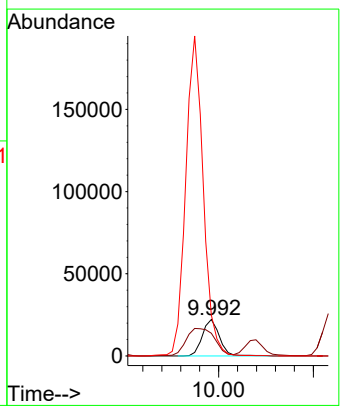


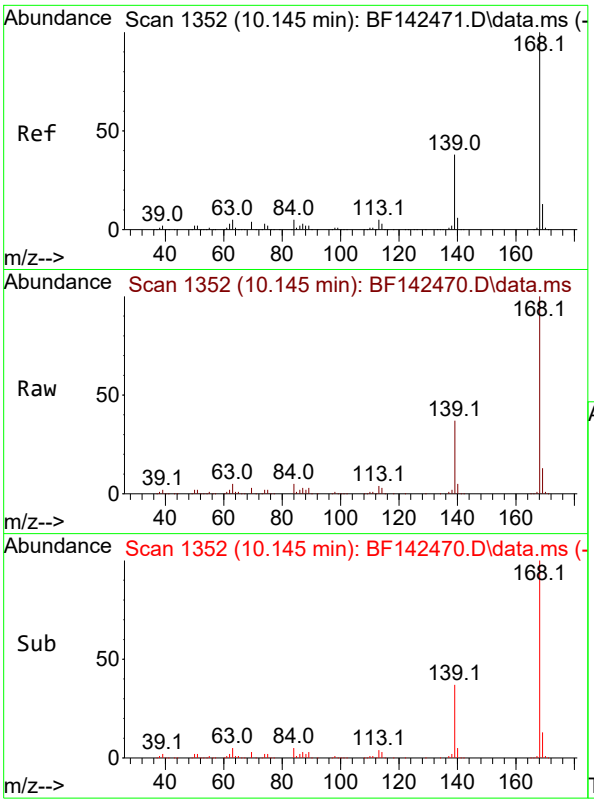


#54
2,4-Dinitrophenol
Concen: 18.553 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:184 Resp: 27863

Ion	Ratio	Lower	Upper
184	100		
63	62.4	46.3	69.5
154	112.6	56.8	85.2#



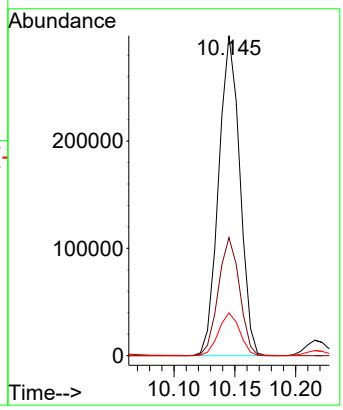


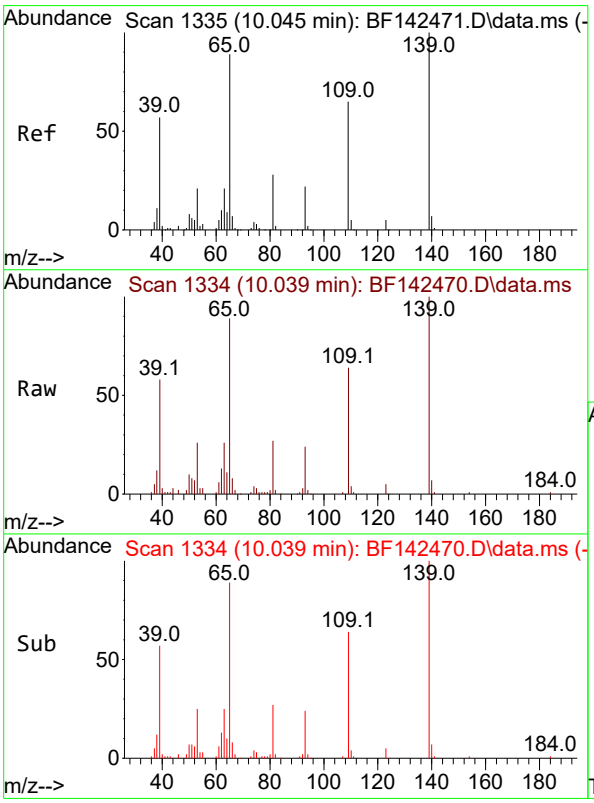
#55
Dibenzofuran
Concen: 20.792 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 360936

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.2	45.2
169	13.4	10.7	16.1

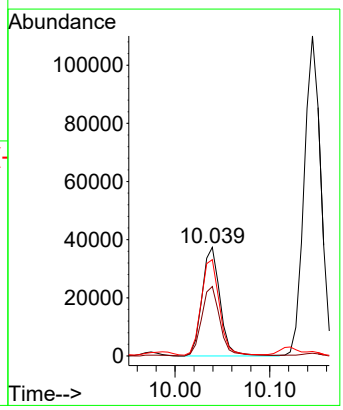


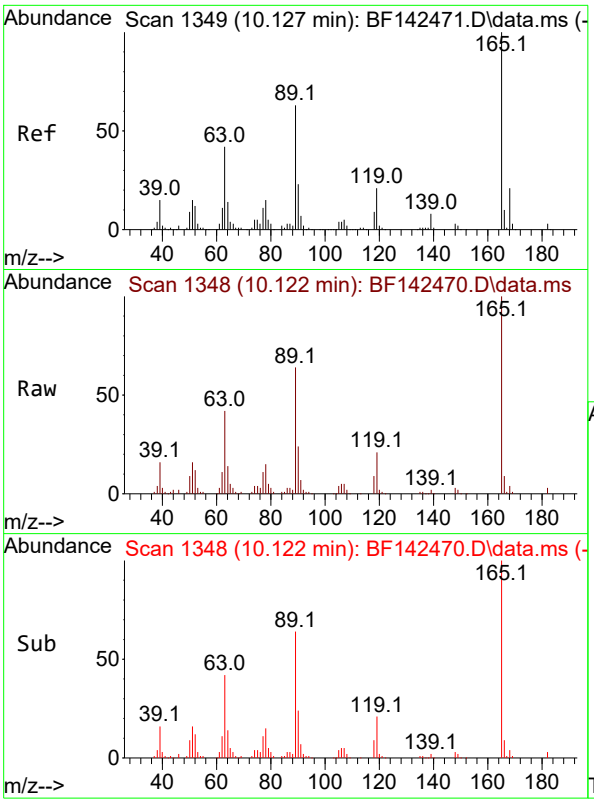


#56
4-Nitrophenol
Concen: 21.067 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:139 Resp: 49352

Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.1	85.1
65	88.7	69.7	109.7



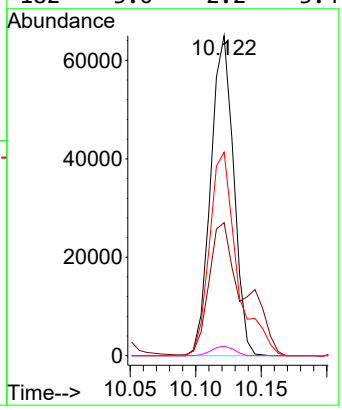


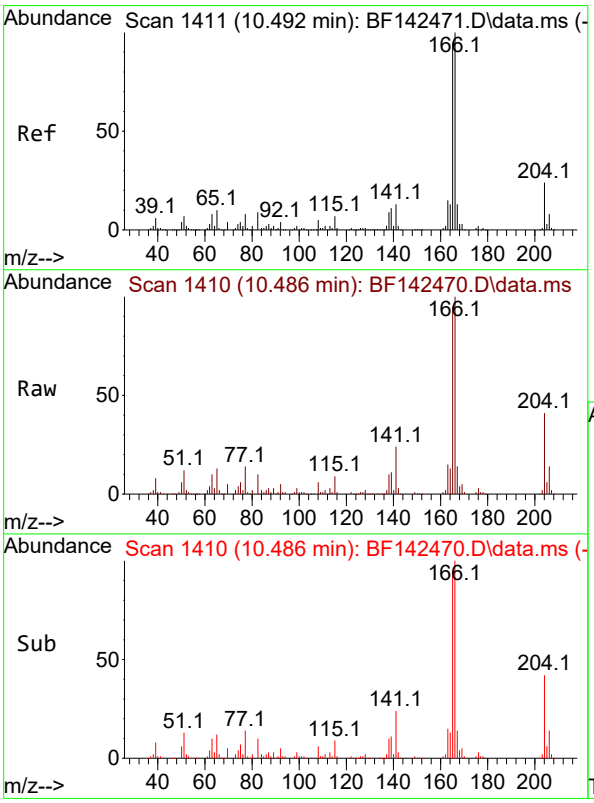
#57
2,4-Dinitrotoluene
Concen: 20.827 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 79063

Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.6	50.4
89	63.6	50.2	75.4
182	3.0	2.2	3.4

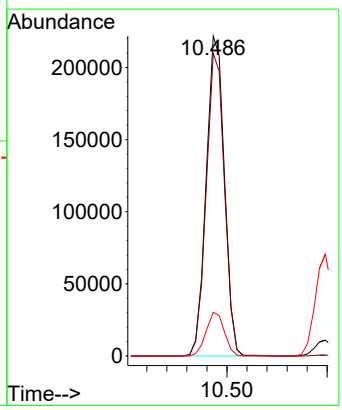


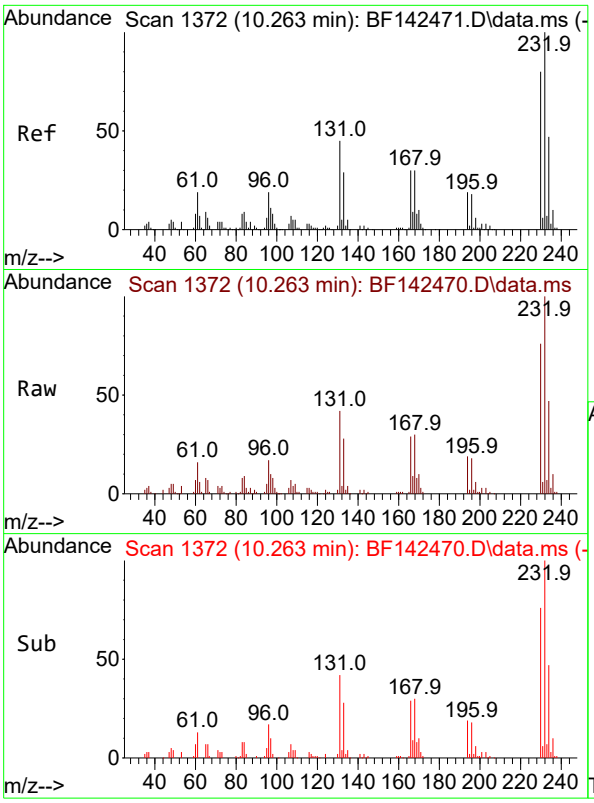


#58
Fluorene
Concen: 20.878 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:166 Resp: 279994

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.8	113.8
167	13.6	10.6	16.0



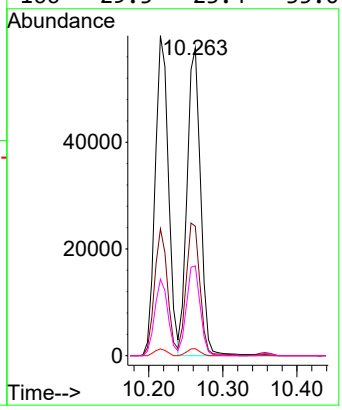


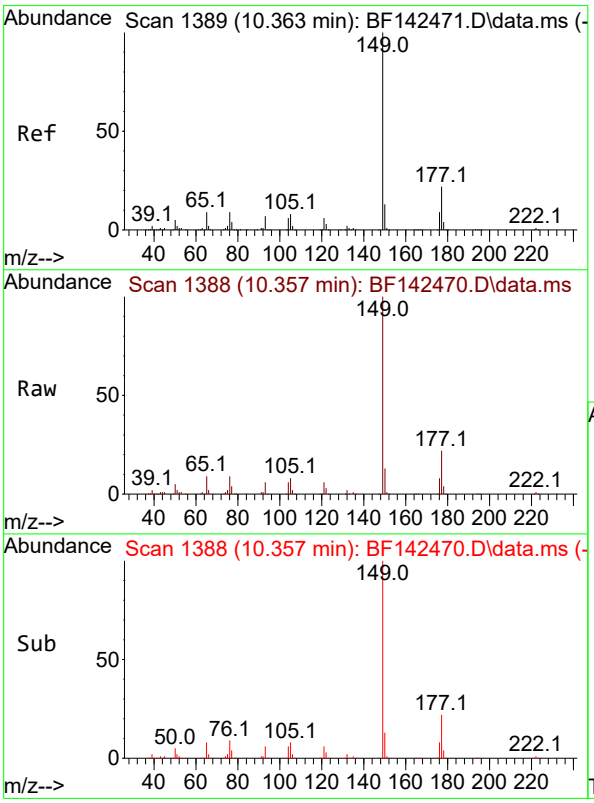
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.140 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 73538

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.2	52.8
130	2.2	1.7	2.5
166	29.5	23.4	35.0

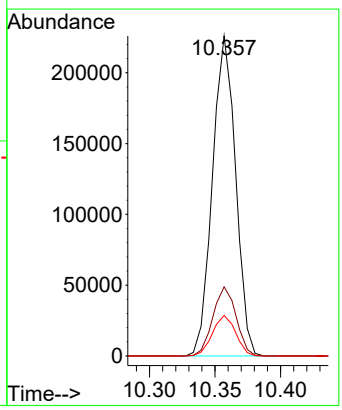


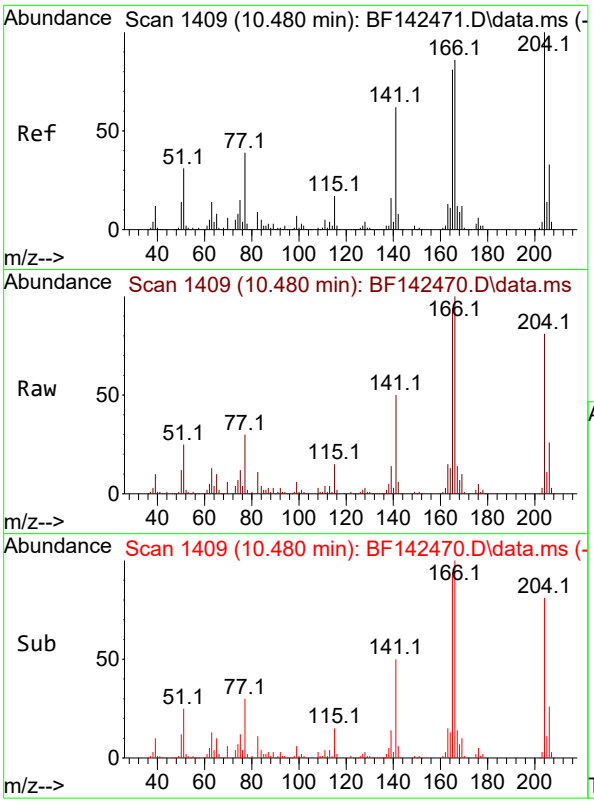


#60
Diethylphthalate
Concen: 21.084 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 277325

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.7	10.1	15.1



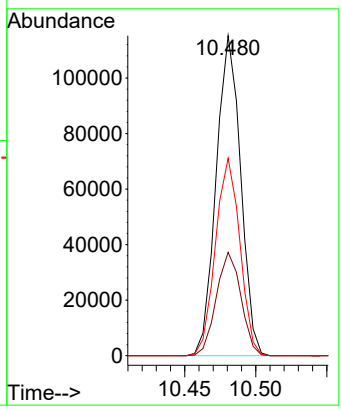


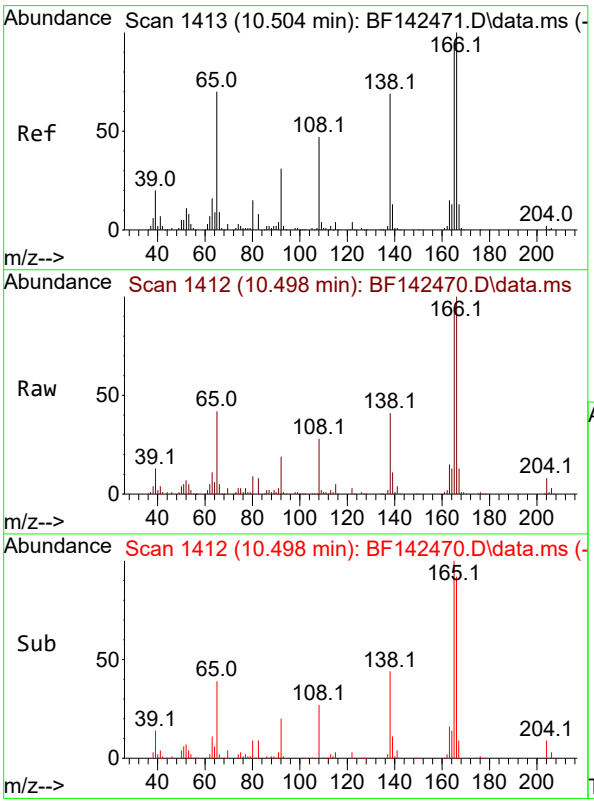
#61
4-Chlorophenyl-phenylether
Concen: 20.944 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 137985

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	61.7	49.5	74.3

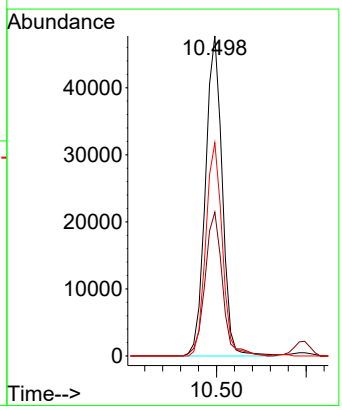


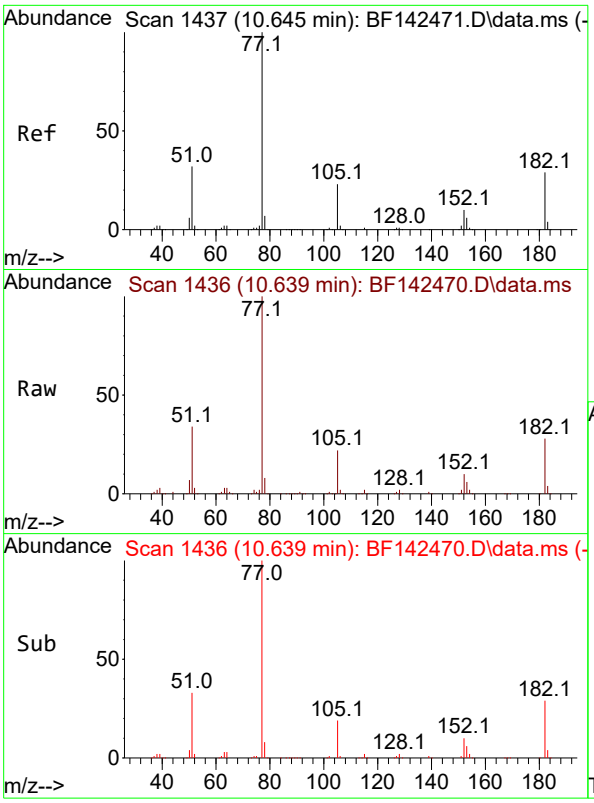


#62
4-Nitroaniline
Concen: 21.481 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:138 Resp: 61856

Ion	Ratio	Lower	Upper
138	100		
92	44.9	26.0	66.0
108	66.7	48.4	88.4



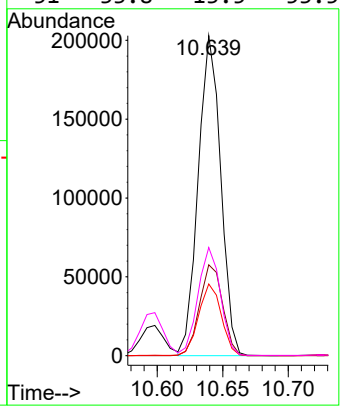


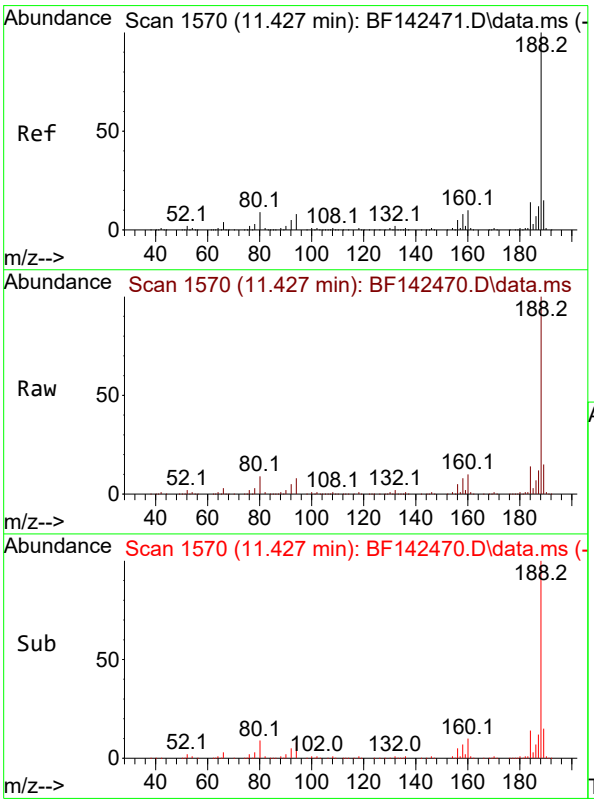
#63
Azobenzene
Concen: 20.530 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 242545

Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.0	49.0
105	22.4	2.4	42.4
51	33.8	13.5	53.5

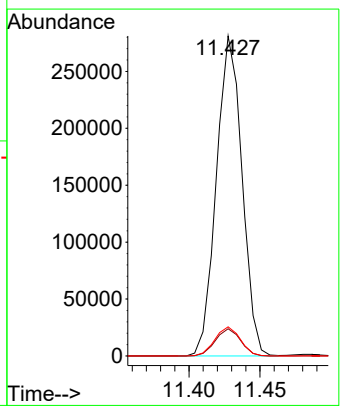


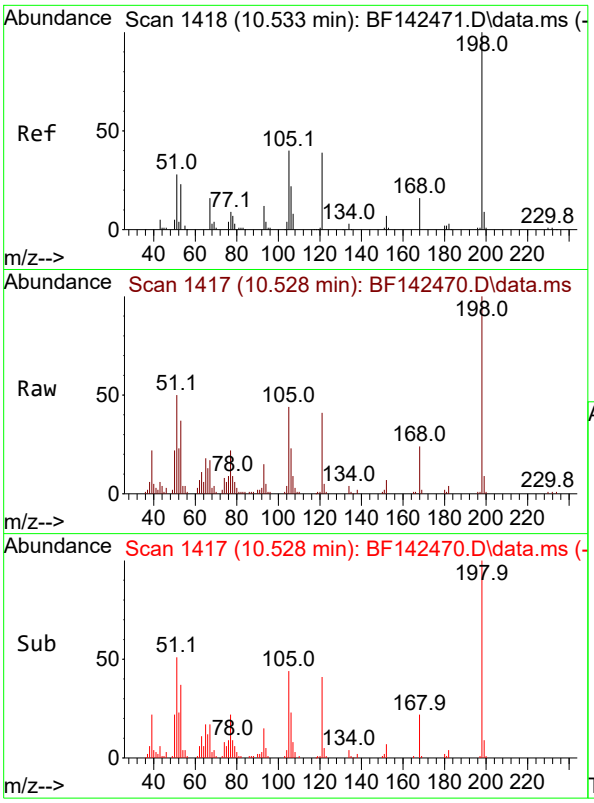


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:188 Resp: 353003

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.1	7.4	11.0



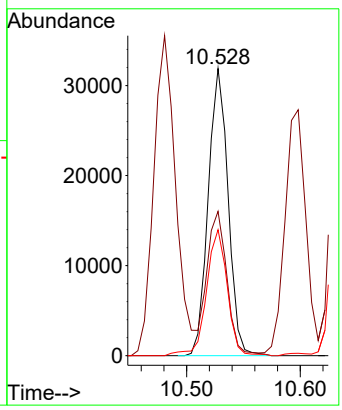


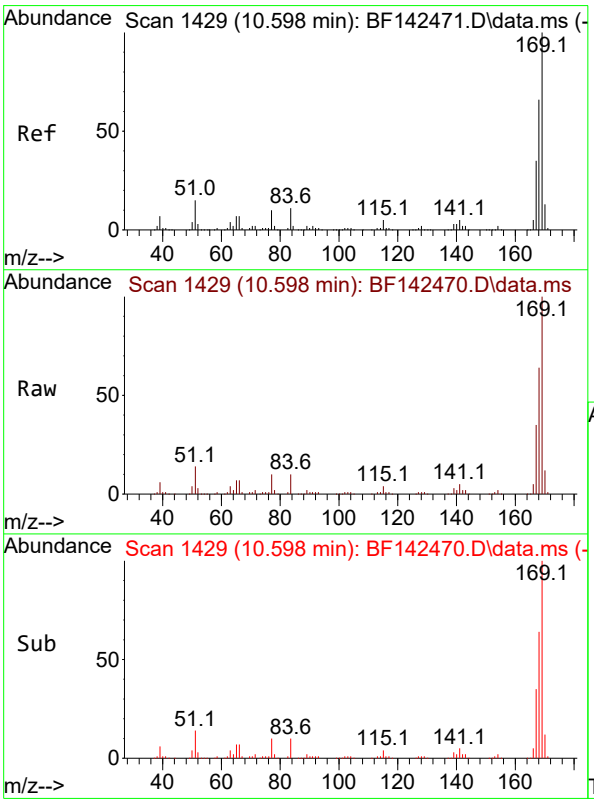
#65
4,6-Dinitro-2-methylphenol
Concen: 19.673 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 38757

Ion	Ratio	Lower	Upper
198	100		
51	50.3	28.3	68.3
105	43.9	21.3	61.3

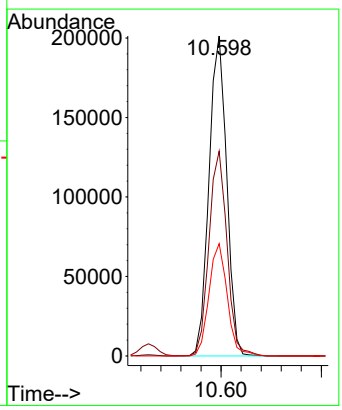


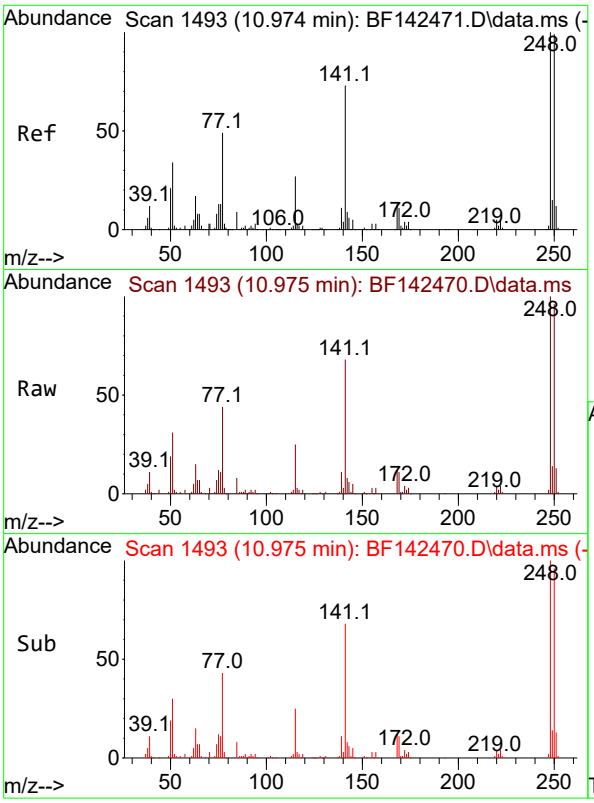


#66
n-Nitrosodiphenylamine
Concen: 20.348 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:169 Resp: 245739

Ion	Ratio	Lower	Upper
169	100		
168	64.0	52.7	79.1
167	35.1	28.3	42.5



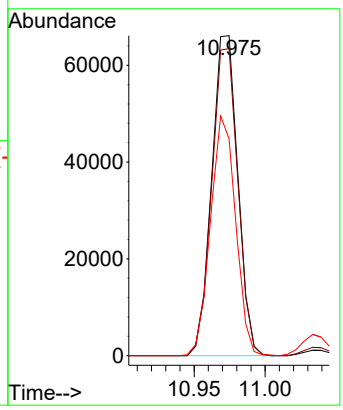


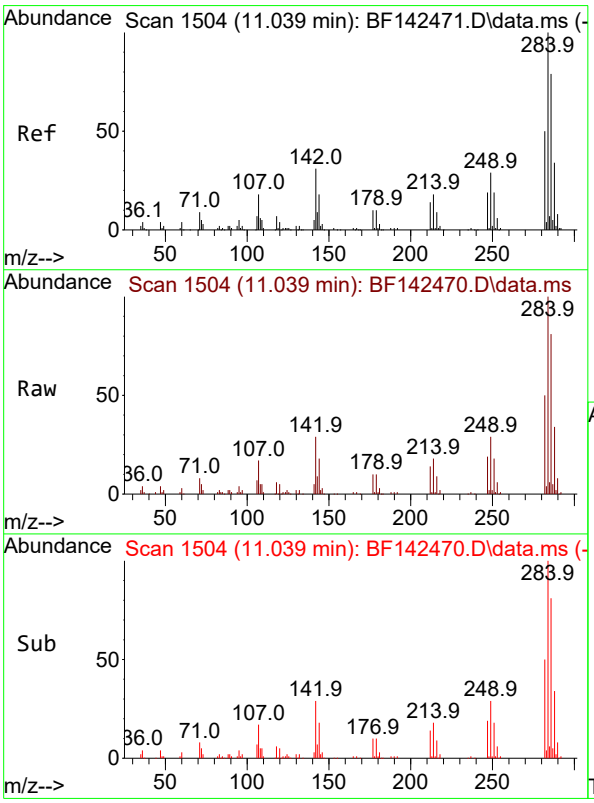
#67
4-Bromophenyl-phenylether
Concen: 20.222 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 84406

Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.0	118.4
141	67.7	58.4	87.6

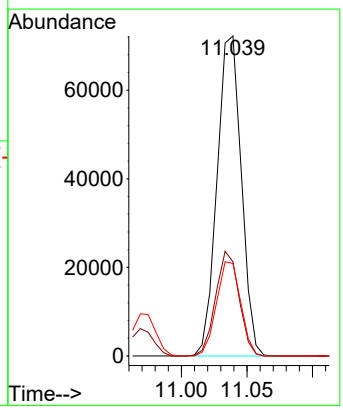


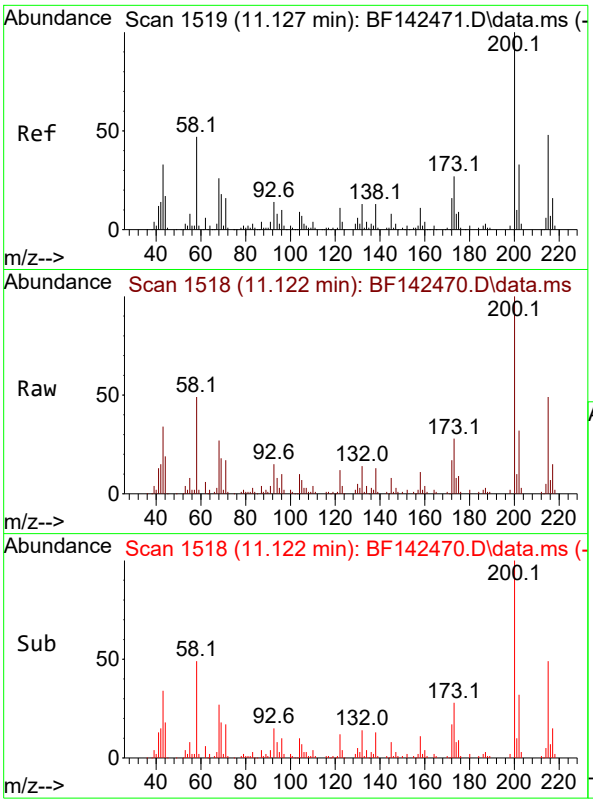


#68
Hexachlorobenzene
Concen: 20.102 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:284 Resp: 92803

Ion	Ratio	Lower	Upper
284	100		
142	29.4	24.8	37.2
249	28.9	23.6	35.4



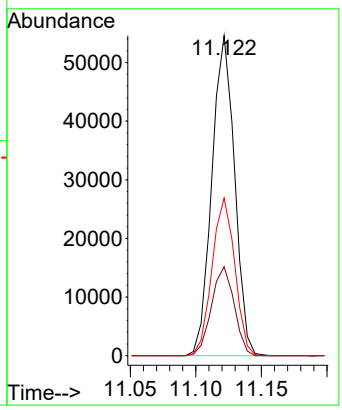


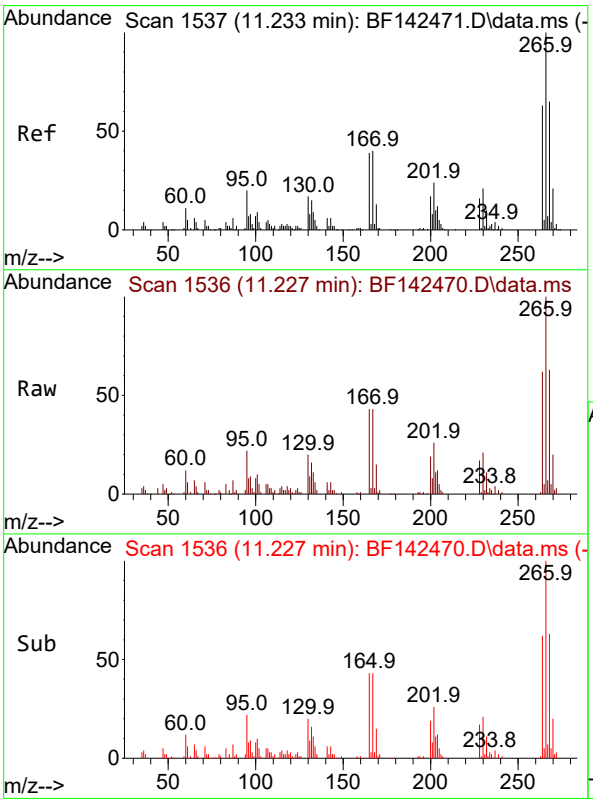
#69
Atrazine
Concen: 20.471 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 65656

Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	49.2	28.5	68.5

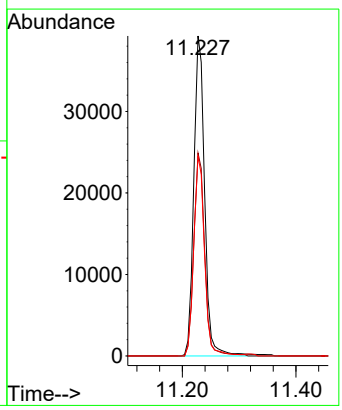


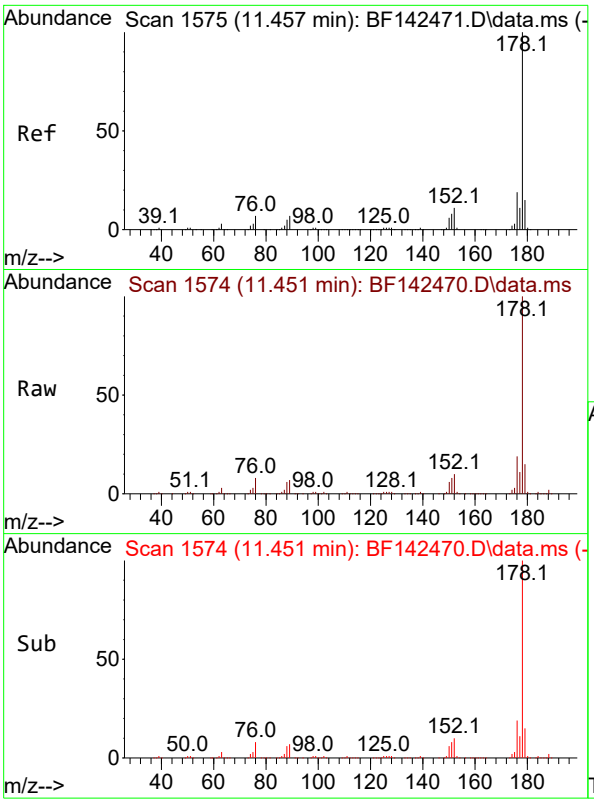


#70
Pentachlorophenol
Concen: 20.152 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:266 Resp: 52525

Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.7	77.5
264	62.5	50.4	75.6



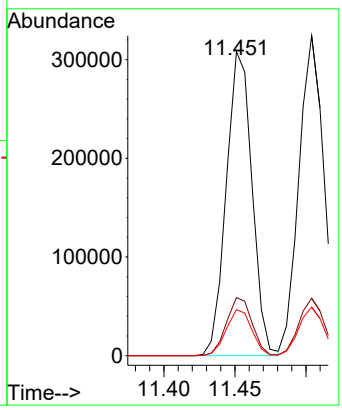


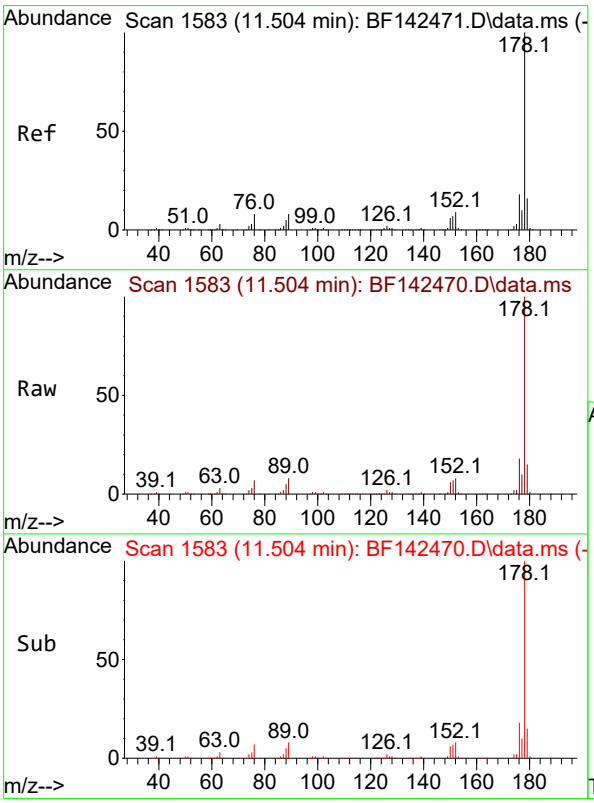
#71
Phenanthrene
Concen: 20.584 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 388317

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.2	12.3	18.5

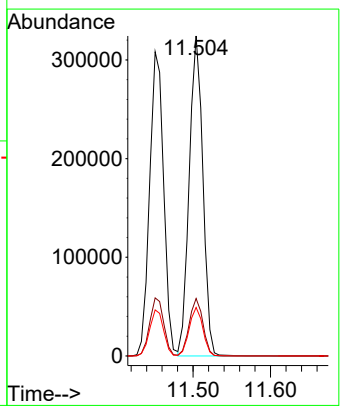


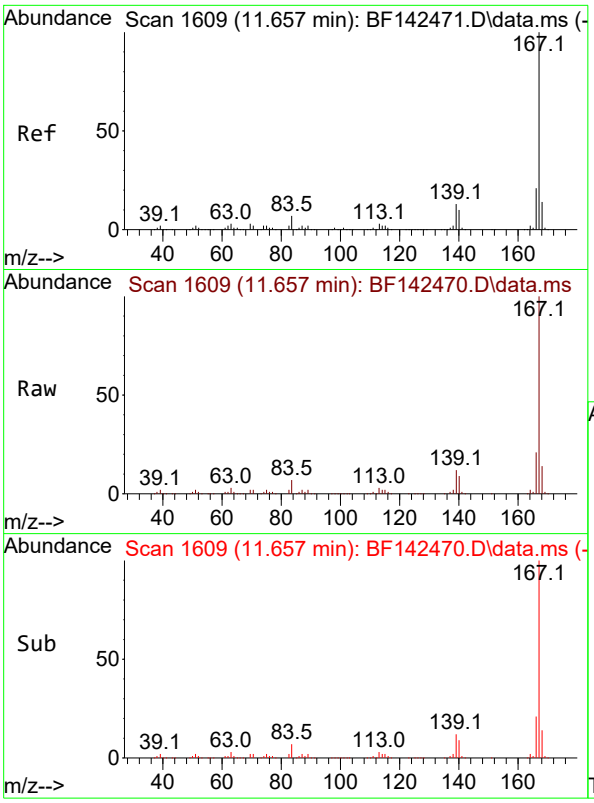


#72
Anthracene
Concen: 20.604 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:178 Resp: 396704

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.2	12.4	18.6



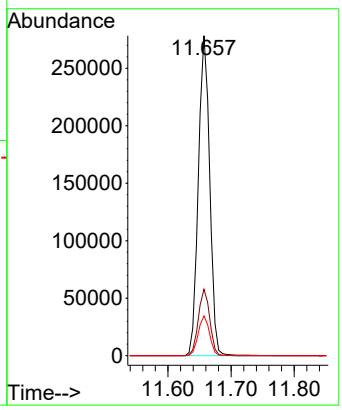


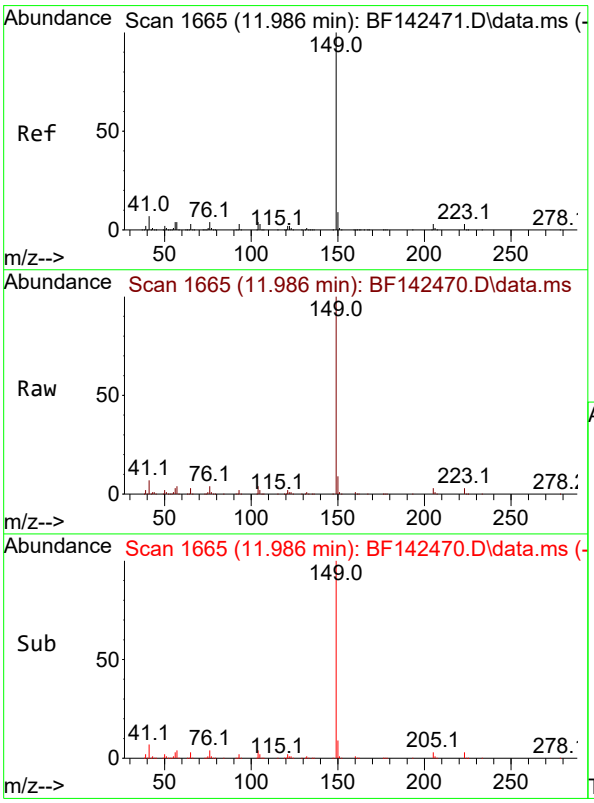
#73
Carbazole
Concen: 21.055 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 346558

Ion	Ratio	Lower	Upper
167	100		
166	20.8	16.9	25.3
139	12.4	10.2	15.4

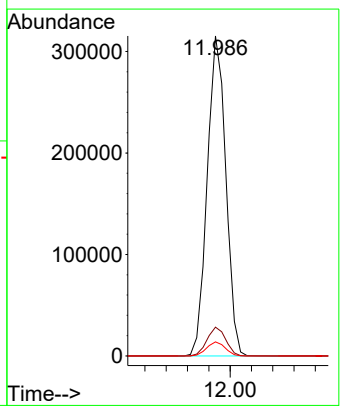


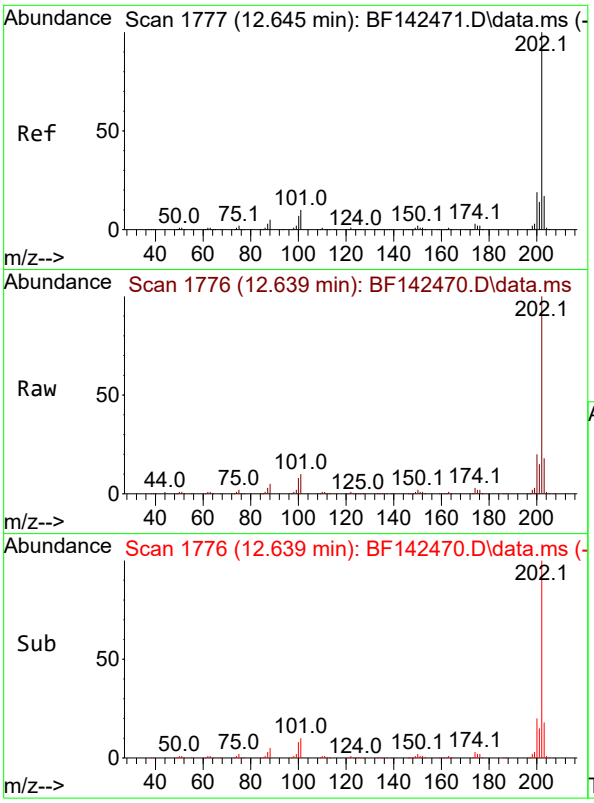


#74
Di-n-butylphthalate
Concen: 21.221 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 382324

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.4	3.6	5.4



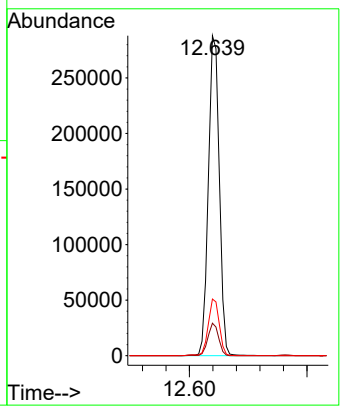


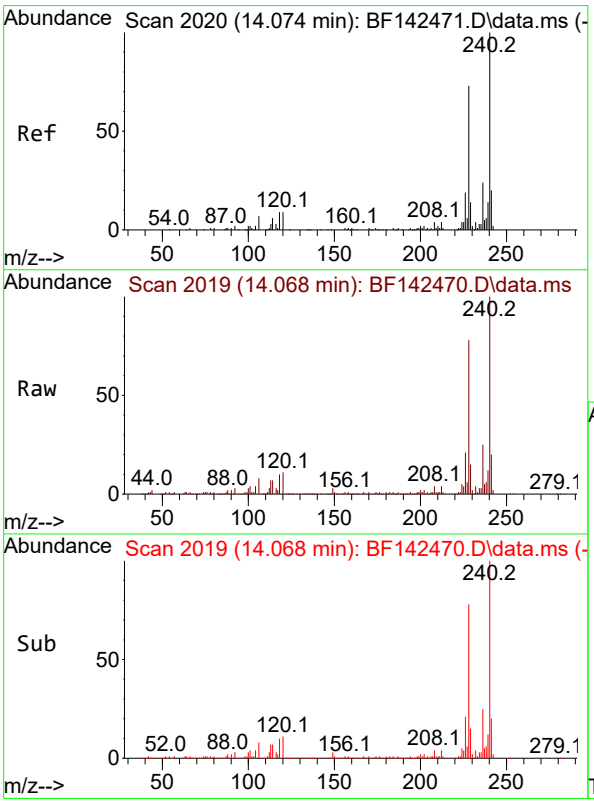
#75
Fluoranthene
Concen: 21.059 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 371226

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.7	0.0	37.2

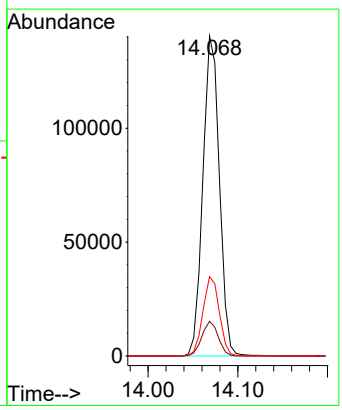


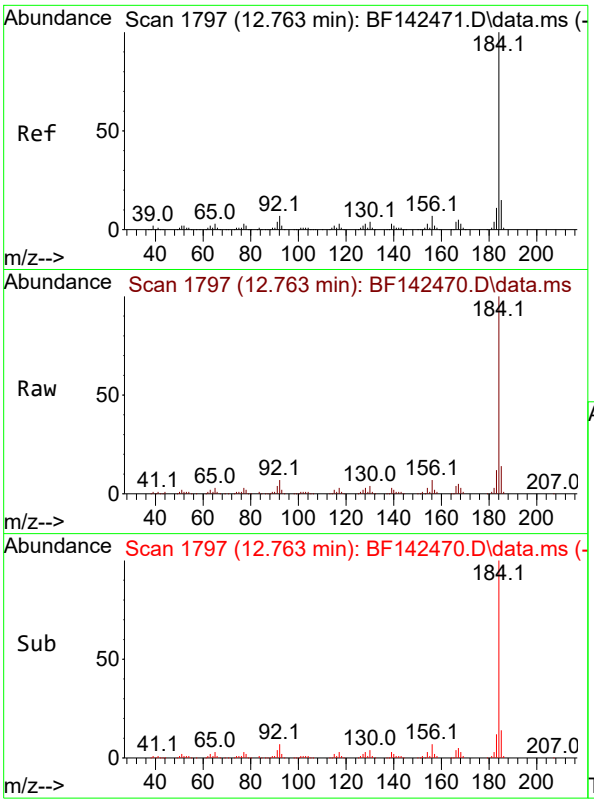


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:240 Resp: 179495

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	24.8	19.6	29.4



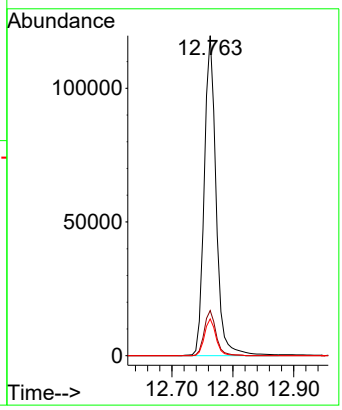


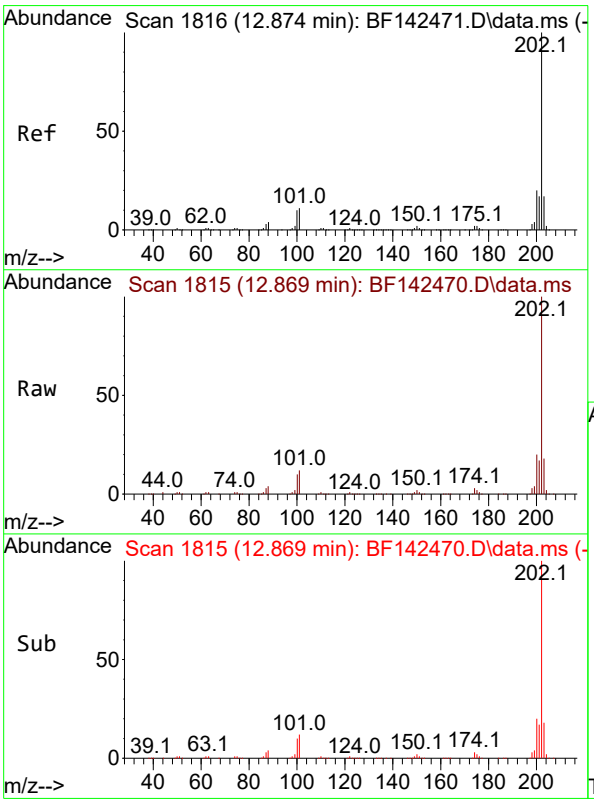
#77
Benzidine
Concen: 24.258 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 162031

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	11.5	9.0	13.4

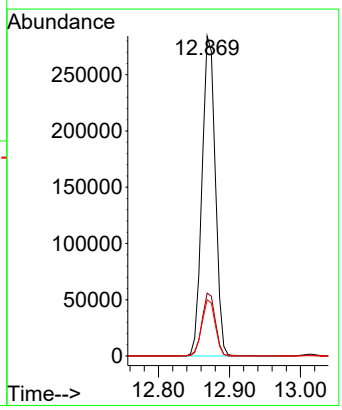


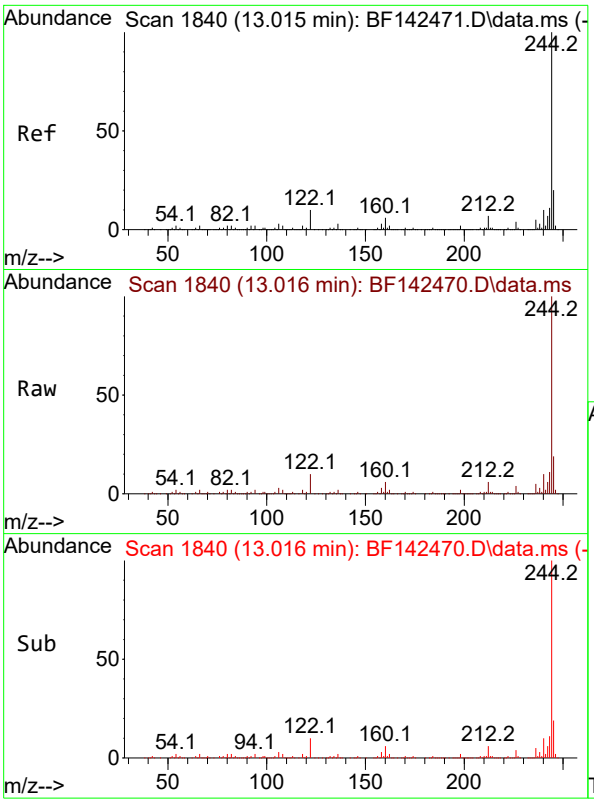


#78
Pyrene
Concen: 22.144 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:202 Resp: 370789

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.1	24.1
203	17.6	13.9	20.9



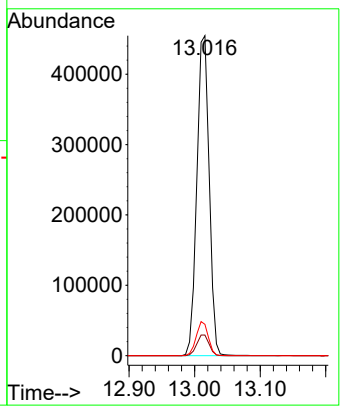


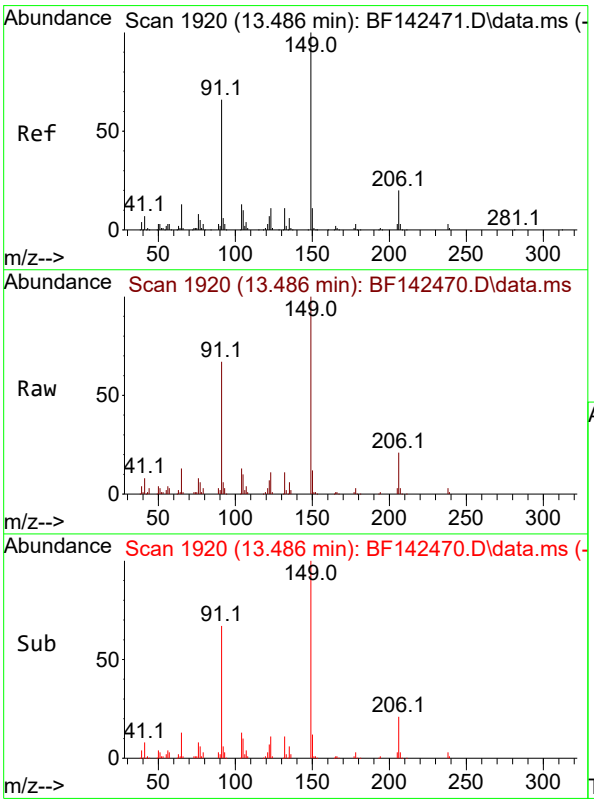
#79
Terphenyl-d14
Concen: 45.382 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 596097

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	9.8	8.2	12.2

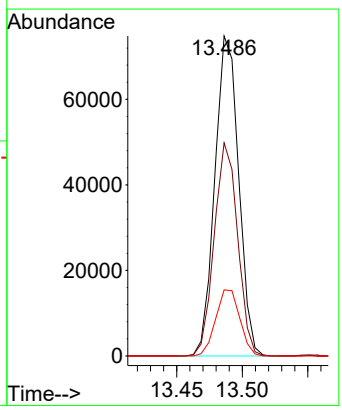


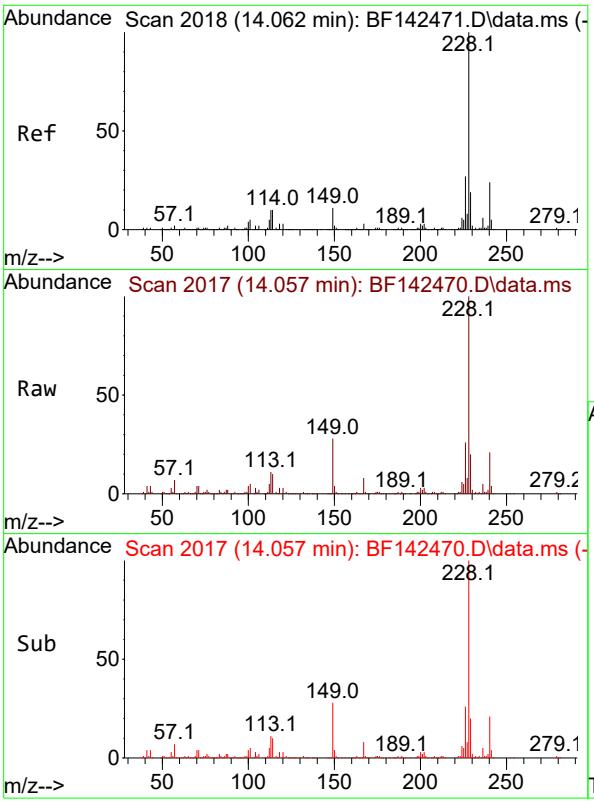


#80
Butylbenzylphthalate
Concen: 20.379 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 94290

Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.9	79.3
206	20.7	16.2	24.2



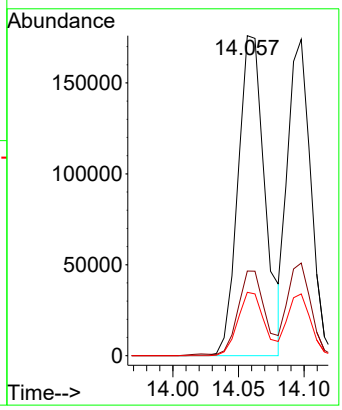


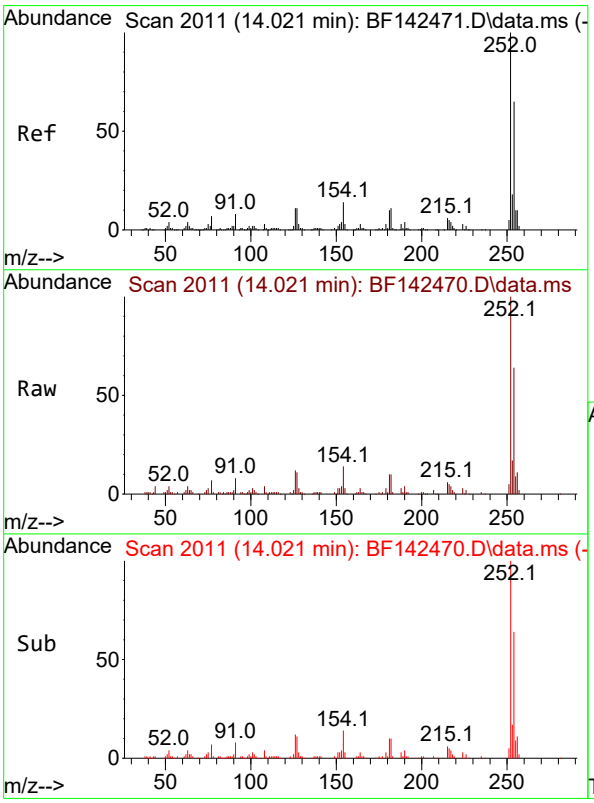
#81
Benzo(a)anthracene
Concen: 21.013 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 251858

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.8	15.5	23.3

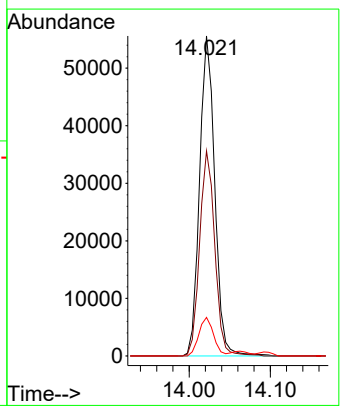


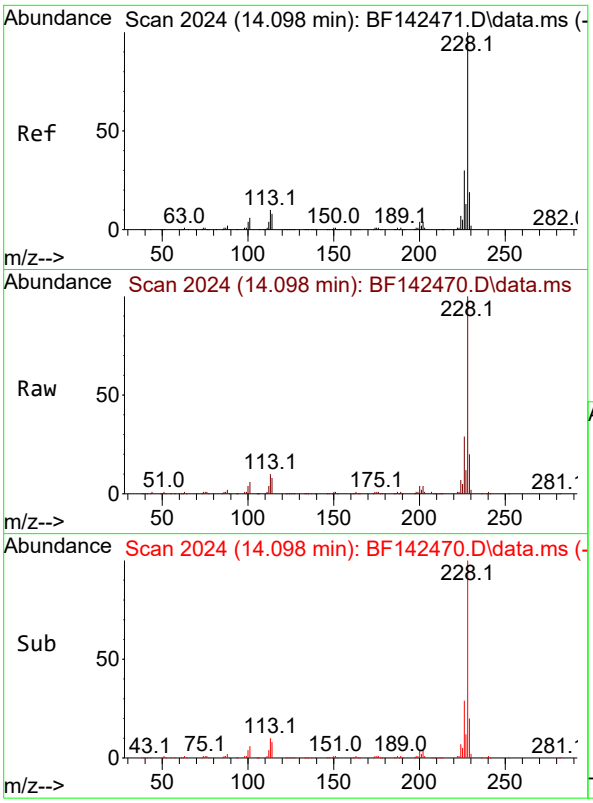


#82
3,3'-Dichlorobenzidine
Concen: 19.865 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 72218

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.0	78.0
126	12.1	8.9	13.3



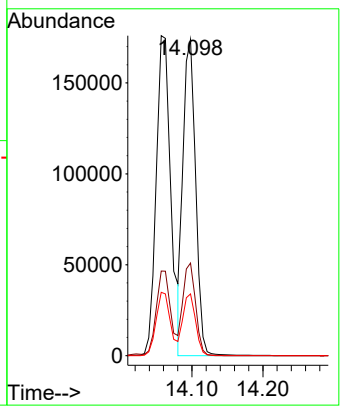


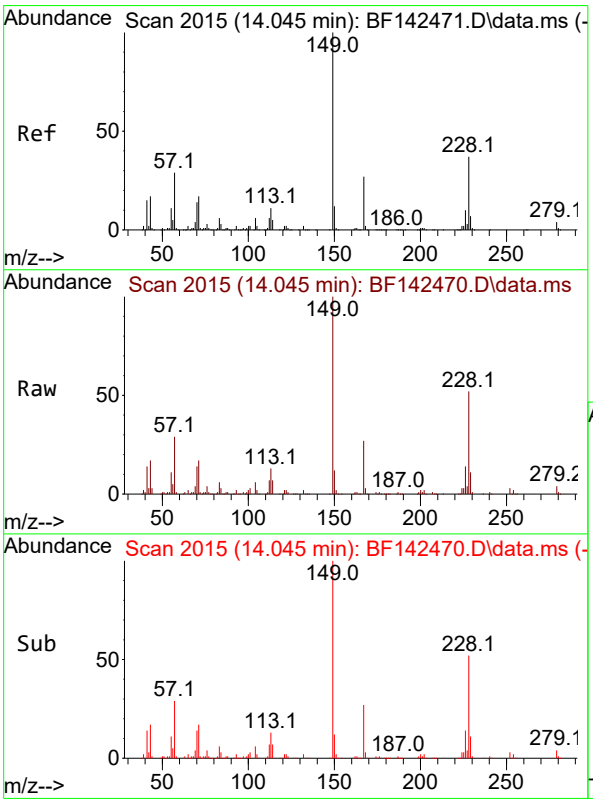
#83
Chrysene
Concen: 19.890 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 214213

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	19.5	15.4	23.2

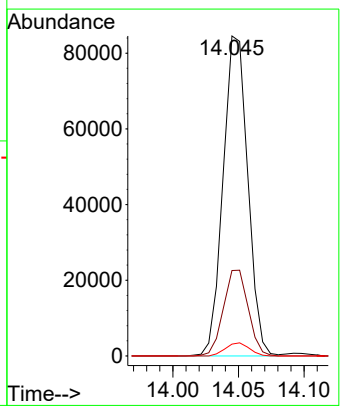


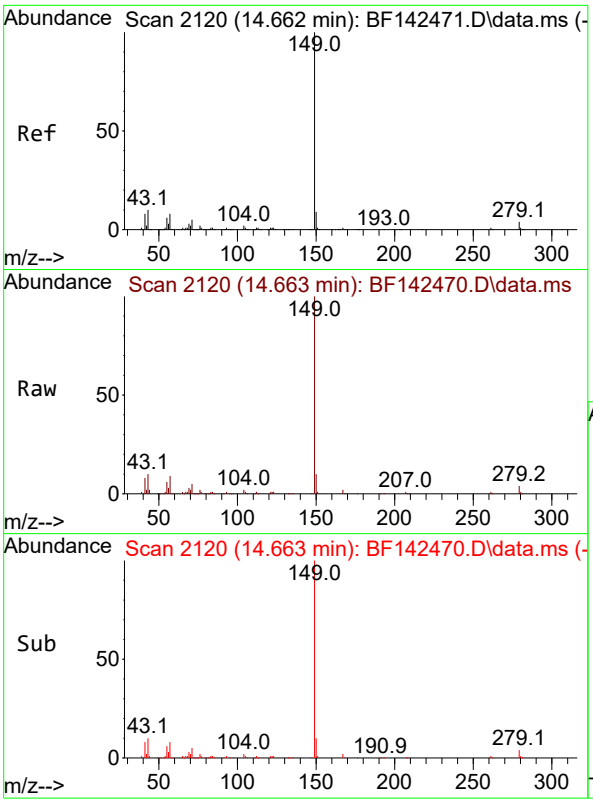


#84
Bis(2-ethylhexyl)phthalate
Concen: 18.743 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:149 Resp: 111015

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.5	32.3
279	3.7	3.2	4.8



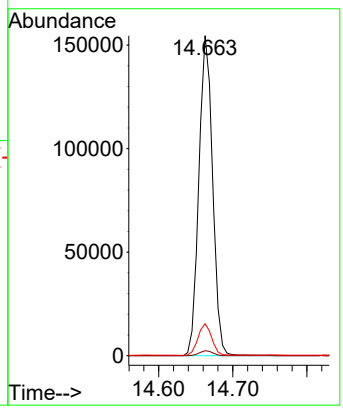


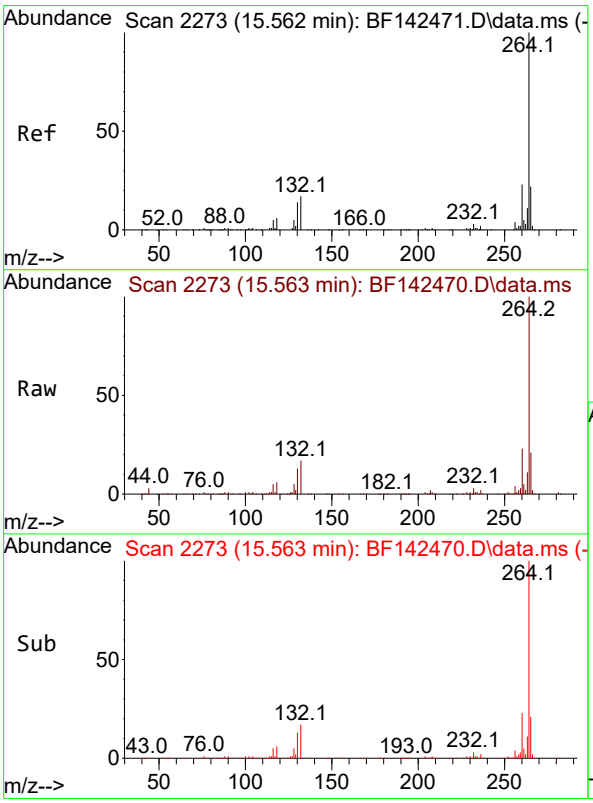
#85
Di-n-octyl phthalate
Concen: 17.166 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 198800

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9

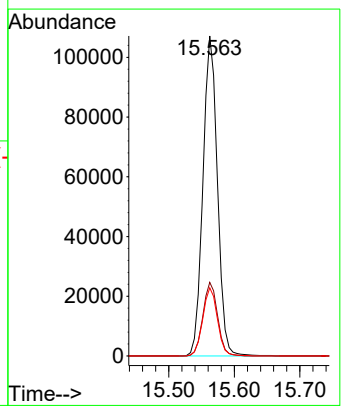


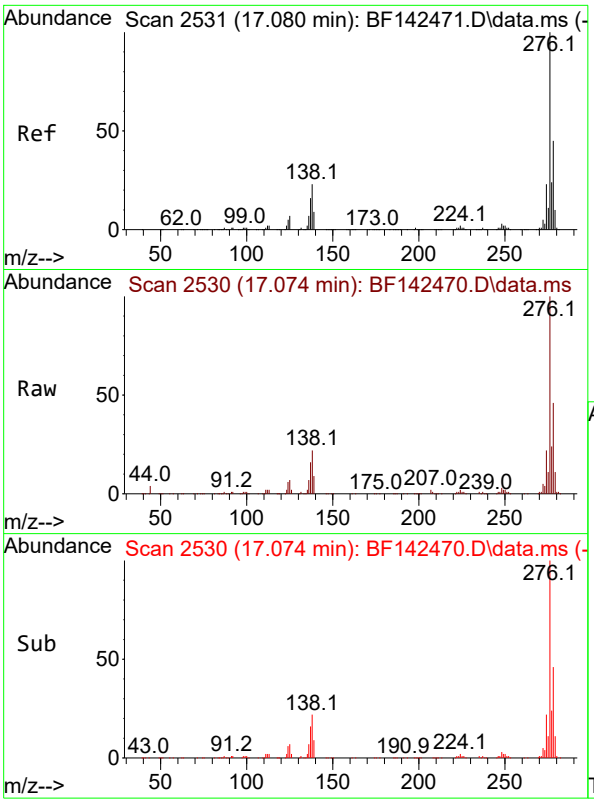


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:264 Resp: 165092

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.3	17.7	26.5



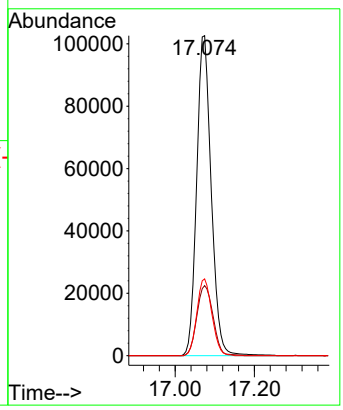


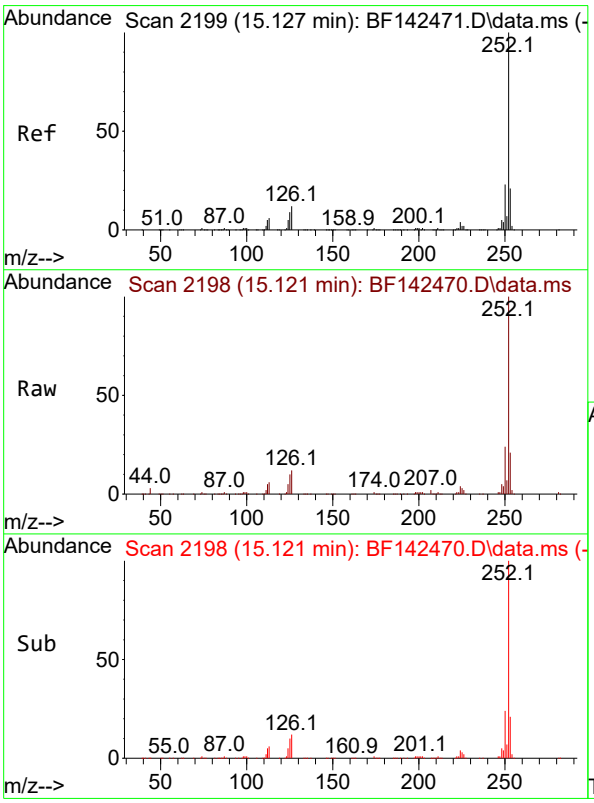
#87
Indeno(1,2,3-cd)pyrene
Concen: 21.080 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 261271

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.9	29.9
277	24.7	20.2	30.2

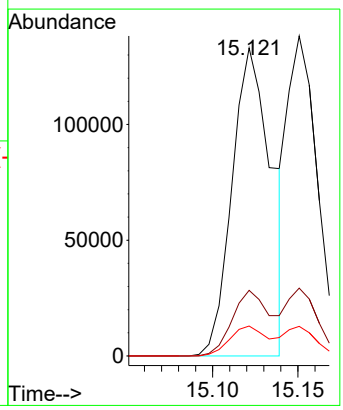


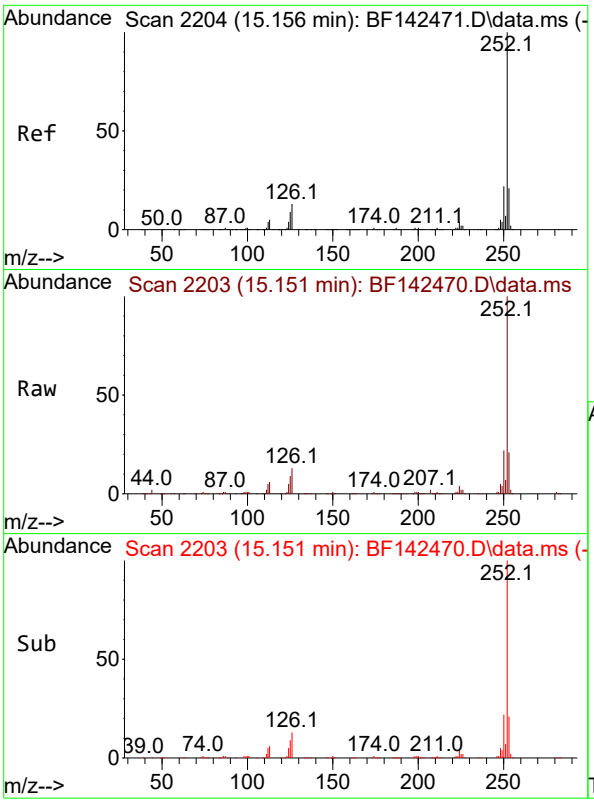


#88
Benzo(b)fluoranthene
Concen: 21.849 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 213487

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	9.7	7.4	11.0



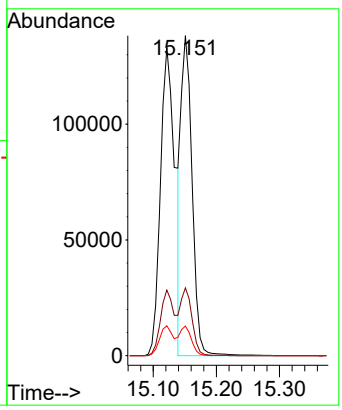


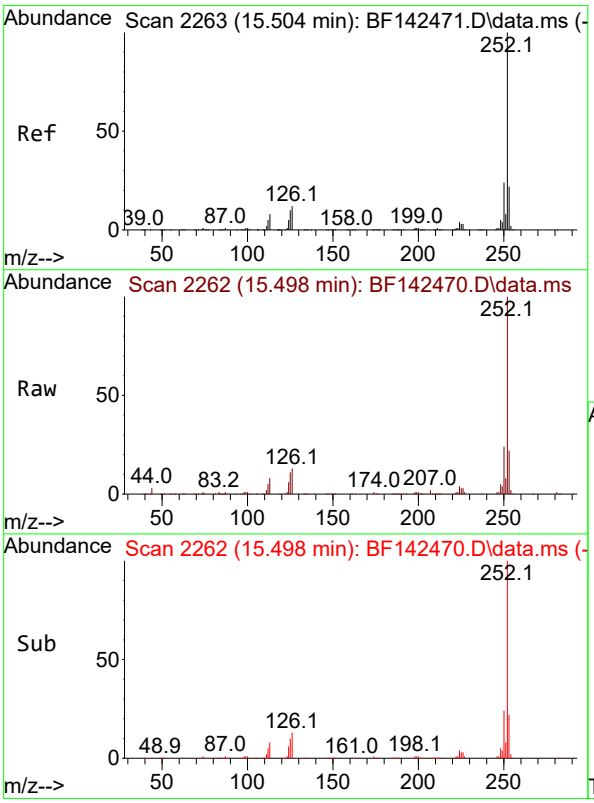
#89
Benzo(k)fluoranthene
Concen: 18.611 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 170316

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.3	7.3	10.9

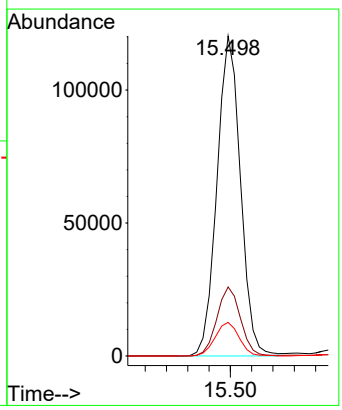


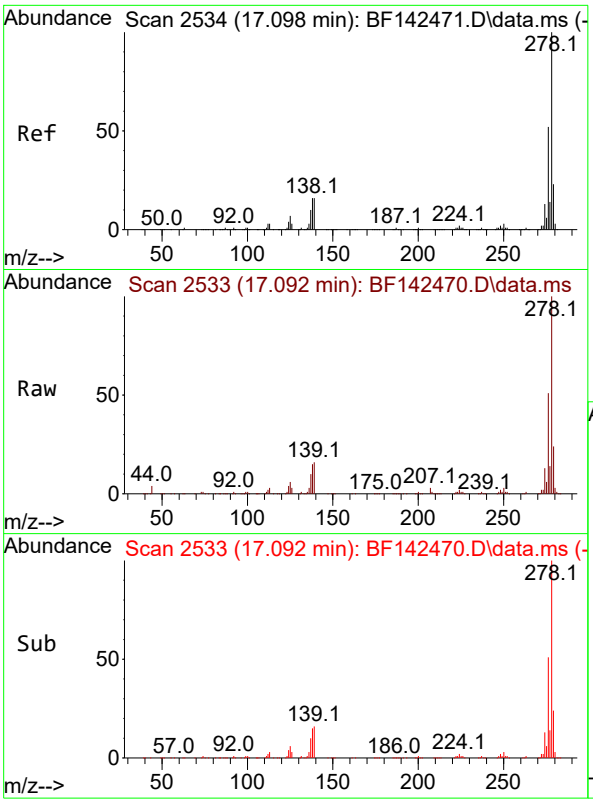


#90
Benzo(a)pyrene
Concen: 19.976 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:252 Resp: 183983

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	10.5	7.9	11.9



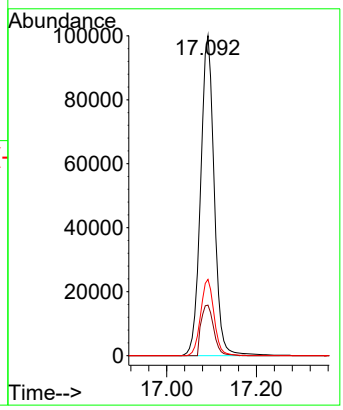


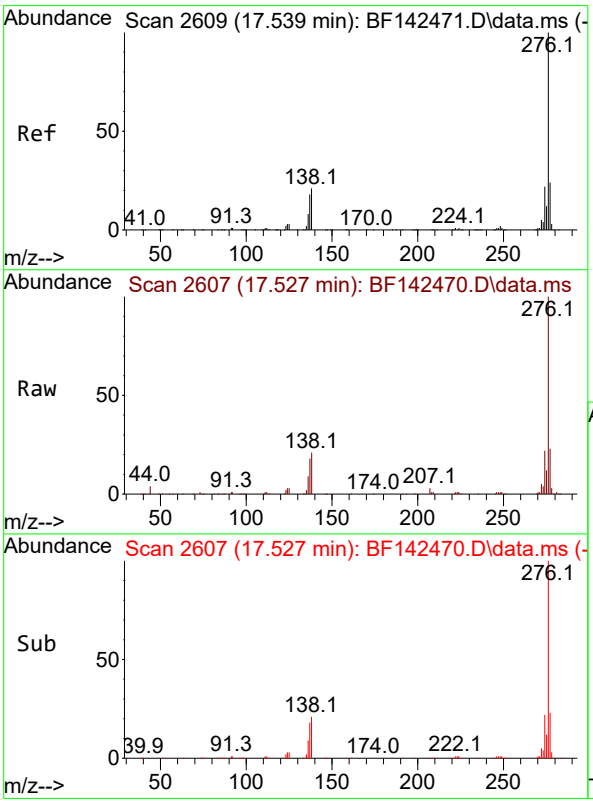
#91
Dibenzo(a,h)anthracene
Concen: 20.946 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 210557

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.8	18.6	28.0

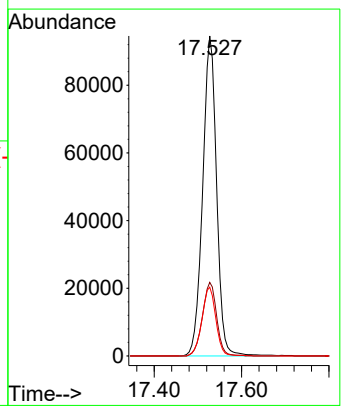




#92
Benzo(g,h,i)perylene
Concen: 20.859 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142470.D
Acq: 20 May 2025 13:36

Tgt Ion:276 Resp: 209719

Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	21.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	97580	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	377433	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	206343	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	343068	20.000	ng	0.00
76) Chrysene-d12	14.074	240	169022	20.000	ng	0.00
86) Perylene-d12	15.562	264	189289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	439258	75.840	ng	0.00
7) Phenol-d6	6.522	99	533569	76.529	ng	-0.01
23) Nitrobenzene-d5	7.463	82	537832	77.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	174483	76.189	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1144883	74.452	ng	0.00
79) Terphenyl-d14	13.015	244	962300	77.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	89364	38.557	ng	100
3) Pyridine	3.440	79	228376	38.694	ng	100
4) n-Nitrosodimethylamine	3.387	42	120777	39.412	ng	100
6) Aniline	6.563	93	359784	38.378	ng	100
8) 2-Chlorophenol	6.686	128	244270	38.720	ng	100
9) Benzaldehyde	6.451	77	159492	38.033	ng	100
10) Phenol	6.539	94	298690	38.073	ng	100
11) bis(2-Chloroethyl)ether	6.634	93	216144	38.275	ng	100
12) 1,3-Dichlorobenzene	6.839	146	271118	38.514	ng	100
13) 1,4-Dichlorobenzene	6.916	146	274616	38.727	ng	100
14) 1,2-Dichlorobenzene	7.069	146	258896	38.156	ng	100
15) Benzyl Alcohol	7.039	79	199176	38.657	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	364537	38.439	ng	100
17) 2-Methylphenol	7.145	107	190501	38.677	ng	100
18) Hexachloroethane	7.416	117	95436	38.543	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	164556	38.083	ng	100
20) 3+4-Methylphenols	7.304	107	243075	38.538	ng	100
22) Acetophenone	7.310	105	323676	38.740	ng	100
24) Nitrobenzene	7.486	77	243446	38.996	ng	100
25) Isophorone	7.722	82	447323	38.653	ng	100
26) 2-Nitrophenol	7.798	139	132248	39.646	ng	100
27) 2,4-Dimethylphenol	7.833	122	228588	38.858	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	274724	38.002	ng	100
29) 2,4-Dichlorophenol	8.039	162	208444	38.963	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	222613	38.342	ng	100
31) Naphthalene	8.210	128	710368	38.223	ng	100
32) Benzoic acid	7.939	122	142061	39.672	ng	100
33) 4-Chloroaniline	8.251	127	293373	38.957	ng	100
34) Hexachlorobutadiene	8.322	225	141200	38.949	ng	100
35) Caprolactam	8.622	113	59309	39.473	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	212728	38.800	ng	100
37) 2-Methylnaphthalene	8.898	142	445368	38.092	ng	100
38) 1-Methylnaphthalene	8.998	142	464365	38.397	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	227685	38.439	ng	100
41) Hexachlorocyclopentadiene	9.051	237	162314	40.622	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	153308	38.383	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

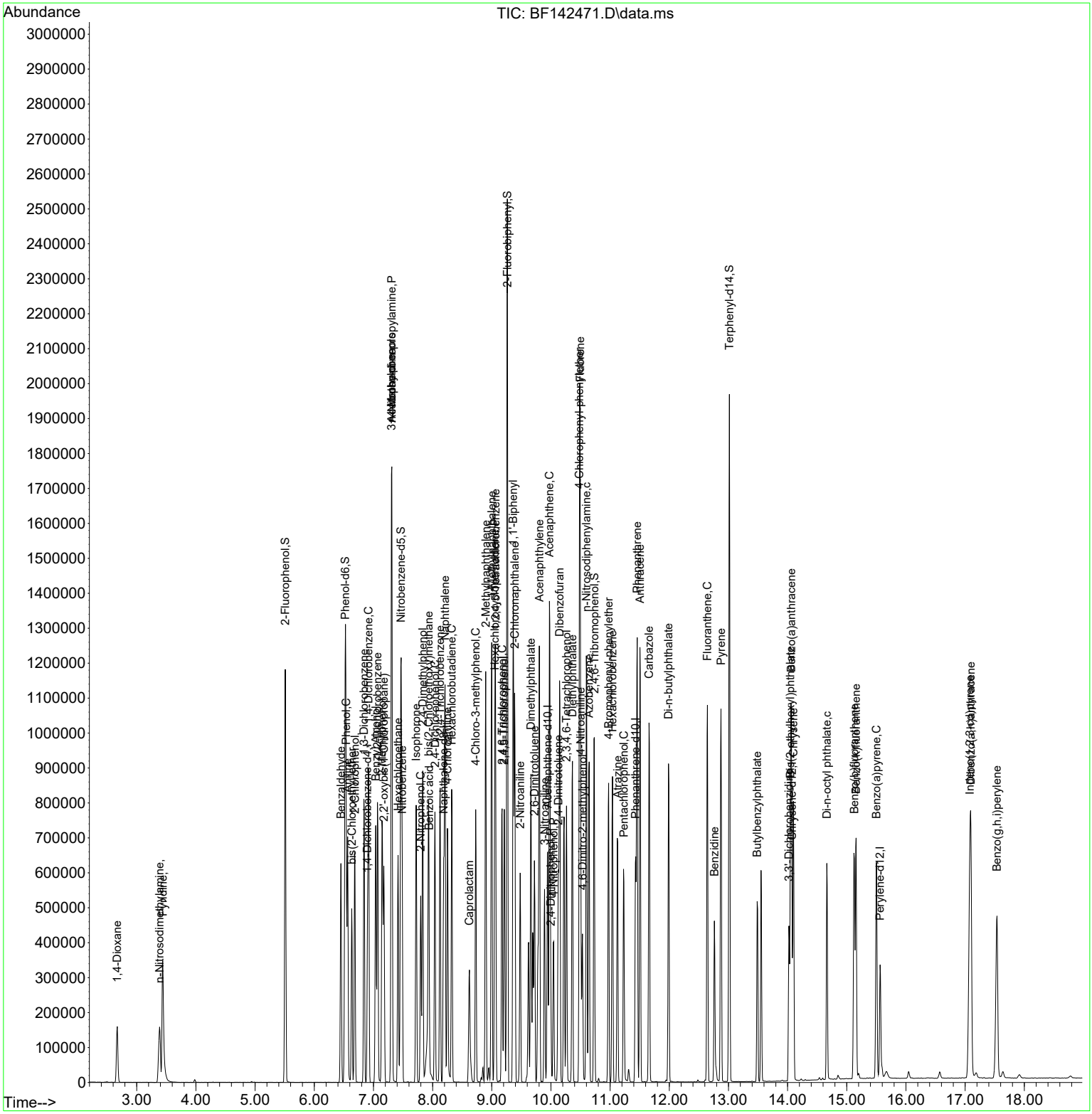
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	162880	38.667	ng	100
46) 1,1'-Biphenyl	9.363	154	610663	38.146	ng	100
47) 2-Chloronaphthalene	9.386	162	451638	38.185	ng	100
48) 2-Nitroaniline	9.480	65	133679	39.102	ng	100
49) Acenaphthylene	9.804	152	763730	38.240	ng	100
50) Dimethylphthalate	9.663	163	518078	38.051	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115691	39.370	ng	100
52) Acenaphthene	9.974	154	462249	37.904	ng	100
53) 3-Nitroaniline	9.892	138	123293	38.413	ng	100
54) 2,4-Dinitrophenol	9.998	184	61452	40.477	ng	100
55) Dibenzofuran	10.145	168	662626	37.758	ng	100
56) 4-Nitrophenol	10.045	139	93606	39.526	ng	100
57) 2,4-Dinitrotoluene	10.127	165	150036	39.095	ng	100
58) Fluorene	10.492	166	507836	37.457	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	137225	39.022	ng	100
60) Diethylphthalate	10.363	149	508183	38.217	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	251129	37.706	ng	100
62) 4-Nitroaniline	10.504	138	114265	39.253	ng	100
63) Azobenzene	10.645	77	456781	38.246	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	79121	41.326	ng	100
66) n-Nitrosodiphenylamine	10.598	169	445033	37.917	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	152348	37.556	ng	100
68) Hexachlorobenzene	11.039	284	171918	38.318	ng	100
69) Atrazine	11.127	200	121790	39.072	ng	100
70) Pentachlorophenol	11.233	266	100877	39.824	ng	100
71) Phenanthrene	11.457	178	694045	37.855	ng	100
72) Anthracene	11.504	178	711162	38.007	ng	100
73) Carbazole	11.657	167	610097	38.140	ng	100
74) Di-n-butylphthalate	11.986	149	669345	38.227	ng	100
75) Fluoranthene	12.645	202	643610	37.569	ng	100
77) Benzidine	12.763	184	269307	42.816	ng	100
78) Pyrene	12.874	202	628371	39.853	ng	100
80) Butylbenzylphthalate	13.486	149	177841	40.819	ng	100
81) Benzo(a)anthracene	14.062	228	431998	38.276	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	137438	40.148	ng	100
83) Chrysene	14.098	228	387081	38.168	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	227555	40.800	ng	100
85) Di-n-octyl phthalate	14.662	149	427995	39.246	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	548309	38.584	ng	100
88) Benzo(b)fluoranthene	15.127	252	426174	38.041	ng	100
89) Benzo(k)fluoranthene	15.156	252	394567	37.603	ng	100
90) Benzo(a)pyrene	15.504	252	409312	38.761	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	448372	38.903	ng	100
92) Benzo(g,h,i)perylene	17.539	276	446674	38.747	ng	100

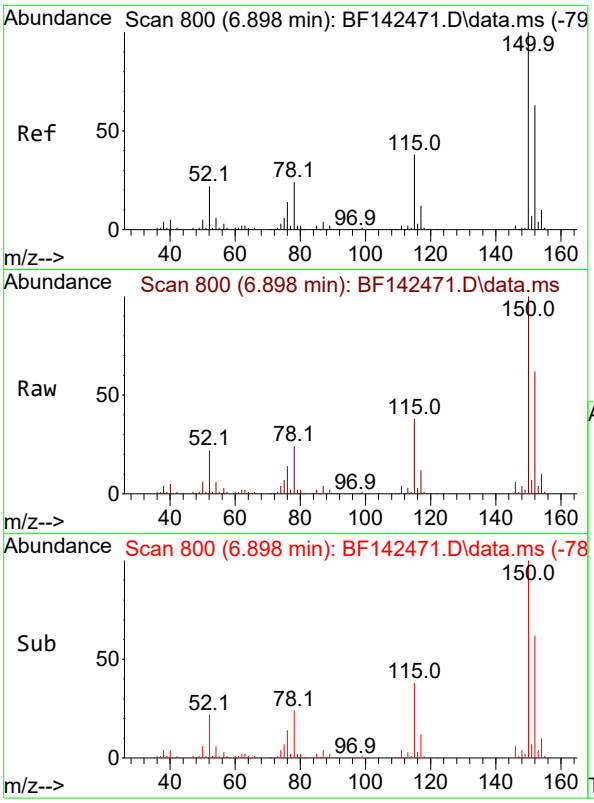
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142471.D
Acq On : 20 May 2025 14:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: May 20 16:55:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



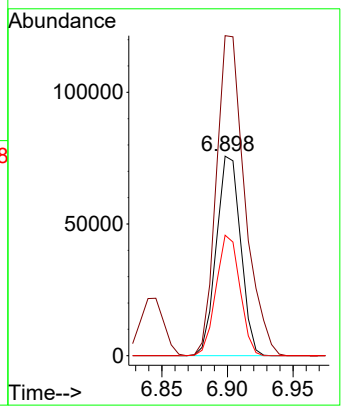


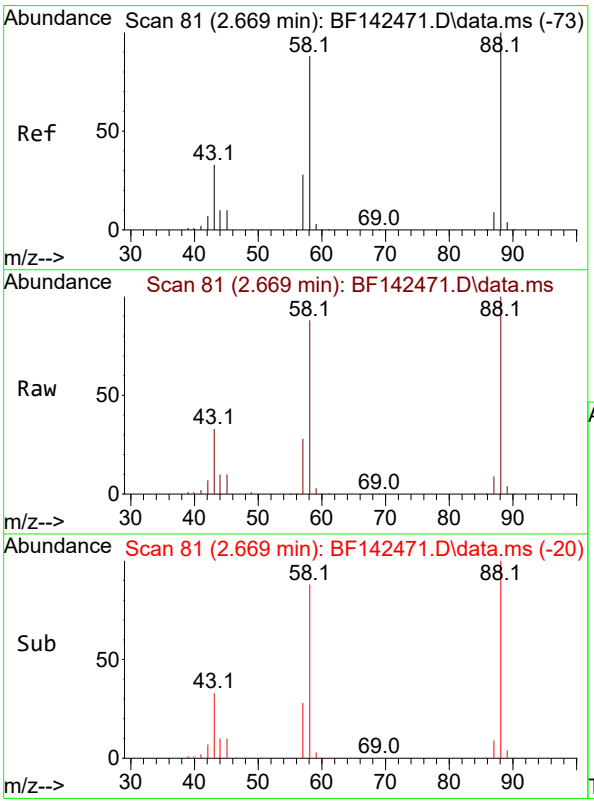
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 97580

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	60.4	48.3	72.5

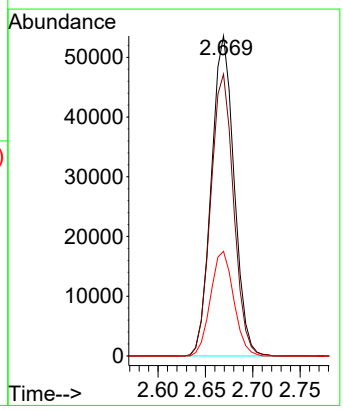


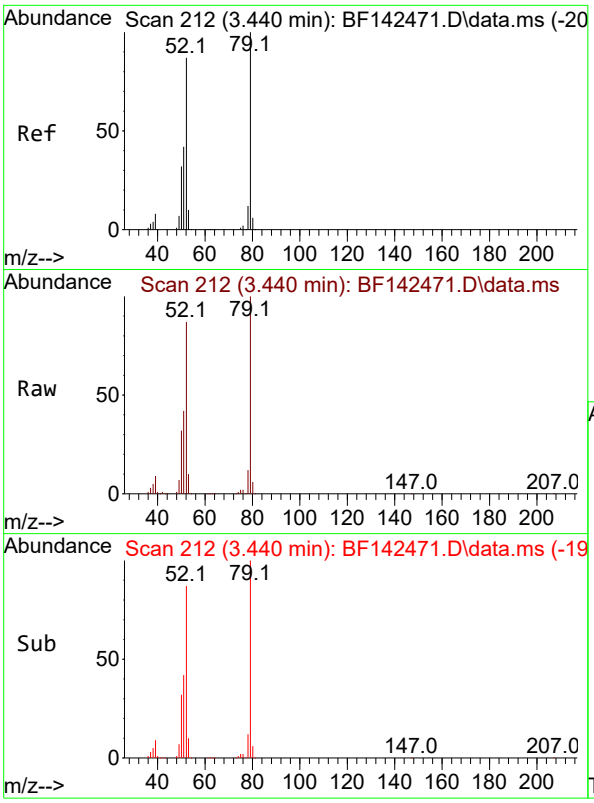


#2
1,4-Dioxane
Concen: 38.557 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 88 Resp: 89364

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.8	106.2
43	33.3	26.6	40.0



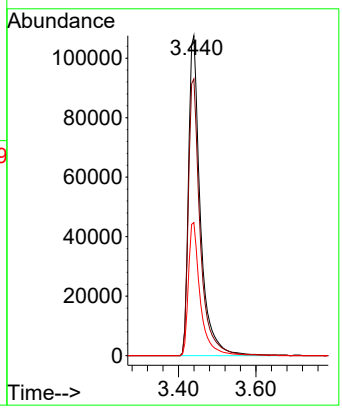


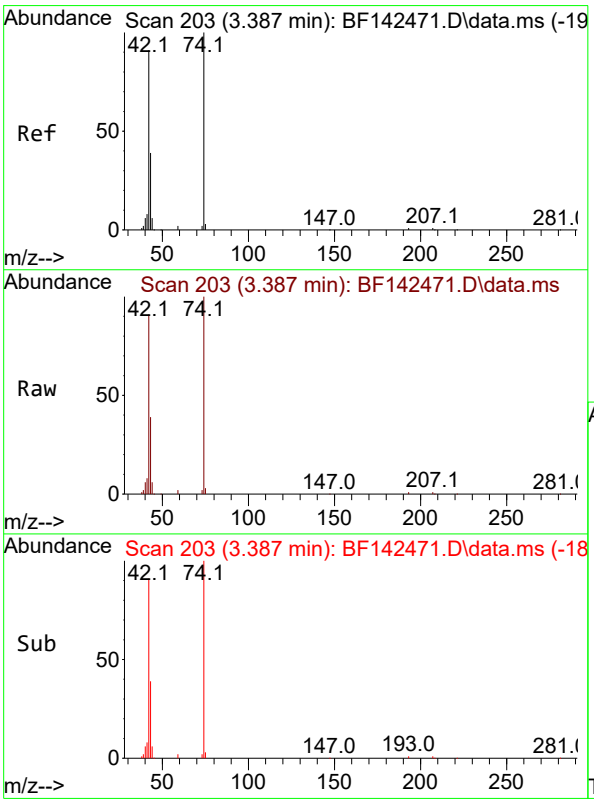
#3
Pyridine
Concen: 38.694 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 228376

Ion	Ratio	Lower	Upper
79	100		
52	86.5	69.2	103.8
51	41.6	33.3	49.9

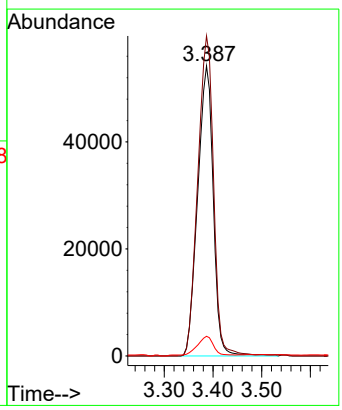


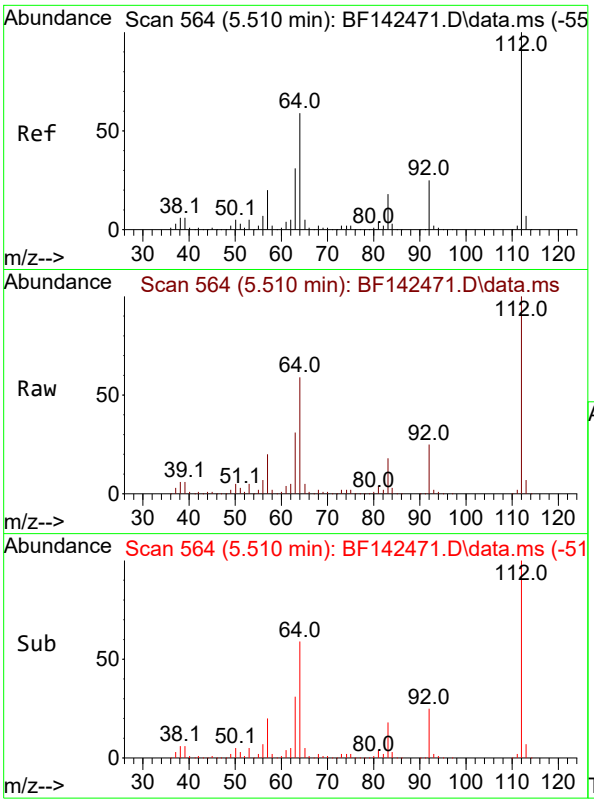


#4
n-Nitrosodimethylamine
Concen: 39.412 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 42 Resp: 120777

Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	6.8	5.4	8.2



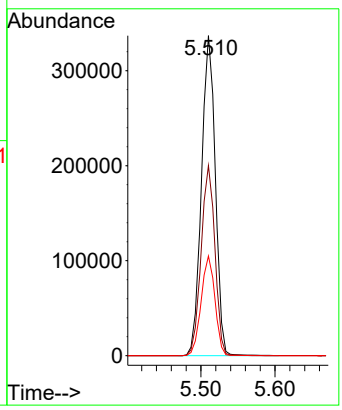


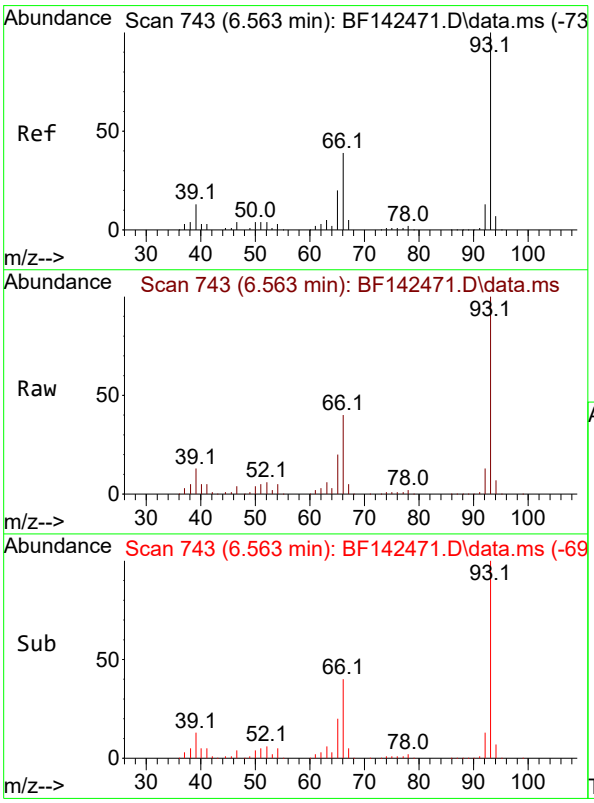
#5
2-Fluorophenol
Concen: 75.840 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 439258

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.5	71.3
63	31.1	24.9	37.3

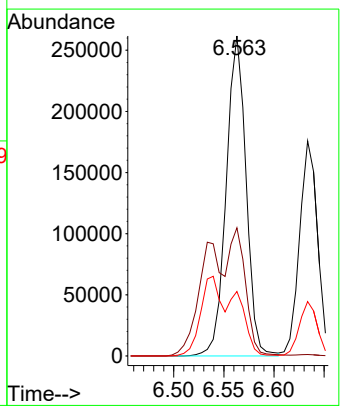


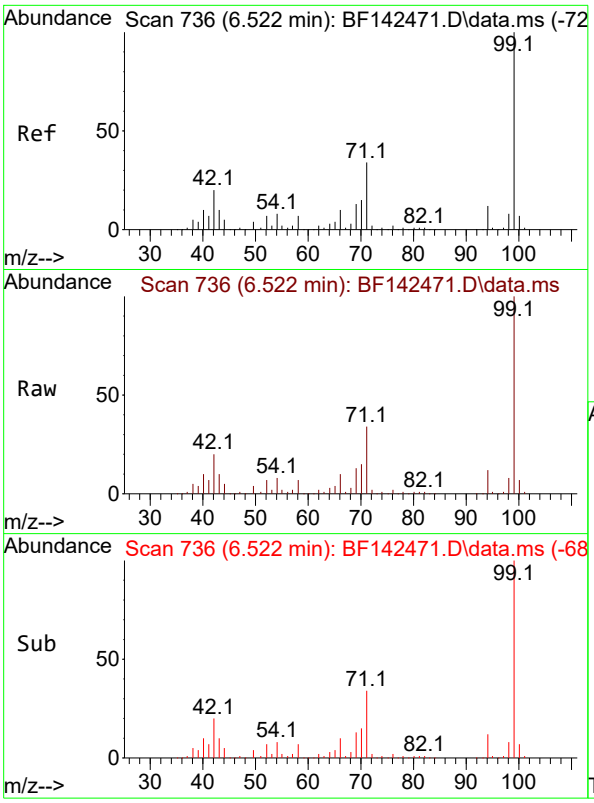


#6
Aniline
Concen: 38.378 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 359784

Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.0	48.0
65	20.1	16.1	24.1



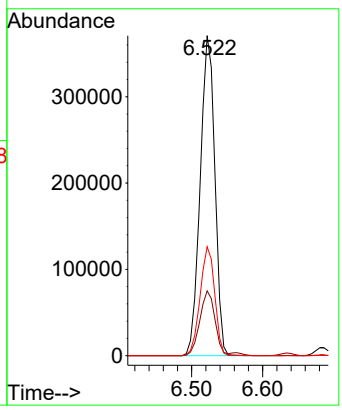


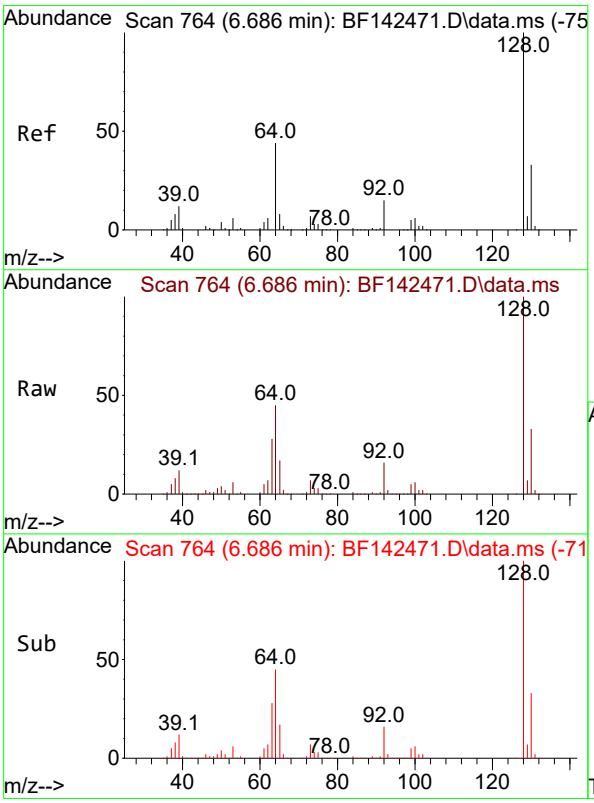
#7
Phenol-d6
Concen: 76.529 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 533569

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.1	27.3	40.9

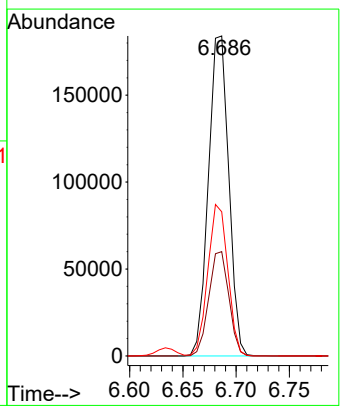


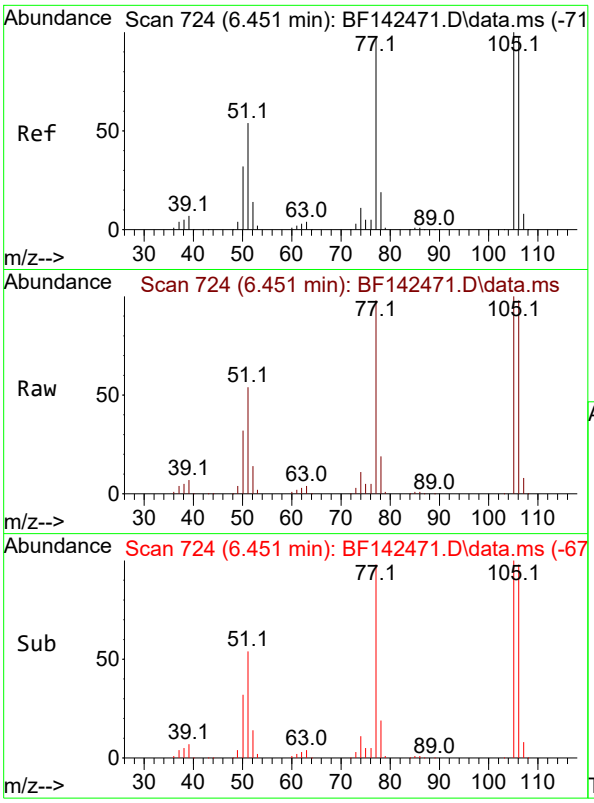


#8
2-Chlorophenol
Concen: 38.720 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:128 Resp: 244270

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	45.1	25.1	65.1



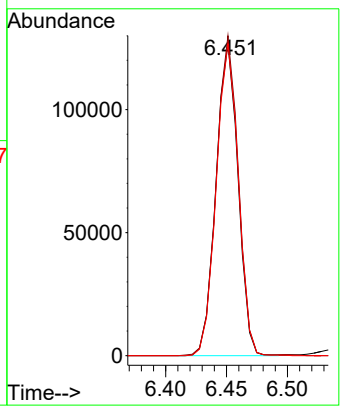


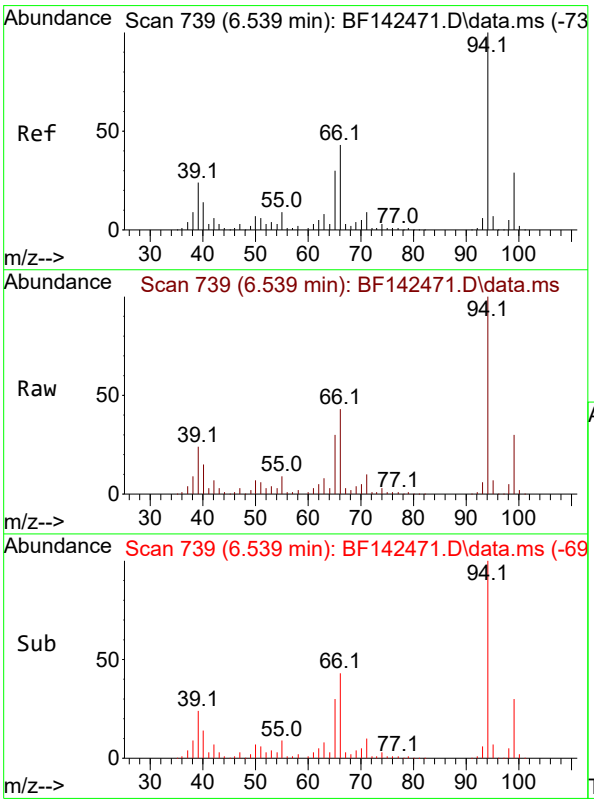
#9
Benzaldehyde
Concen: 38.033 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 159492

Ion	Ratio	Lower	Upper
77	100		
105	102.5	82.5	122.5
106	100.0	80.0	120.0

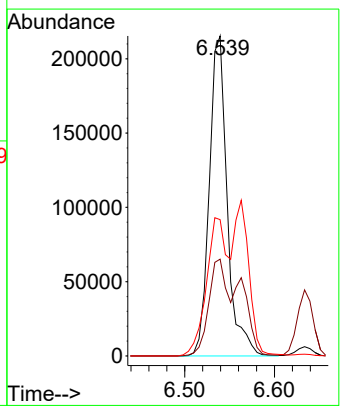


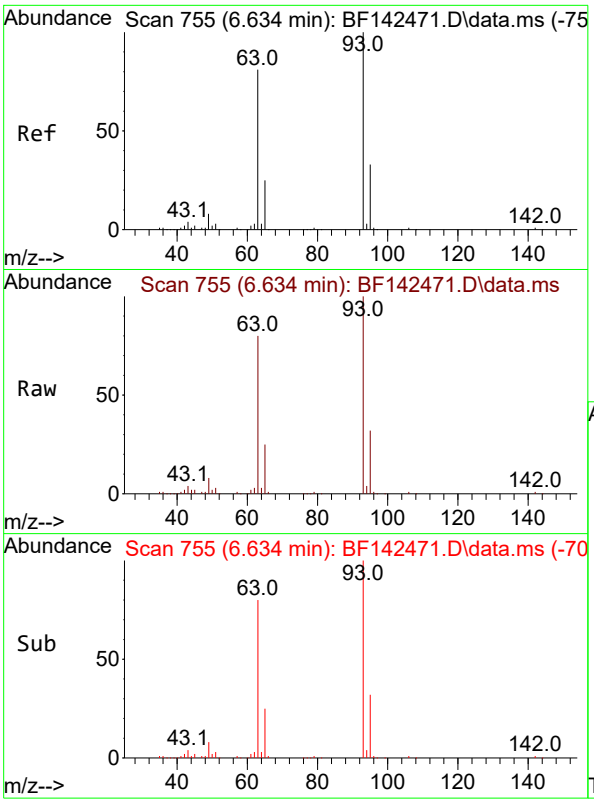


#10
Phenol
Concen: 38.073 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 94 Resp: 298690

Ion	Ratio	Lower	Upper
94	100		
65	30.3	10.3	50.3
66	42.6	22.6	62.6



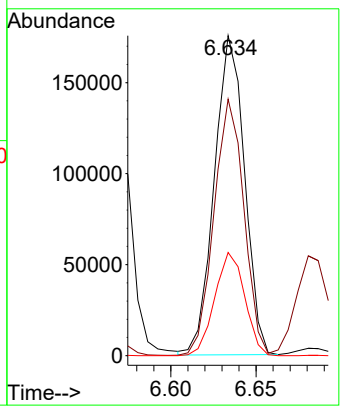


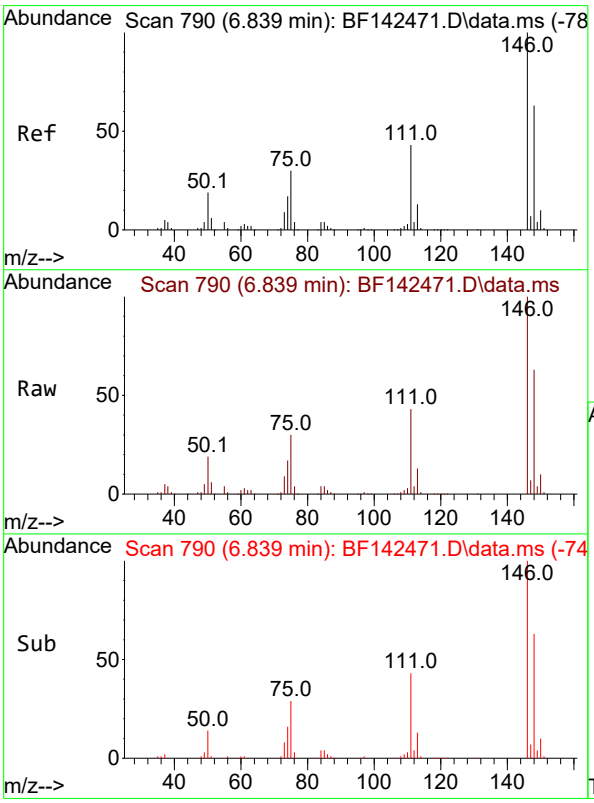
#11
bis(2-Chloroethyl)ether
Concen: 38.275 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 216144

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	32.3	12.3	52.3

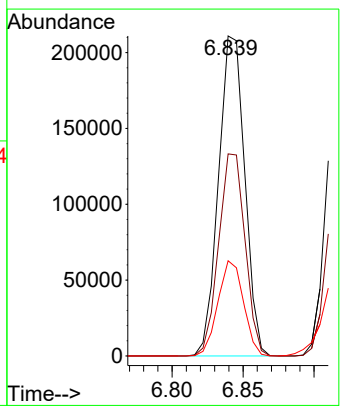


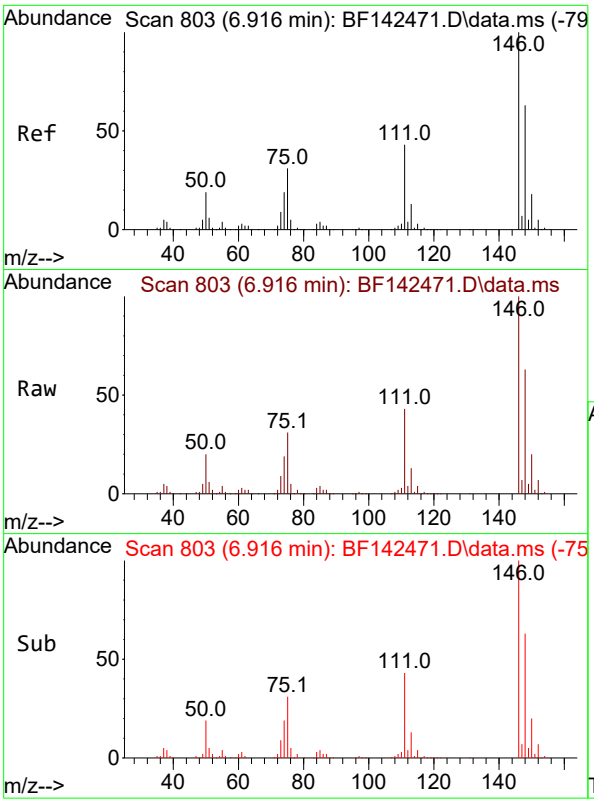


#12
1,3-Dichlorobenzene
Concen: 38.514 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:146 Resp: 271118

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	29.7	23.8	35.6



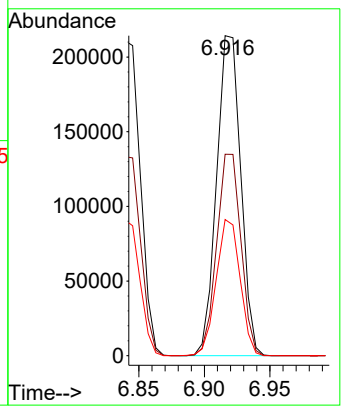


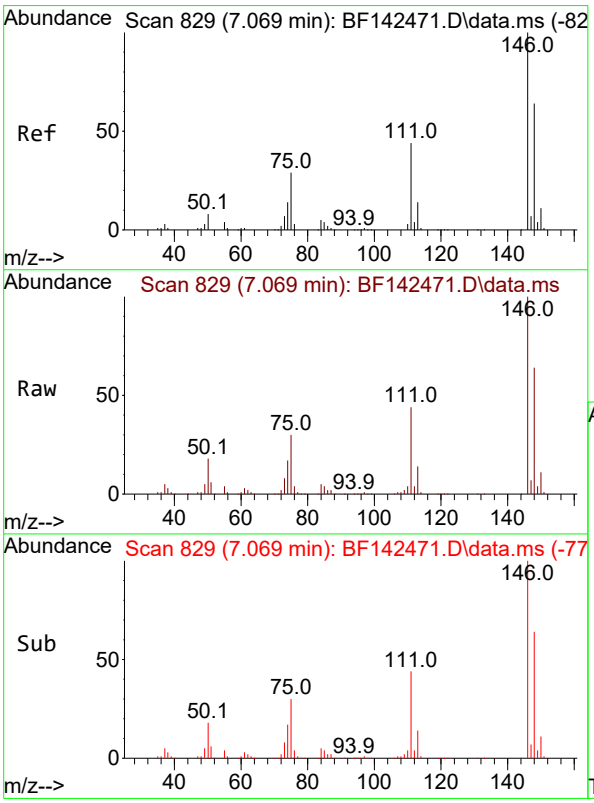
#13
1,4-Dichlorobenzene
Concen: 38.727 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 274616

Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	42.6	34.1	51.1

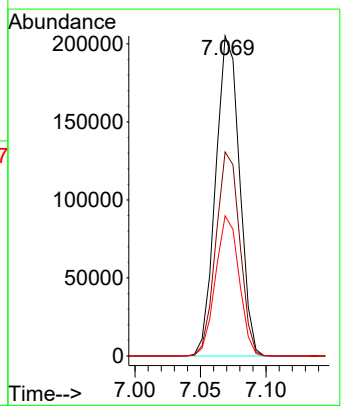


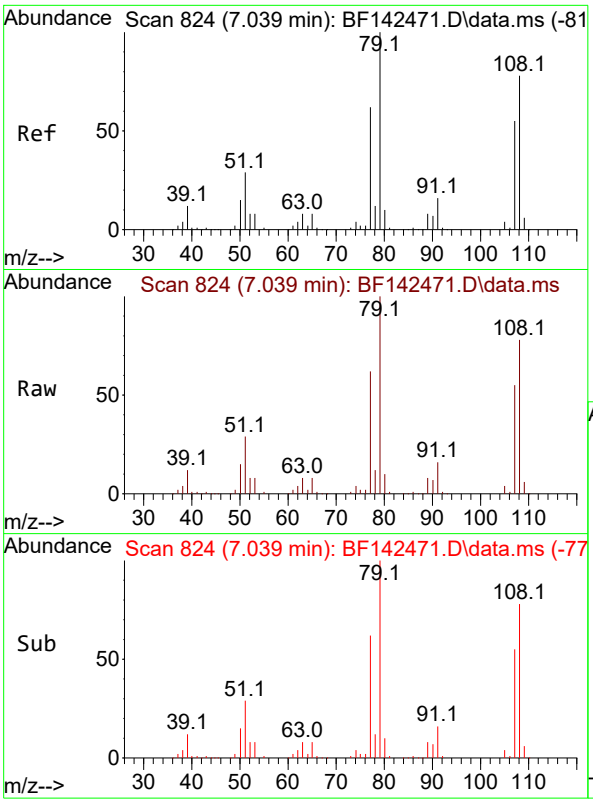


#14
1,2-Dichlorobenzene
Concen: 38.156 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:146 Resp: 258896

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	43.8	35.0	52.6



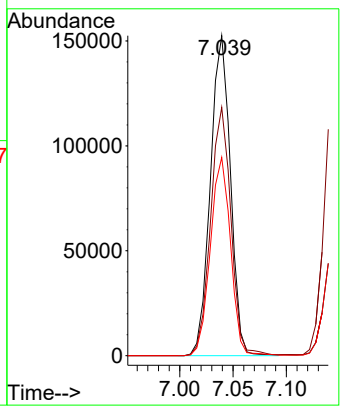


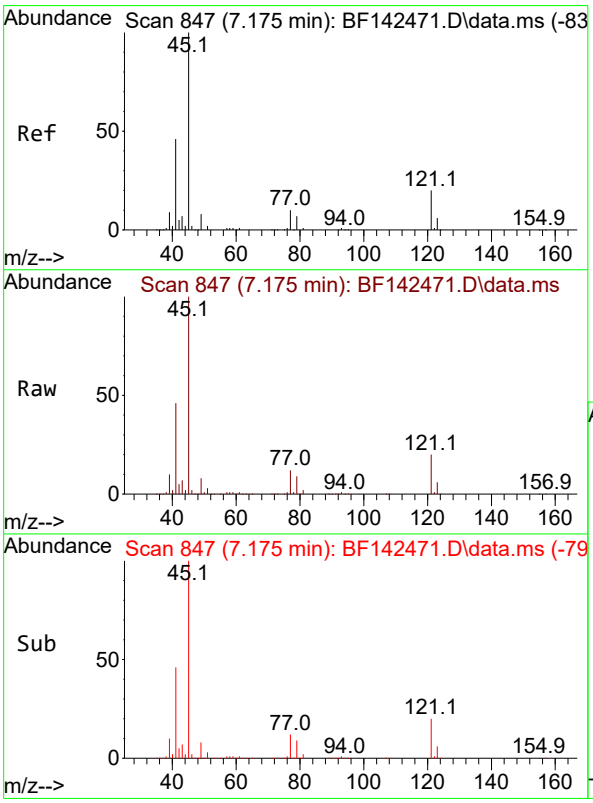
#15
Benzyl Alcohol
Concen: 38.657 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 199176

Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.1	93.1
77	61.9	49.5	74.3

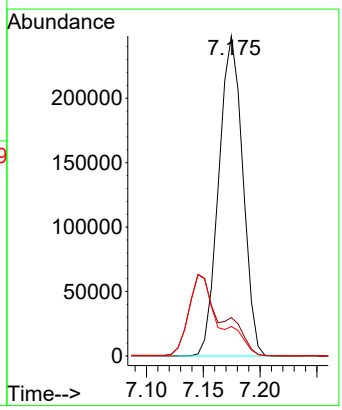


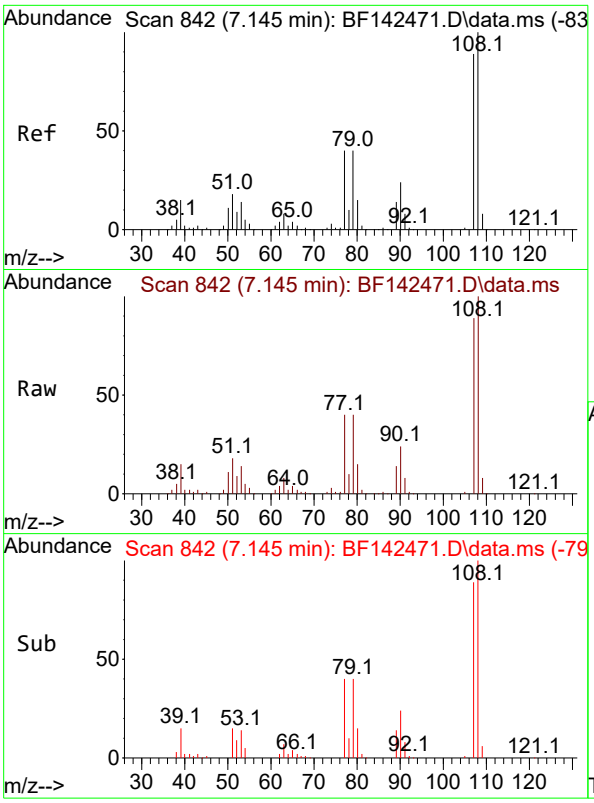


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.439 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 45 Resp: 364537

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.2	0.0	29.2



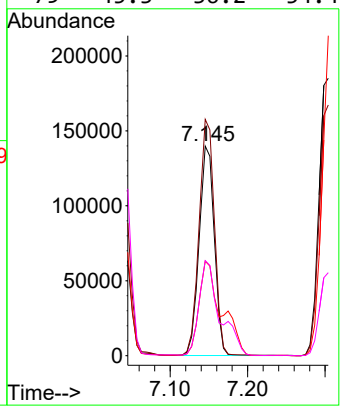


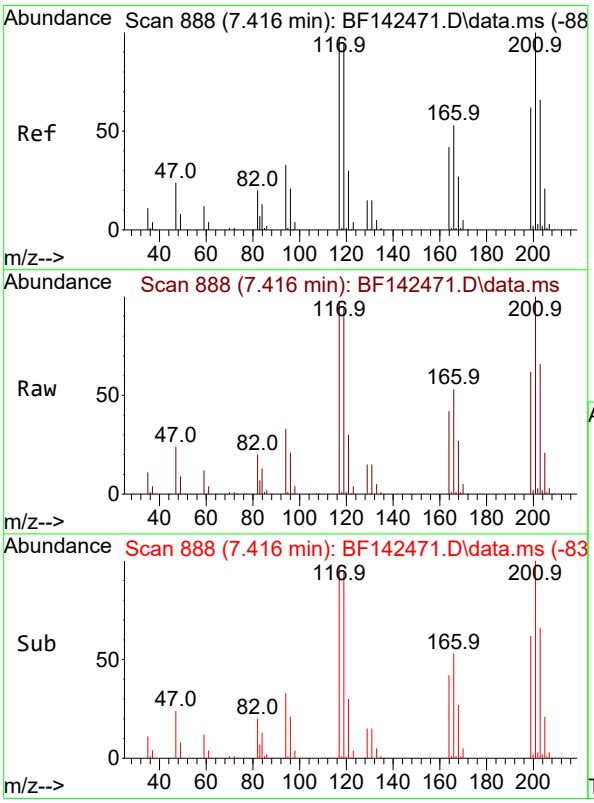
#17
2-Methylphenol
Concen: 38.677 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 190501

Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	45.1	36.1	54.1
79	45.3	36.2	54.4

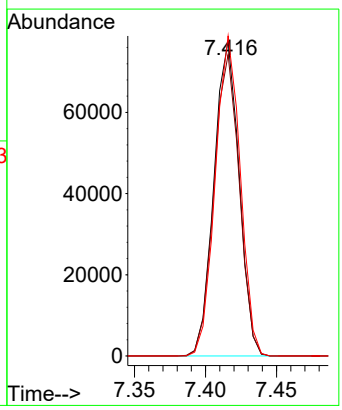


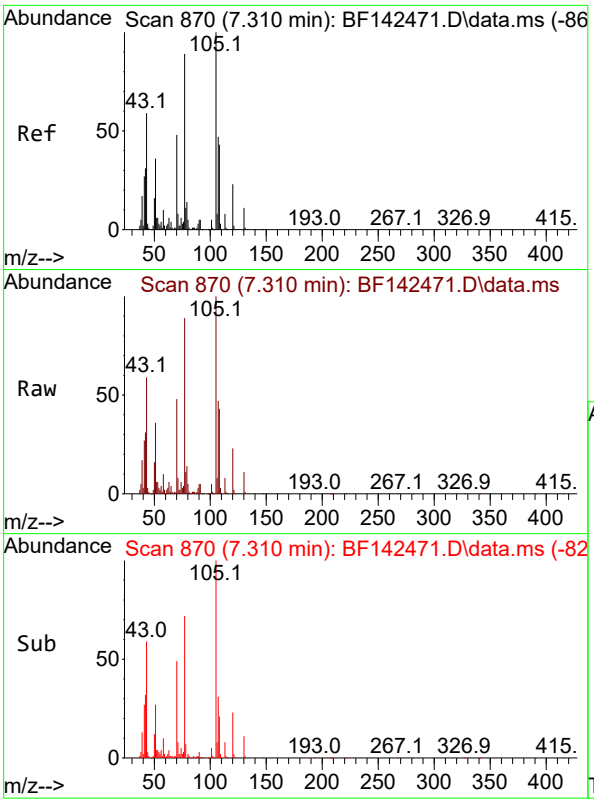


#18
Hexachloroethane
Concen: 38.543 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:117 Resp: 95436

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	101.6	81.3	121.9



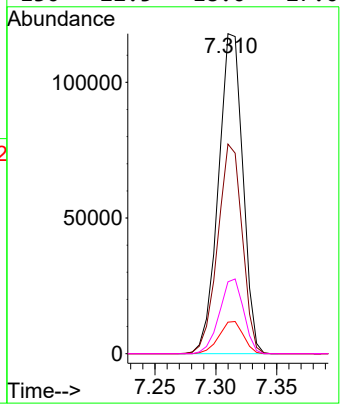


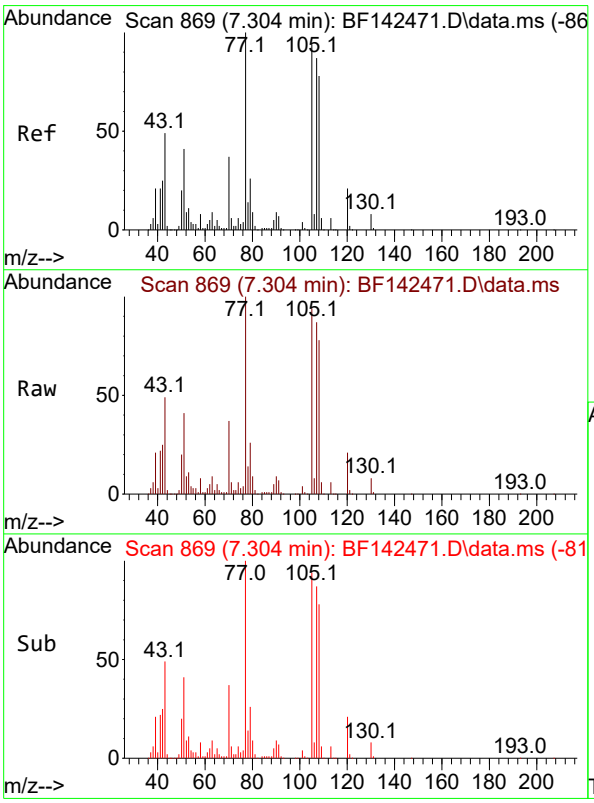
#19
n-Nitroso-di-n-propylamine
Concen: 38.083 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 164556

Ion	Ratio	Lower	Upper
70	100		
42	65.5	52.4	78.6
101	9.8	7.8	11.8
130	22.5	18.0	27.0

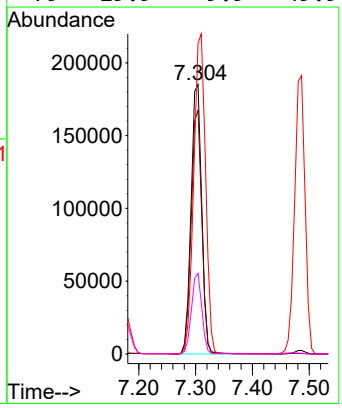


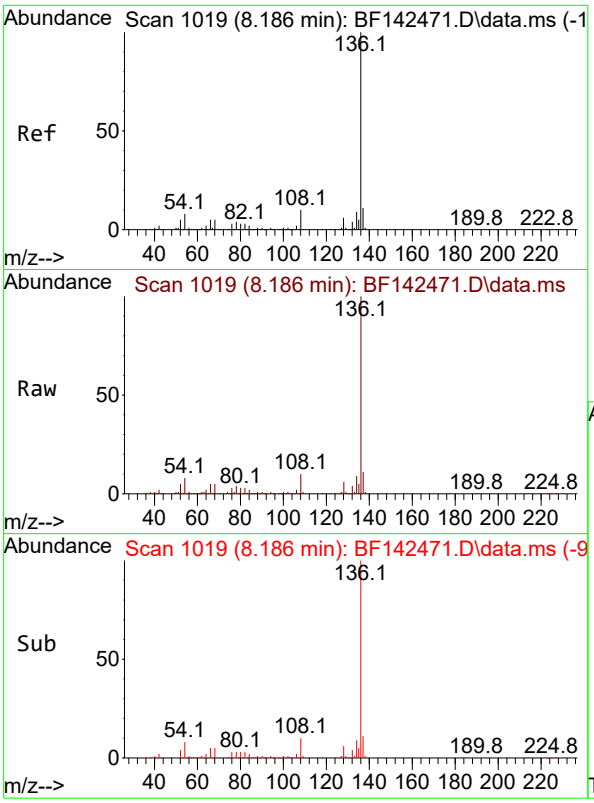


#20
3+4-Methylphenols
Concen: 38.538 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 243075

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.4	110.4
77	115.4	95.4	135.4
79	29.9	9.9	49.9



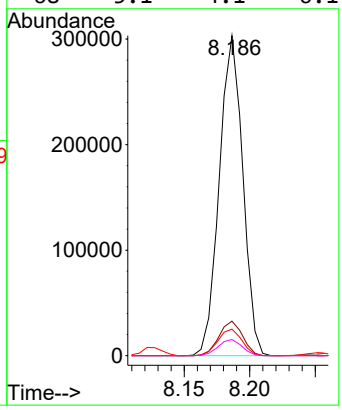


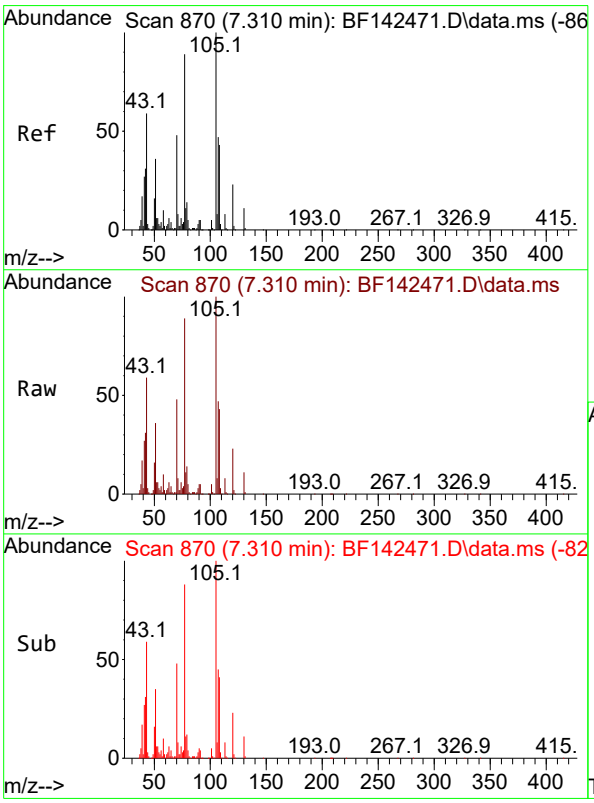
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 377433

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	6.6	10.0
68	5.1	4.1	6.1

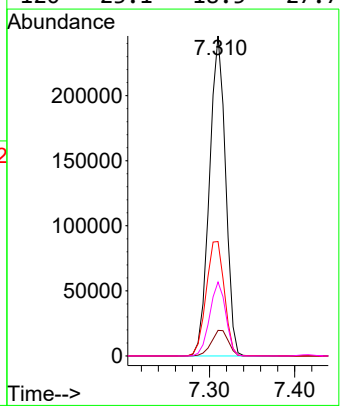


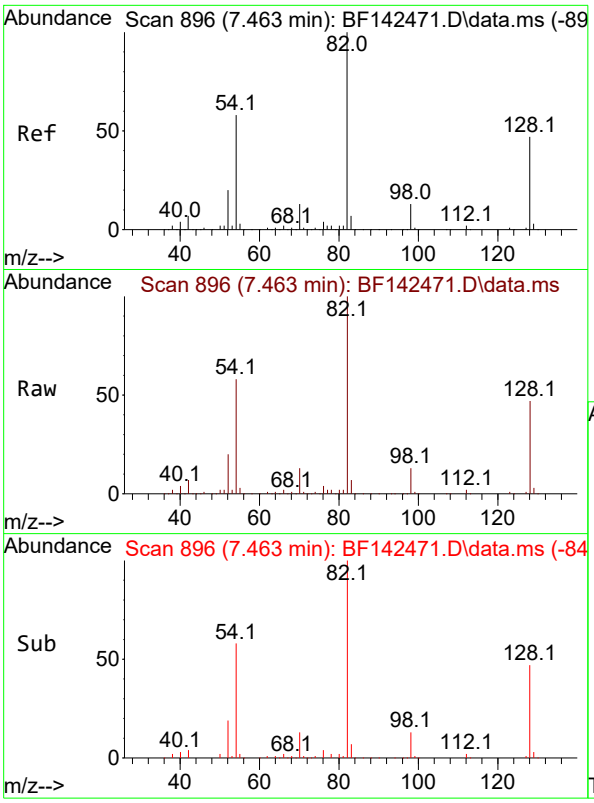


#22
Acetophenone
Concen: 38.740 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:105 Resp: 323676

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	35.7	28.6	42.8
120	23.1	18.5	27.7



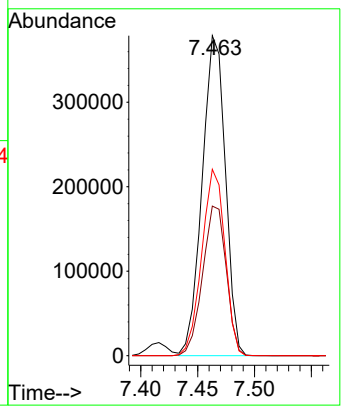


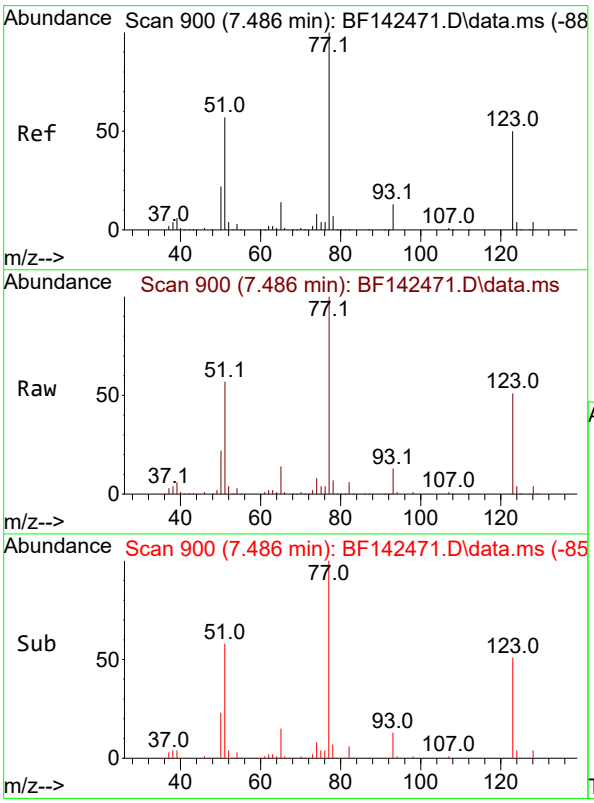
#23
Nitrobenzene-d5
Concen: 77.702 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 537832

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	58.3	46.6	70.0

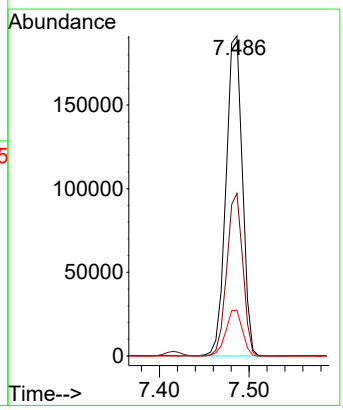


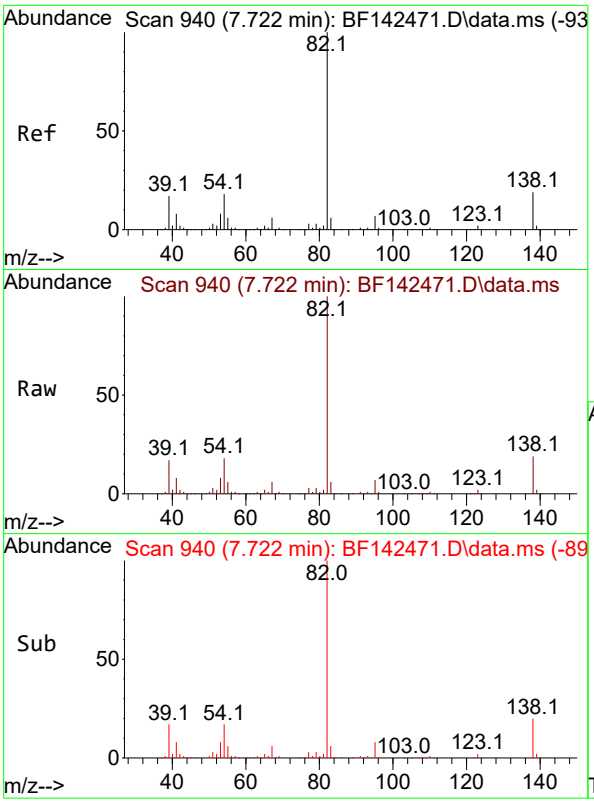


#24
Nitrobenzene
Concen: 38.996 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 77 Resp: 243446

Ion	Ratio	Lower	Upper
77	100		
123	50.8	40.6	61.0
65	14.3	11.4	17.2



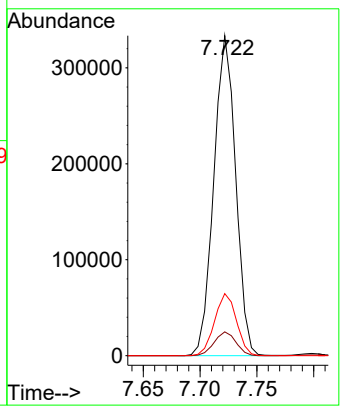


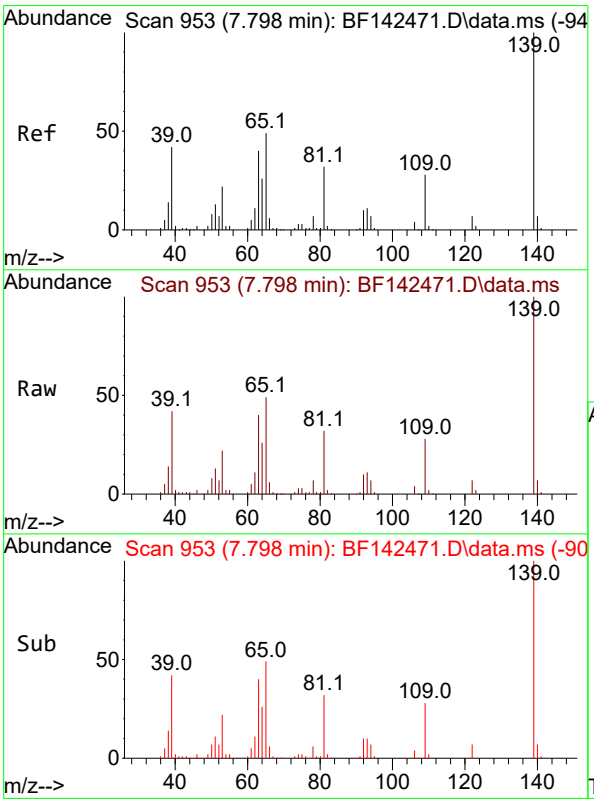
#25
Isophorone
Concen: 38.653 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 447323

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.4	15.5	23.3

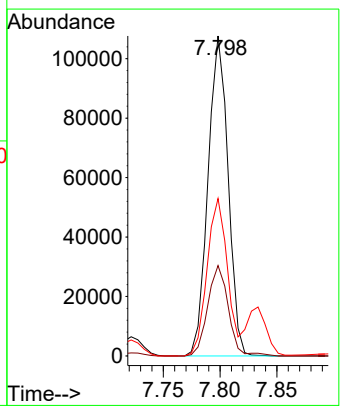


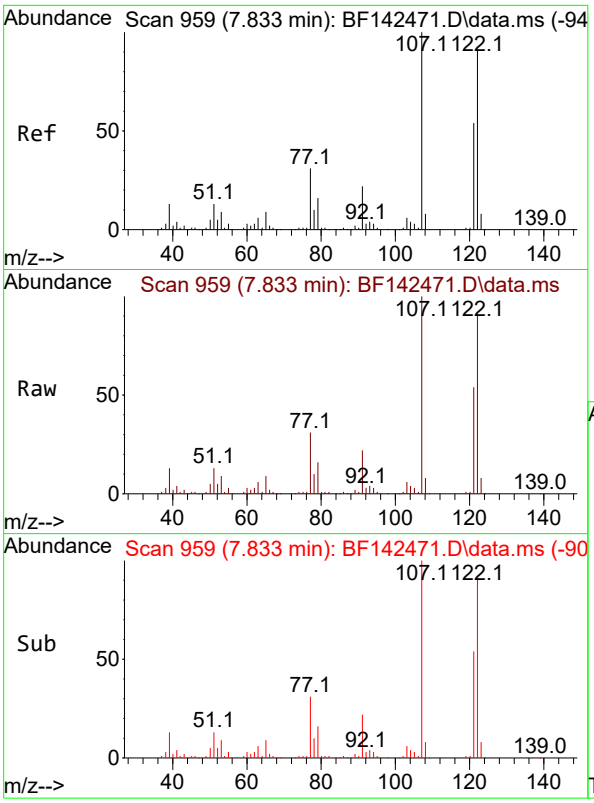


#26
2-Nitrophenol
Concen: 39.646 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:139 Resp: 132248

Ion	Ratio	Lower	Upper
139	100		
109	28.2	22.6	33.8
65	49.2	39.4	59.0



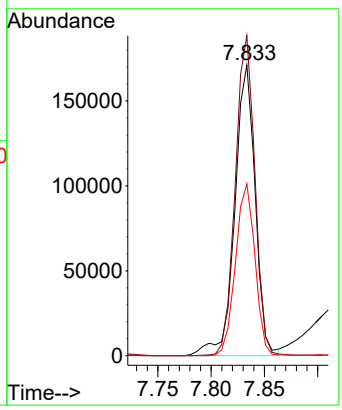


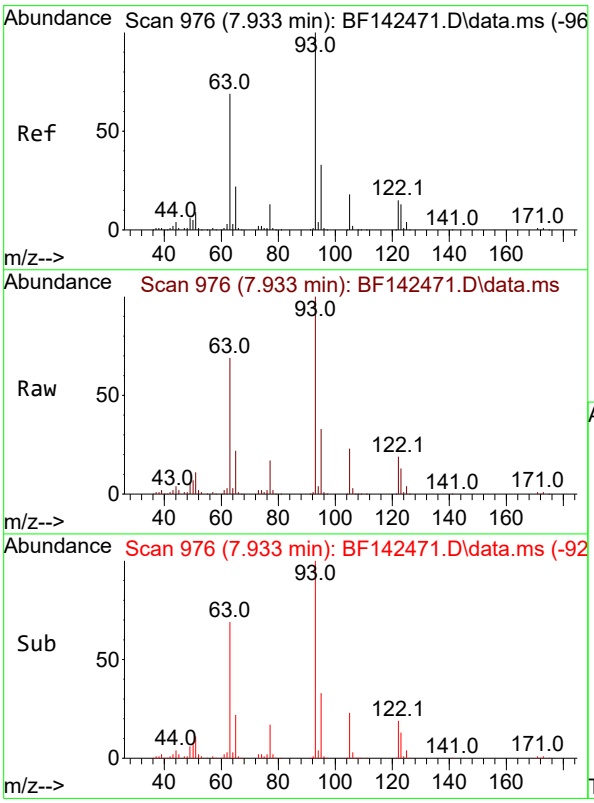
#27
2,4-Dimethylphenol
Concen: 38.858 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 228588

Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.1	132.1
121	59.1	47.3	70.9

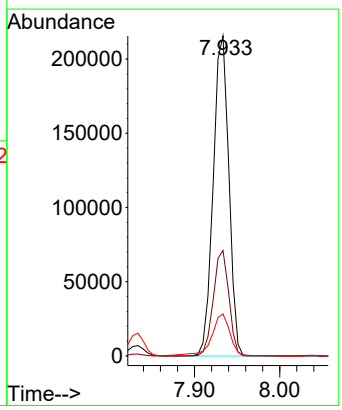


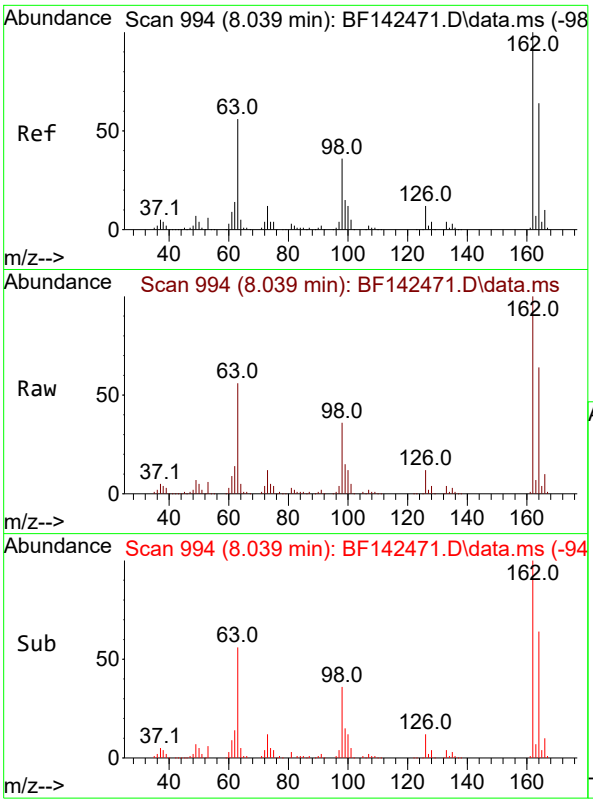


#28
bis(2-Chloroethoxy)methane
Concen: 38.002 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 93 Resp: 274724

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.4	39.6
123	13.2	10.6	15.8



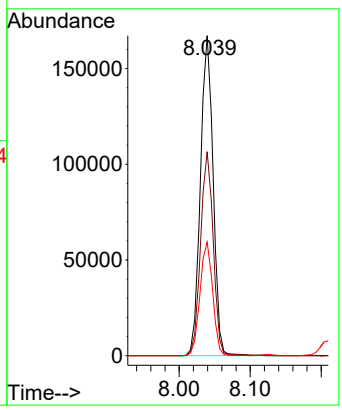


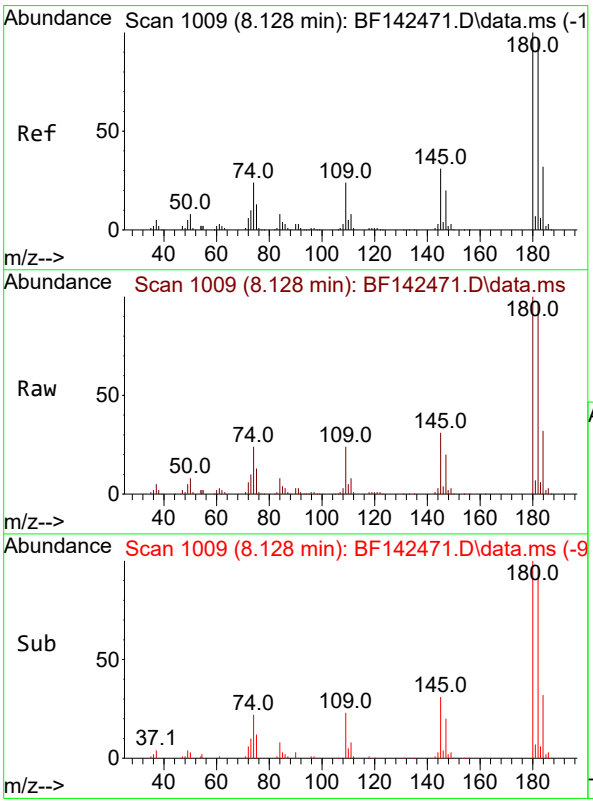
#29
2,4-Dichlorophenol
Concen: 38.963 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 208444

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.7	83.7
98	35.5	15.5	55.5

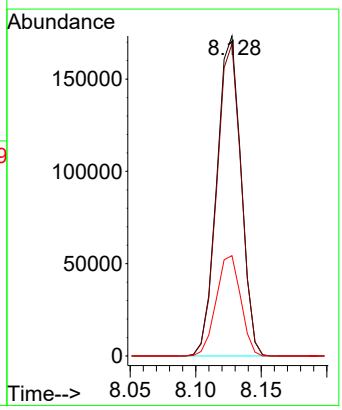


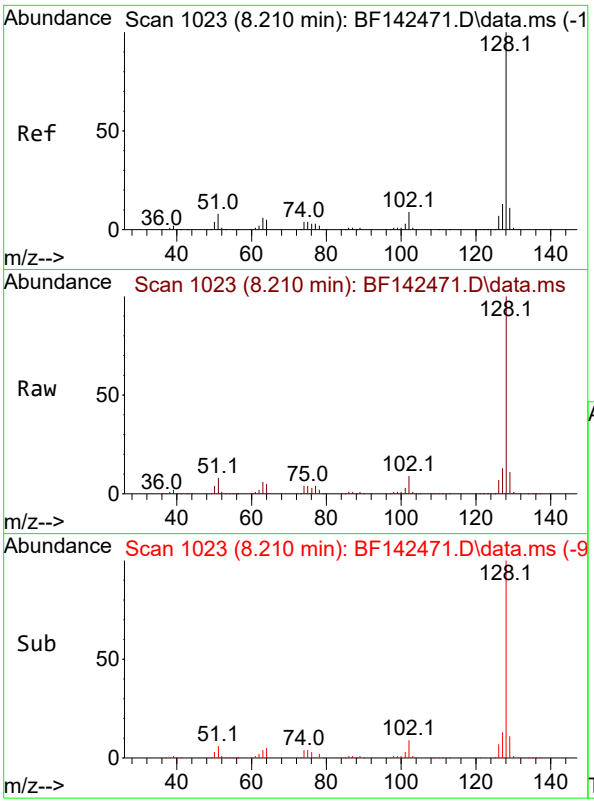


#30
1,2,4-Trichlorobenzene
Concen: 38.342 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:180 Resp: 222613

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	31.3	25.0	37.6



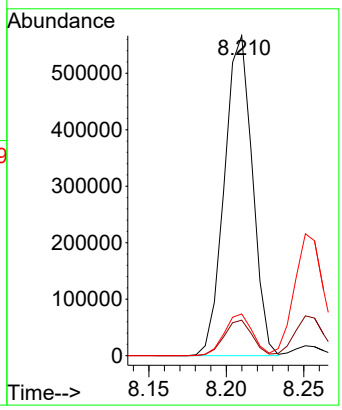


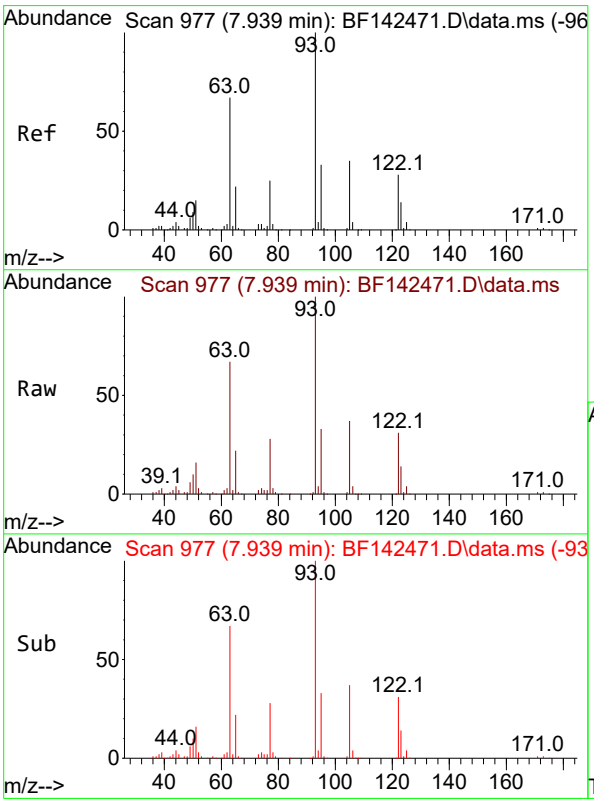
#31
Naphthalene
Concen: 38.223 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 710368

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.5	15.7

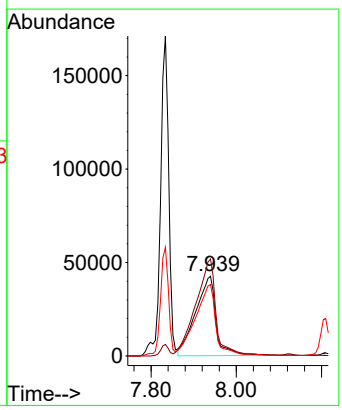


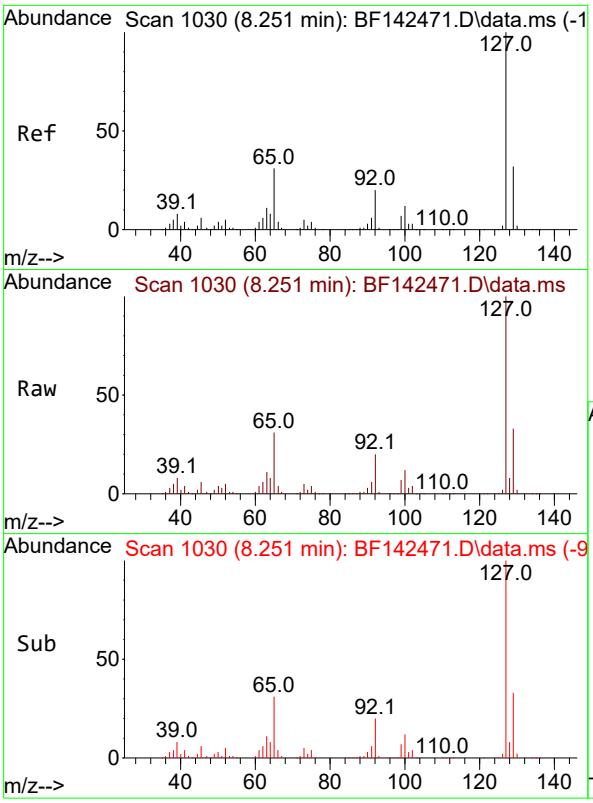


#32
Benzoic acid
Concen: 39.672 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:122 Resp: 142061

Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.7	141.7
77	89.5	69.5	109.5



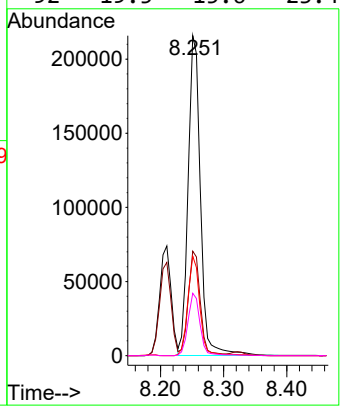


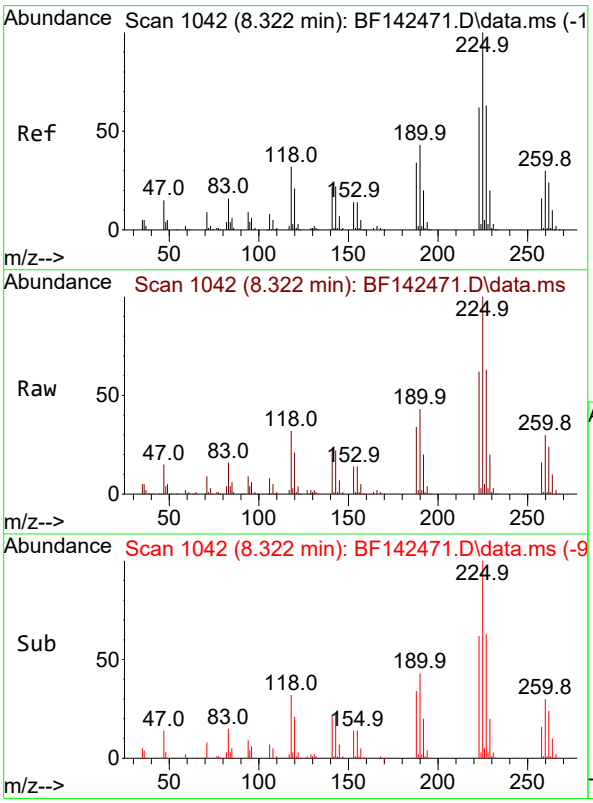
#33
4-Chloroaniline
Concen: 38.957 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 293373

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	31.1	24.9	37.3
92	19.5	15.6	23.4

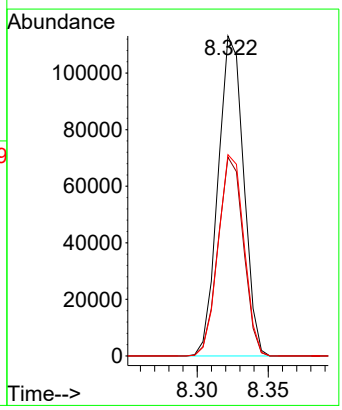


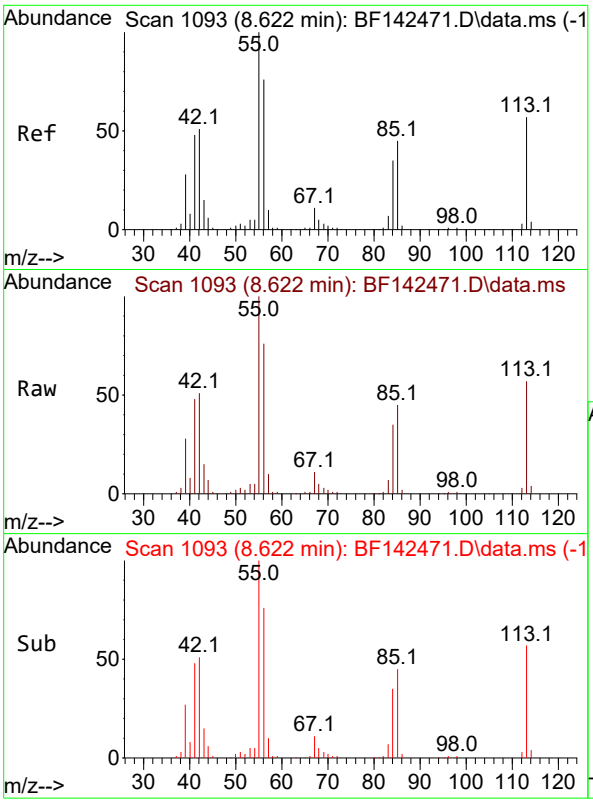


#34
Hexachlorobutadiene
Concen: 38.949 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:225 Resp: 141200

Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	62.9	50.3	75.5



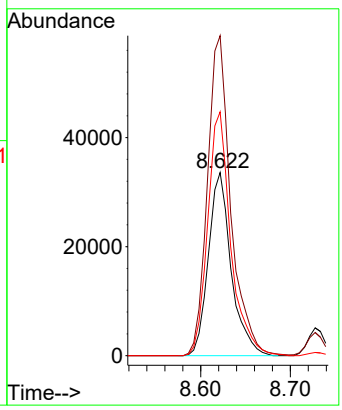


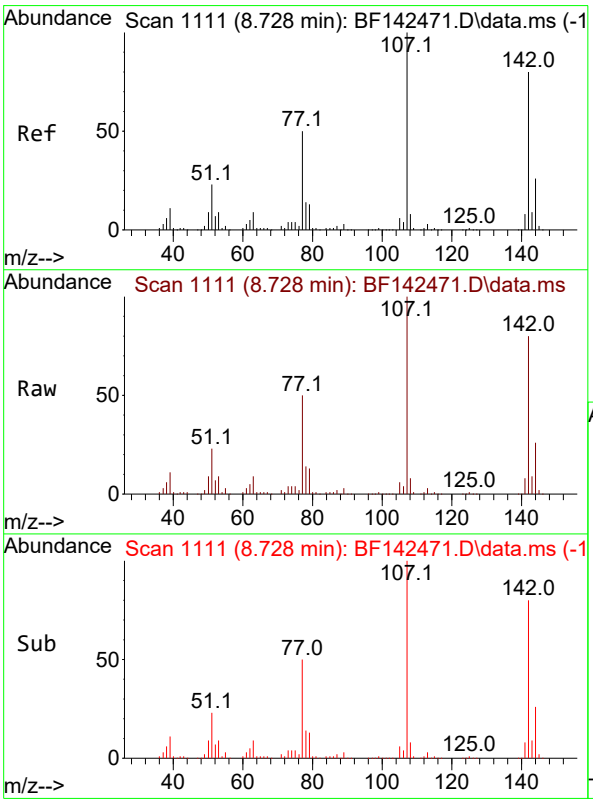
#35
Caprolactam
Concen: 39.473 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 59309

Ion	Ratio	Lower	Upper
113	100		
55	174.7	154.7	194.7
56	133.2	113.2	153.2

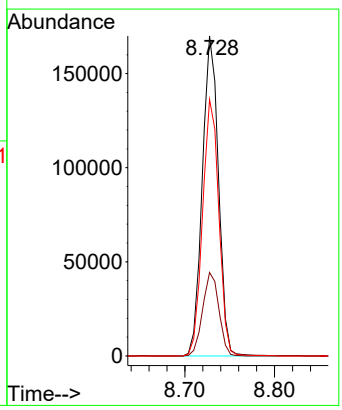


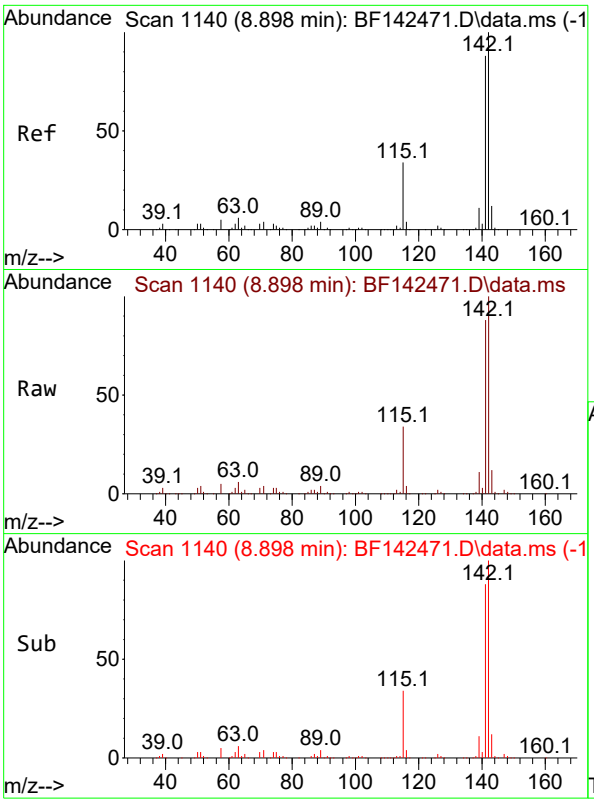


#36
4-Chloro-3-methylphenol
Concen: 38.800 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:107 Resp: 212728

Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.9	31.3
142	80.2	64.2	96.2



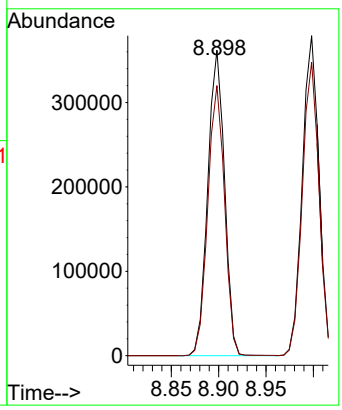


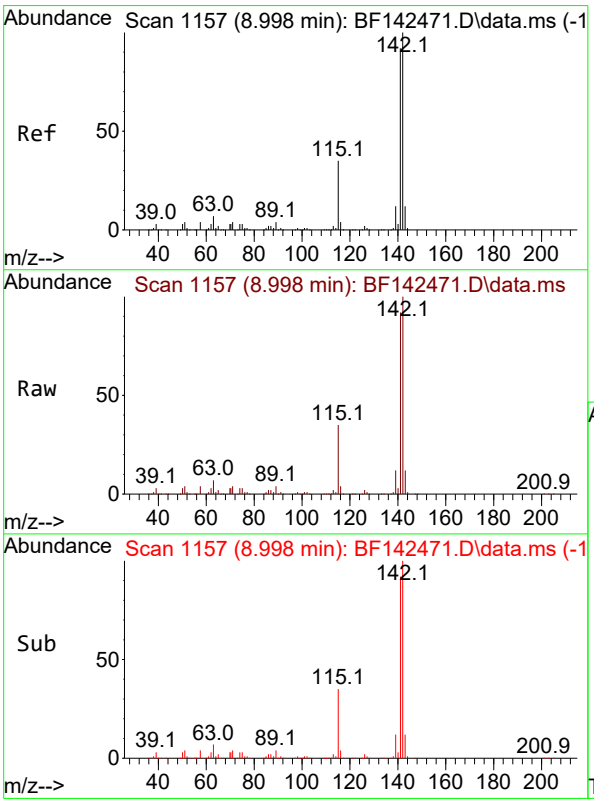
#37
2-Methylnaphthalene
Concen: 38.092 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 445368

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.7	106.1

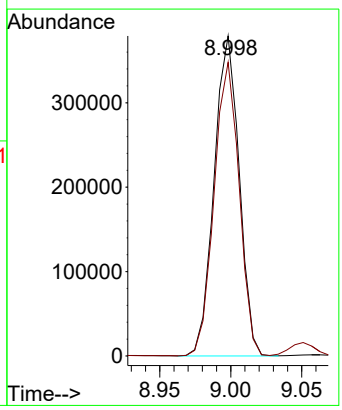


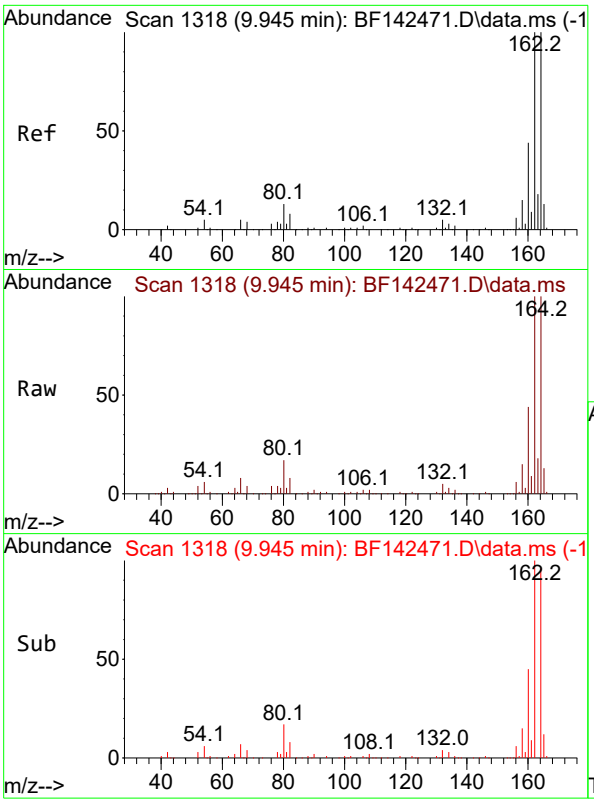


#38
1-Methylnaphthalene
Concen: 38.397 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:142 Resp: 464365

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2



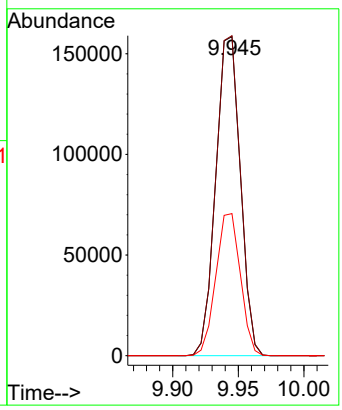


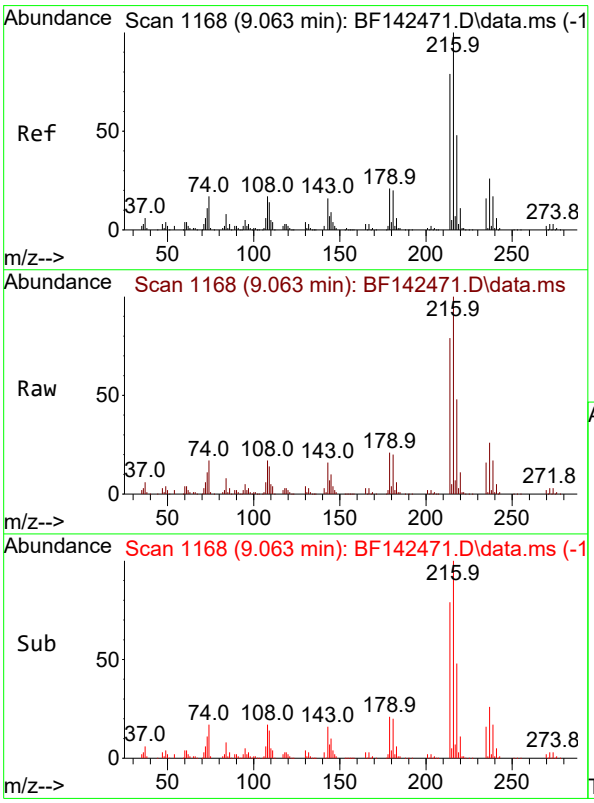
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 206343

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	44.5	35.6	53.4

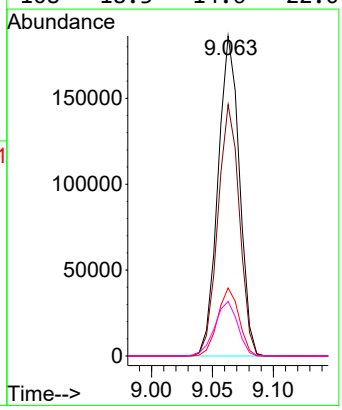


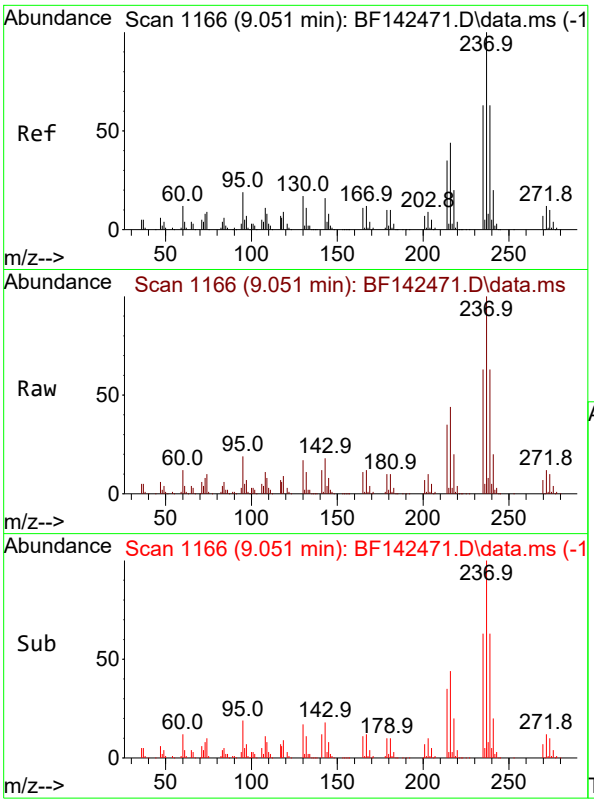


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.439 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:216 Resp: 227685

Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.9	94.3
179	21.1	16.9	25.3
108	18.3	14.6	22.0



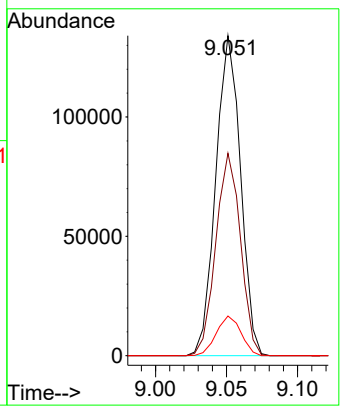


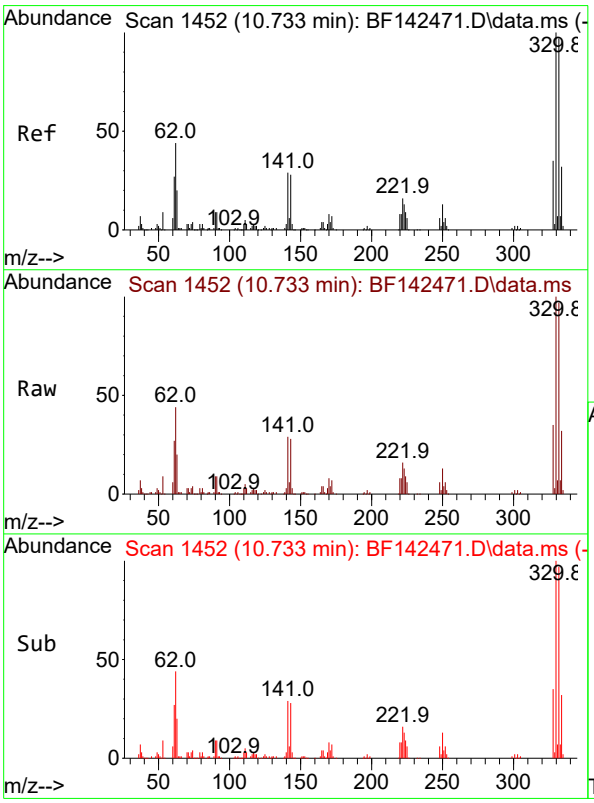
#41
Hexachlorocyclopentadiene
Concen: 40.622 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 162314

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.3	83.3
272	12.4	0.0	32.4

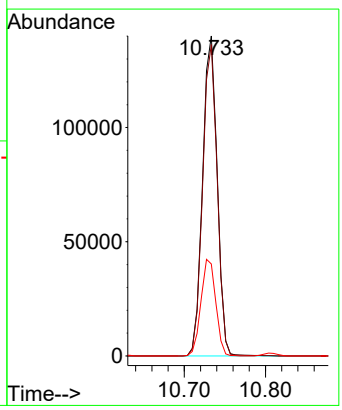


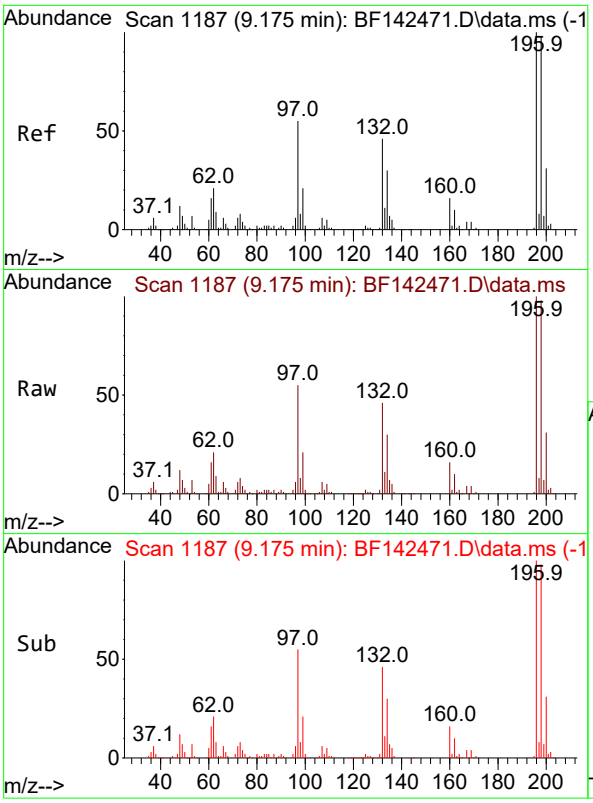


#42
2,4,6-Tribromophenol
Concen: 76.189 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:330 Resp: 174483

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.7	24.6	36.8



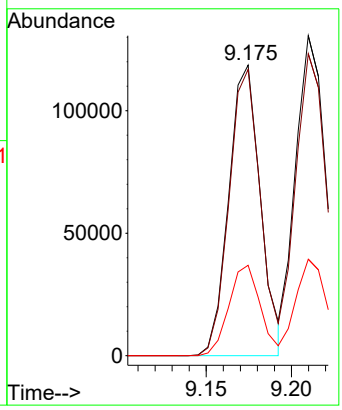


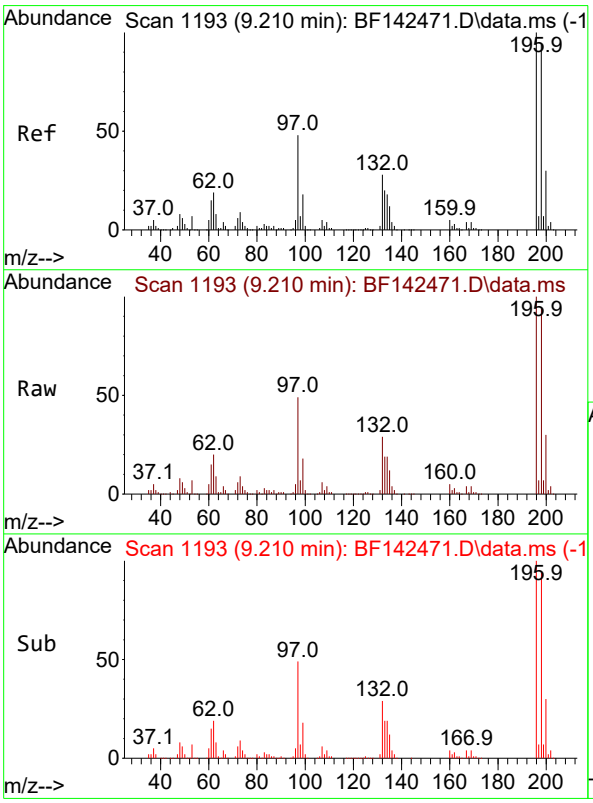
#43
2,4,6-Trichlorophenol
Concen: 38.383 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 153308

Ion	Ratio	Lower	Upper
196	100		
198	98.5	78.8	118.2
200	31.1	24.9	37.3

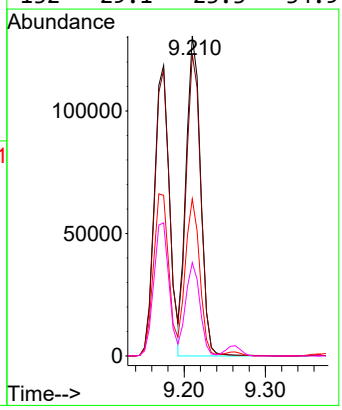


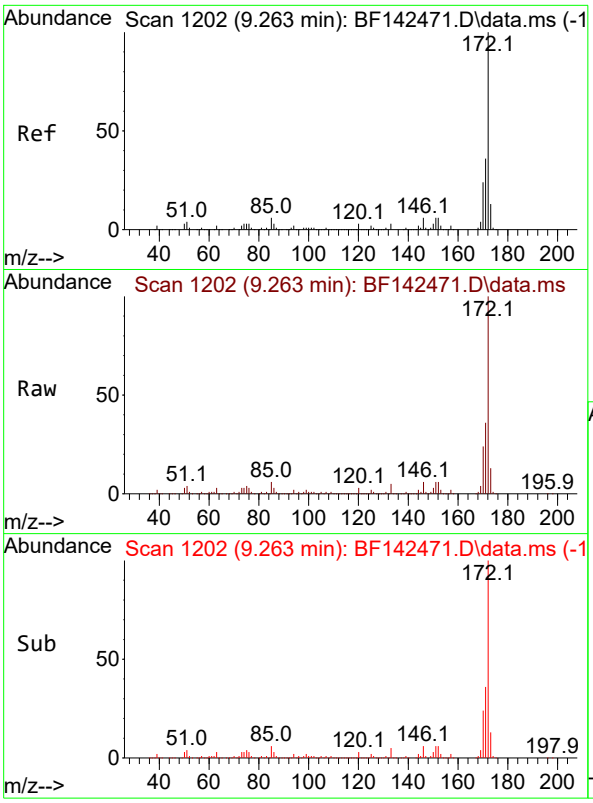


#44
2,4,5-Trichlorophenol
Concen: 38.667 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:196 Resp: 162880

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
97	49.1	39.3	58.9
132	29.1	23.3	34.9



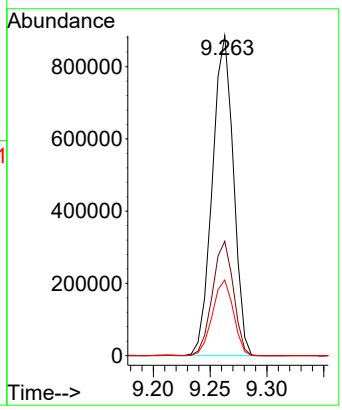


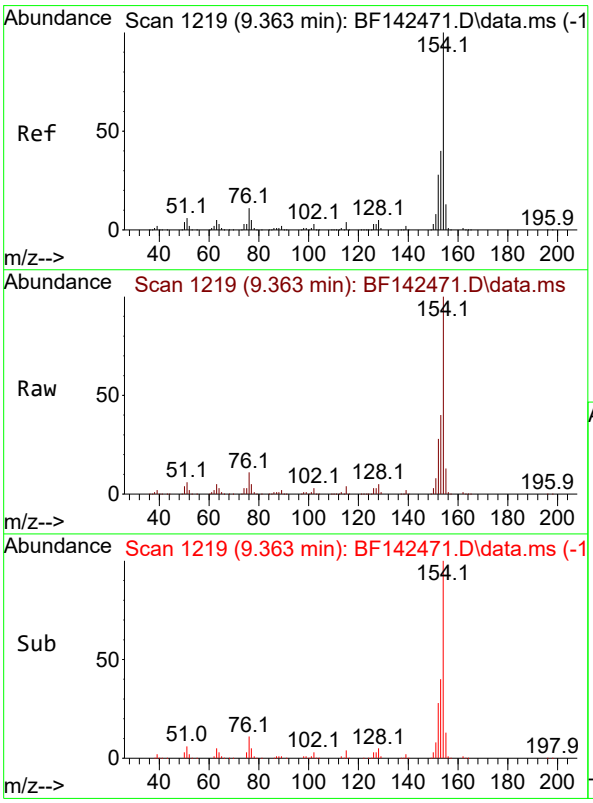
#45
2-Fluorobiphenyl
Concen: 74.452 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1144883

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.6	18.9	28.3

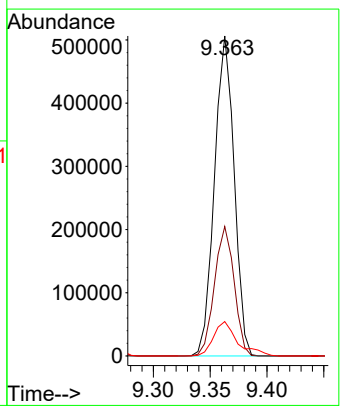


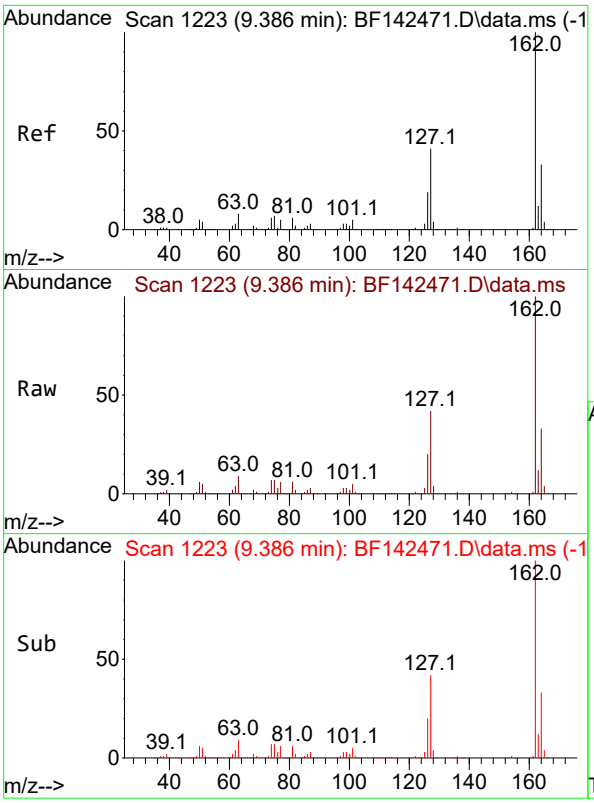


#46
1,1'-Biphenyl
Concen: 38.146 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:154 Resp: 610663

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.8	0.0	30.8



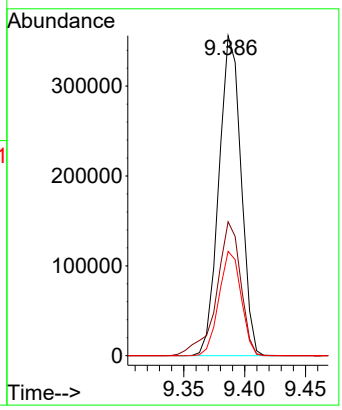


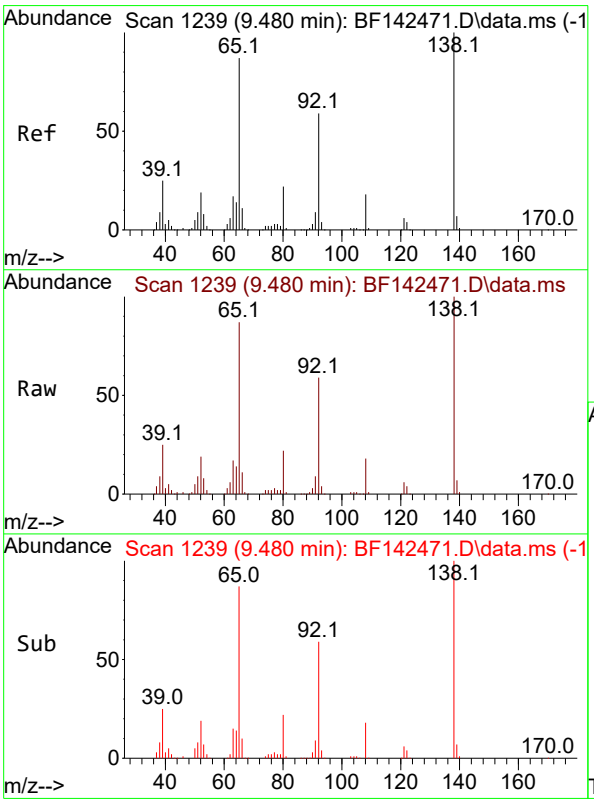
#47
2-Chloronaphthalene
Concen: 38.185 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 451638

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.5	50.3
164	32.6	26.1	39.1

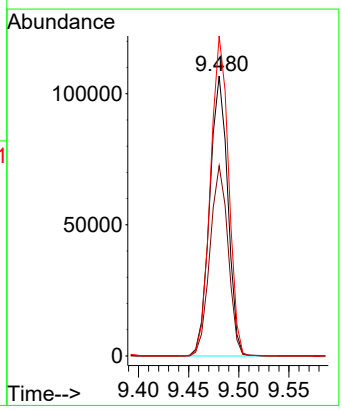


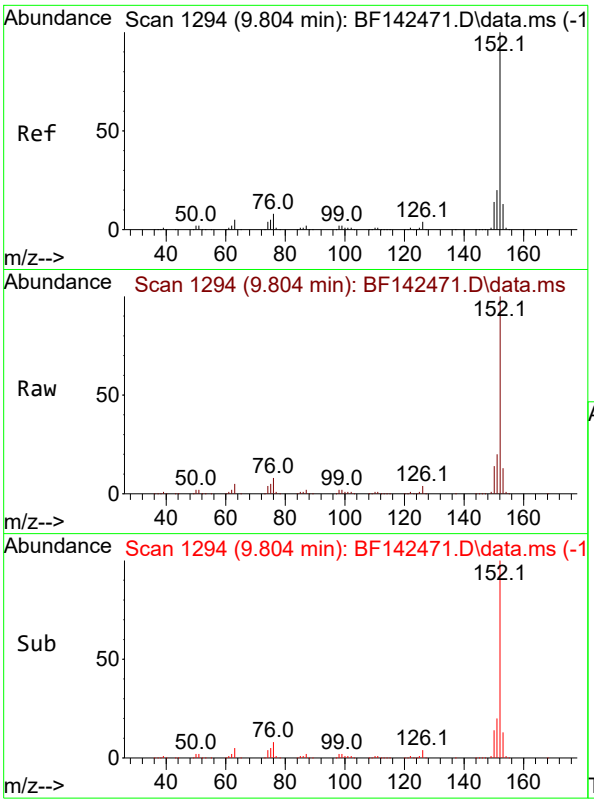


#48
2-Nitroaniline
Concen: 39.102 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion: 65 Resp: 133679

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	114.3	91.4	137.2



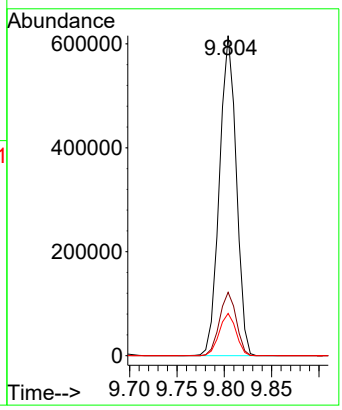


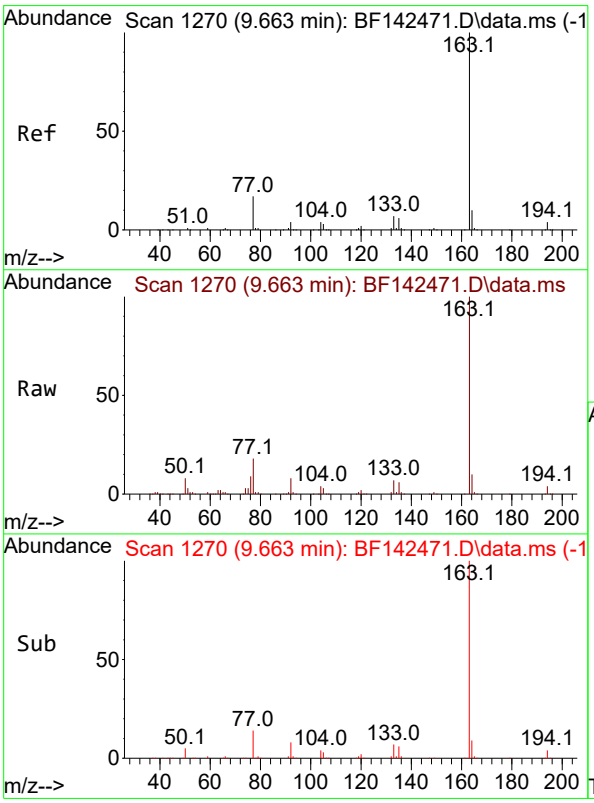
#49
Acenaphthylene
Concen: 38.240 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 763730

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.2	10.6	15.8

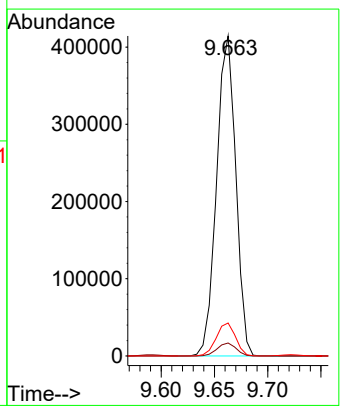


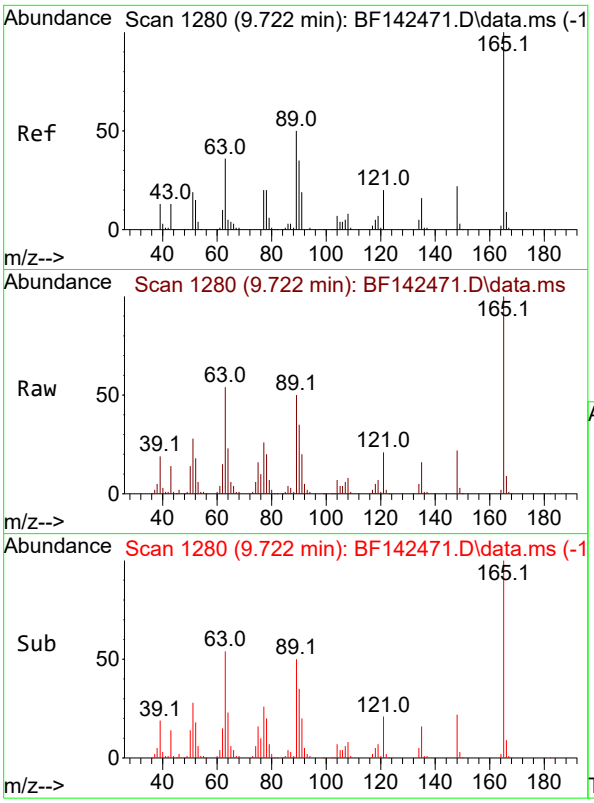


#50
Dimethylphthalate
Concen: 38.051 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:163 Resp: 518078

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.4



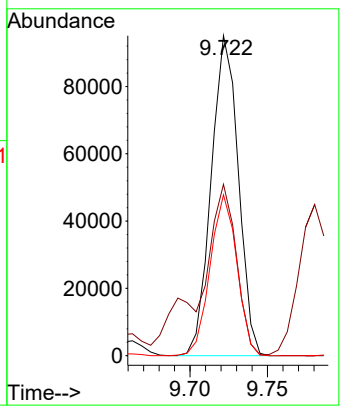


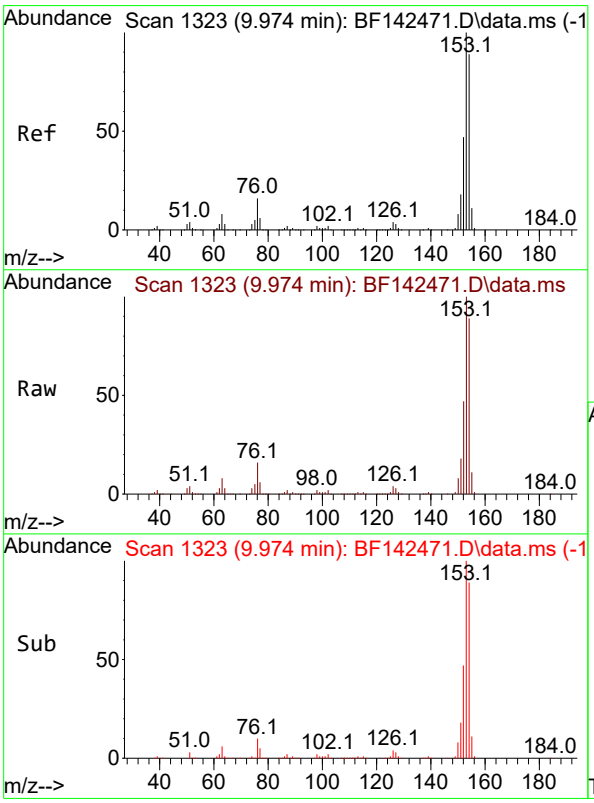
#51
2,6-Dinitrotoluene
Concen: 39.370 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 115691

Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.9	64.3
89	50.3	40.2	60.4

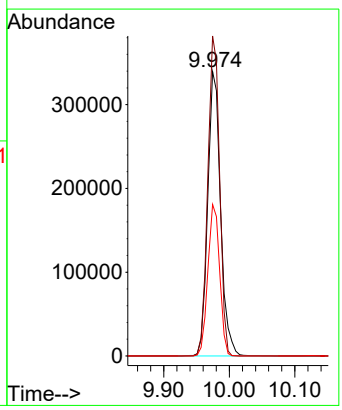


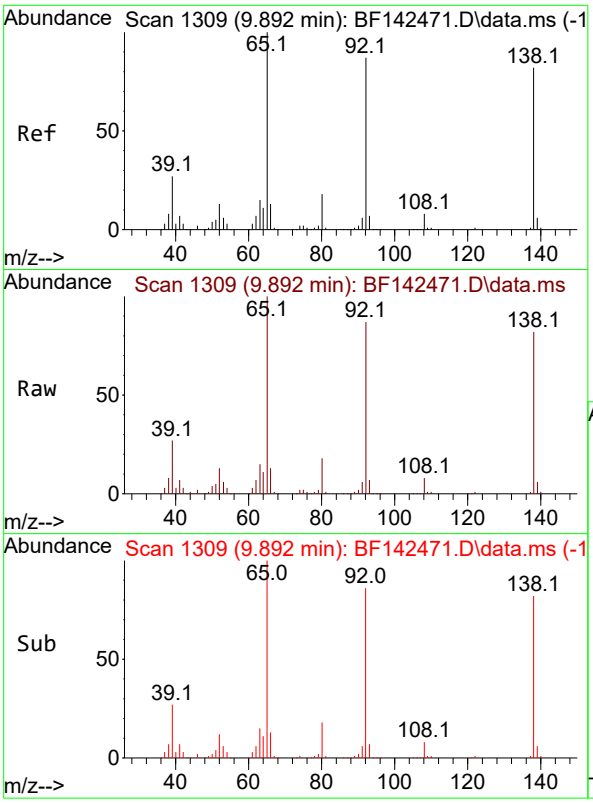


#52
Acenaphthene
Concen: 37.904 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:154 Resp: 462249

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.3	42.6	64.0



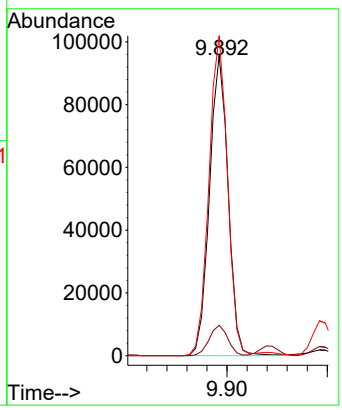


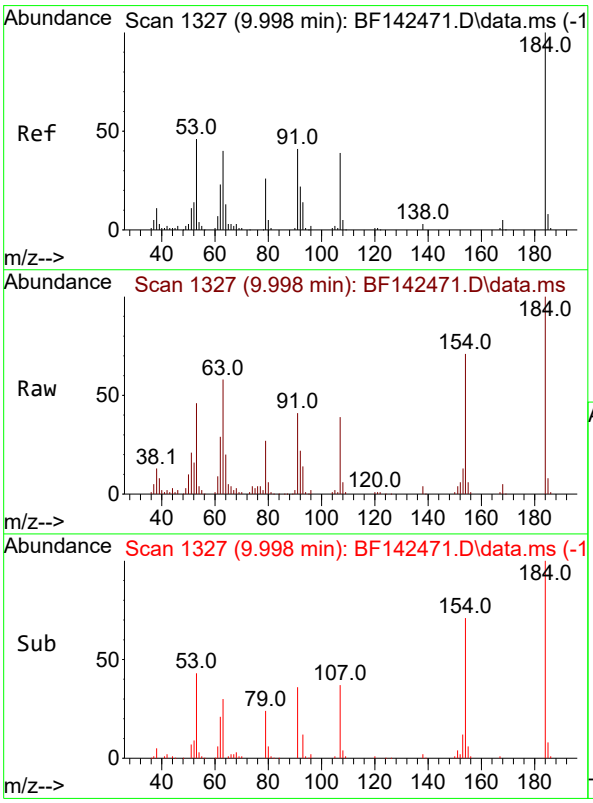
#53
3-Nitroaniline
Concen: 38.413 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 123293

Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.1	12.1
92	106.5	85.2	127.8

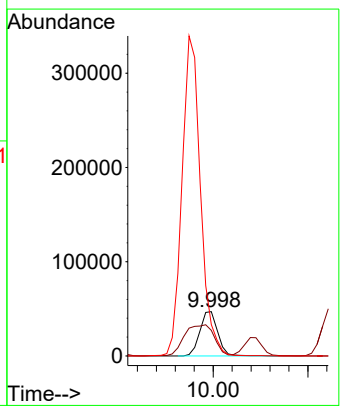


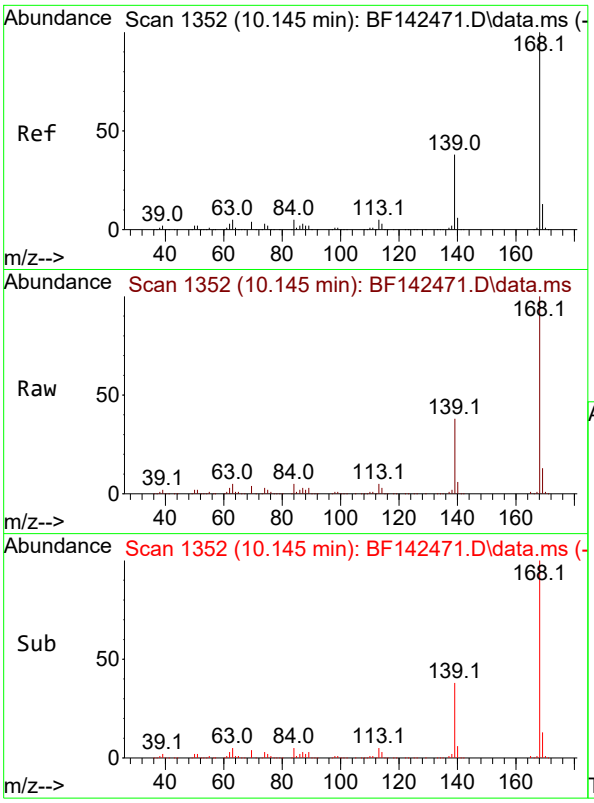


#54
2,4-Dinitrophenol
Concen: 40.477 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:184 Resp: 61452

Ion	Ratio	Lower	Upper
184	100		
63	57.9	46.3	69.5
154	71.0	56.8	85.2



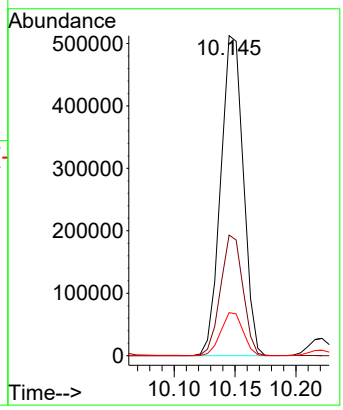


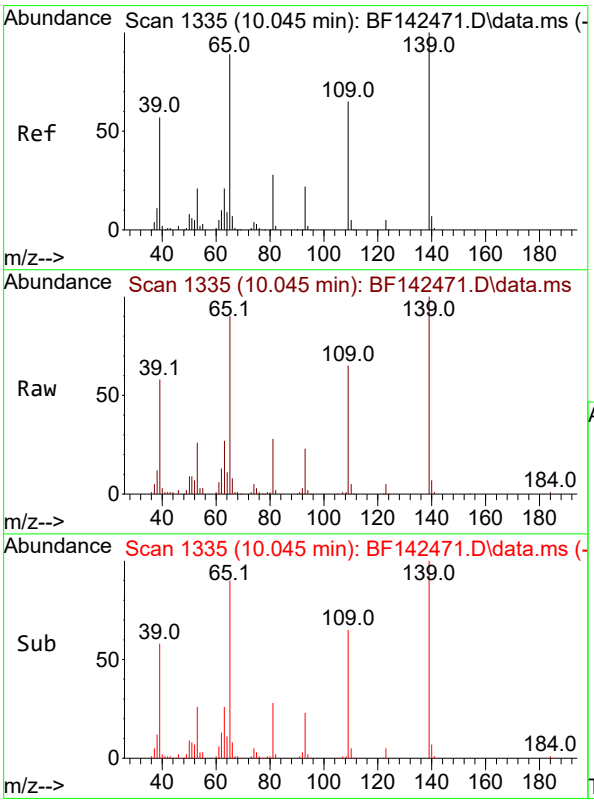
#55
Dibenzofuran
Concen: 37.758 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 662626

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.2	45.2
169	13.4	10.7	16.1

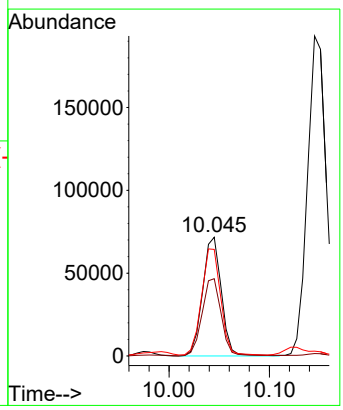


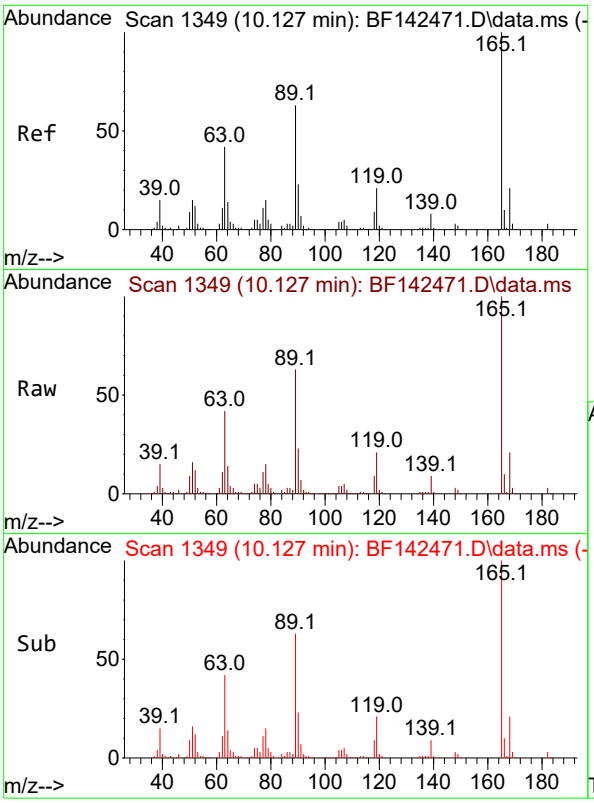


#56
4-Nitrophenol
Concen: 39.526 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:139 Resp: 93606

Ion	Ratio	Lower	Upper
139	100		
109	65.1	45.1	85.1
65	89.7	69.7	109.7



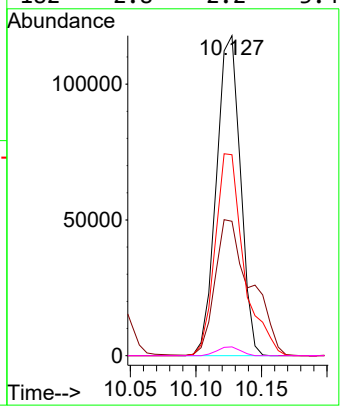


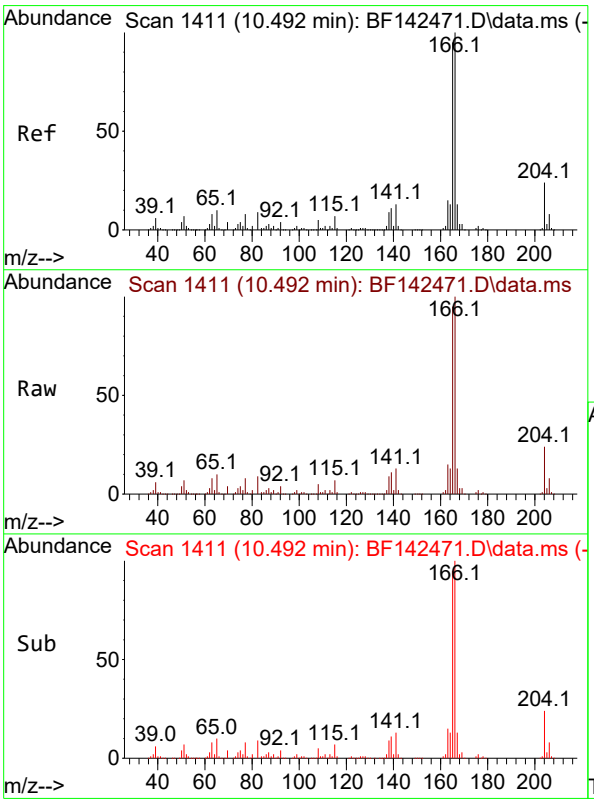
#57
2,4-Dinitrotoluene
Concen: 39.095 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 150036

Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.6	50.4
89	62.8	50.2	75.4
182	2.8	2.2	3.4

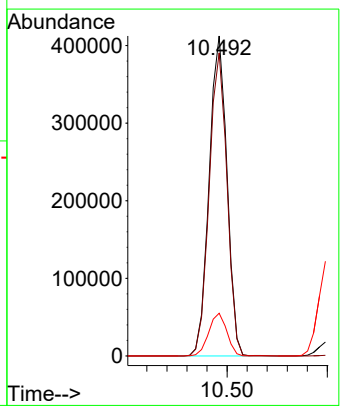


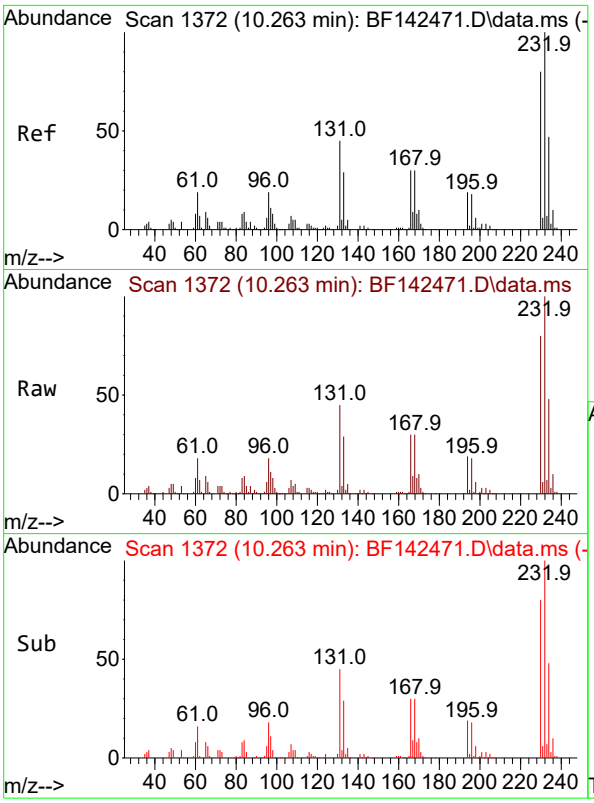


#58
Fluorene
Concen: 37.457 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:166 Resp: 507836

Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.8	113.8
167	13.3	10.6	16.0



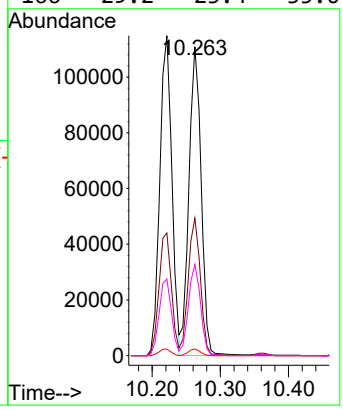


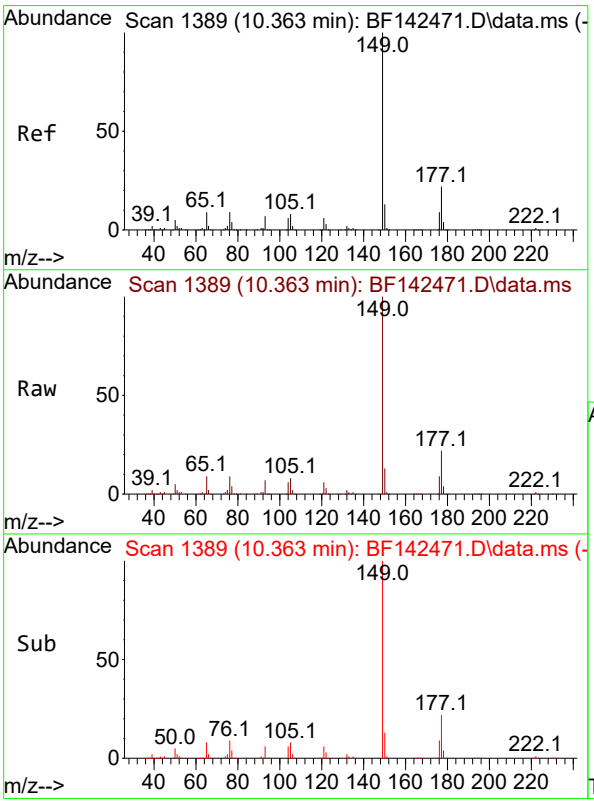
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.022 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 137225

Ion	Ratio	Lower	Upper
232	100		
131	44.0	35.2	52.8
130	2.1	1.7	2.5
166	29.2	23.4	35.0

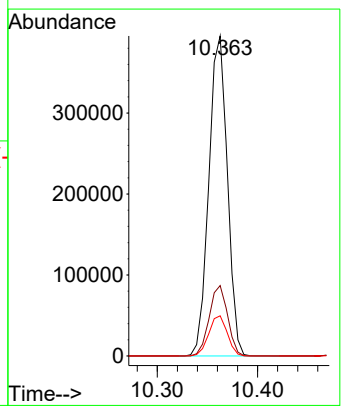


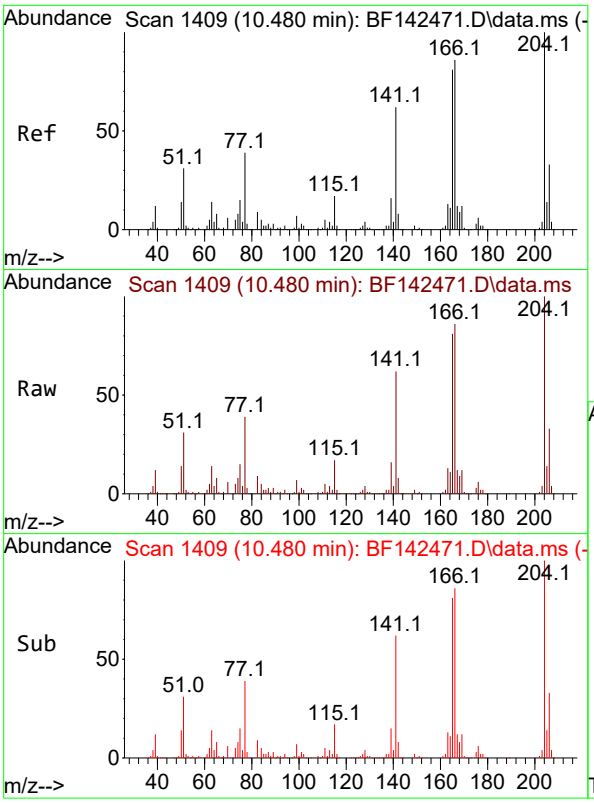


#60
Diethylphthalate
Concen: 38.217 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 508183

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1



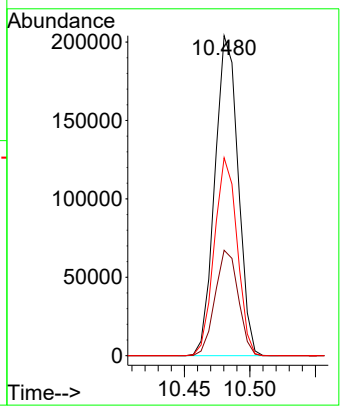


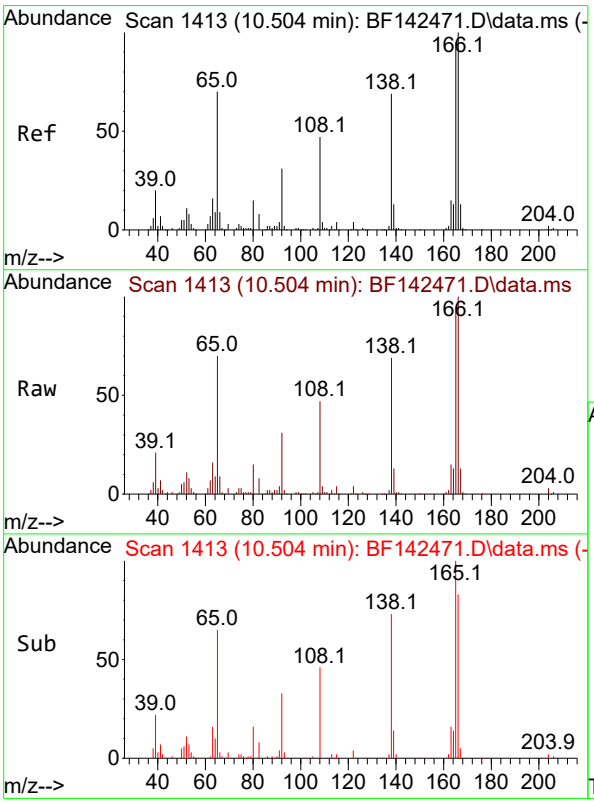
#61
4-Chlorophenyl-phenylether
Concen: 37.706 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 251129

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	61.9	49.5	74.3

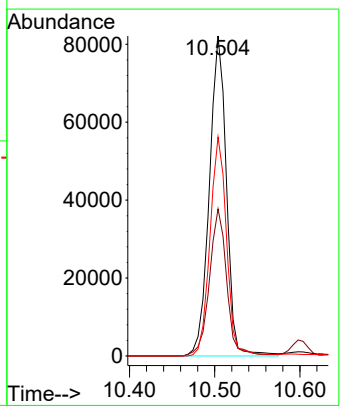


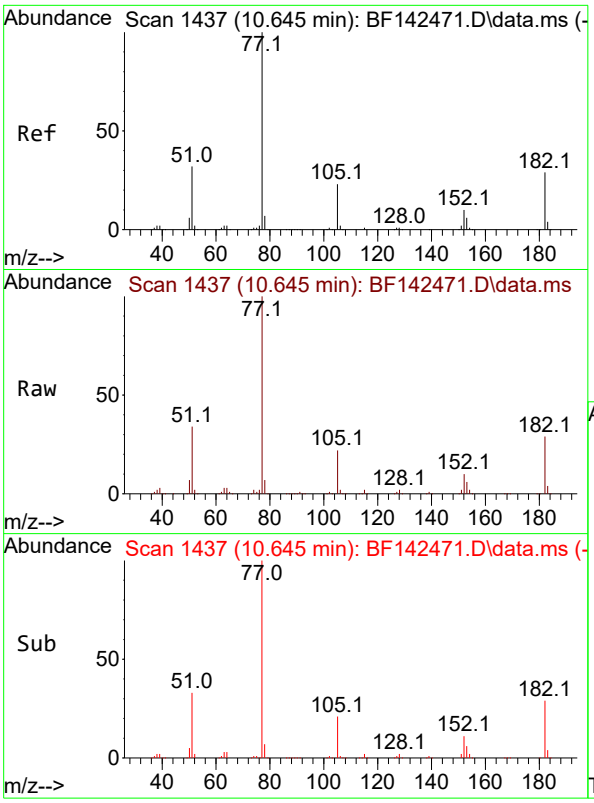


#62
4-Nitroaniline
Concen: 39.253 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:138 Resp: 114265

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	68.4	48.4	88.4



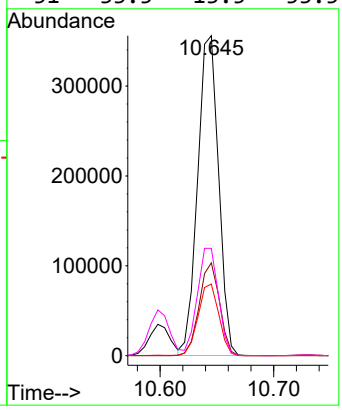


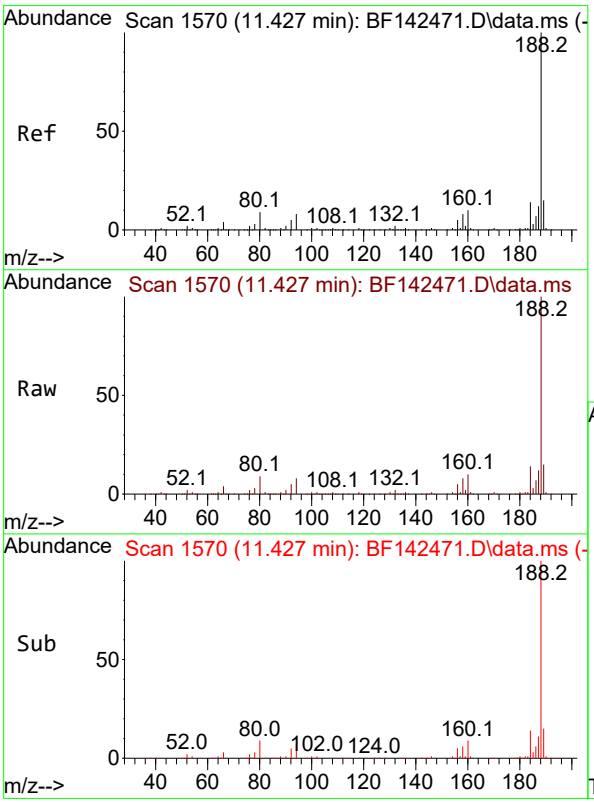
#63
Azobenzene
Concen: 38.246 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 456781

Ion	Ratio	Lower	Upper
77	100		
182	29.0	9.0	49.0
105	22.4	2.4	42.4
51	33.5	13.5	53.5

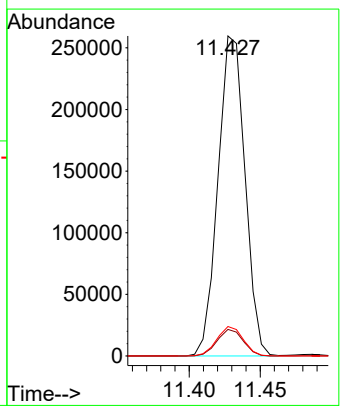


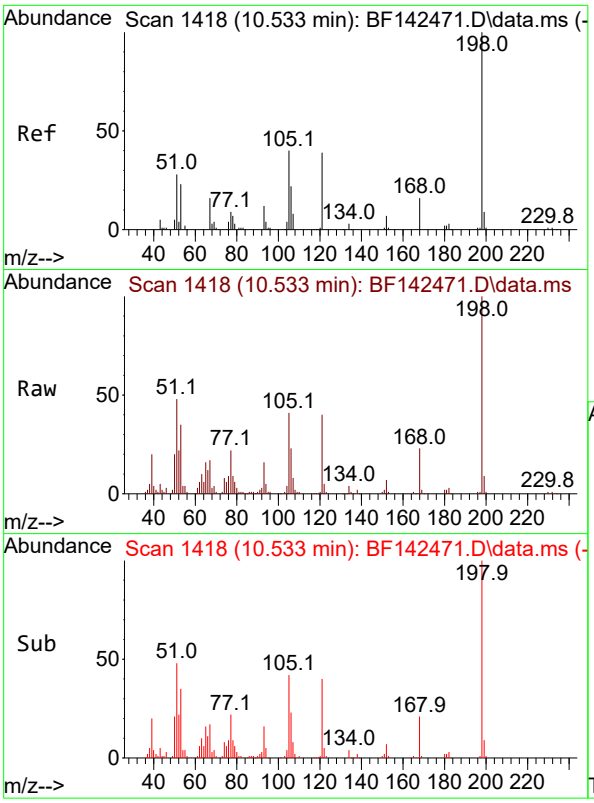


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:188 Resp: 343068

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	9.2	7.4	11.0



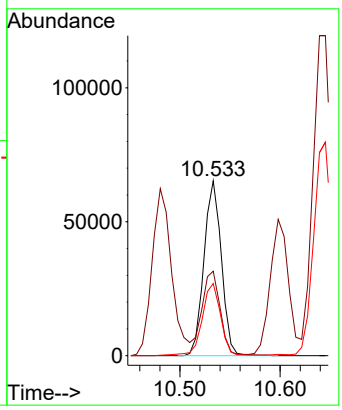


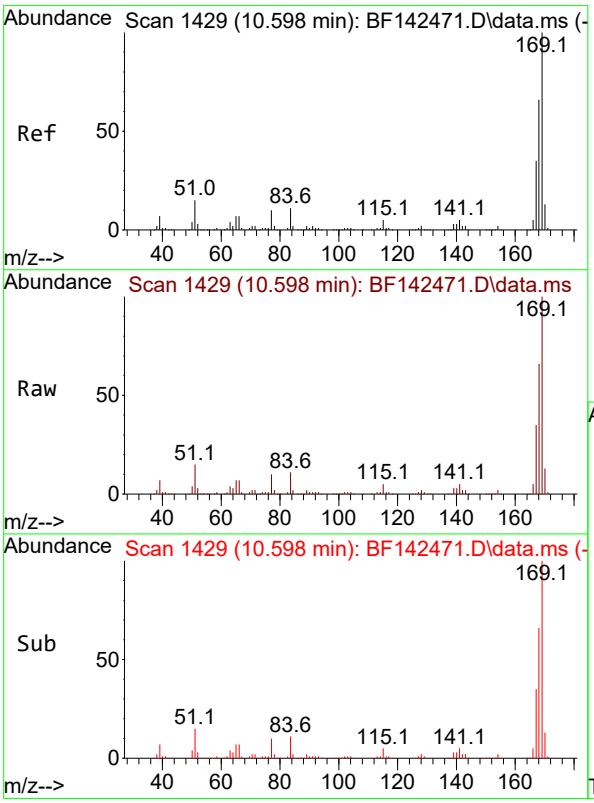
#65
4,6-Dinitro-2-methylphenol
Concen: 41.326 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 79121

Ion	Ratio	Lower	Upper
198	100		
51	48.3	28.3	68.3
105	41.3	21.3	61.3

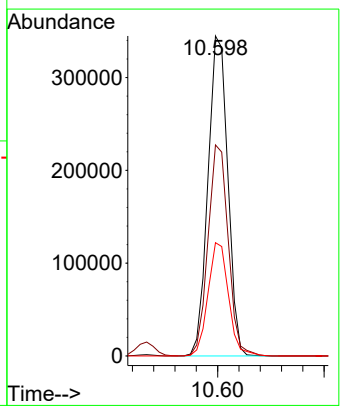


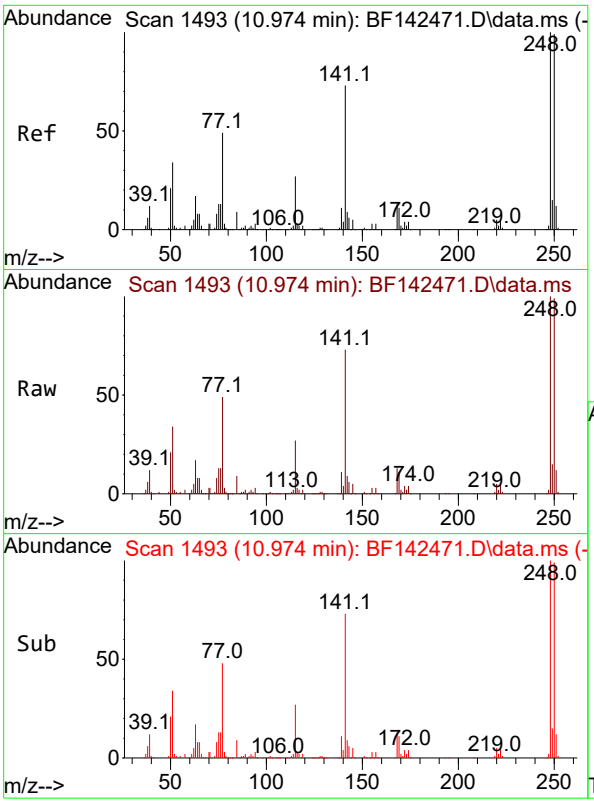


#66
n-Nitrosodiphenylamine
Concen: 37.917 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:169 Resp: 445033

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.4	28.3	42.5



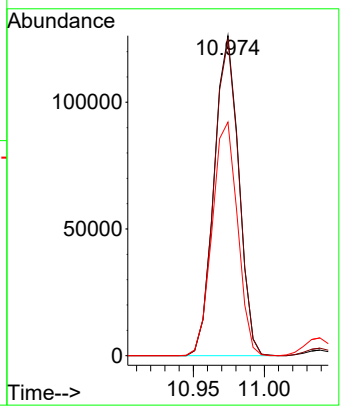


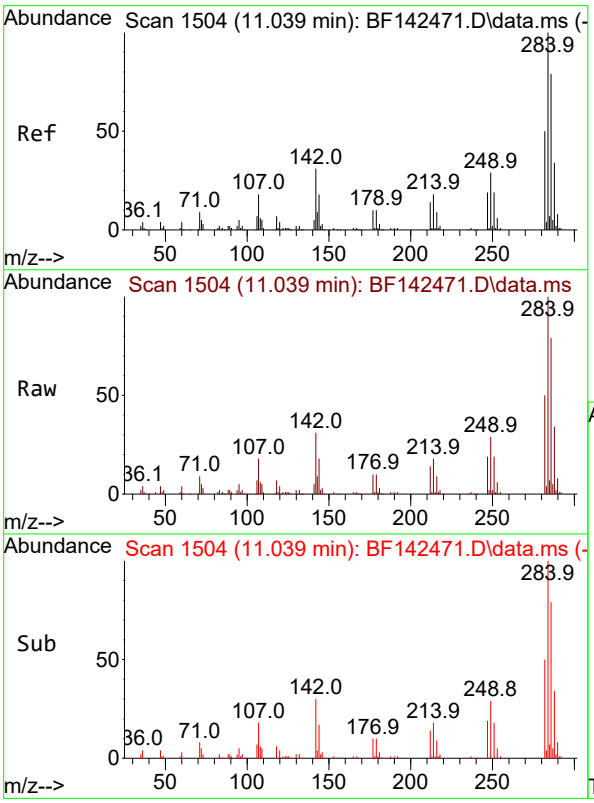
#67
4-Bromophenyl-phenylether
Concen: 37.556 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 152348

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.0	118.4
141	73.0	58.4	87.6

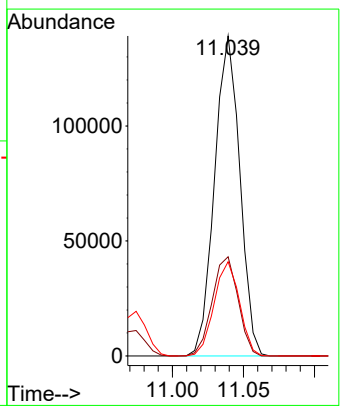


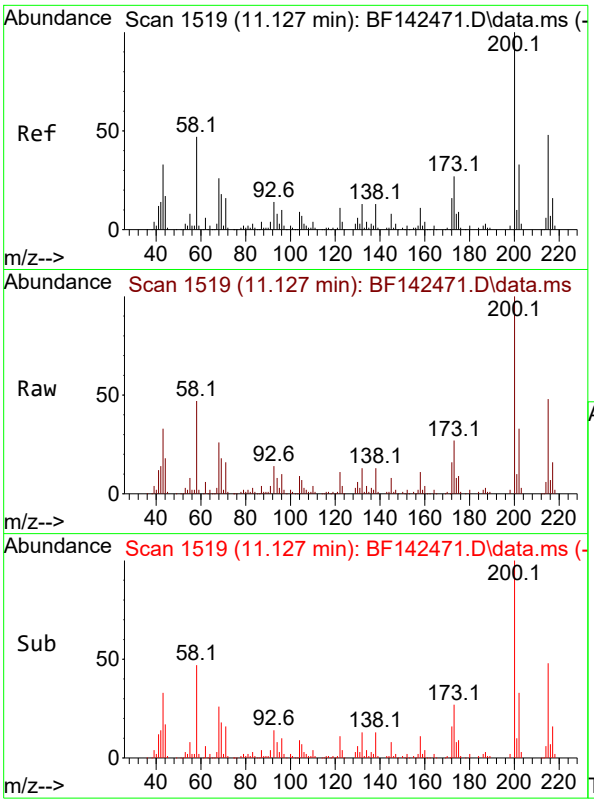


#68
Hexachlorobenzene
Concen: 38.318 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:284 Resp: 171918

Ion	Ratio	Lower	Upper
284	100		
142	31.0	24.8	37.2
249	29.5	23.6	35.4



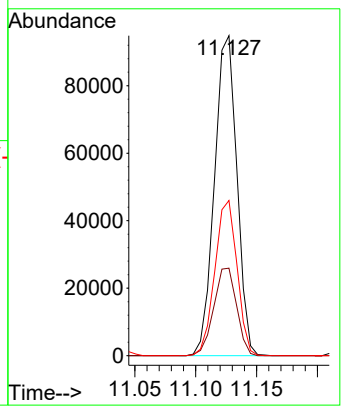


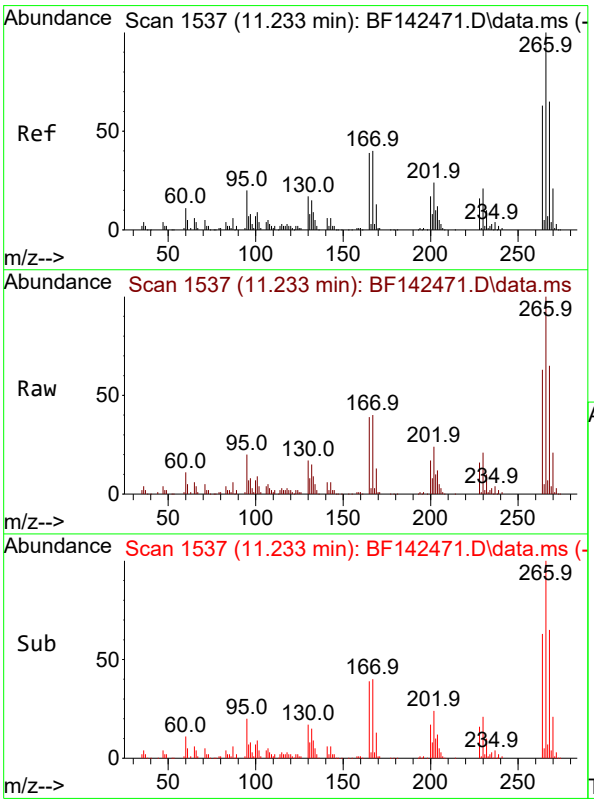
#69
Atrazine
Concen: 39.072 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 121790

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.5	28.5	68.5

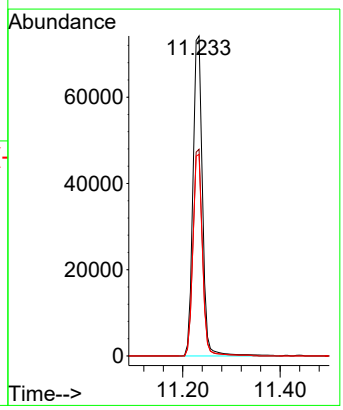


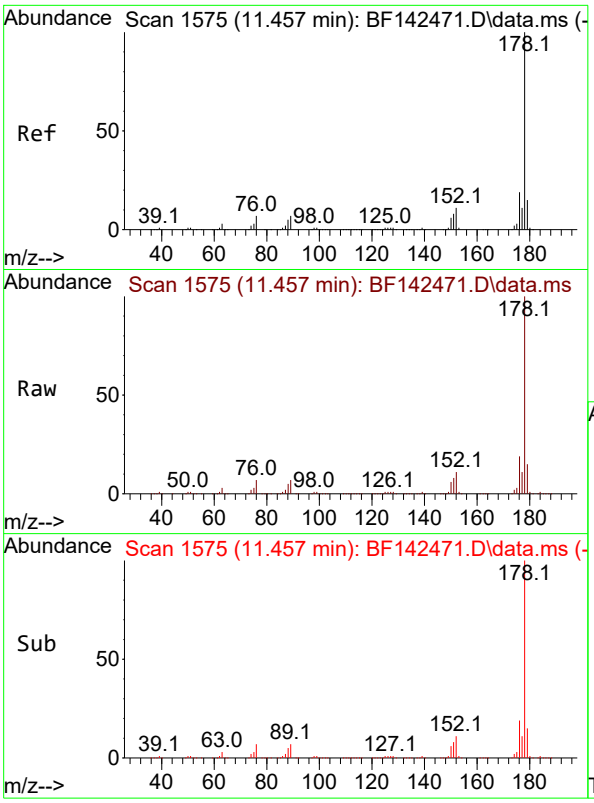


#70
Pentachlorophenol
Concen: 39.824 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:266 Resp: 100877

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.7	77.5
264	63.0	50.4	75.6



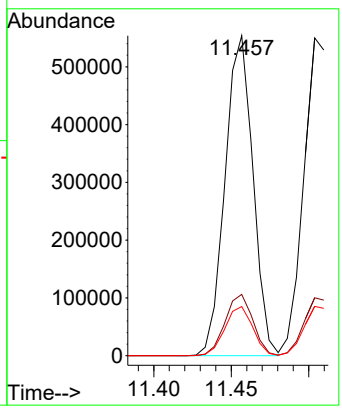


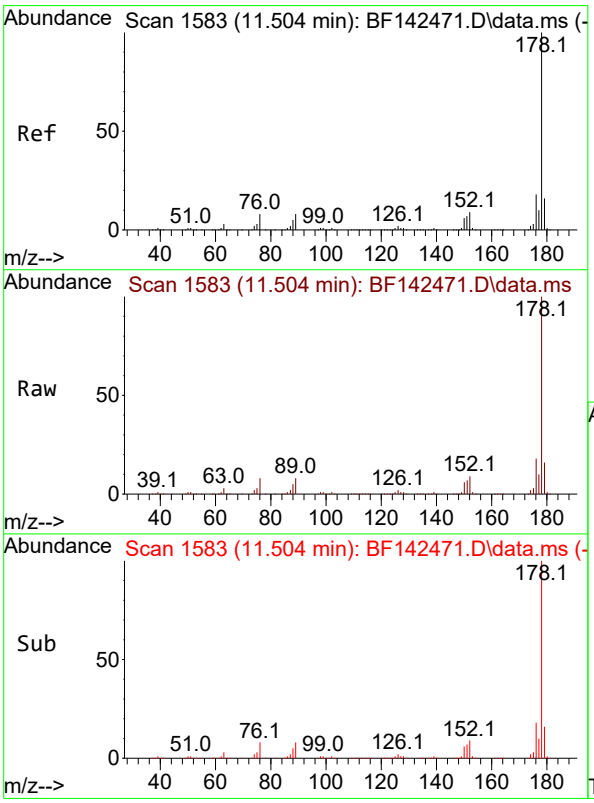
#71
Phenanthrene
Concen: 37.855 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 694045

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.4	12.3	18.5

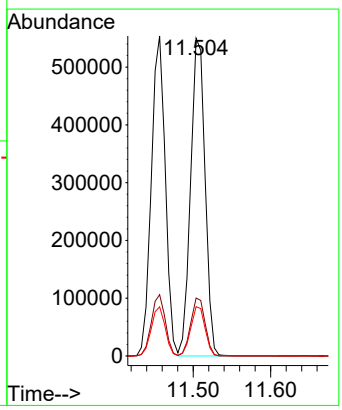


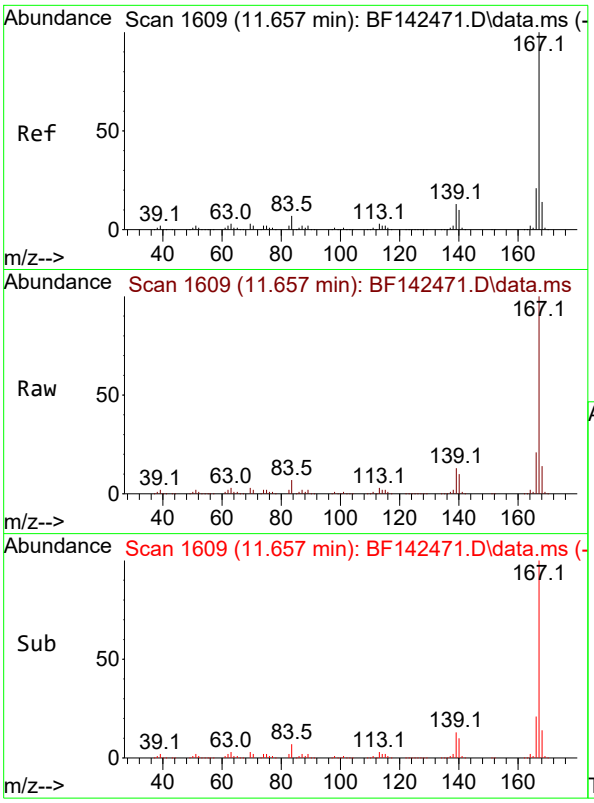


#72
Anthracene
Concen: 38.007 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:178 Resp: 711162

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.4	18.6



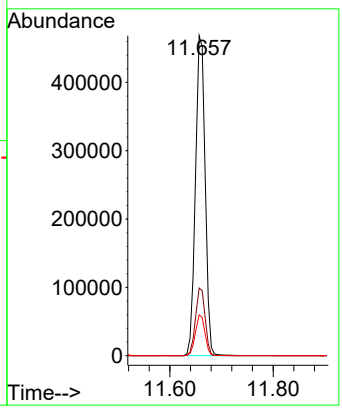


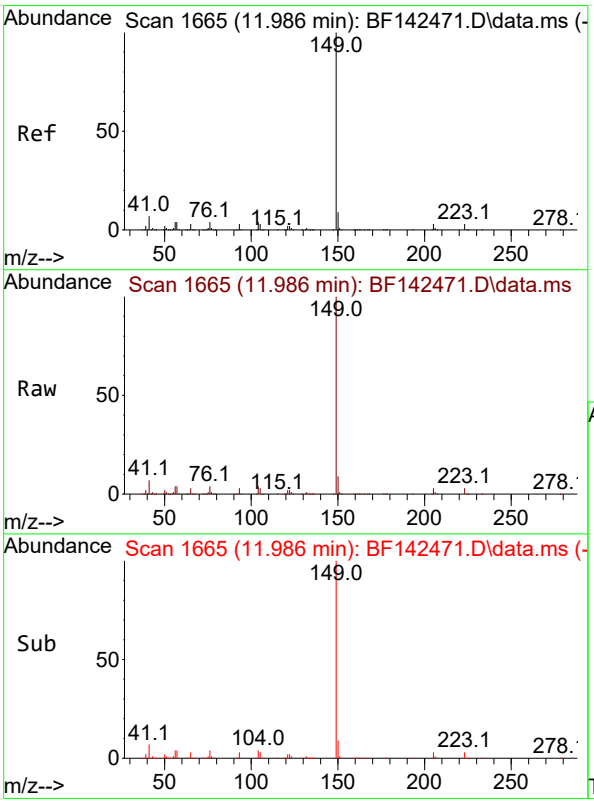
#73
Carbazole
Concen: 38.140 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 610097

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.8	10.2	15.4

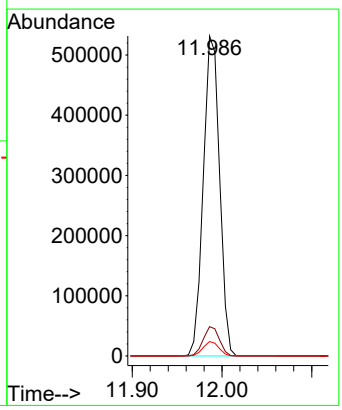


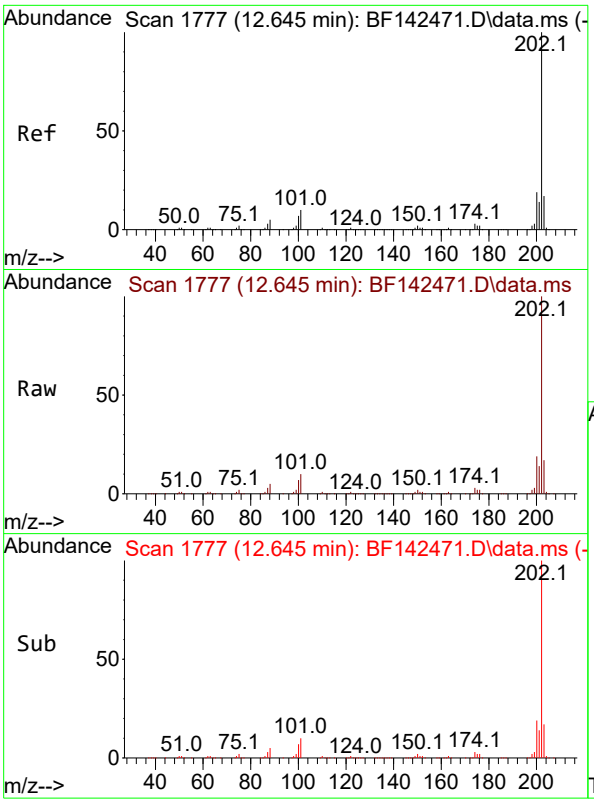


#74
Di-n-butylphthalate
Concen: 38.227 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 669345

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.5	3.6	5.4



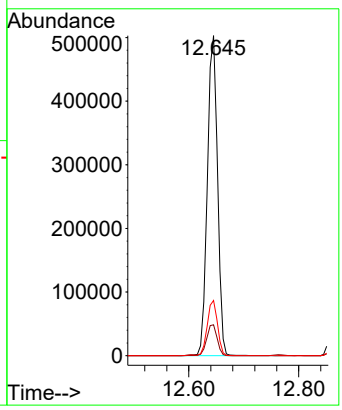


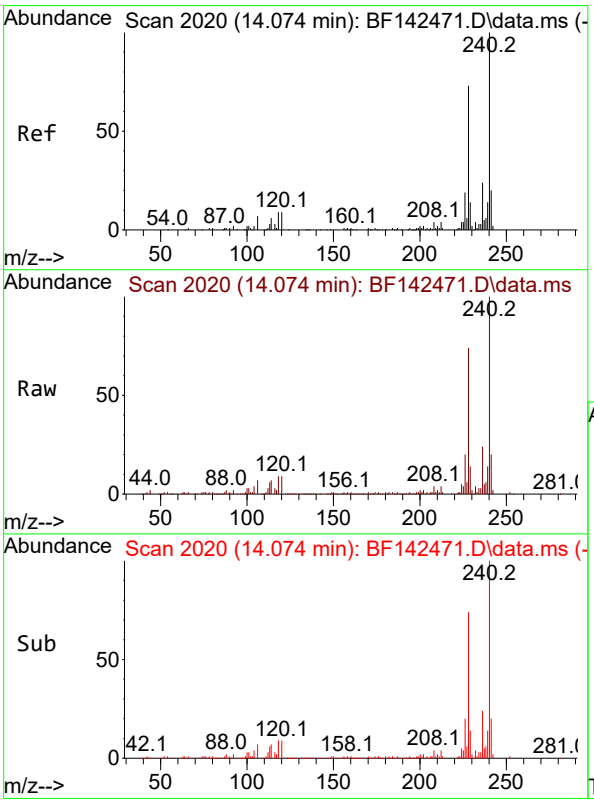
#75
Fluoranthene
Concen: 37.569 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 643610

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.6
203	17.2	0.0	37.2

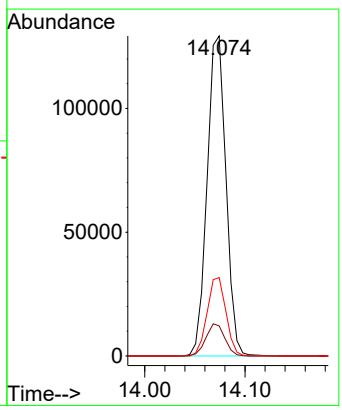


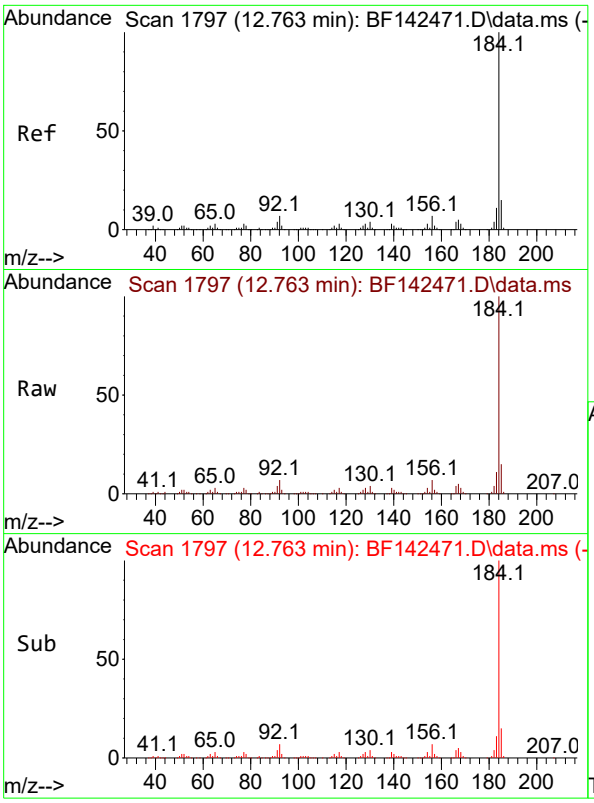


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:240 Resp: 169022

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	24.5	19.6	29.4



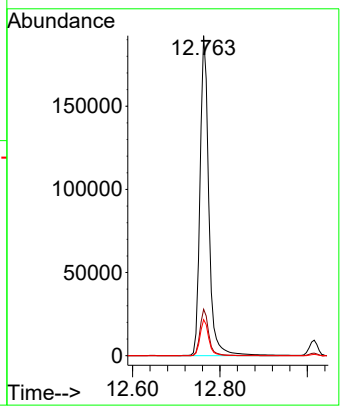


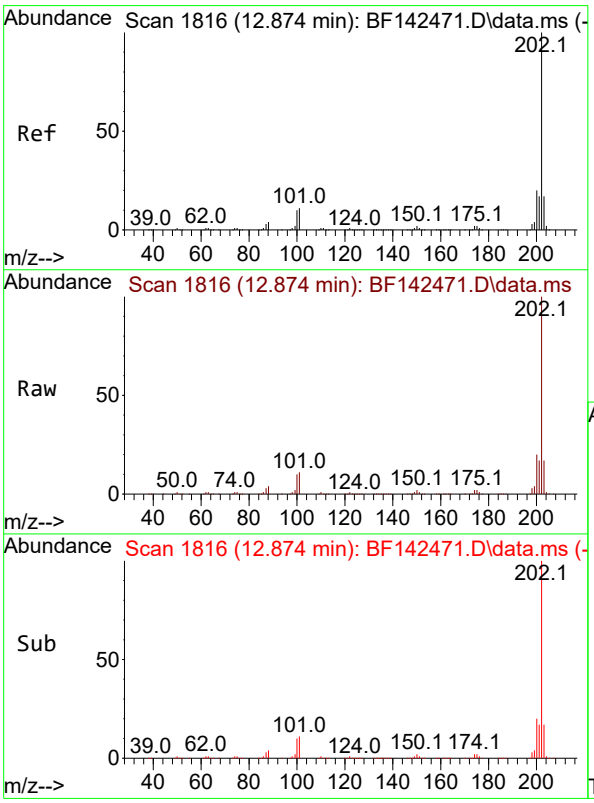
#77
Benzidine
Concen: 42.816 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 269307

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.6	17.4
183	11.2	9.0	13.4

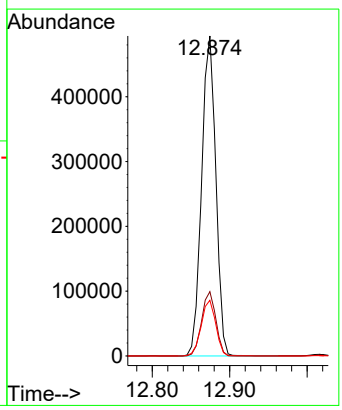


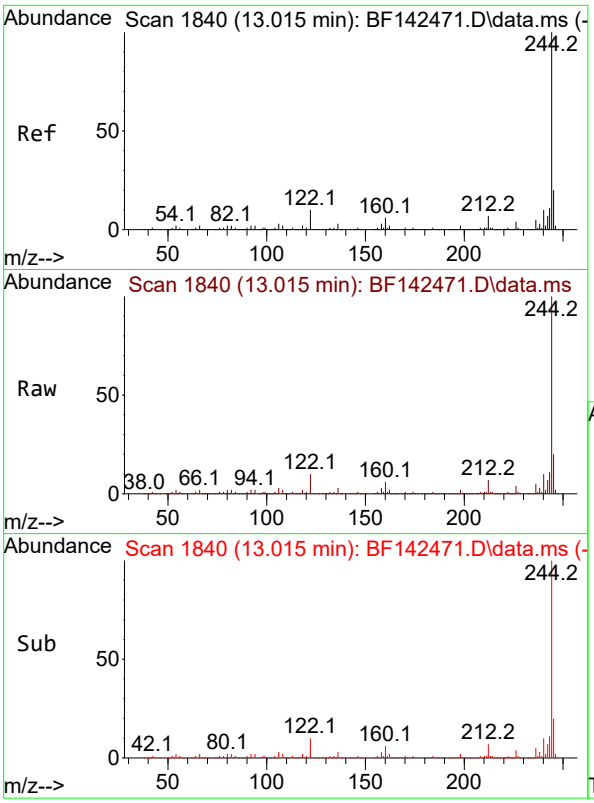


#78
Pyrene
Concen: 39.853 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:202 Resp: 628371

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.1	24.1
203	17.4	13.9	20.9



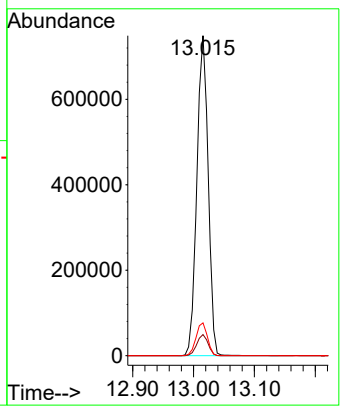


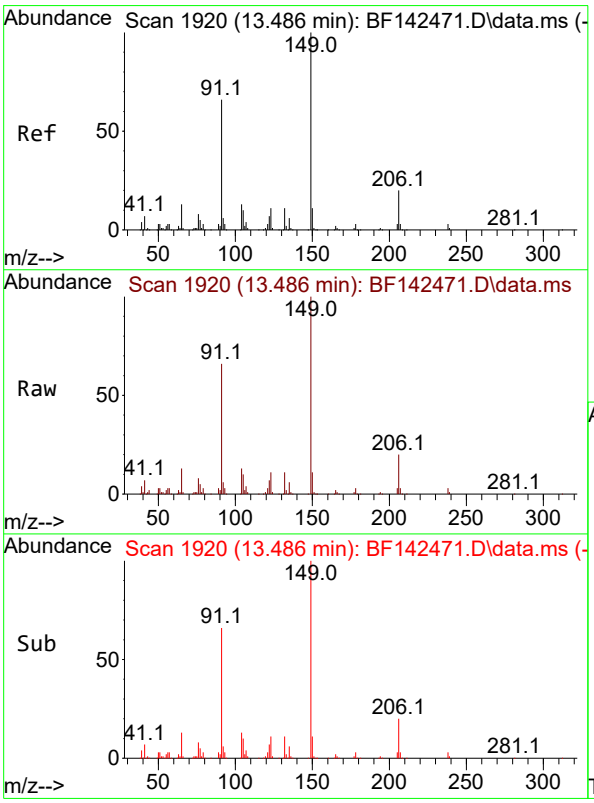
#79
Terphenyl-d14
Concen: 77.802 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 962300

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.2	8.2	12.2

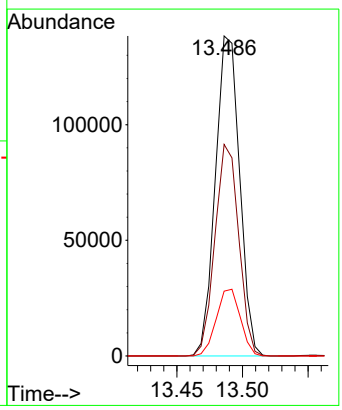


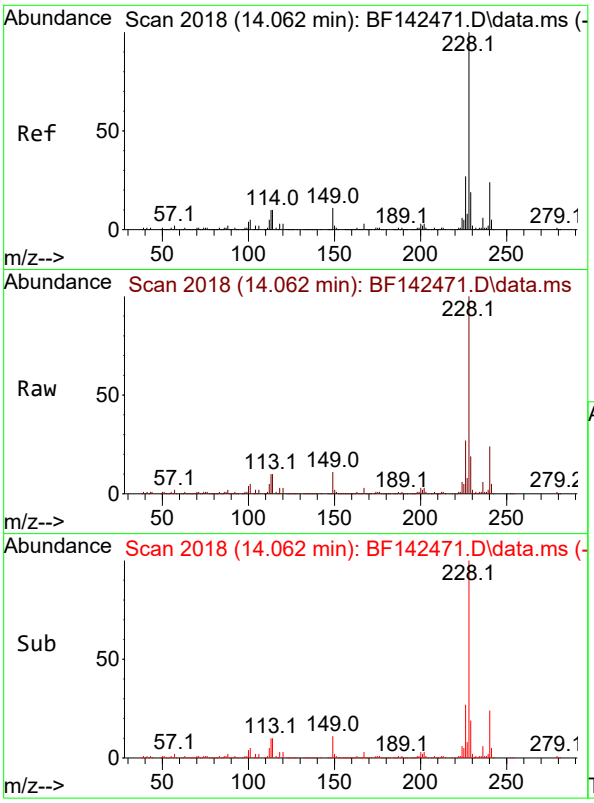


#80
Butylbenzylphthalate
Concen: 40.819 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 177841

Ion	Ratio	Lower	Upper
149	100		
91	66.1	52.9	79.3
206	20.2	16.2	24.2



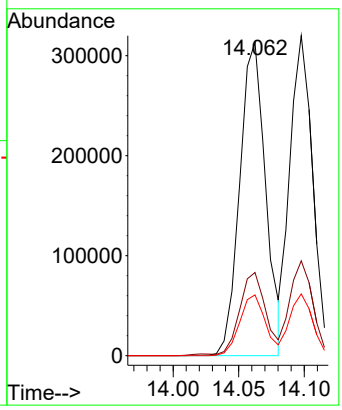


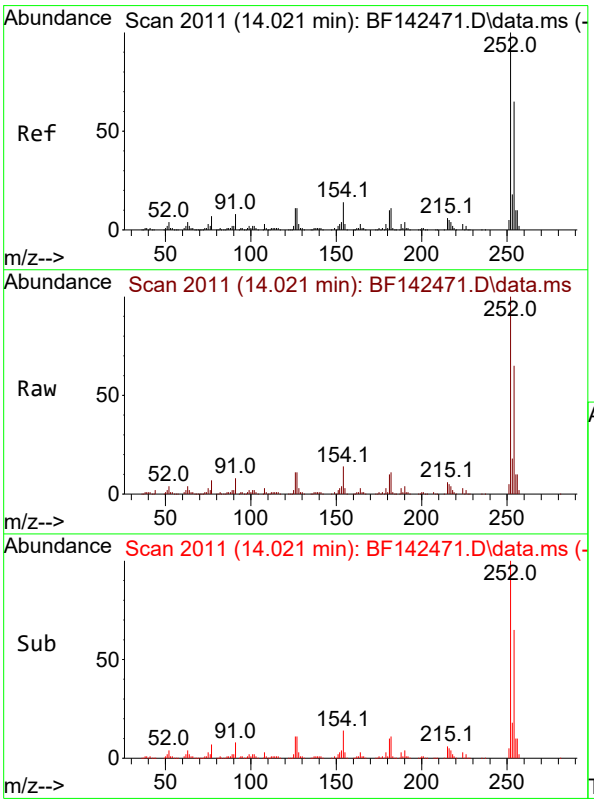
#81
Benzo(a)anthracene
Concen: 38.276 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 431998

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	19.4	15.5	23.3

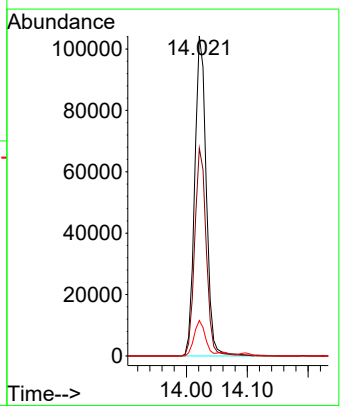


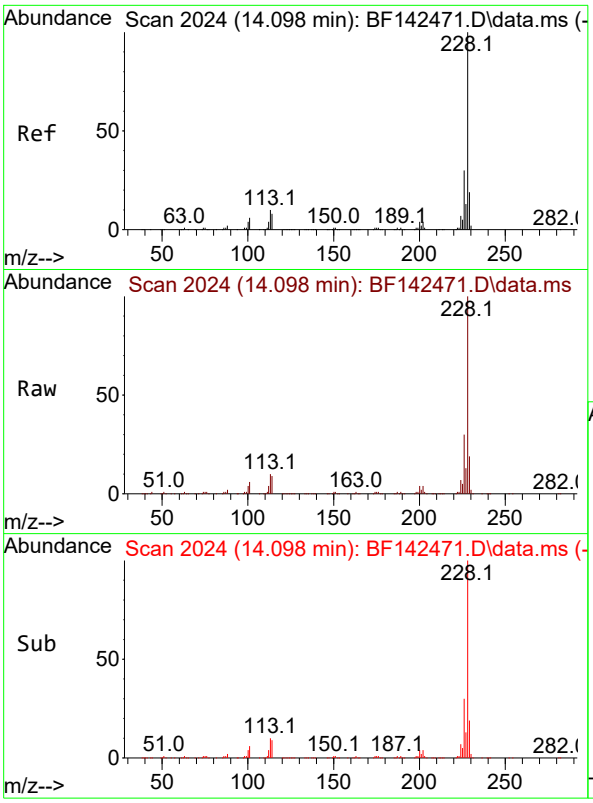


#82
3,3'-Dichlorobenzidine
Concen: 40.148 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 137438

Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.0	78.0
126	11.1	8.9	13.3



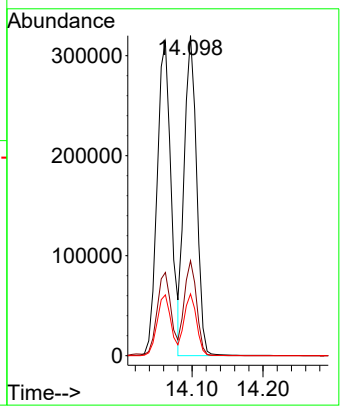


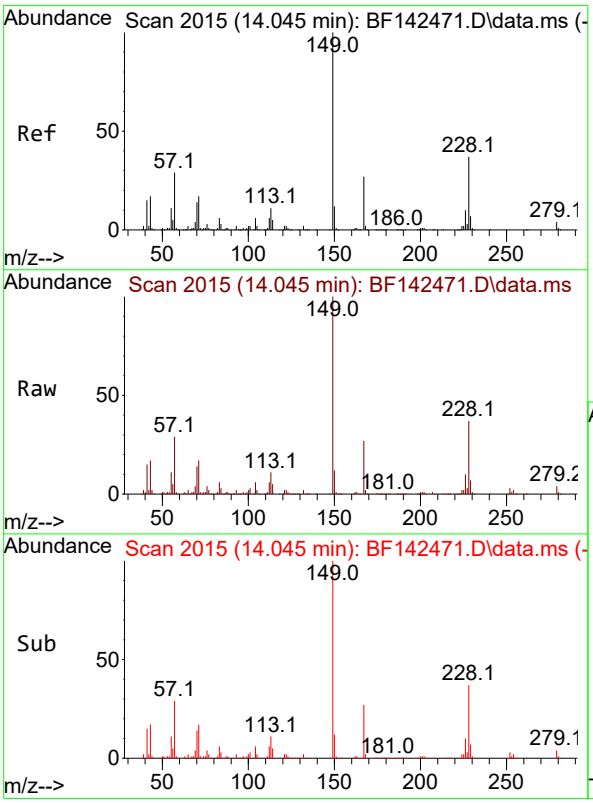
#83
Chrysene
Concen: 38.168 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 387081

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.3	15.4	23.2

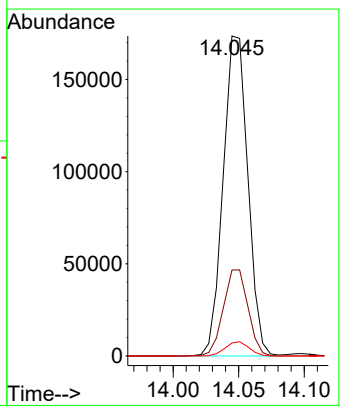


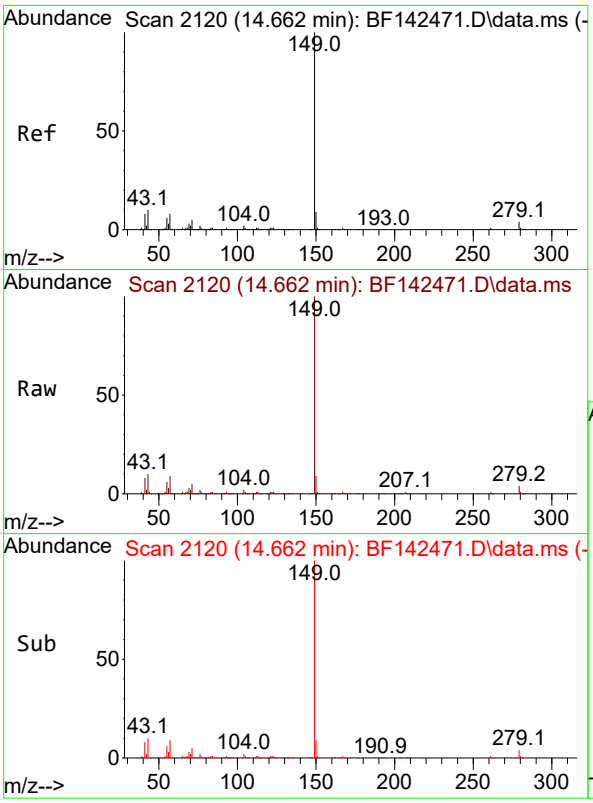


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.800 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:149 Resp: 227555

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.5	32.3
279	4.0	3.2	4.8



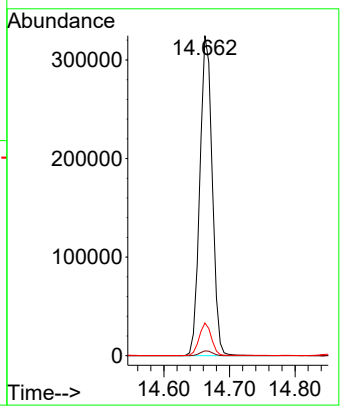


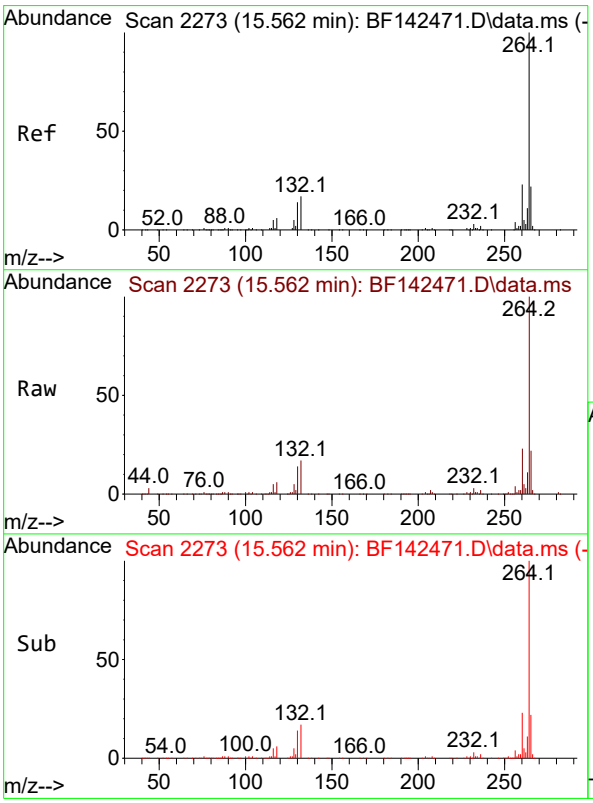
#85
Di-n-octyl phthalate
Concen: 39.246 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 427995

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	7.9	11.9

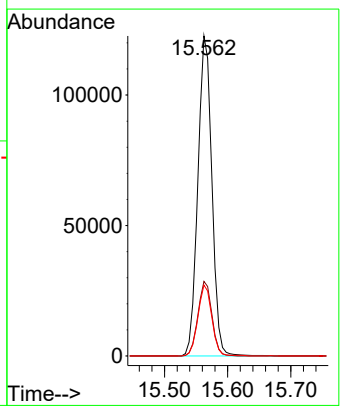


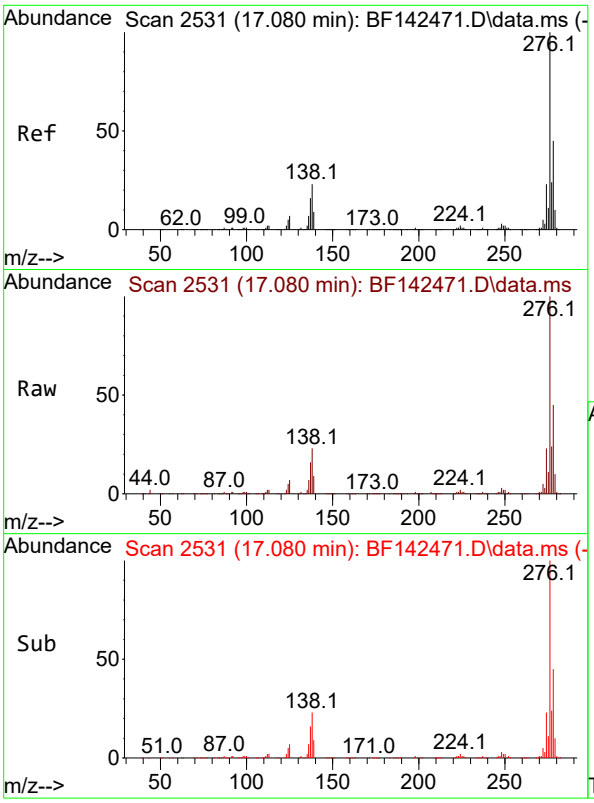


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:264 Resp: 189289

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.1	17.7	26.5



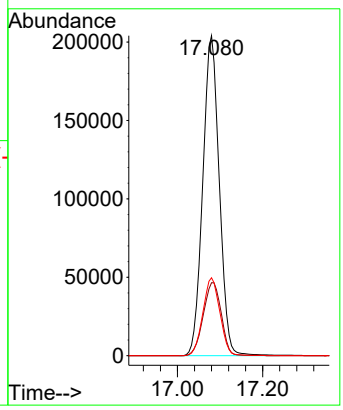


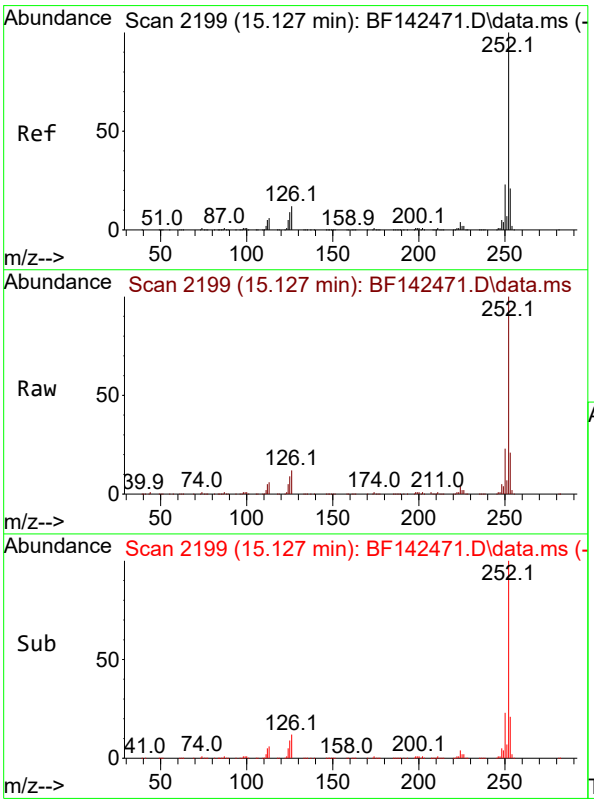
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.584 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 548309

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.2	20.2	30.2

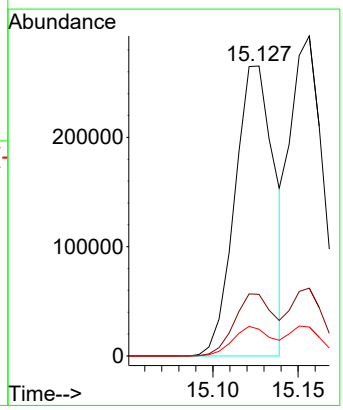


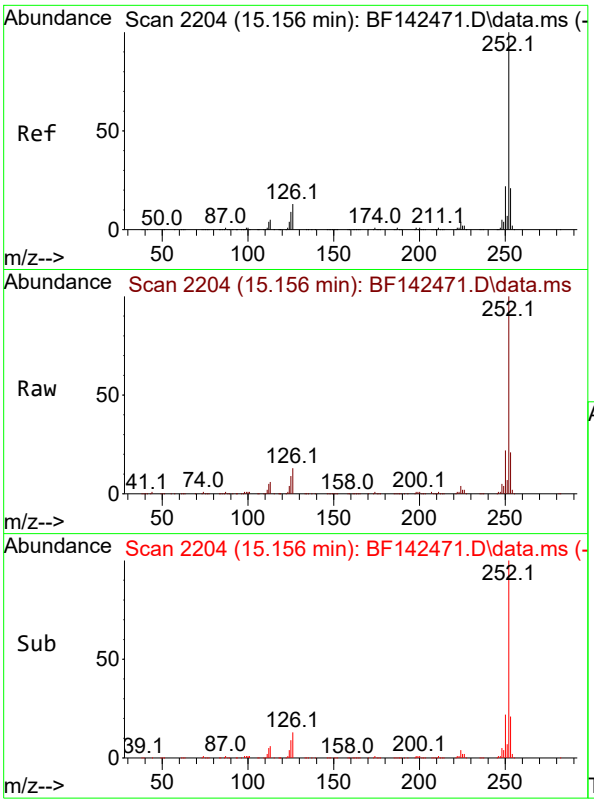


#88
Benzo(b)fluoranthene
Concen: 38.041 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 426174

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.2	7.4	11.0



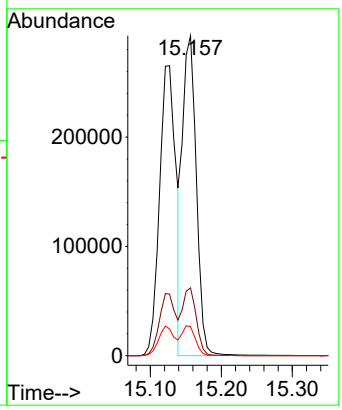


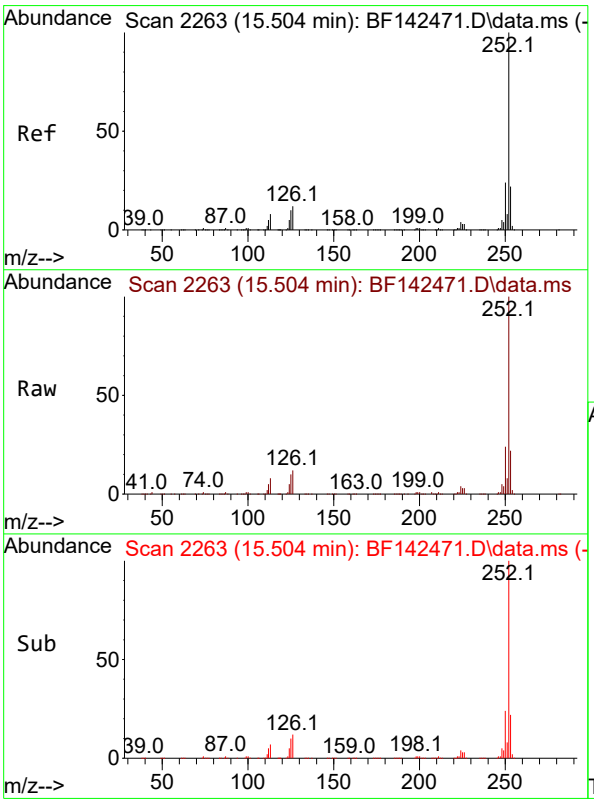
#89
Benzo(k)fluoranthene
Concen: 37.603 ng
RT: 15.156 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 394567

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	9.1	7.3	10.9

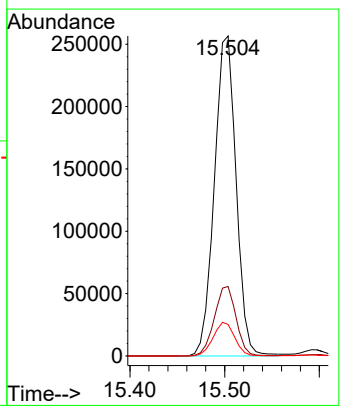


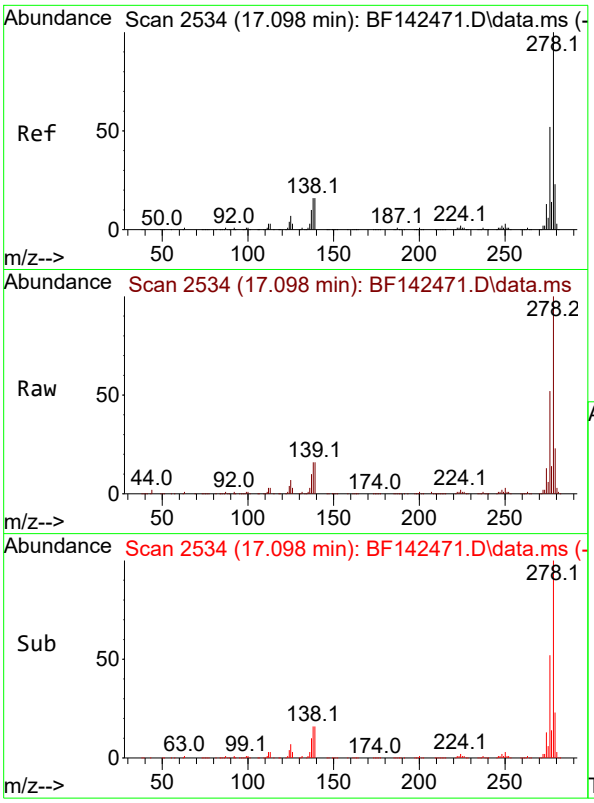


#90
Benzo(a)pyrene
Concen: 38.761 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:252 Resp: 409312

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.9	7.9	11.9



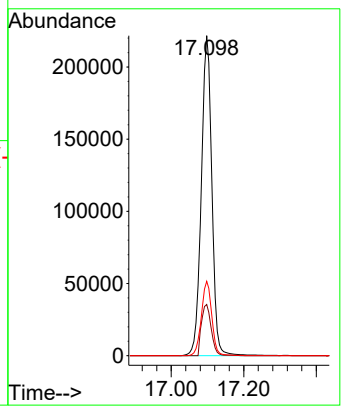


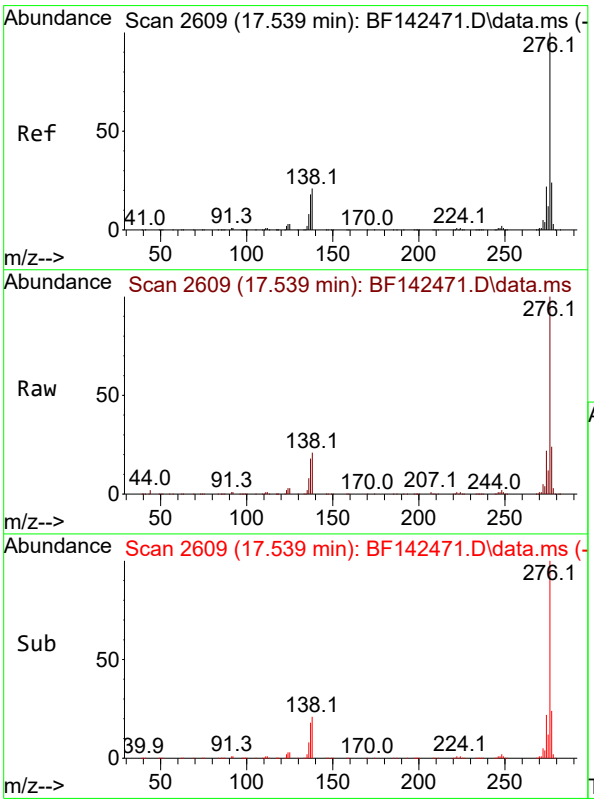
#91
Dibenzo(a,h)anthracene
Concen: 38.903 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 448372

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.3	18.6	28.0

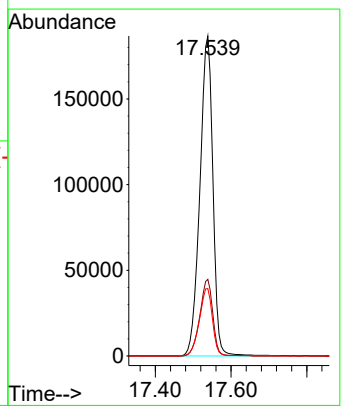




#92
Benzo(g,h,i)perylene
Concen: 38.747 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142471.D
Acq: 20 May 2025 14:05

Tgt Ion:276 Resp: 446674

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	21.0	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	86396	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	336796	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	181409	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	301685	20.000	ng	0.00
76) Chrysene-d12	14.074	240	149689	20.000	ng	0.00
86) Perylene-d12	15.562	264	171586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	526965	102.760	ng	0.00
7) Phenol-d6	6.528	99	633841	102.679	ng	0.00
23) Nitrobenzene-d5	7.469	82	643186	104.135	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	211319	104.956	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1342037	99.269	ng	0.00
79) Terphenyl-d14	13.016	244	1116751	101.951	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	107972	52.616	ng	99
3) Pyridine	3.434	79	275005	52.626	ng	99
4) n-Nitrosodimethylamine	3.393	42	145296	53.550	ng	99
6) Aniline	6.563	93	430377	51.852	ng	99
8) 2-Chlorophenol	6.687	128	288948	51.731	ng	99
9) Benzaldehyde	6.451	77	188241	50.700	ng	98
10) Phenol	6.540	94	357896	51.526	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	261046	52.210	ng	100
12) 1,3-Dichlorobenzene	6.845	146	320095	51.357	ng	99
13) 1,4-Dichlorobenzene	6.922	146	322871	51.427	ng	99
14) 1,2-Dichlorobenzene	7.075	146	309332	51.491	ng	100
15) Benzyl Alcohol	7.040	79	244326	53.559	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	434451	51.741	ng	100
17) 2-Methylphenol	7.151	107	227385	52.141	ng	99
18) Hexachloroethane	7.416	117	114346	52.159	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	197020	51.498	ng	99
20) 3+4-Methylphenols	7.304	107	288829	51.719	ng	91
22) Acetophenone	7.310	105	380175	50.992	ng	97
24) Nitrobenzene	7.487	77	288748	51.834	ng	99
25) Isophorone	7.728	82	536829	51.985	ng	99
26) 2-Nitrophenol	7.798	139	159779	53.679	ng	99
27) 2,4-Dimethylphenol	7.834	122	273604	52.123	ng	98
28) bis(2-Chloroethoxy)met...	7.934	93	329256	51.041	ng	100
29) 2,4-Dichlorophenol	8.039	162	252244	52.840	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	269064	51.934	ng	97
31) Naphthalene	8.210	128	847571	51.109	ng	100
32) Benzoic acid	7.951	122	177379	55.512	ng	98
33) 4-Chloroaniline	8.257	127	349678	52.037	ng	99
34) Hexachlorobutadiene	8.328	225	166363	51.428	ng	98
35) Caprolactam	8.628	113	71458	53.297	ng	99
36) 4-Chloro-3-methylphenol	8.733	107	253726	51.862	ng	99
37) 2-Methylnaphthalene	8.898	142	531122	50.907	ng	100
38) 1-Methylnaphthalene	8.998	142	547258	50.711	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	268407	51.543	ng	99
41) Hexachlorocyclopentadiene	9.051	237	195080	55.532	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	184076	52.421	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

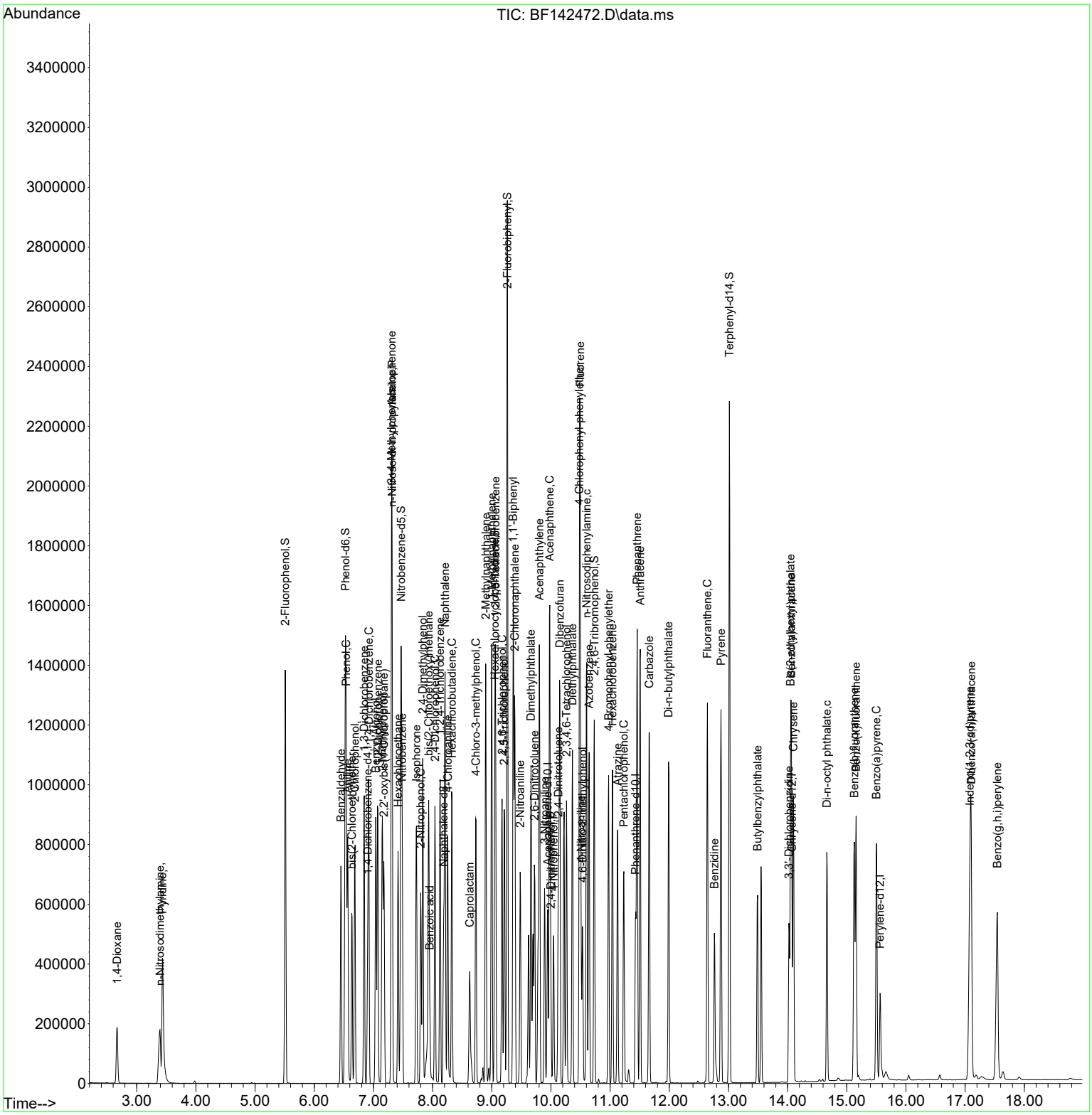
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	198266	53.537	ng	99
46) 1,1'-Biphenyl	9.363	154	723473	51.405	ng	100
47) 2-Chloronaphthalene	9.386	162	536379	51.583	ng	100
48) 2-Nitroaniline	9.481	65	160529	53.410	ng	99
49) Acenaphthylene	9.804	152	906063	51.602	ng	100
50) Dimethylphthalate	9.663	163	619616	51.764	ng	100
51) 2,6-Dinitrotoluene	9.722	165	137090	53.064	ng	98
52) Acenaphthene	9.980	154	554762	51.742	ng	99
53) 3-Nitroaniline	9.892	138	149786	53.082	ng	99
54) 2,4-Dinitrophenol	9.998	184	76730	57.487	ng	95
55) Dibenzofuran	10.151	168	787446	51.038	ng	100
56) 4-Nitrophenol	10.045	139	114198	54.849	ng	99
57) 2,4-Dinitrotoluene	10.128	165	180417	53.473	ng	100
58) Fluorene	10.492	166	608966	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	163539	52.897	ng	98
60) Diethylphthalate	10.363	149	608941	52.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	296264	50.597	ng	99
62) 4-Nitroaniline	10.510	138	133141	52.024	ng	98
63) Azobenzene	10.645	77	542894	51.703	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	97203	57.734	ng	98
66) n-Nitrosodiphenylamine	10.604	169	525974	50.960	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	185711	52.061	ng	99
68) Hexachlorobenzene	11.039	284	205759	52.151	ng	100
69) Atrazine	11.127	200	147922	53.966	ng	99
70) Pentachlorophenol	11.233	266	122184	54.852	ng	99
71) Phenanthrene	11.457	178	818043	50.739	ng	100
72) Anthracene	11.510	178	837242	50.882	ng	99
73) Carbazole	11.663	167	716381	50.927	ng	100
74) Di-n-butylphthalate	11.986	149	798451	51.856	ng	100
75) Fluoranthene	12.645	202	752083	49.923	ng	100
77) Benzidine	12.763	184	301122	54.058	ng	99
78) Pyrene	12.874	202	733277	52.513	ng	100
80) Butylbenzylphthalate	13.492	149	215174	55.767	ng	97
81) Benzo(a)anthracene	14.063	228	520525	52.076	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	166223	54.828	ng	99
83) Chrysene	14.098	228	469491	52.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	286151	57.932	ng	100
85) Di-n-octyl phthalate	14.663	149	535844	55.482	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	679247	52.730	ng	99
88) Benzo(b)fluoranthene	15.127	252	518544	51.062	ng	99
89) Benzo(k)fluoranthene	15.157	252	505348	53.130	ng	99
90) Benzo(a)pyrene	15.504	252	508303	53.101	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	553351	52.964	ng	100
92) Benzo(g,h,i)perylene	17.545	276	557271	53.328	ng	99

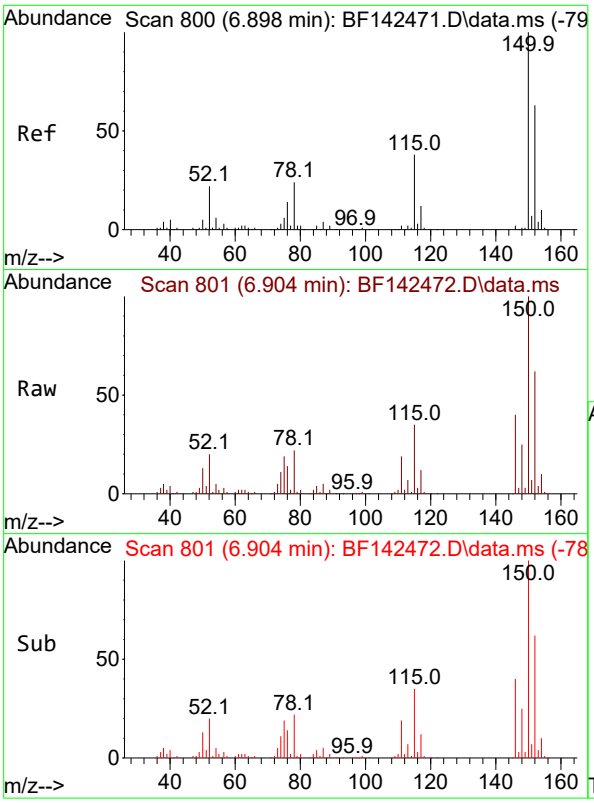
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142472.D
Acq On : 20 May 2025 14:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: May 20 16:55:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



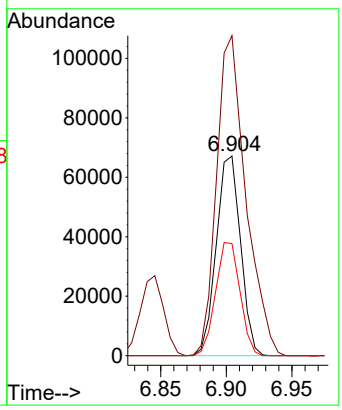


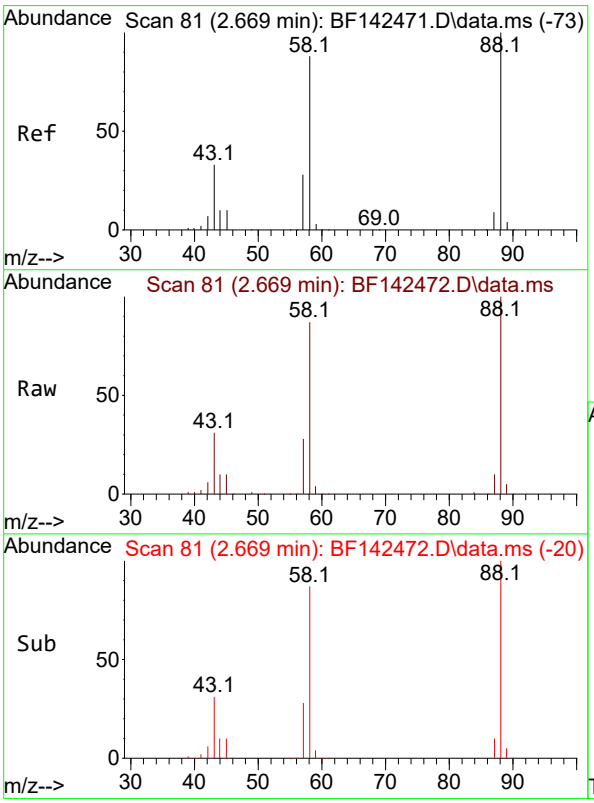
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 86396

Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.2	192.4
115	56.1	48.3	72.5

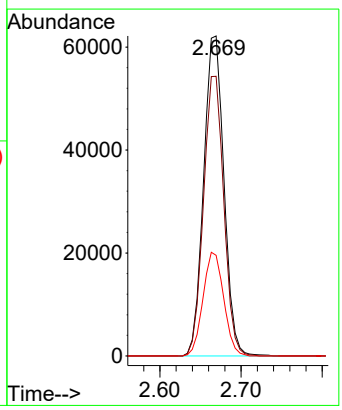


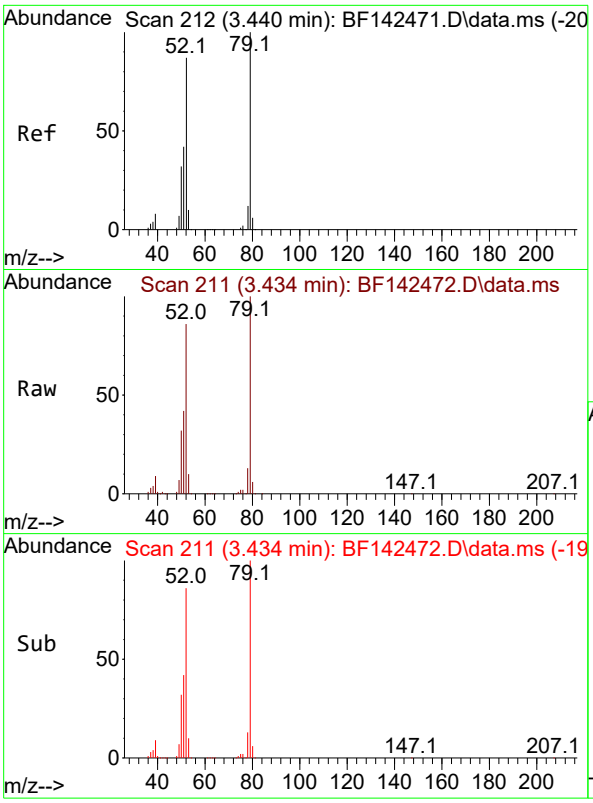


#2
1,4-Dioxane
Concen: 52.616 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 88 Resp: 107972

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.8	106.2
43	33.0	26.6	40.0



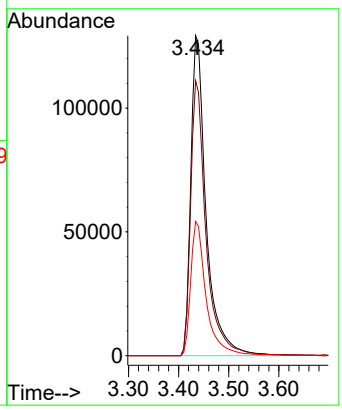


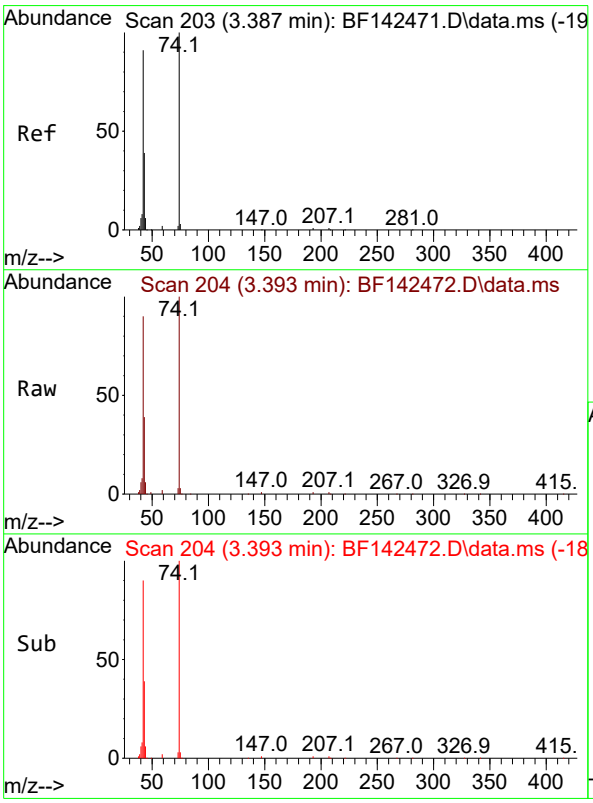
#3
Pyridine
Concen: 52.626 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 275005

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.2	103.8
51	41.9	33.3	49.9

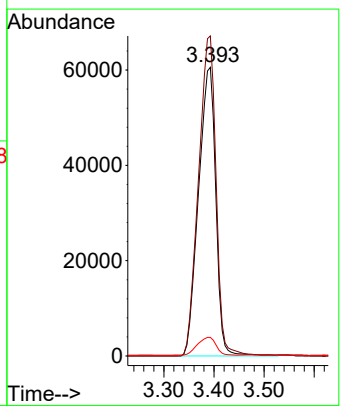


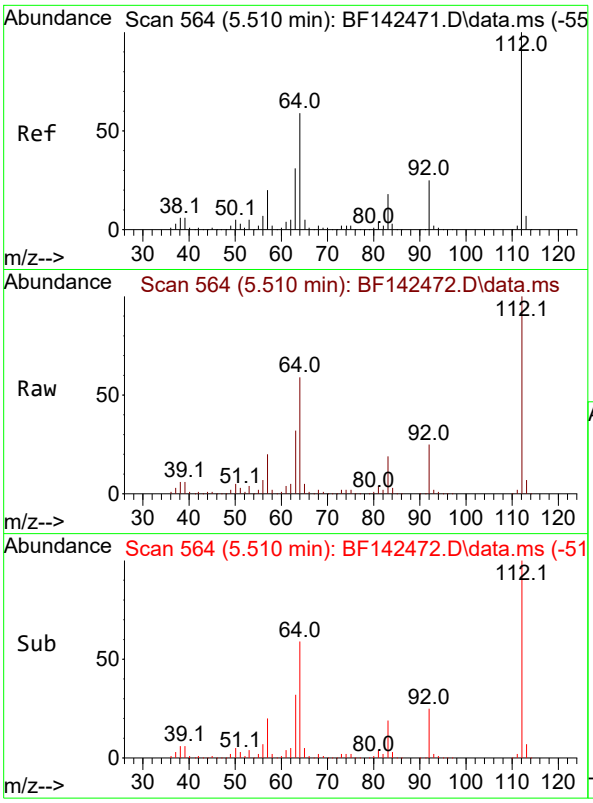


#4
n-Nitrosodimethylamine
Concen: 53.550 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 42 Resp: 145296

Ion	Ratio	Lower	Upper
42	100		
74	110.9	88.2	132.4
44	6.4	5.4	8.2



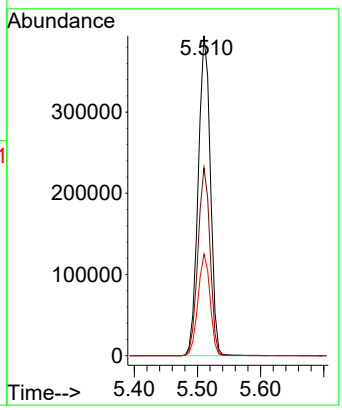


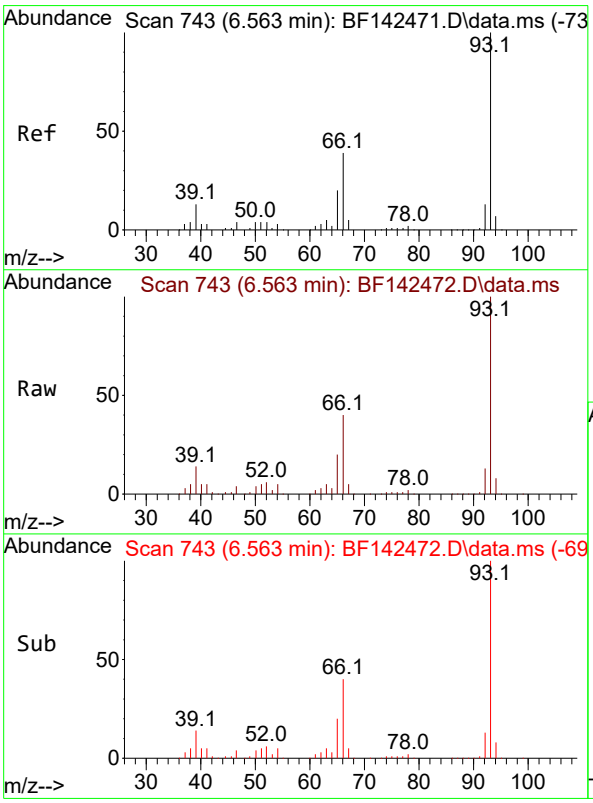
#5
2-Fluorophenol
Concen: 102.760 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 526965

Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.5	71.3
63	31.8	24.9	37.3

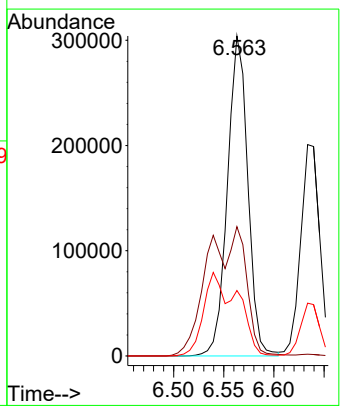


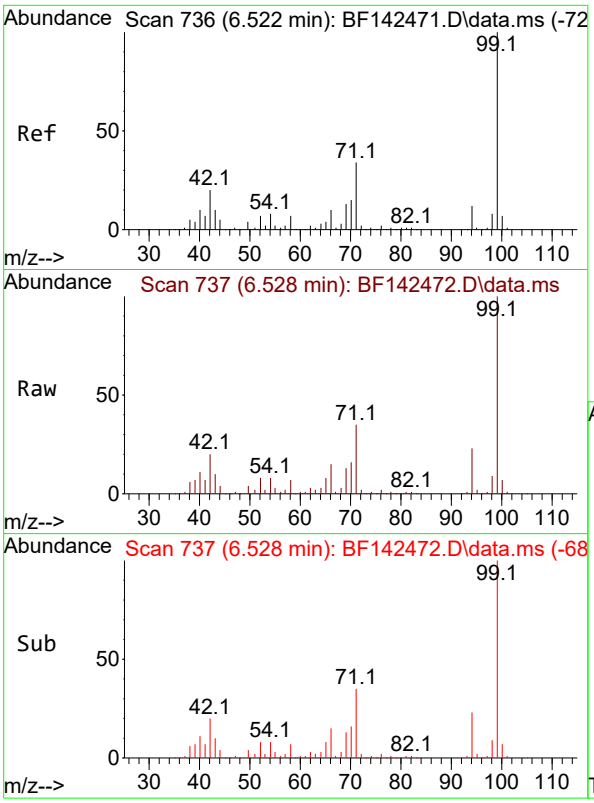


#6
Aniline
Concen: 51.852 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 93 Resp: 430377

Ion	Ratio	Lower	Upper
93	100		
66	40.4	32.0	48.0
65	20.4	16.1	24.1



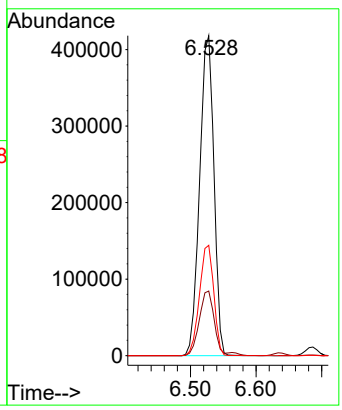


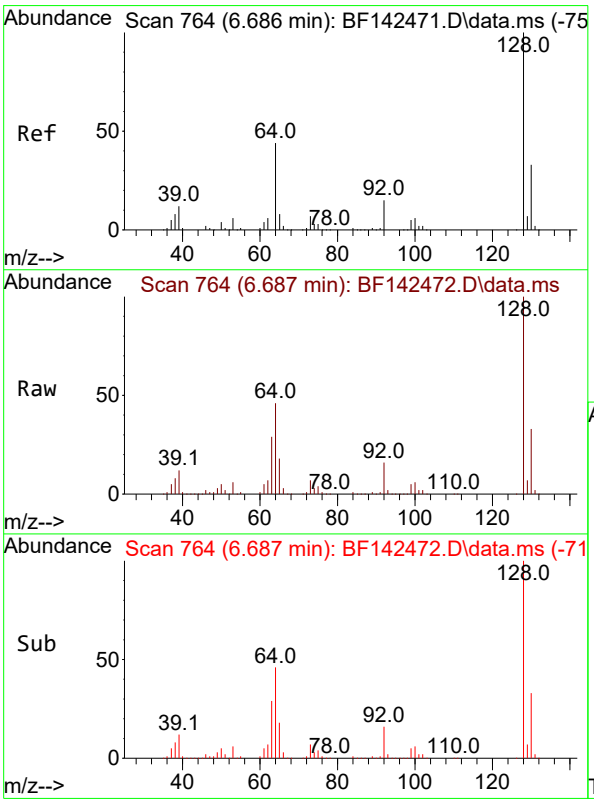
#7
Phenol-d6
Concen: 102.679 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 633841

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	34.5	27.3	40.9

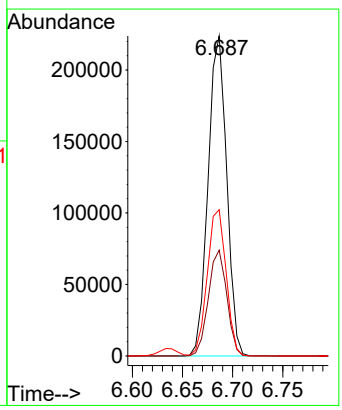


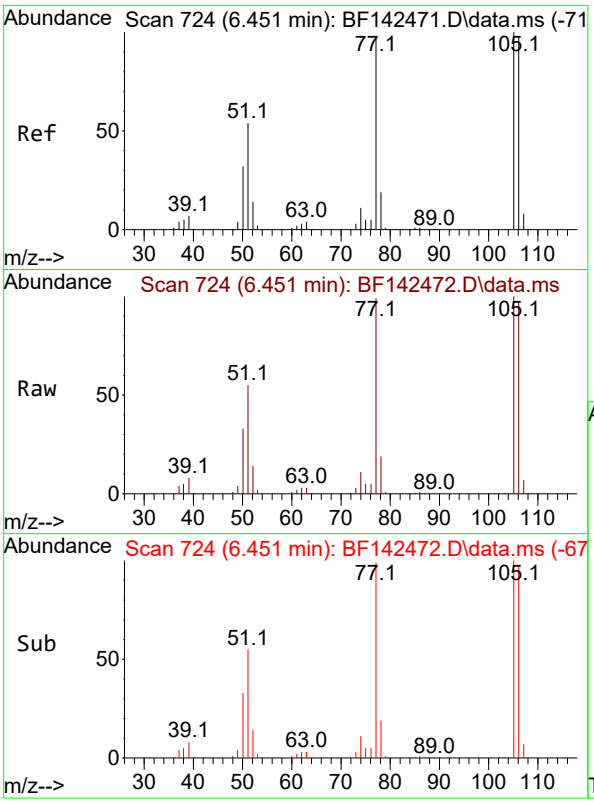


#8
2-Chlorophenol
Concen: 51.731 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:128 Resp: 288948

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	45.7	25.1	65.1



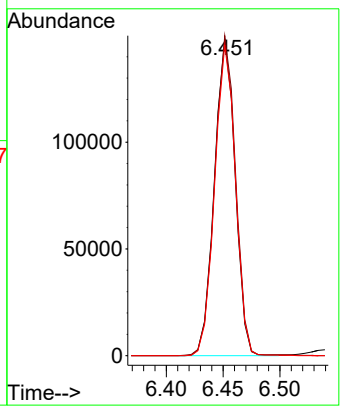


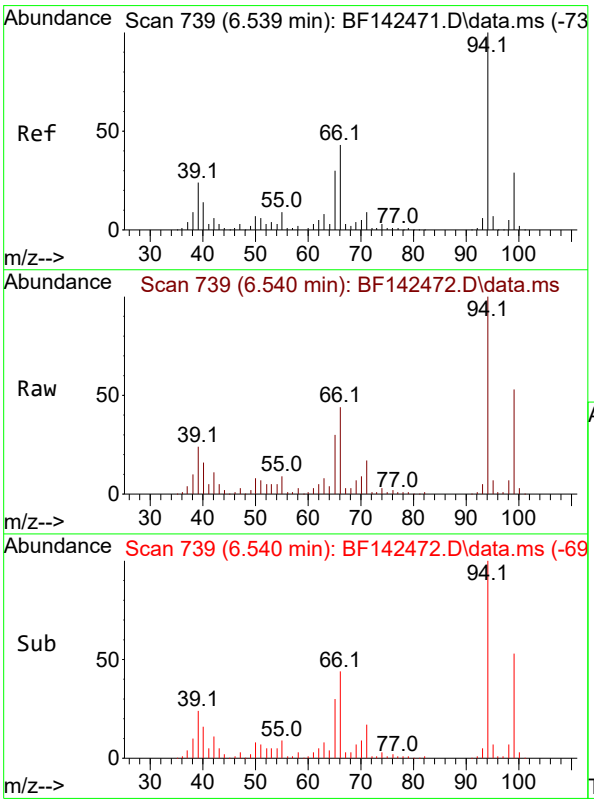
#9
Benzaldehyde
Concen: 50.700 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 188241

Ion	Ratio	Lower	Upper
77	100		
105	100.9	82.5	122.5
106	98.0	80.0	120.0

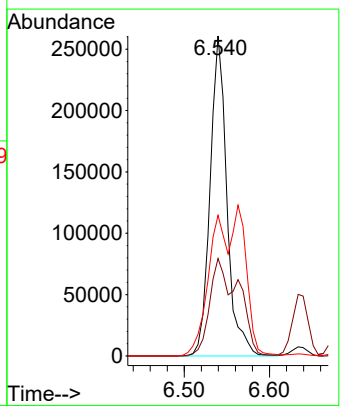


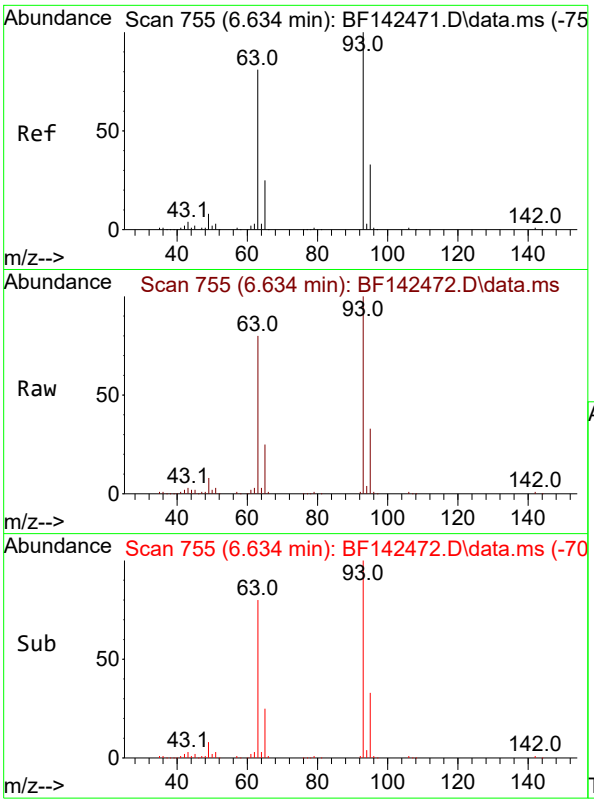


#10
Phenol
Concen: 51.526 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 94 Resp: 357896

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.3	50.3
66	44.0	22.6	62.6



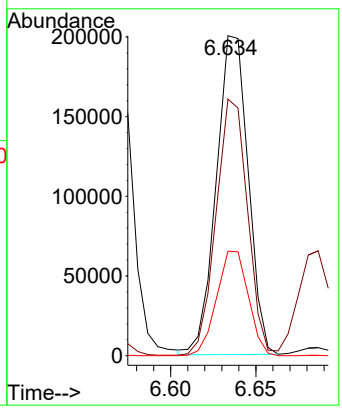


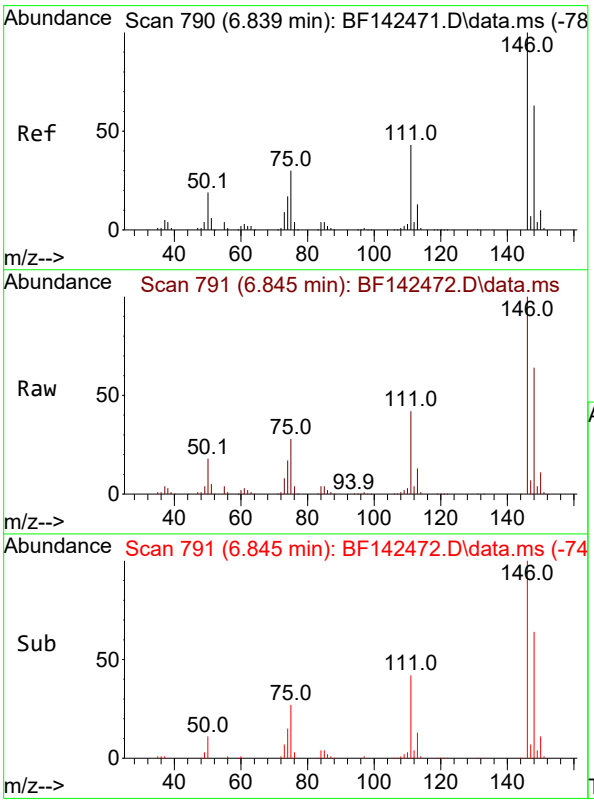
#11
bis(2-Chloroethyl)ether
Concen: 52.210 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 261046

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	32.7	12.3	52.3

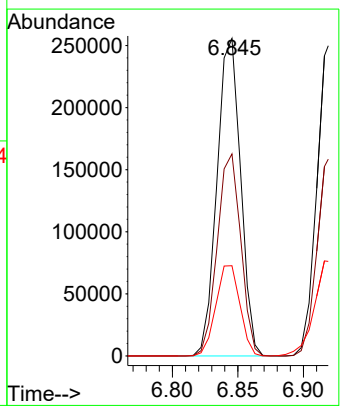


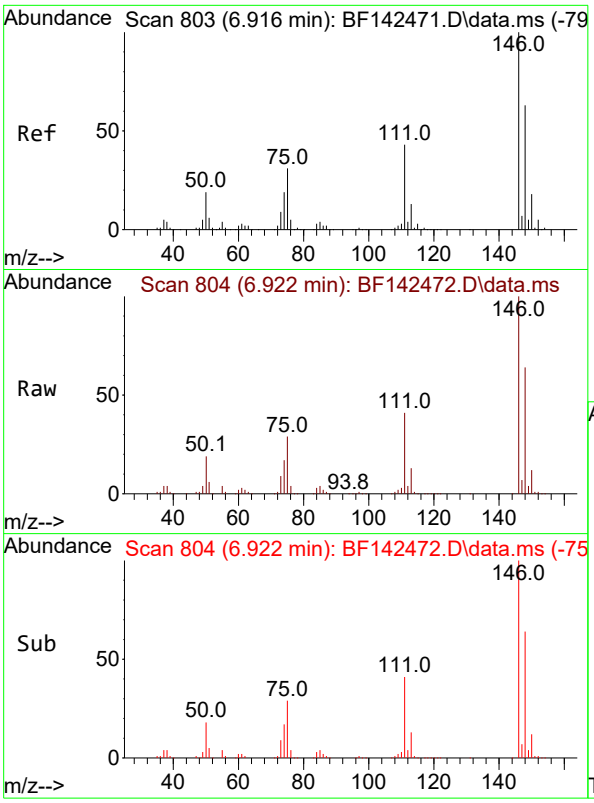


#12
1,3-Dichlorobenzene
Concen: 51.357 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:146 Resp: 320095

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	28.4	23.8	35.6



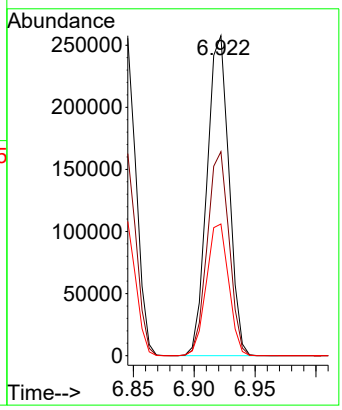


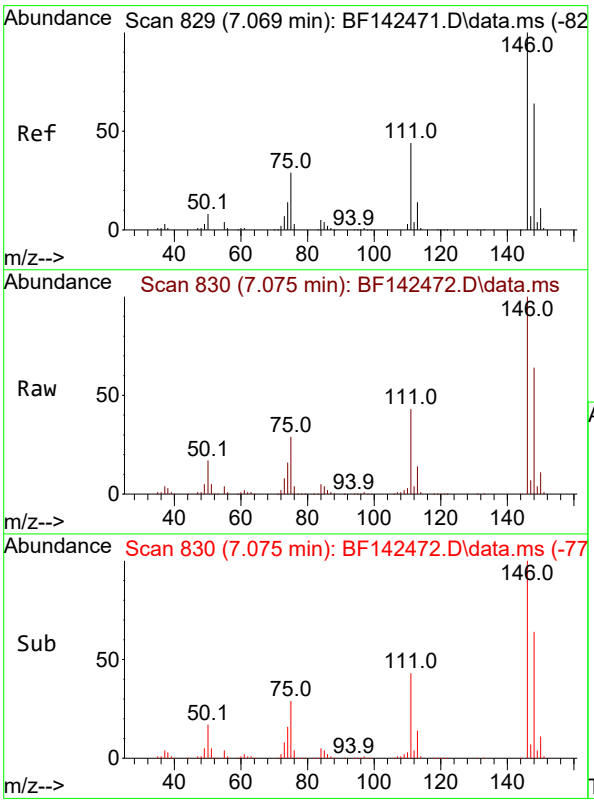
#13
1,4-Dichlorobenzene
Concen: 51.427 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 322871

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	41.1	34.1	51.1

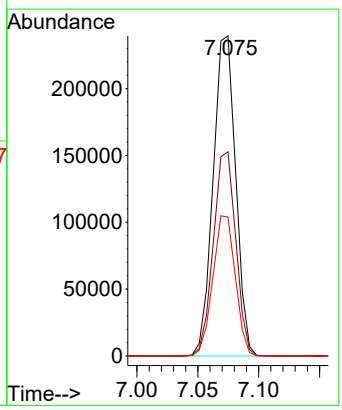


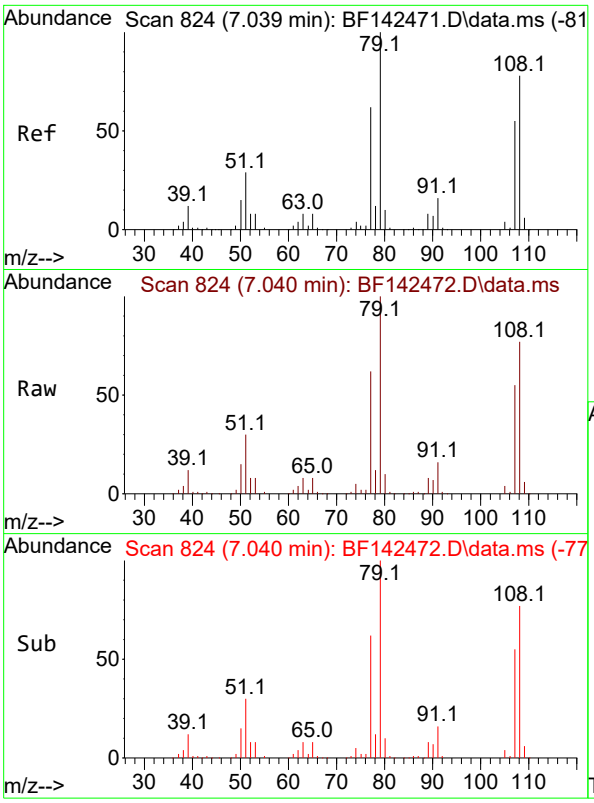


#14
1,2-Dichlorobenzene
Concen: 51.491 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:146 Resp: 309332

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	43.4	35.0	52.6



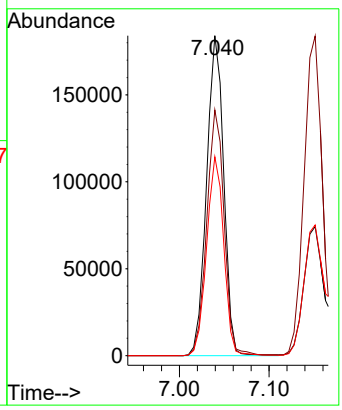


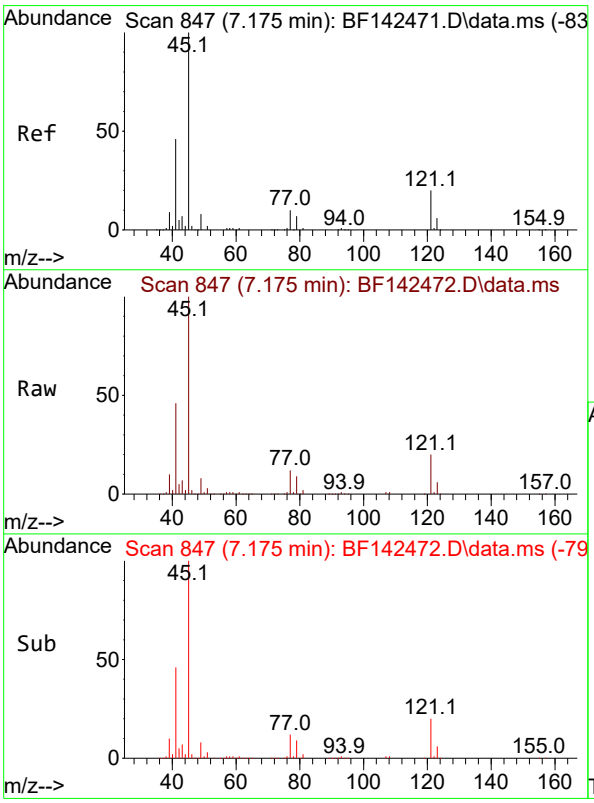
#15
Benzyl Alcohol
Concen: 53.559 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 244326

Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.1	93.1
77	62.1	49.5	74.3

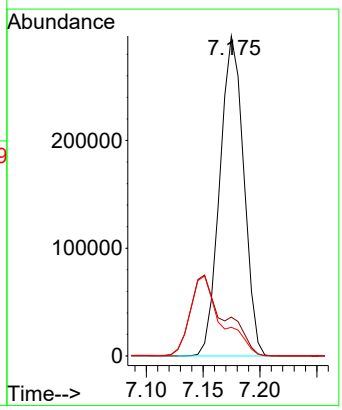


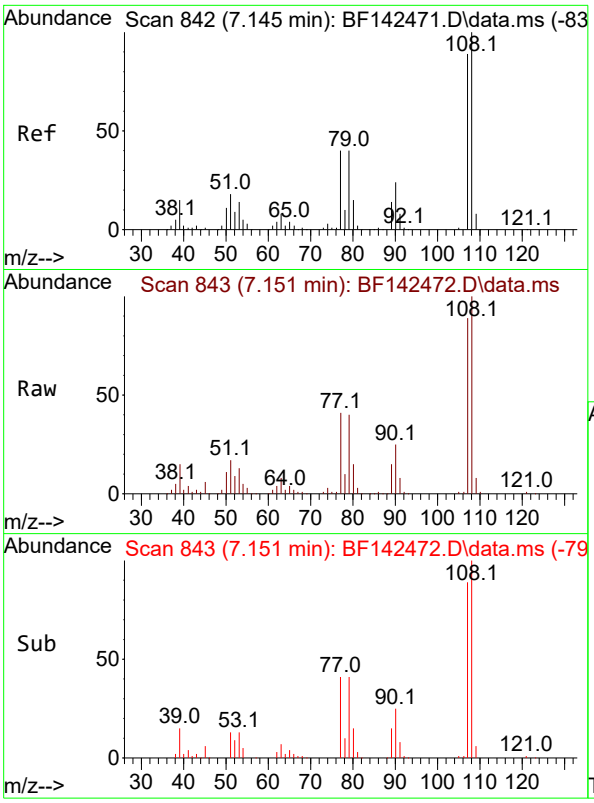


#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.741 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 45 Resp: 434451

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.0	0.0	29.2



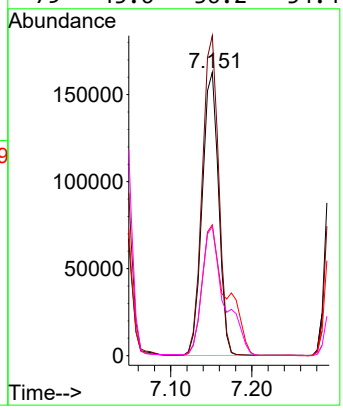


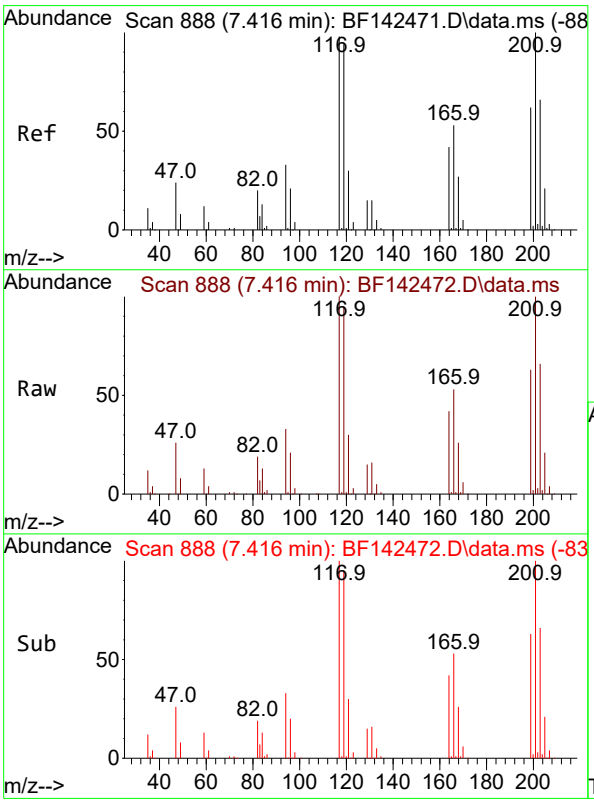
#17
2-Methylphenol
Concen: 52.141 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 227385

Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.2	135.2
77	46.2	36.1	54.1
79	45.6	36.2	54.4

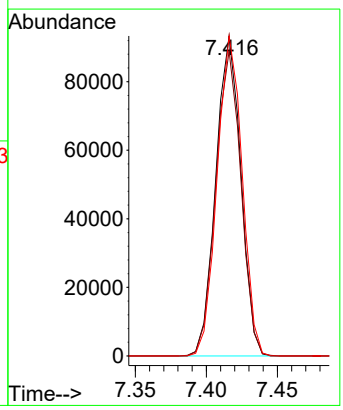


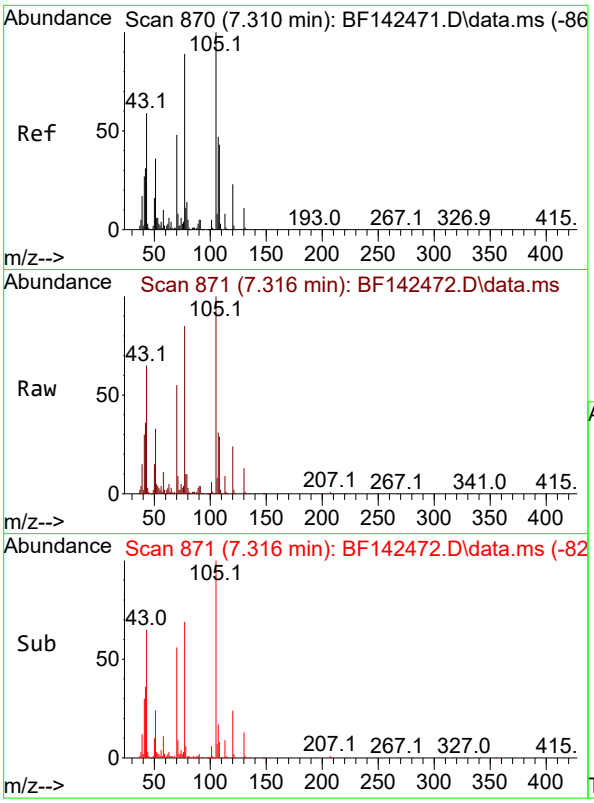


#18
Hexachloroethane
Concen: 52.159 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:117 Resp: 114346

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.6	114.8
201	100.0	81.3	121.9



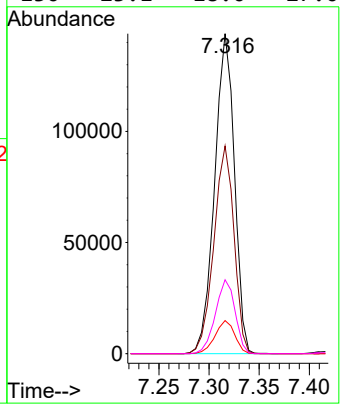


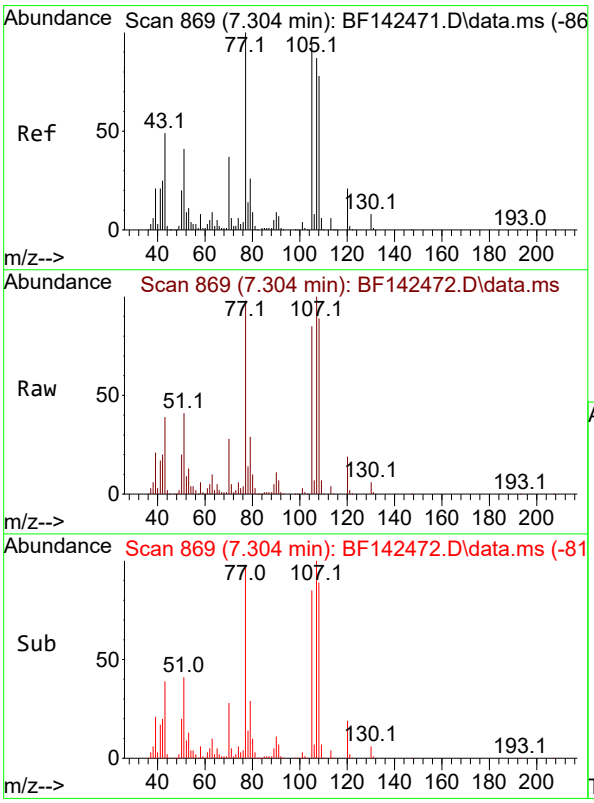
#19
n-Nitroso-di-n-propylamine
Concen: 51.498 ng
RT: 7.316 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 197020

Ion	Ratio	Lower	Upper
70	100		
42	64.9	52.4	78.6
101	10.4	7.8	11.8
130	23.1	18.0	27.0

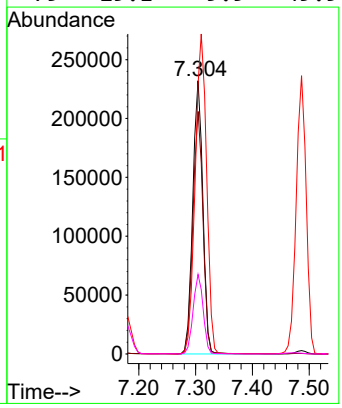


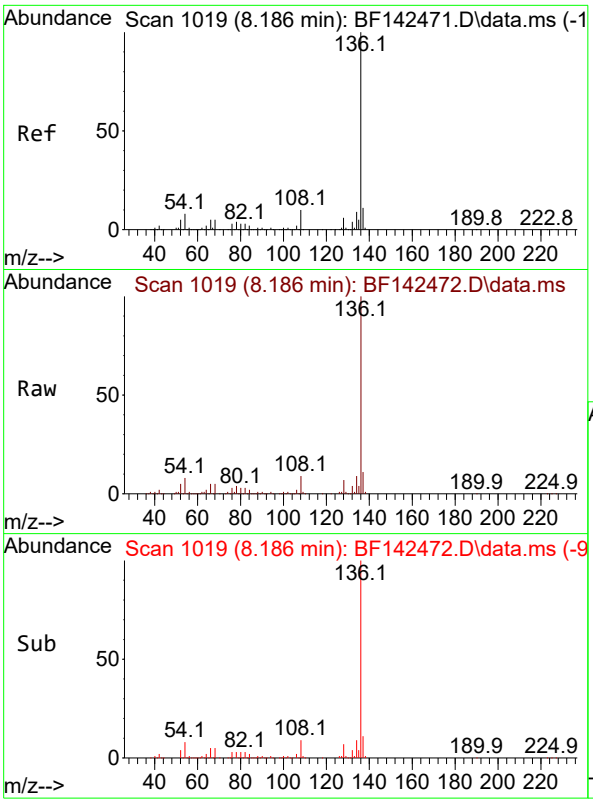


#20
3+4-Methylphenols
Concen: 51.719 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:107 Resp: 288829

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.4	110.4
77	98.4	95.4	135.4
79	29.1	9.9	49.9



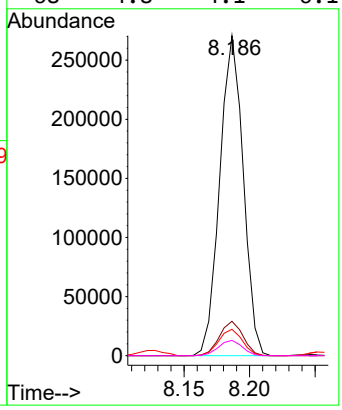


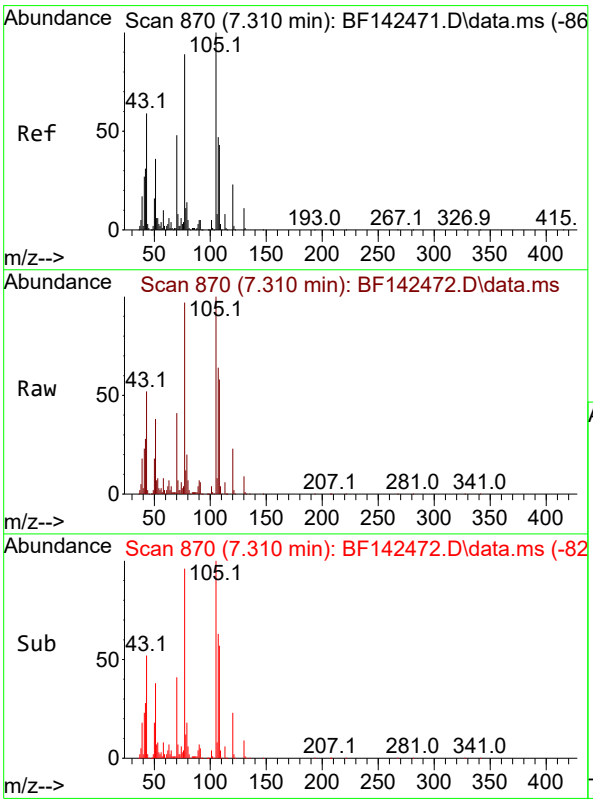
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 336796

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.6	10.0
68	4.8	4.1	6.1

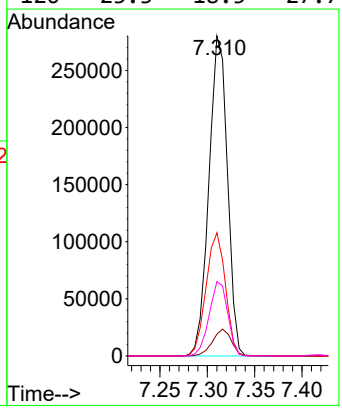


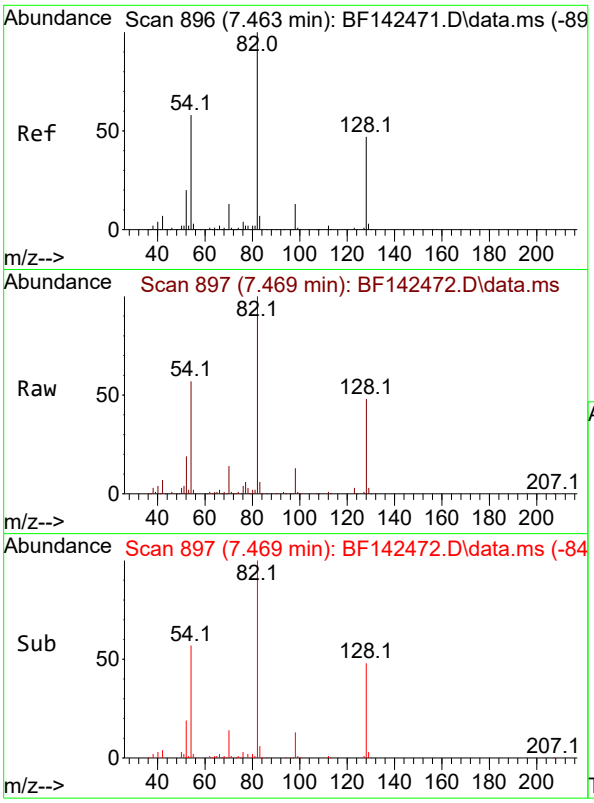


#22
Acetophenone
Concen: 50.992 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:105 Resp: 380175

Ion	Ratio	Lower	Upper
105	100		
71	6.8	6.4	9.6
51	38.5	28.6	42.8
120	23.3	18.5	27.7



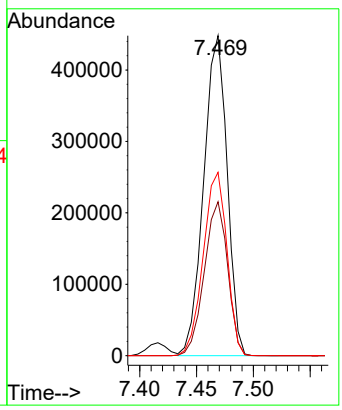


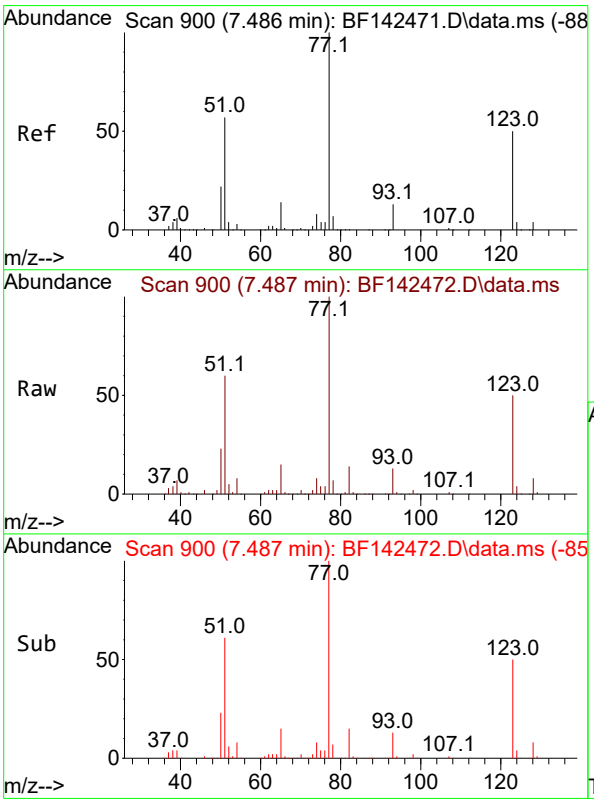
#23
Nitrobenzene-d5
Concen: 104.135 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 643186

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.2
54	57.3	46.6	70.0

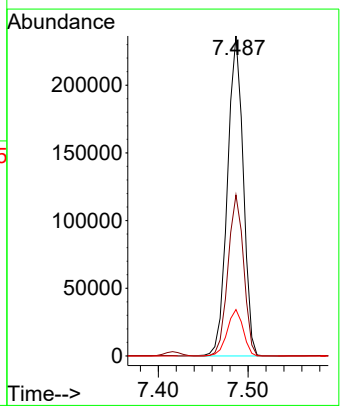


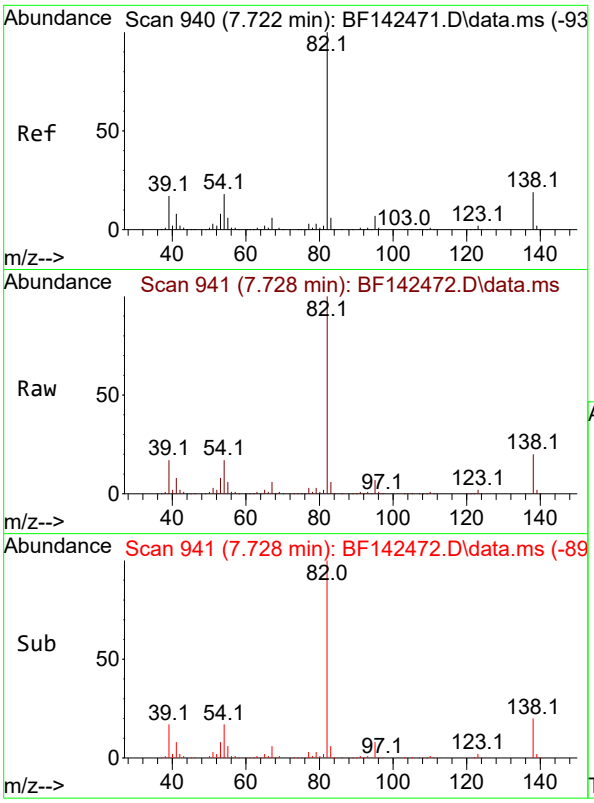


#24
Nitrobenzene
Concen: 51.834 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 77 Resp: 288748

Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.6	61.0
65	14.5	11.4	17.2



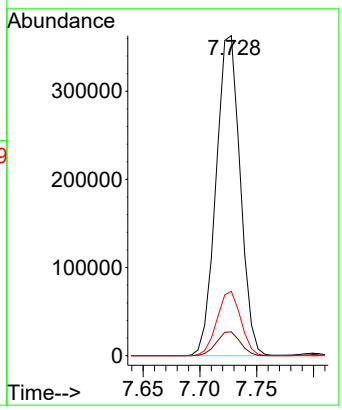


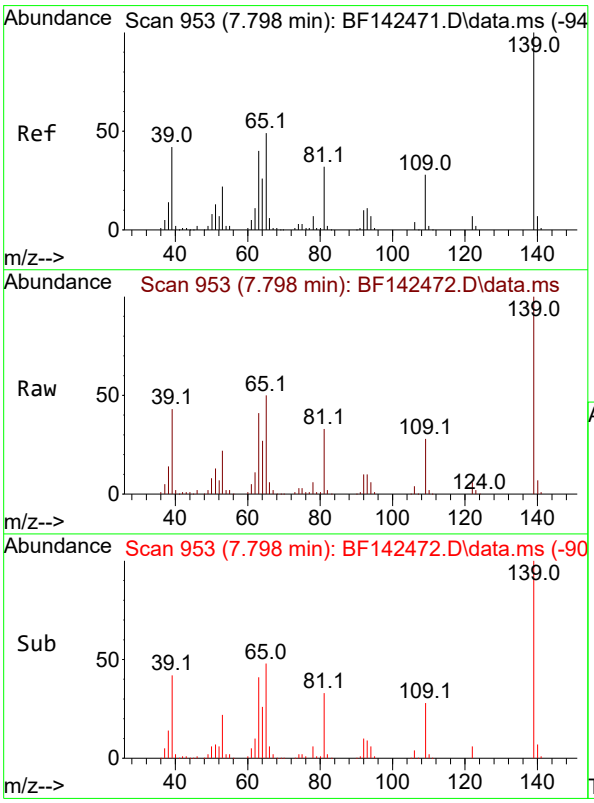
#25
Isophorone
Concen: 51.985 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 536829

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	20.1	15.5	23.3

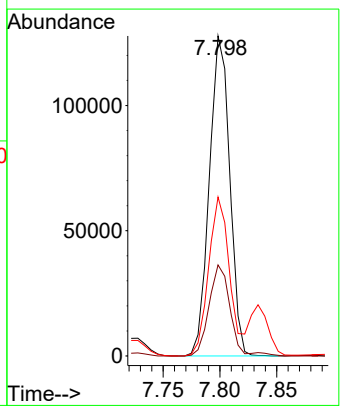


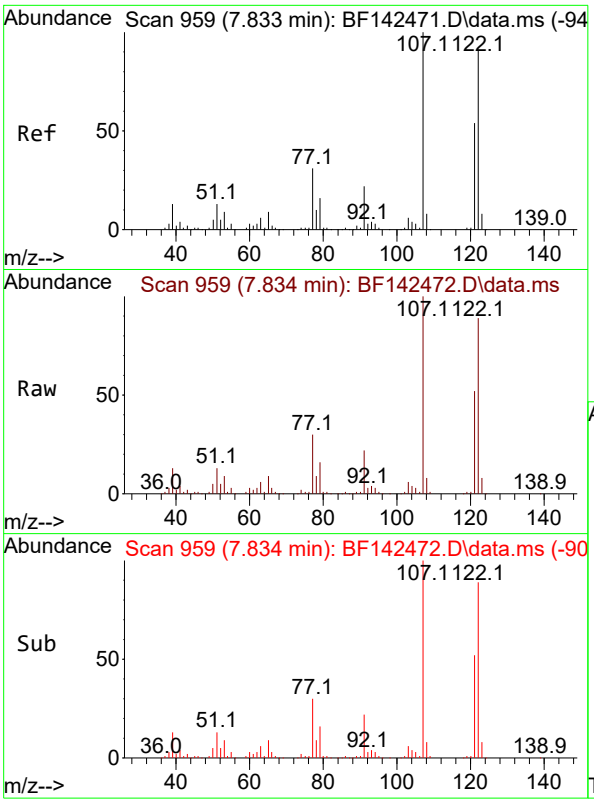


#26
2-Nitrophenol
Concen: 53.679 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:139 Resp: 159779

Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.6	33.8
65	49.6	39.4	59.0



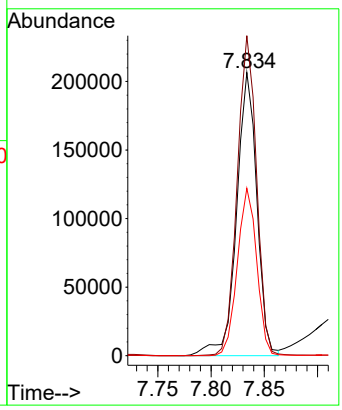


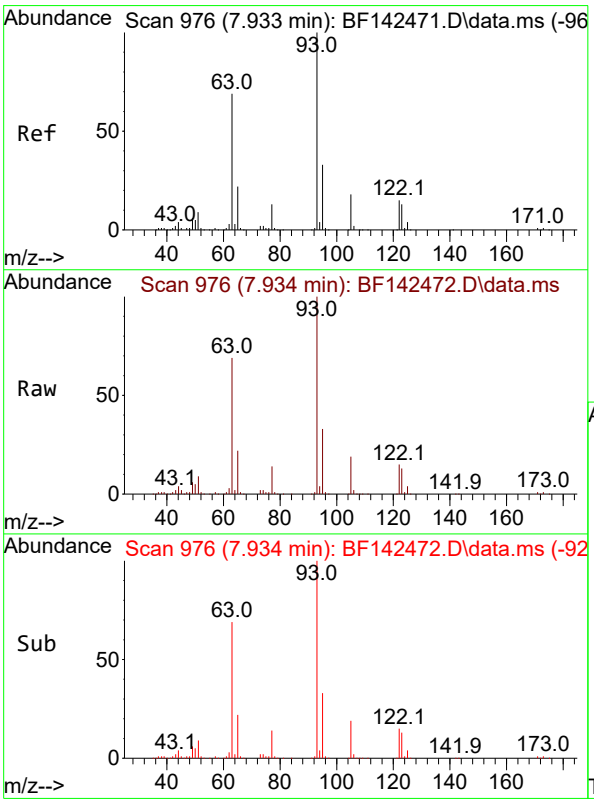
#27
2,4-Dimethylphenol
Concen: 52.123 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 273604

Ion	Ratio	Lower	Upper
122	100		
107	113.0	88.1	132.1
121	59.1	47.3	70.9

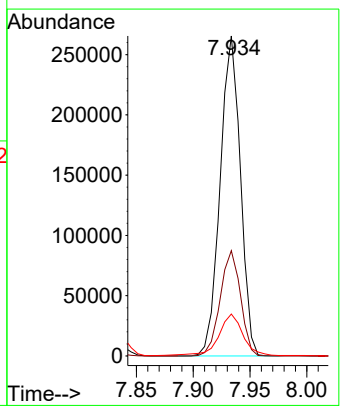


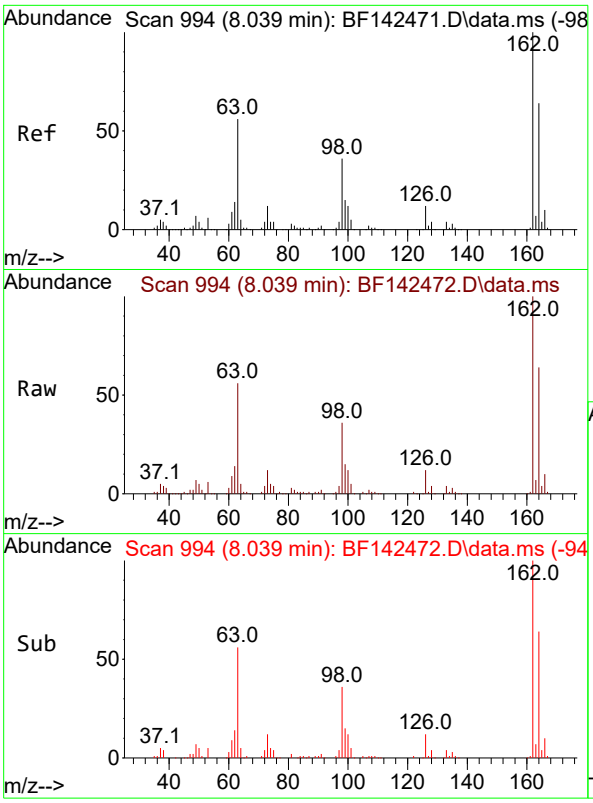


#28
bis(2-Chloroethoxy)methane
Concen: 51.041 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 93 Resp: 329256

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	13.1	10.6	15.8



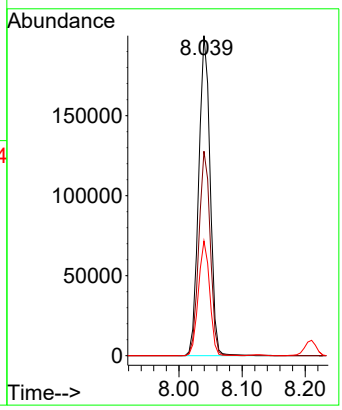


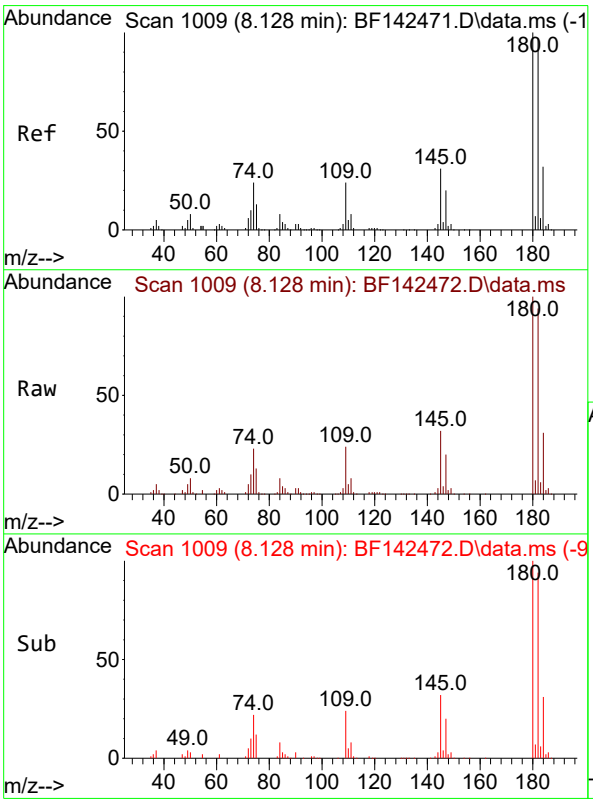
#29
2,4-Dichlorophenol
Concen: 52.840 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 252244

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.7	83.7
98	35.9	15.5	55.5

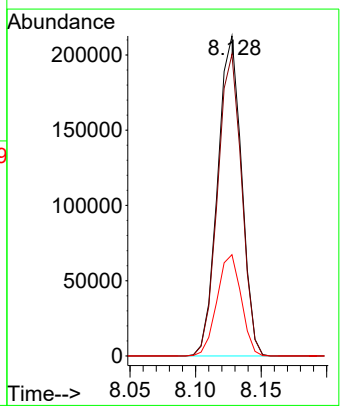


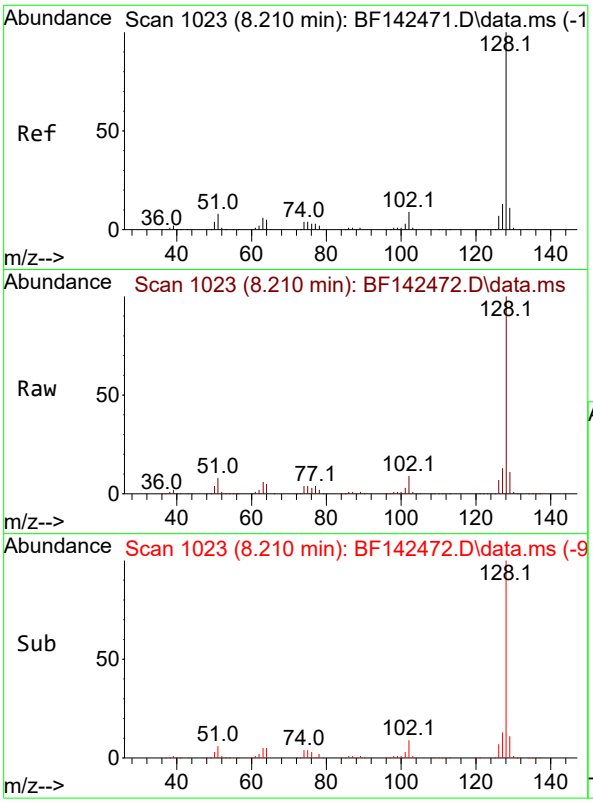


#30
1,2,4-Trichlorobenzene
Concen: 51.934 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:180 Resp: 269064

Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	31.7	25.0	37.6



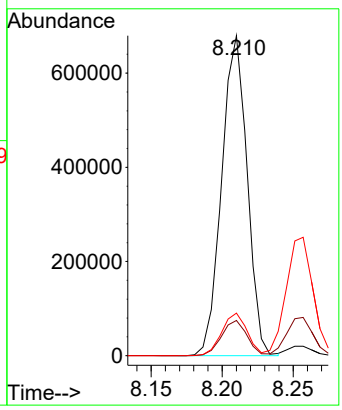


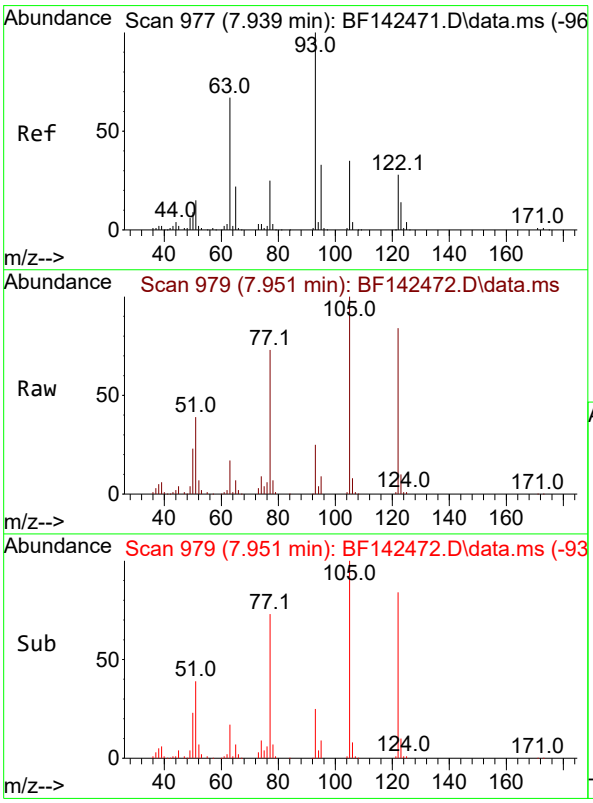
#31
Naphthalene
Concen: 51.109 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 847571

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.3	10.5	15.7

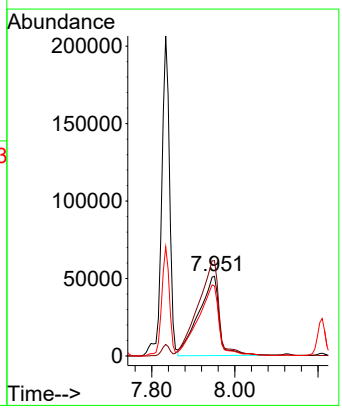


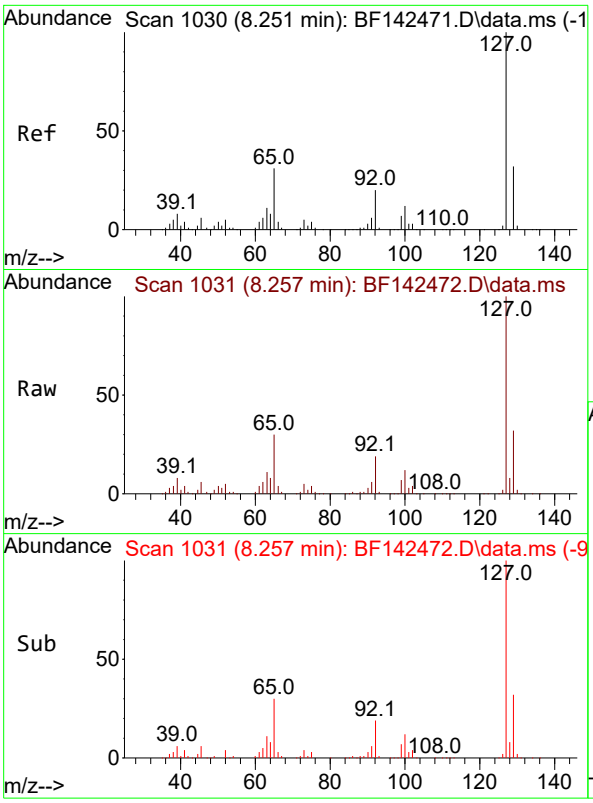


#32
Benzoic acid
Concen: 55.512 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:122 Resp: 177379

Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.7	141.7
77	87.7	69.5	109.5



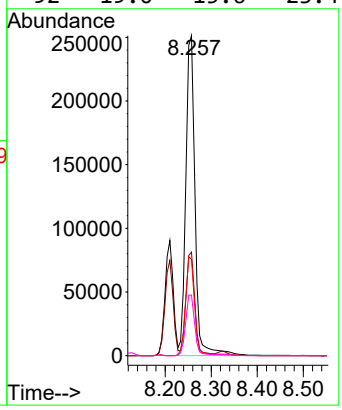


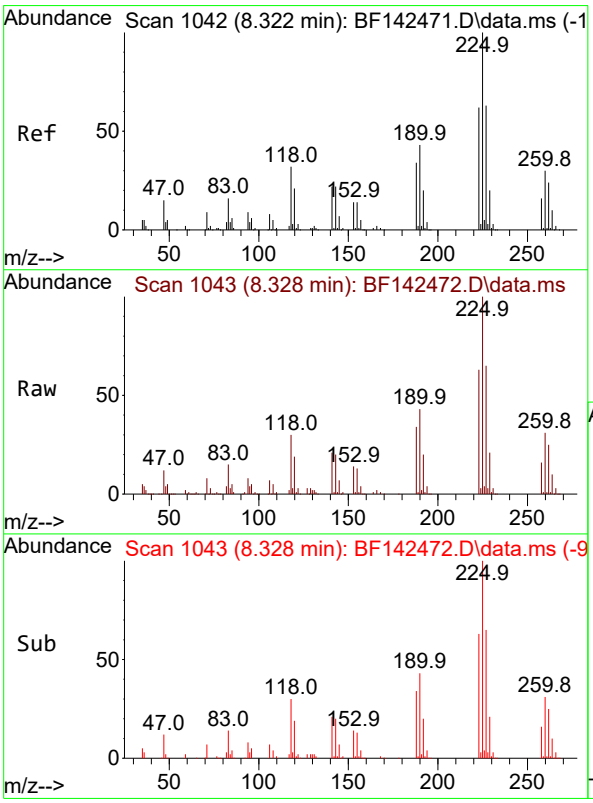
#33
4-Chloroaniline
Concen: 52.037 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 349678

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.2	24.9	37.3
92	19.0	15.6	23.4

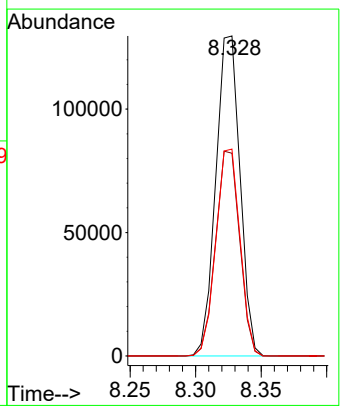


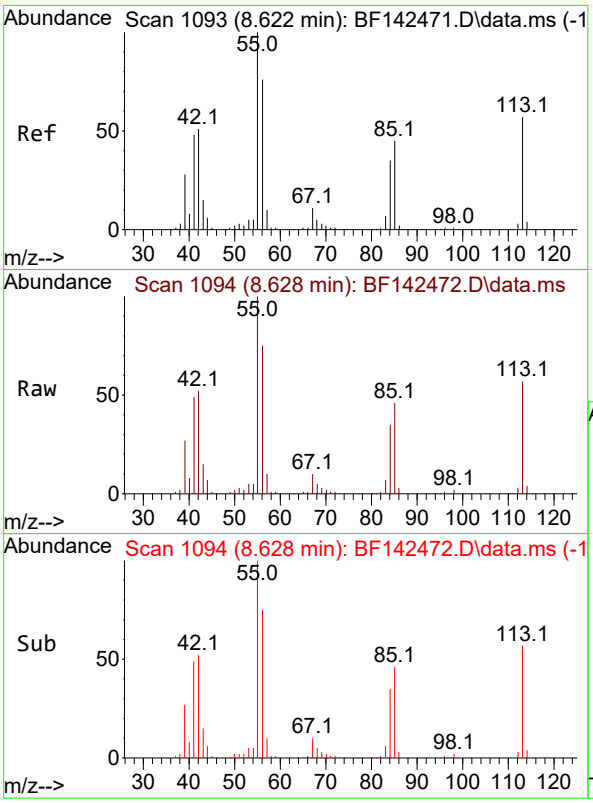


#34
Hexachlorobutadiene
Concen: 51.428 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:225 Resp: 166363

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.7	74.5
227	64.6	50.3	75.5



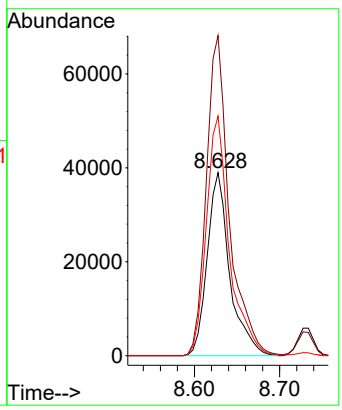


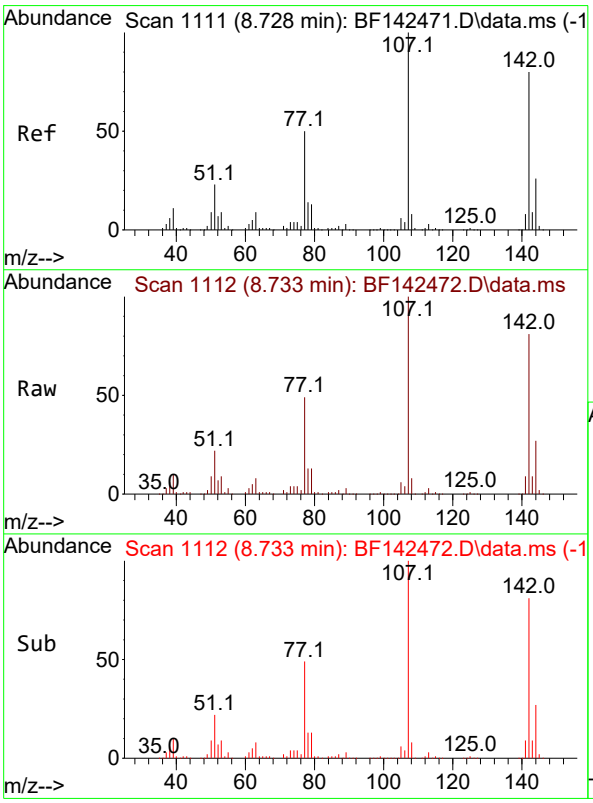
#35
Caprolactam
Concen: 53.297 ng
RT: 8.628 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 71458

Ion	Ratio	Lower	Upper
113	100		
55	174.8	154.7	194.7
56	130.8	113.2	153.2

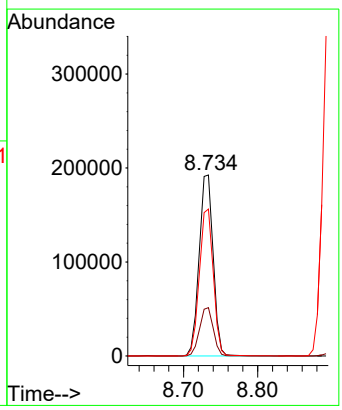


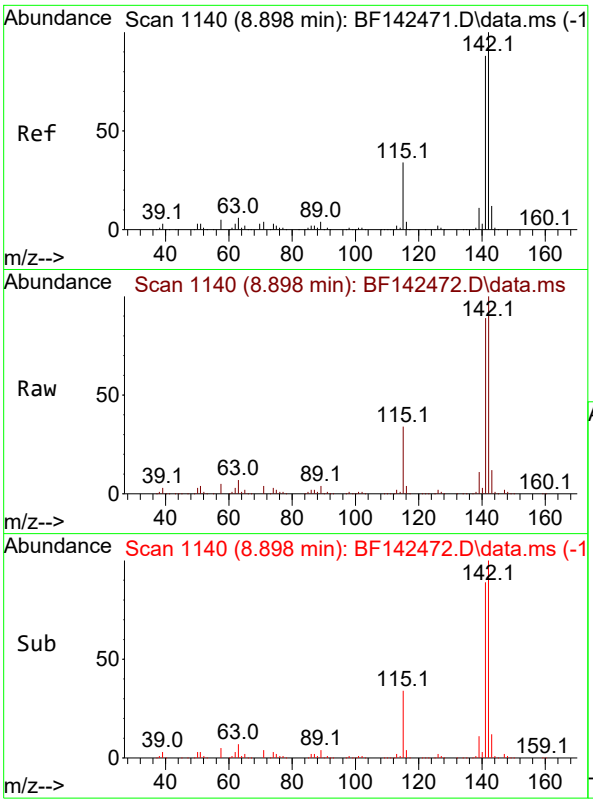


#36
4-Chloro-3-methylphenol
Concen: 51.862 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:107 Resp: 253726

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.9	31.3
142	81.2	64.2	96.2



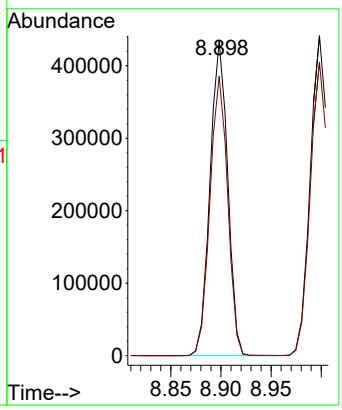


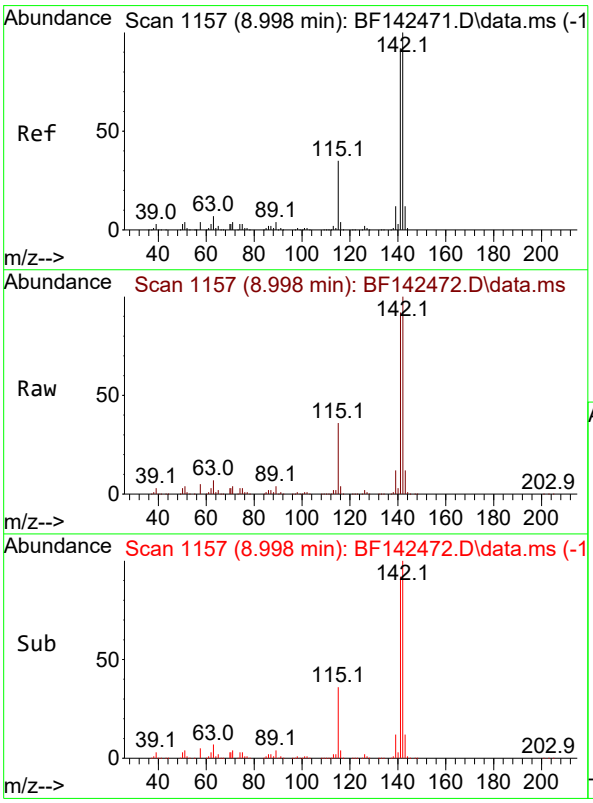
#37
2-Methylnaphthalene
Concen: 50.907 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 531122

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.7	106.1

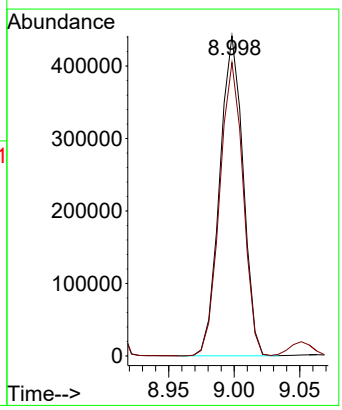


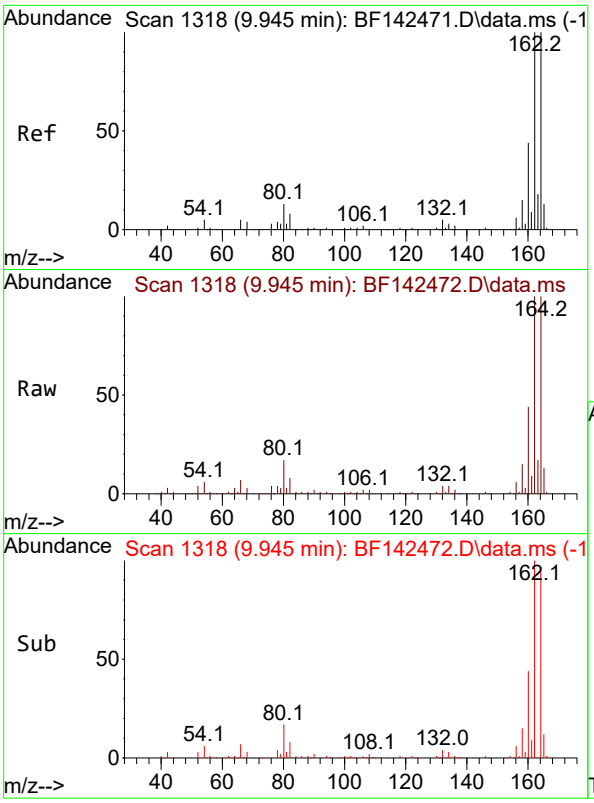


#38
1-Methylnaphthalene
Concen: 50.711 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:142 Resp: 547258

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.2



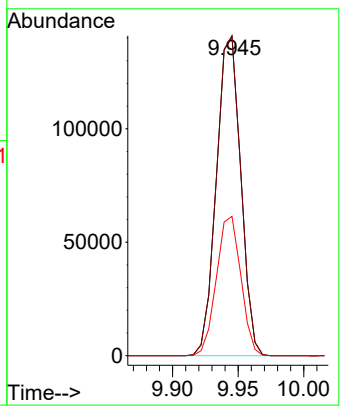


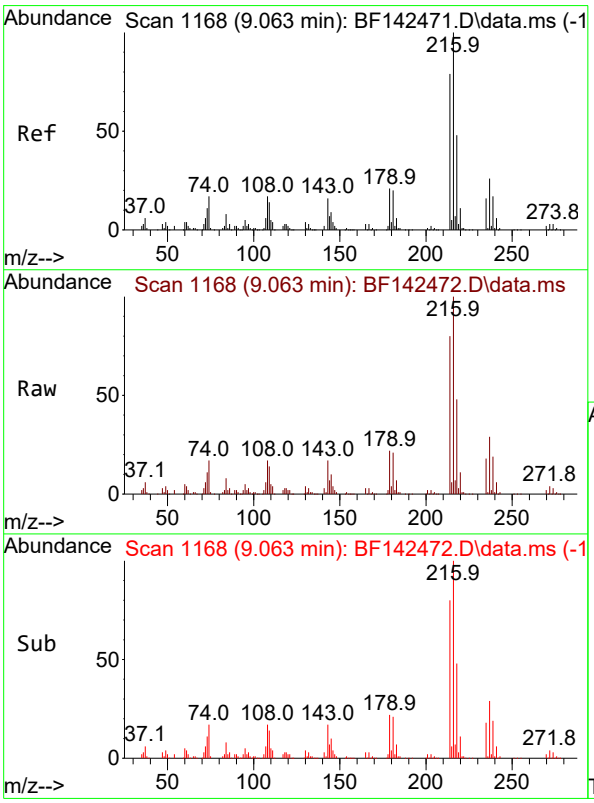
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 181409

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.2	120.4
160	43.7	35.6	53.4

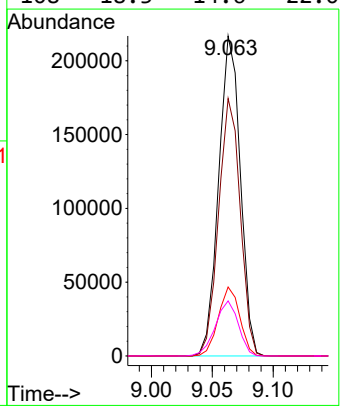


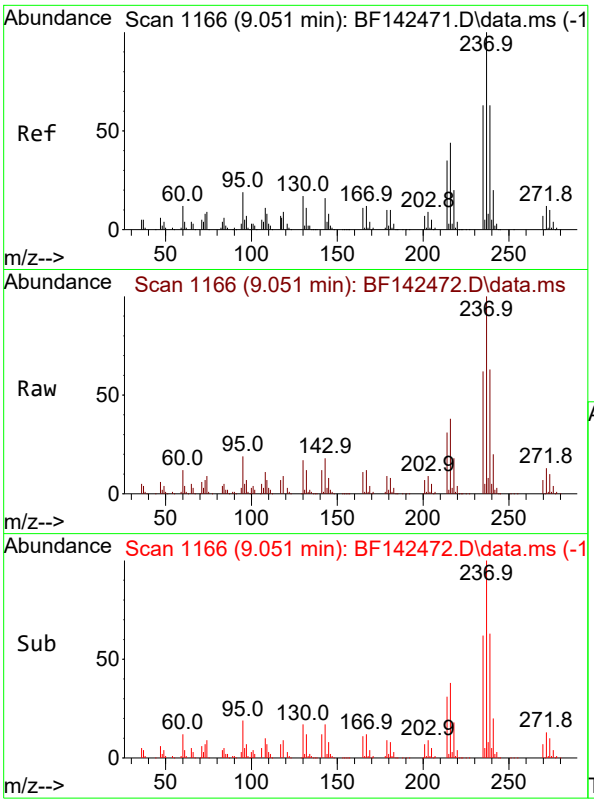


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.543 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:216 Resp: 268407

Ion	Ratio	Lower	Upper
216	100		
214	80.3	62.9	94.3
179	21.3	16.9	25.3
108	18.3	14.6	22.0



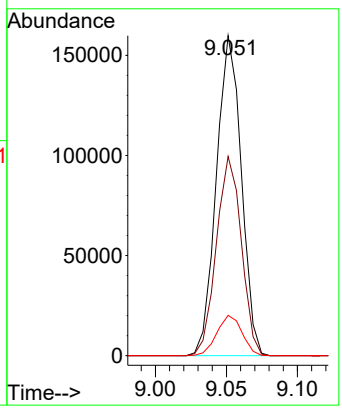


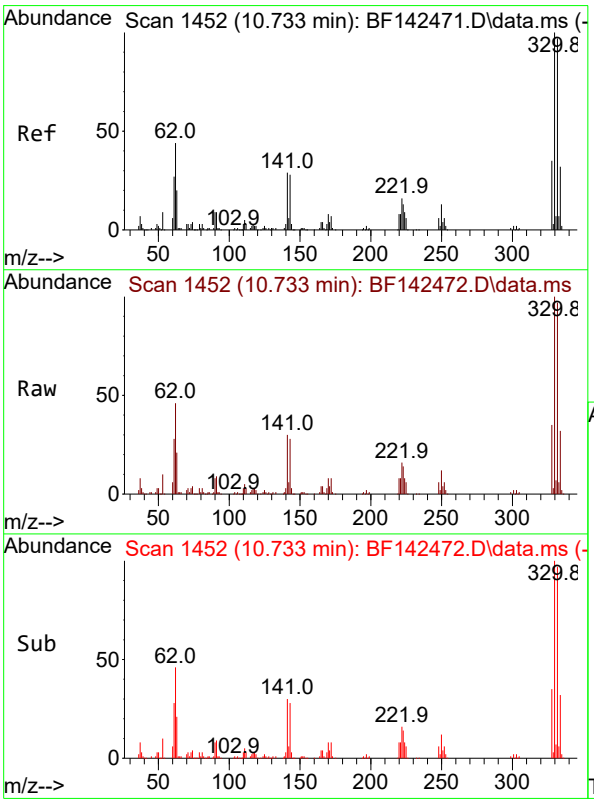
#41
Hexachlorocyclopentadiene
Concen: 55.532 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 195080

Ion	Ratio	Lower	Upper
237	100		
235	62.3	43.3	83.3
272	12.6	0.0	32.4

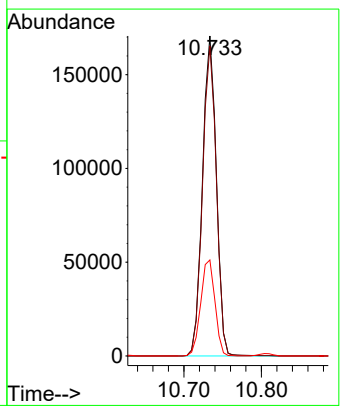


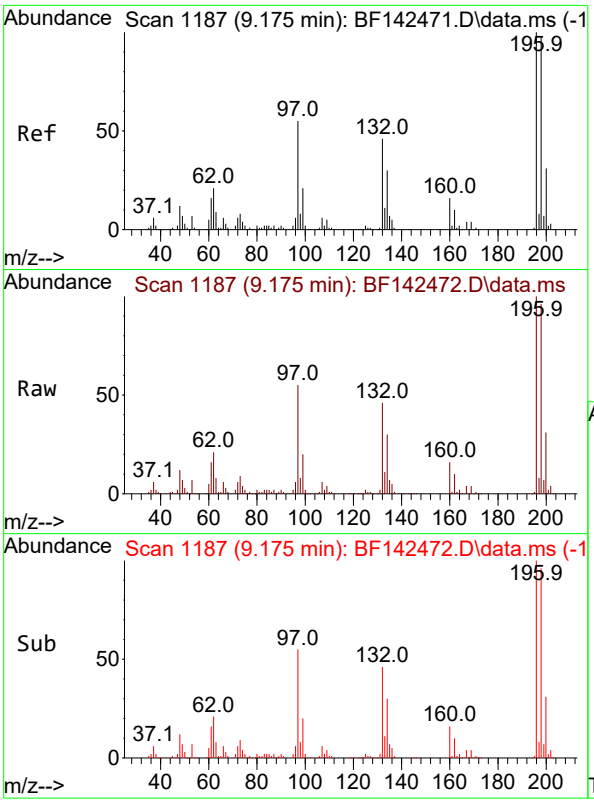


#42
2,4,6-Tribromophenol
Concen: 104.956 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:330 Resp: 211319

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	30.9	24.6	36.8



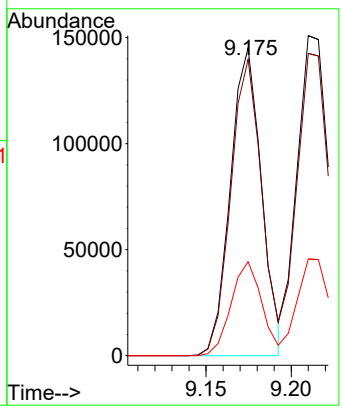


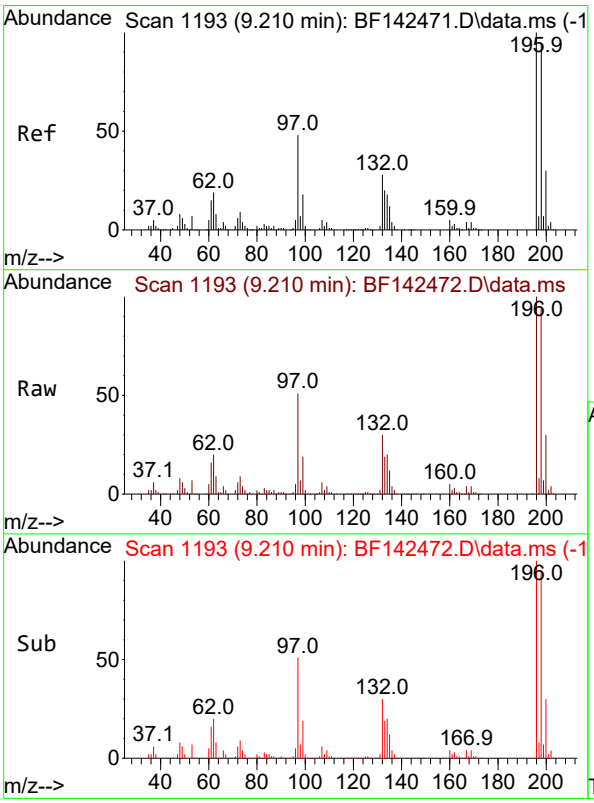
#43
2,4,6-Trichlorophenol
Concen: 52.421 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 184076

Ion	Ratio	Lower	Upper
196	100		
198	96.3	78.8	118.2
200	30.5	24.9	37.3

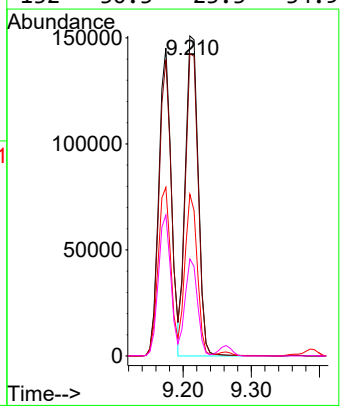


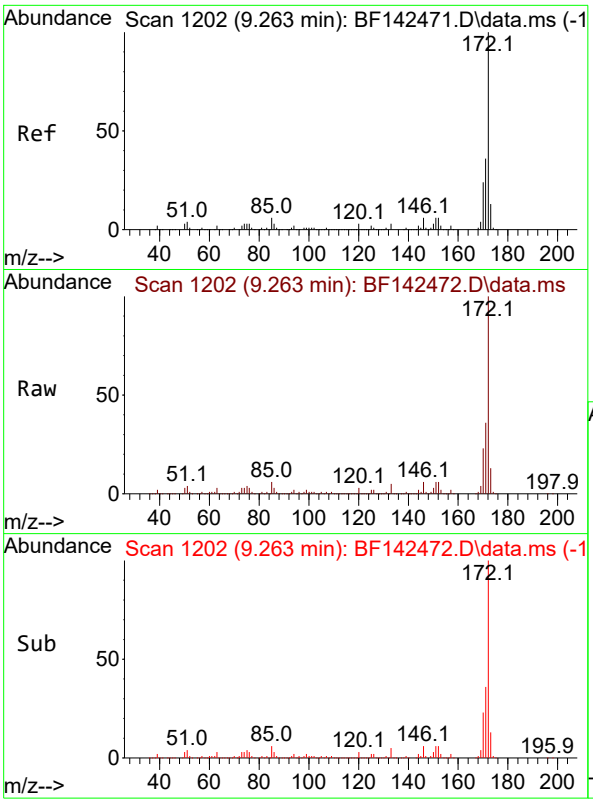


#44
2,4,5-Trichlorophenol
Concen: 53.537 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:196 Resp: 198266

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.5	113.3
97	50.5	39.3	58.9
132	30.3	23.3	34.9



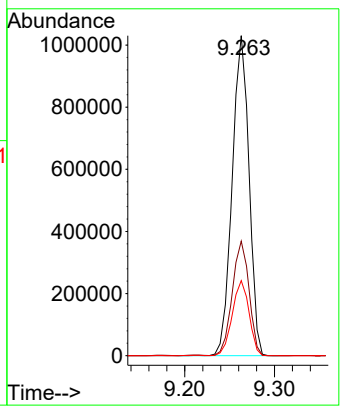


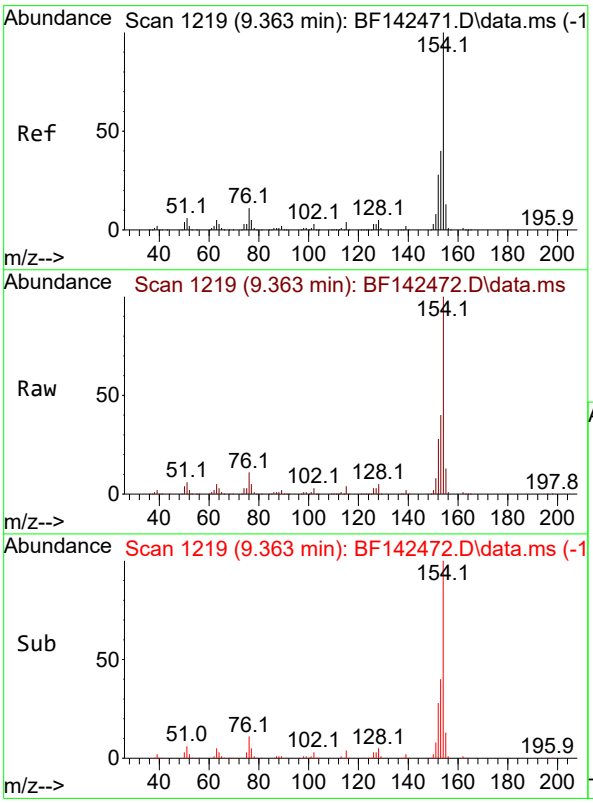
#45
2-Fluorobiphenyl
Concen: 99.269 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1342037

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.4	18.9	28.3

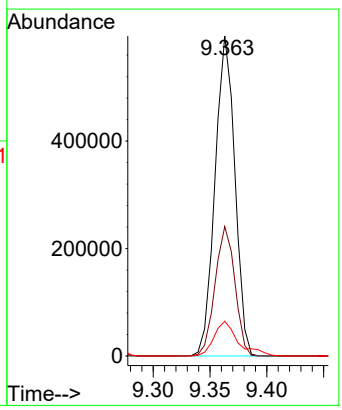


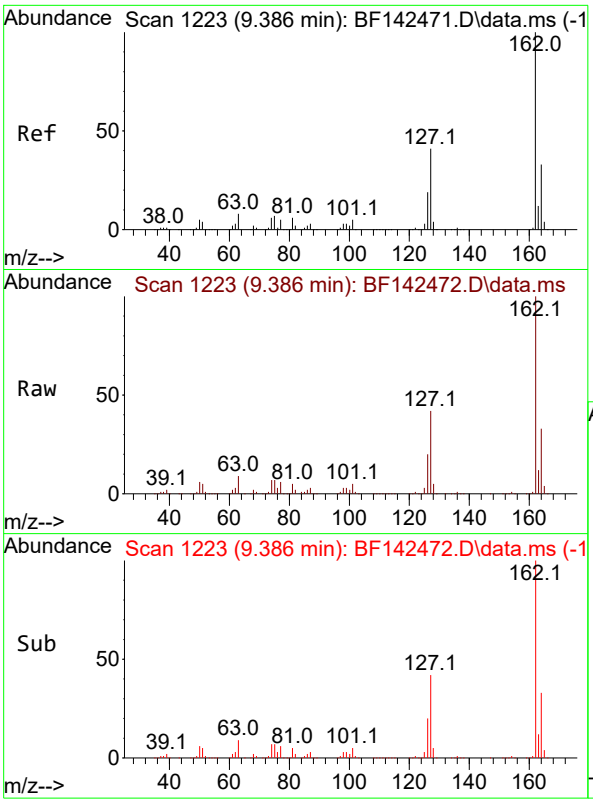


#46
1,1'-Biphenyl
Concen: 51.405 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:154 Resp: 723473

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.8	0.0	30.8



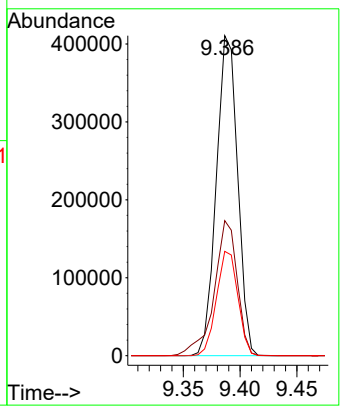


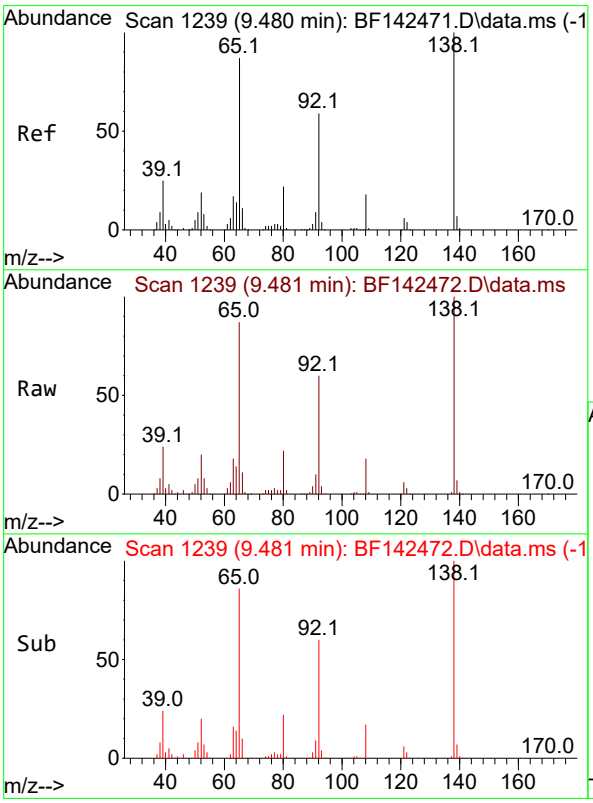
#47
2-Chloronaphthalene
Concen: 51.583 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 536379

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.5	50.3
164	32.6	26.1	39.1

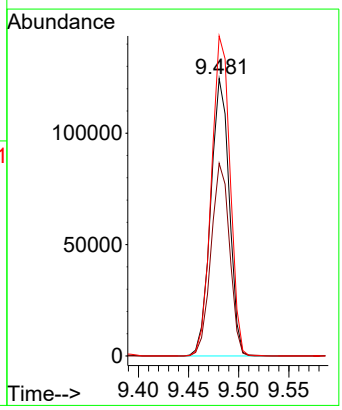


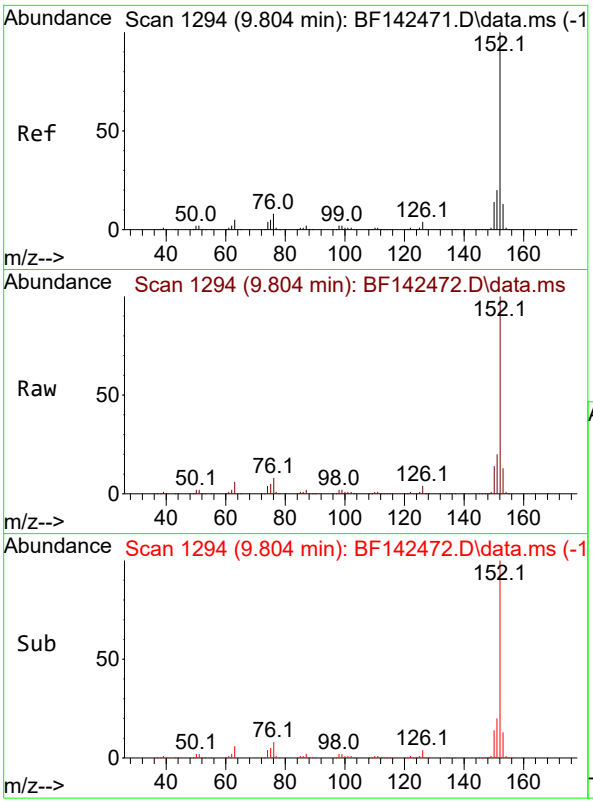


#48
2-Nitroaniline
Concen: 53.410 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion: 65 Resp: 160529

Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.4	81.6
138	115.3	91.4	137.2



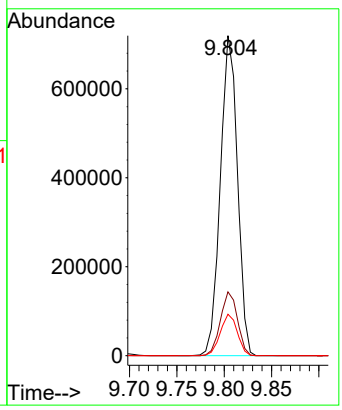


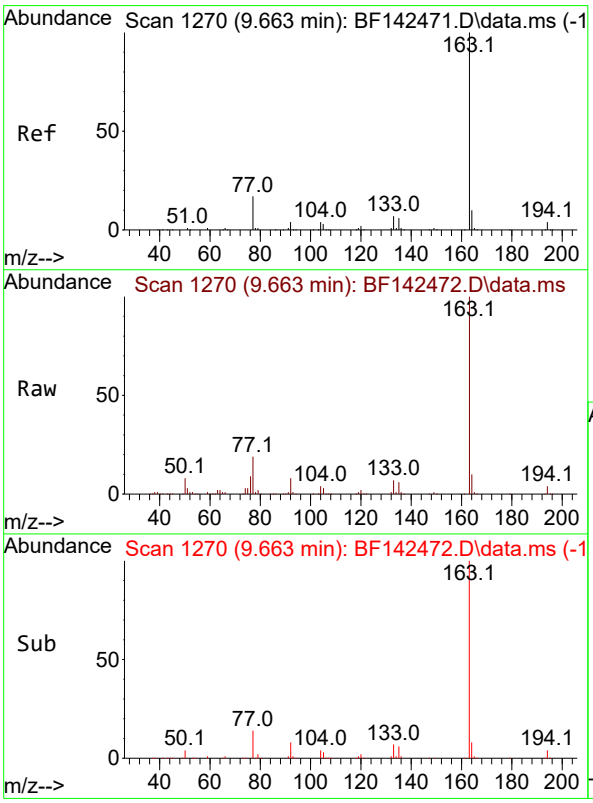
#49
Acenaphthylene
Concen: 51.602 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 906063

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	12.9	10.6	15.8

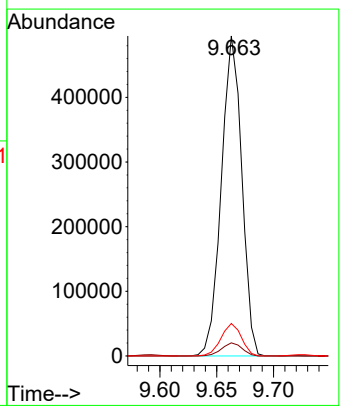


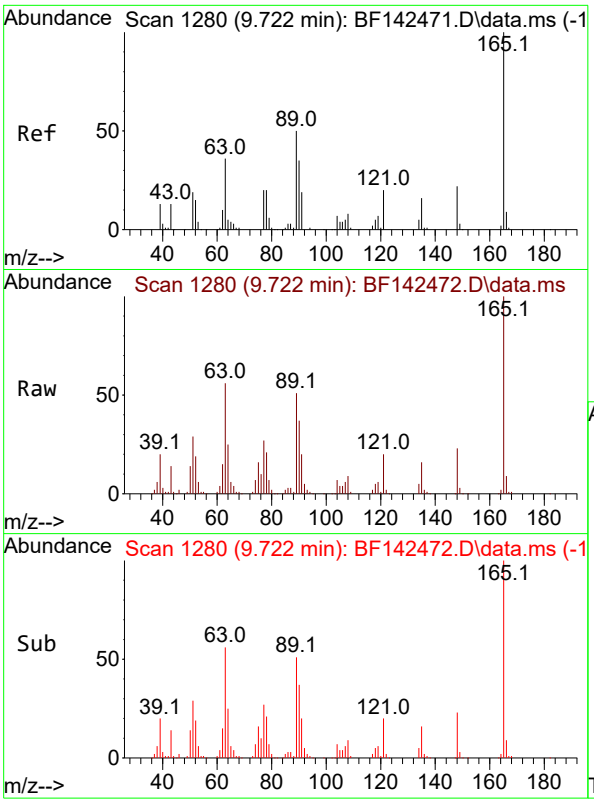


#50
Dimethylphthalate
Concen: 51.764 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:163 Resp: 619616

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	8.2	12.4



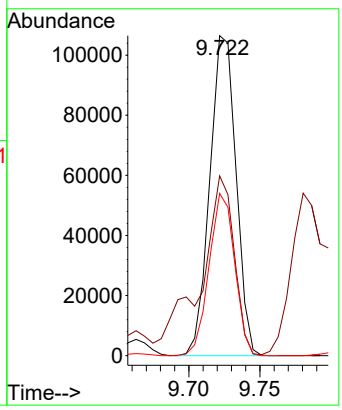


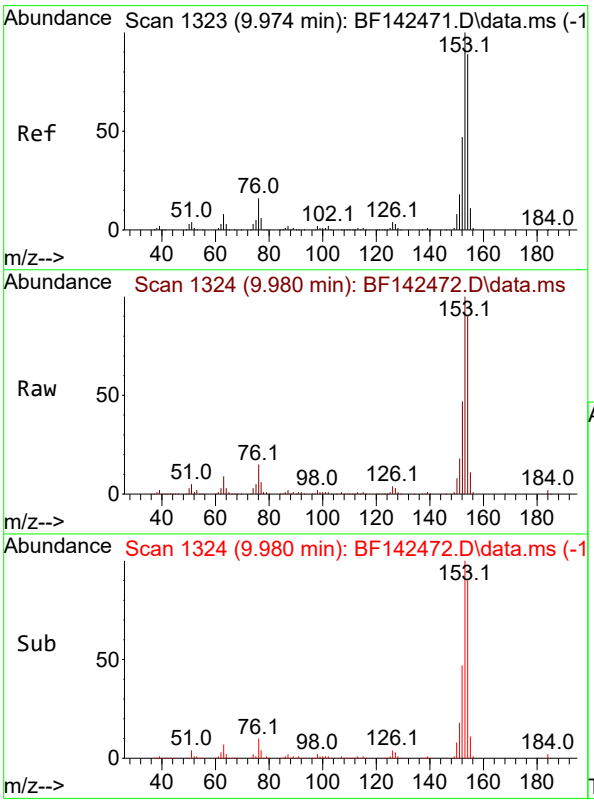
#51
2,6-Dinitrotoluene
Concen: 53.064 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 137090

Ion	Ratio	Lower	Upper
165	100		
63	56.2	42.9	64.3
89	50.7	40.2	60.4

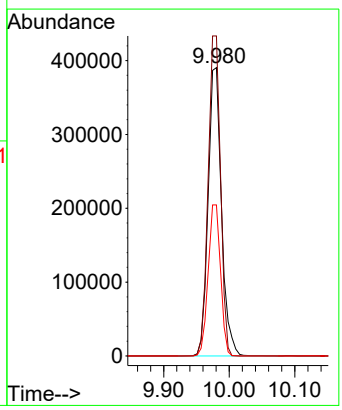


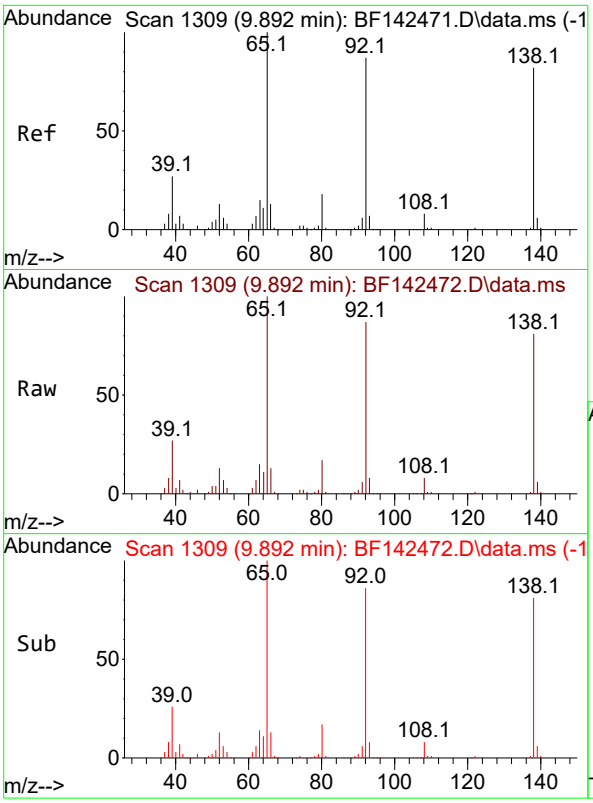


#52
Acenaphthene
Concen: 51.742 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:154 Resp: 554762

Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.0	135.0
152	52.4	42.6	64.0



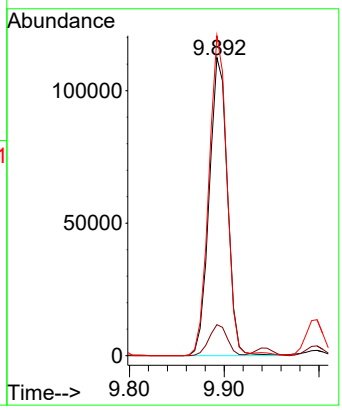


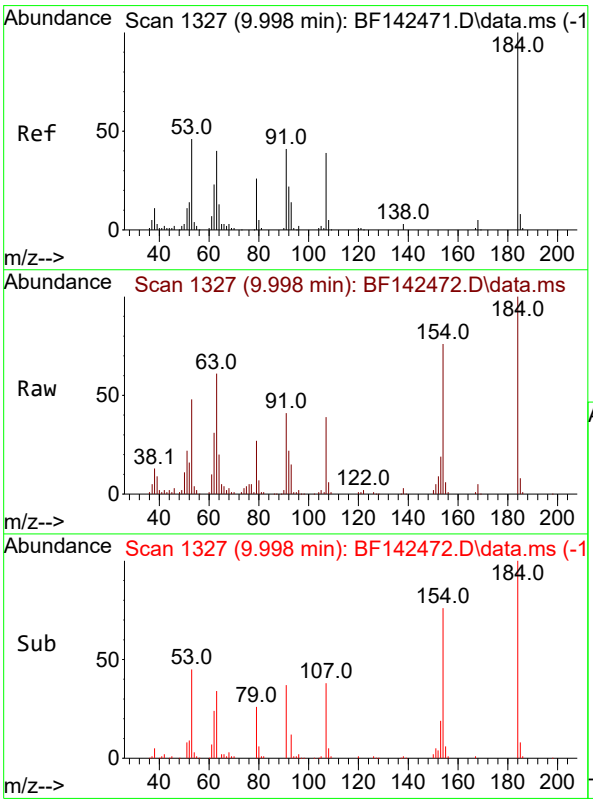
#53
3-Nitroaniline
Concen: 53.082 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 149786

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	107.3	85.2	127.8

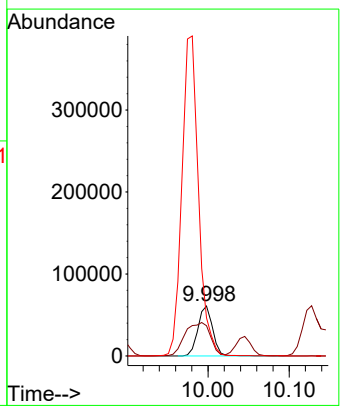


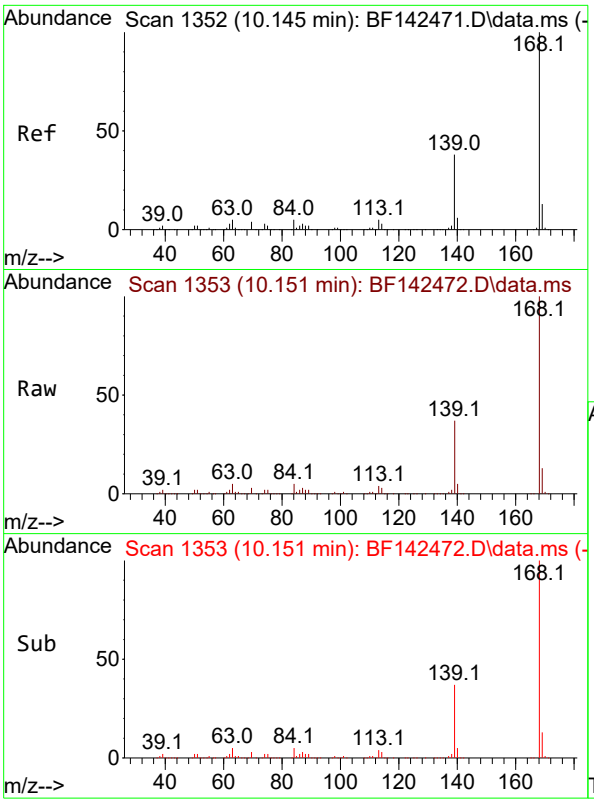


#54
2,4-Dinitrophenol
Concen: 57.487 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:184 Resp: 76730

Ion	Ratio	Lower	Upper
184	100		
63	60.6	46.3	69.5
154	76.3	56.8	85.2



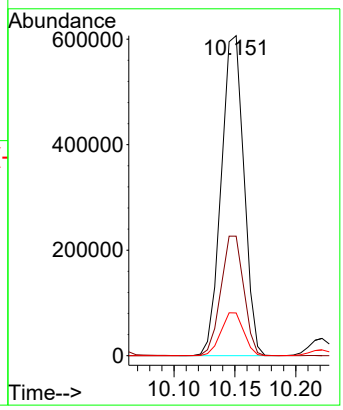


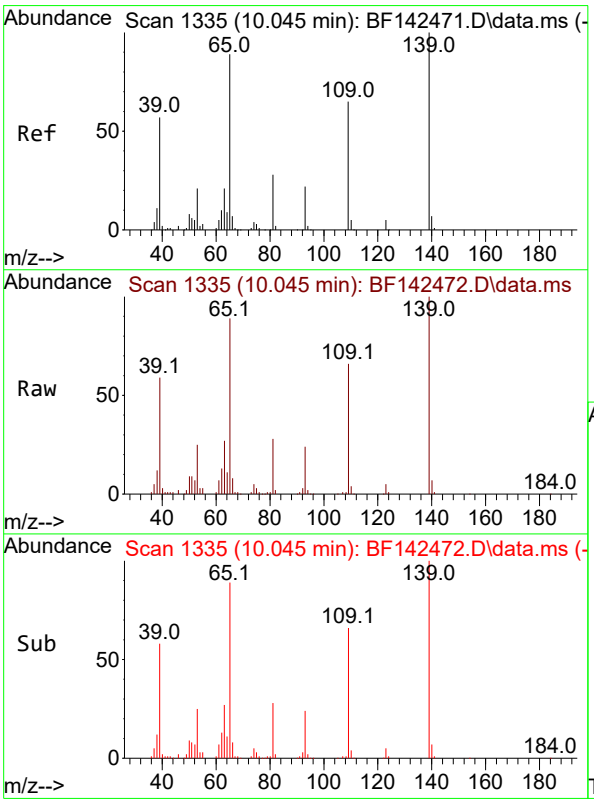
#55
Dibenzofuran
Concen: 51.038 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 787446

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.2	45.2
169	13.3	10.7	16.1

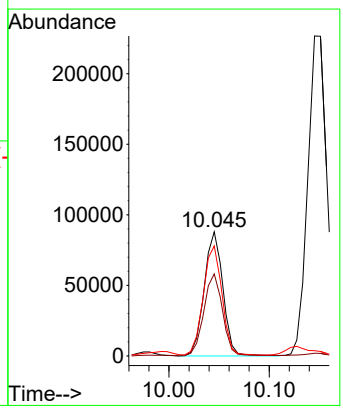


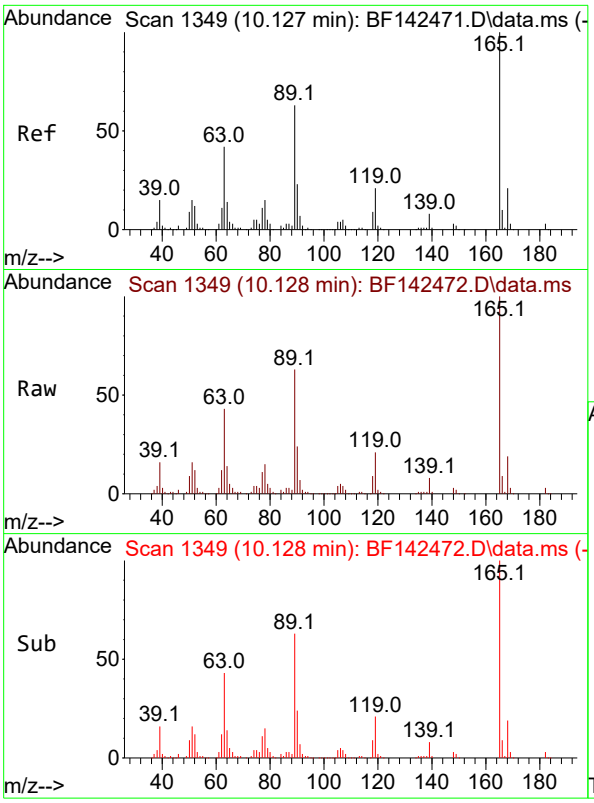


#56
4-Nitrophenol
Concen: 54.849 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:139 Resp: 114198

Ion	Ratio	Lower	Upper
139	100		
109	66.1	45.1	85.1
65	88.7	69.7	109.7



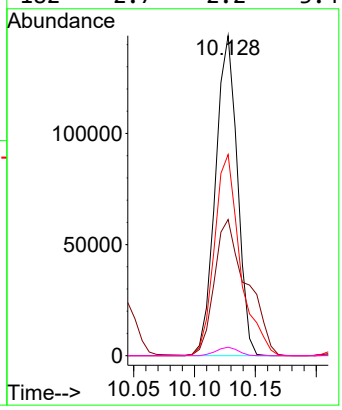


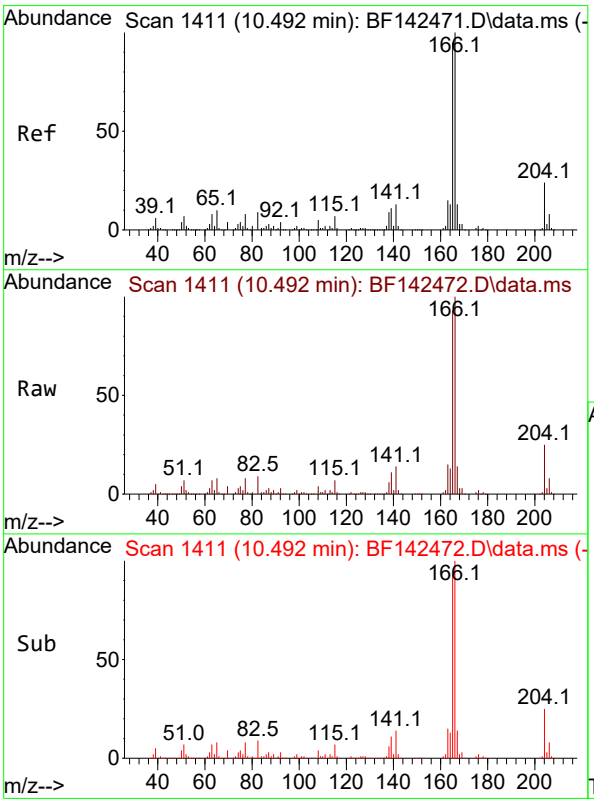
#57
2,4-Dinitrotoluene
Concen: 53.473 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 180417

Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.6	50.4
89	62.8	50.2	75.4
182	2.7	2.2	3.4

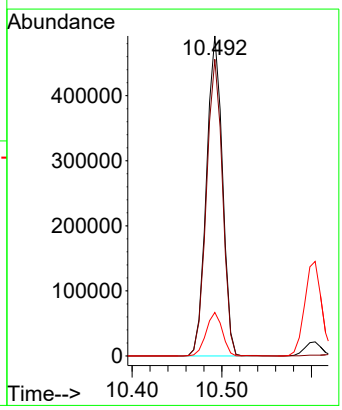


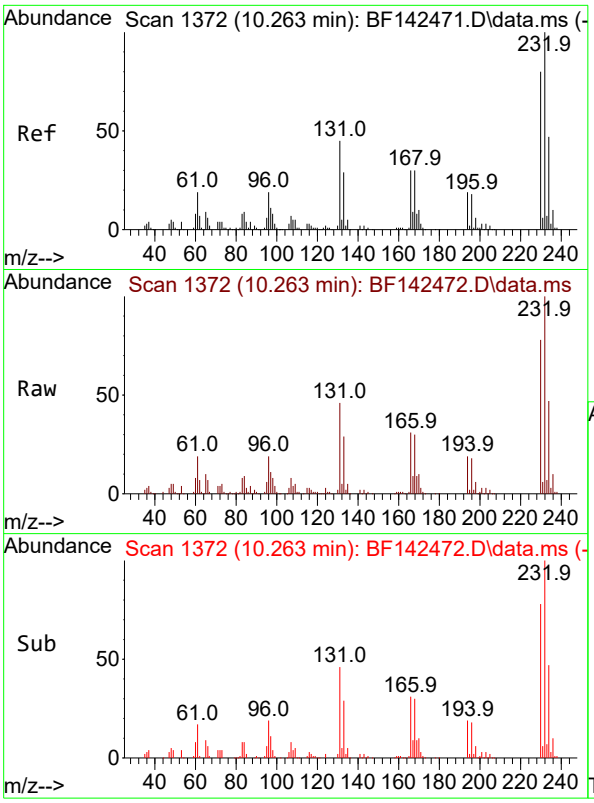


#58
Fluorene
Concen: 51.090 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:166 Resp: 608966

Ion	Ratio	Lower	Upper
166	100		
165	92.7	75.8	113.8
167	13.6	10.6	16.0



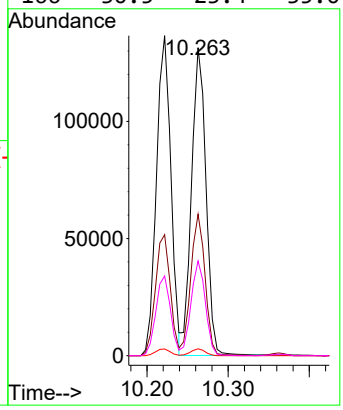


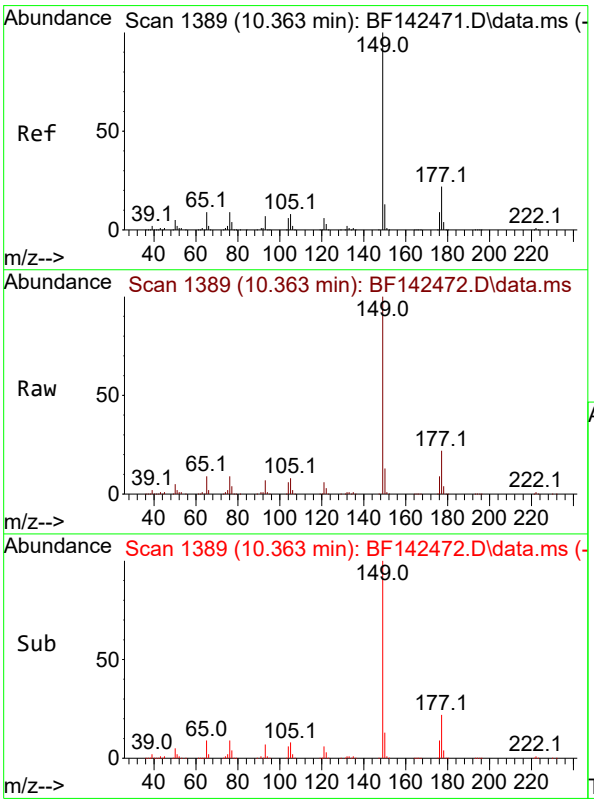
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.897 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 163539

Ion	Ratio	Lower	Upper
232	100		
131	45.5	35.2	52.8
130	2.2	1.7	2.5
166	30.5	23.4	35.0

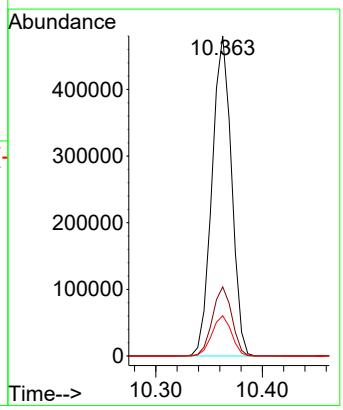


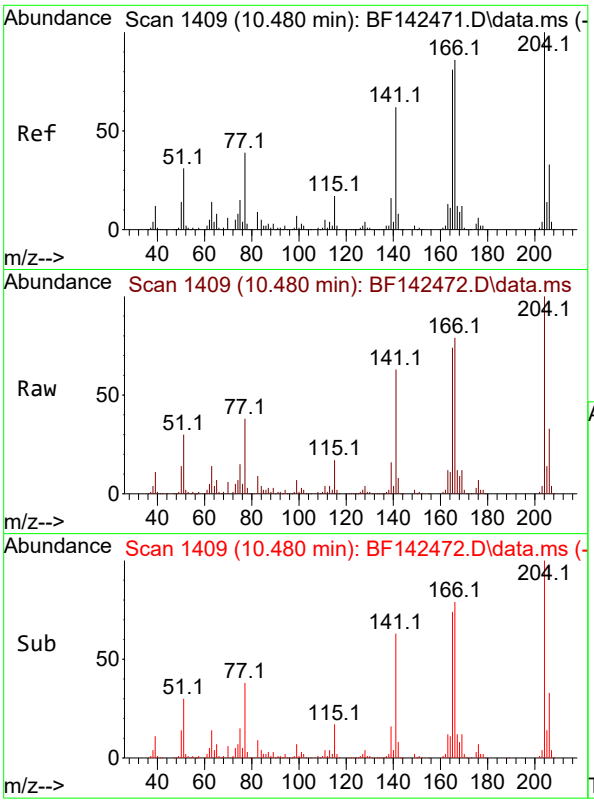


#60
Diethylphthalate
Concen: 52.089 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 608941

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.5	10.1	15.1



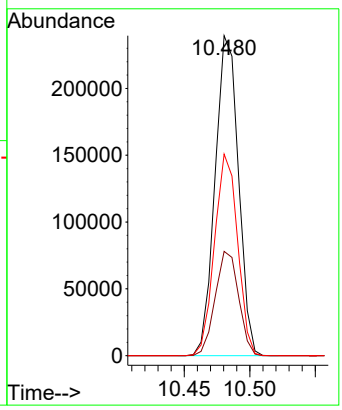


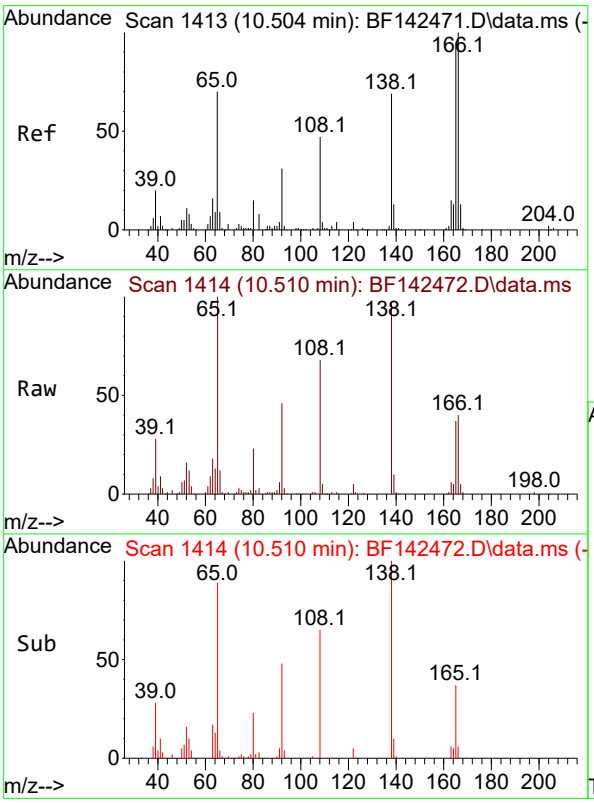
#61
4-Chlorophenyl-phenylether
Concen: 50.597 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 296264

Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	63.0	49.5	74.3

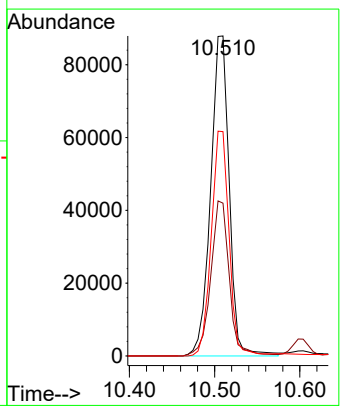


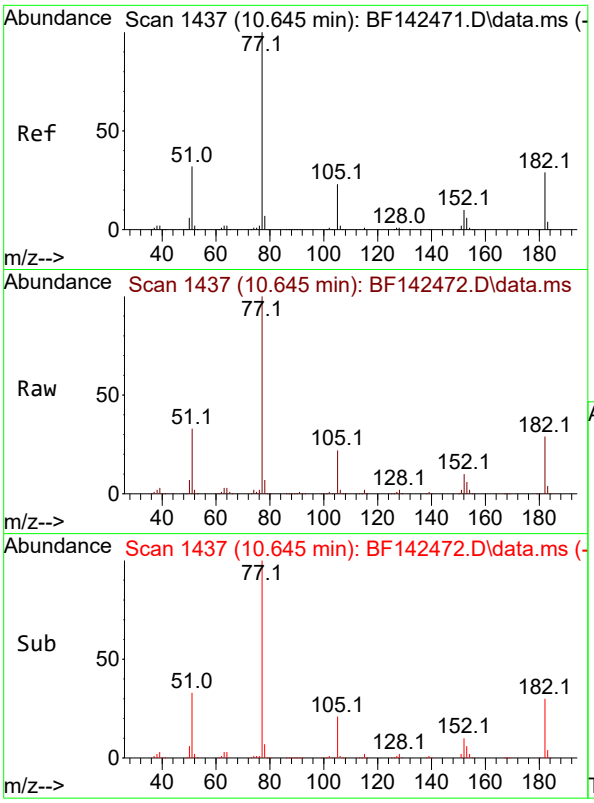


#62
4-Nitroaniline
Concen: 52.024 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:138 Resp: 133141

Ion	Ratio	Lower	Upper
138	100		
92	47.7	26.0	66.0
108	70.1	48.4	88.4



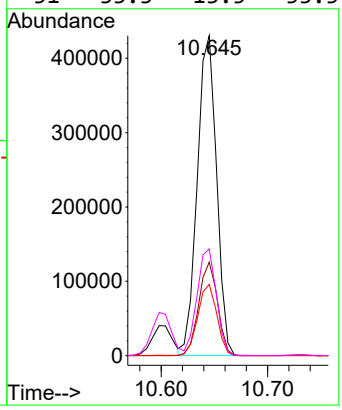


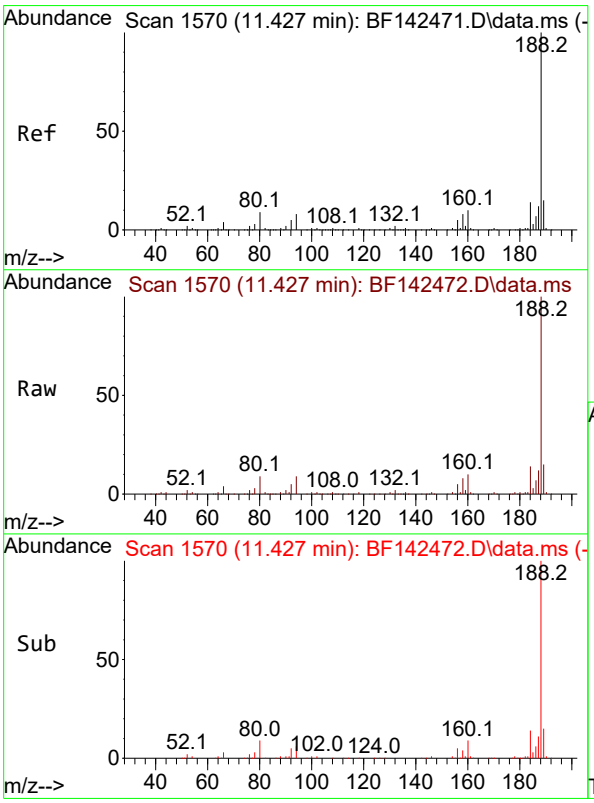
#63
Azobenzene
Concen: 51.703 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 542894

Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.0	49.0
105	22.3	2.4	42.4
51	33.3	13.5	53.5

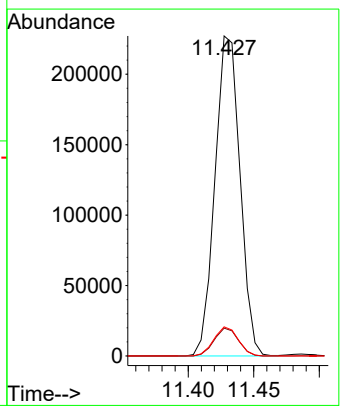


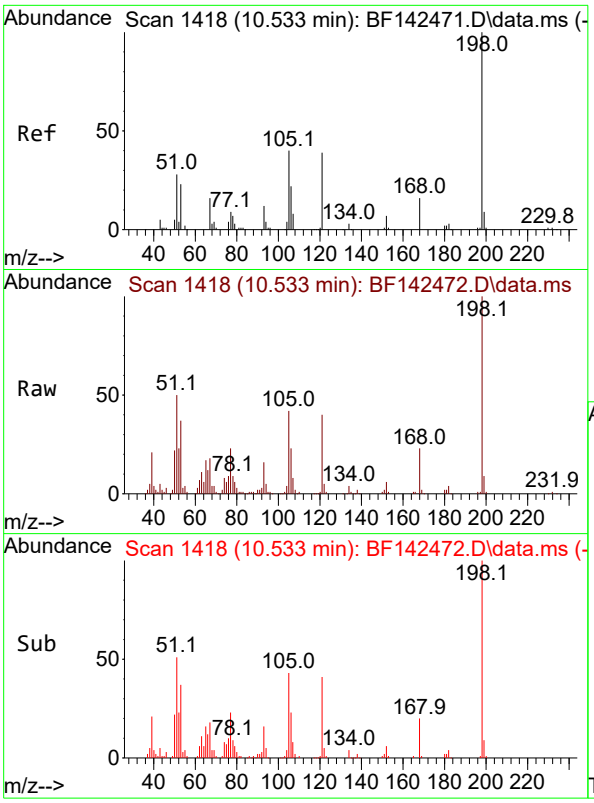


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:188 Resp: 301685

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.4	11.0



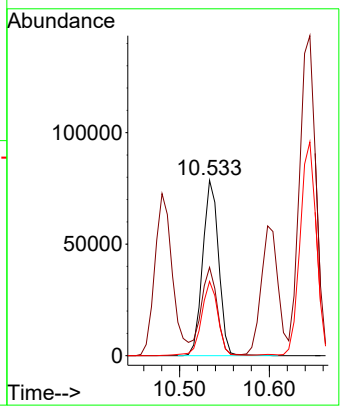


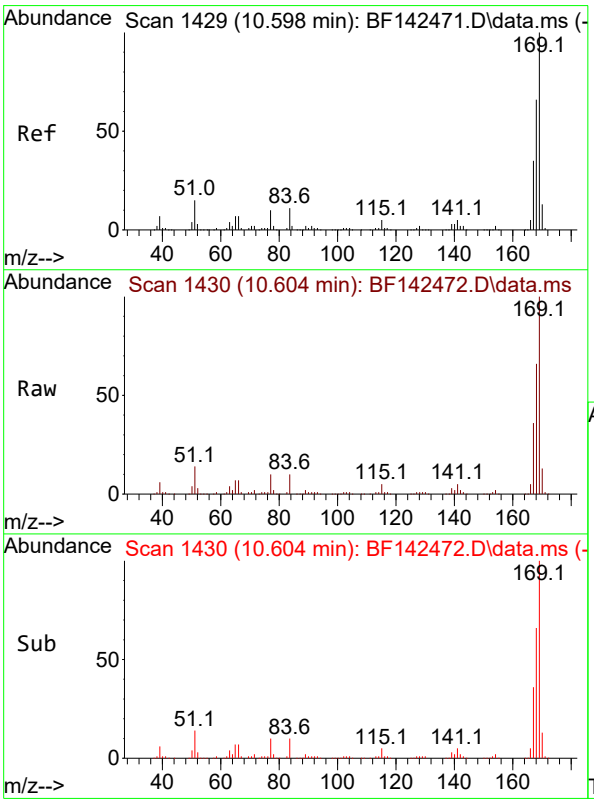
#65
4,6-Dinitro-2-methylphenol
Concen: 57.734 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 97203

Ion	Ratio	Lower	Upper
198	100		
51	50.4	28.3	68.3
105	42.4	21.3	61.3

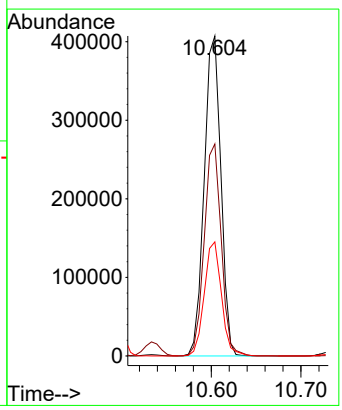


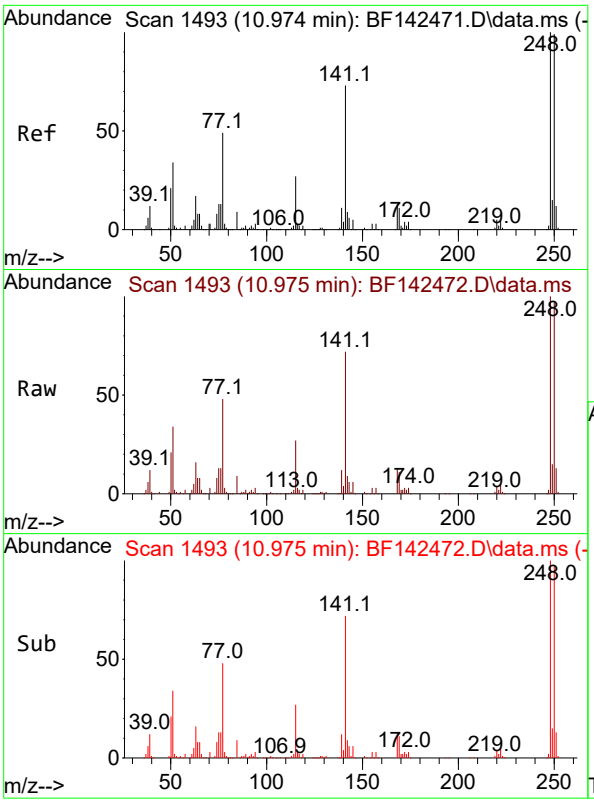


#66
n-Nitrosodiphenylamine
Concen: 50.960 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:169 Resp: 525974

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.7	28.3	42.5



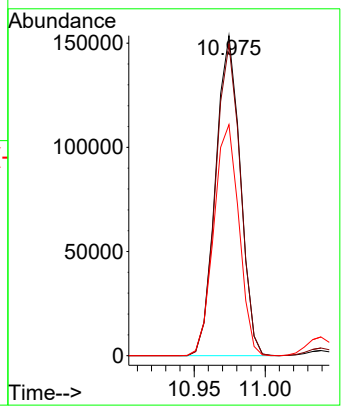


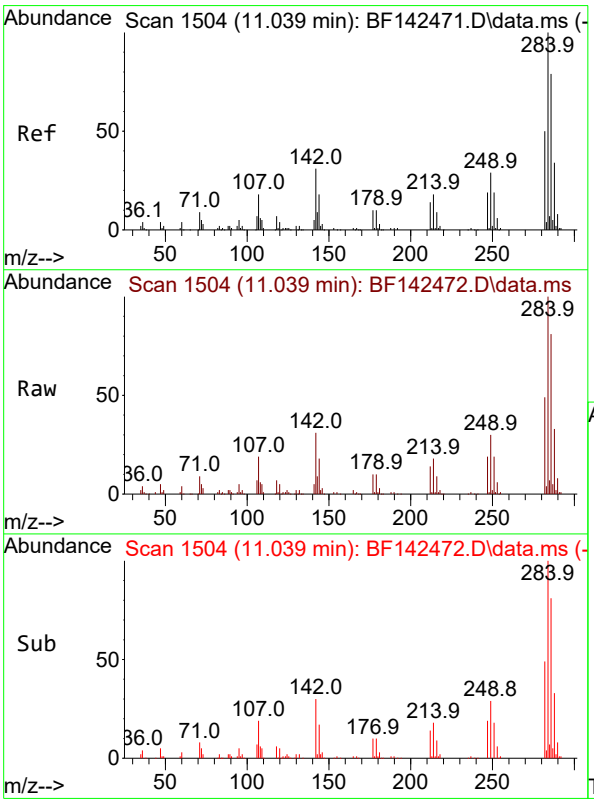
#67
4-Bromophenyl-phenylether
Concen: 52.061 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 185711

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.4
141	72.2	58.4	87.6

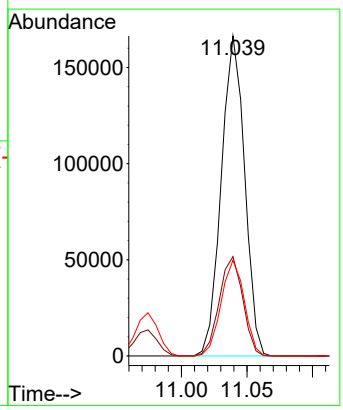


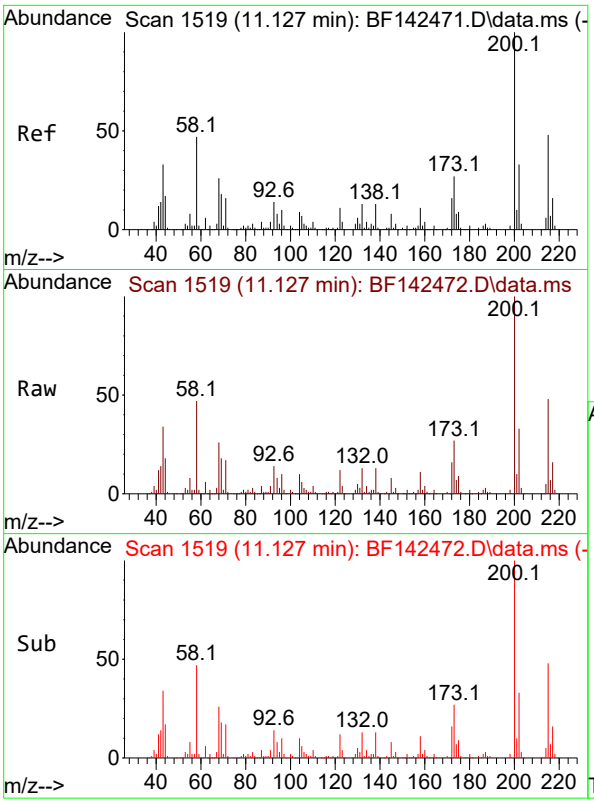


#68
Hexachlorobenzene
Concen: 52.151 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:284 Resp: 205759

Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.8	37.2
249	29.9	23.6	35.4



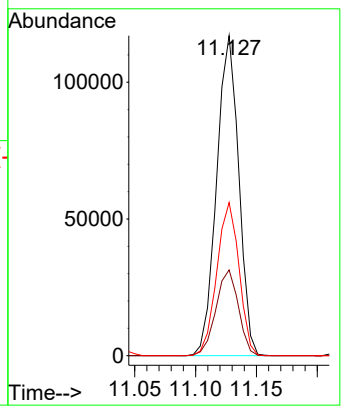


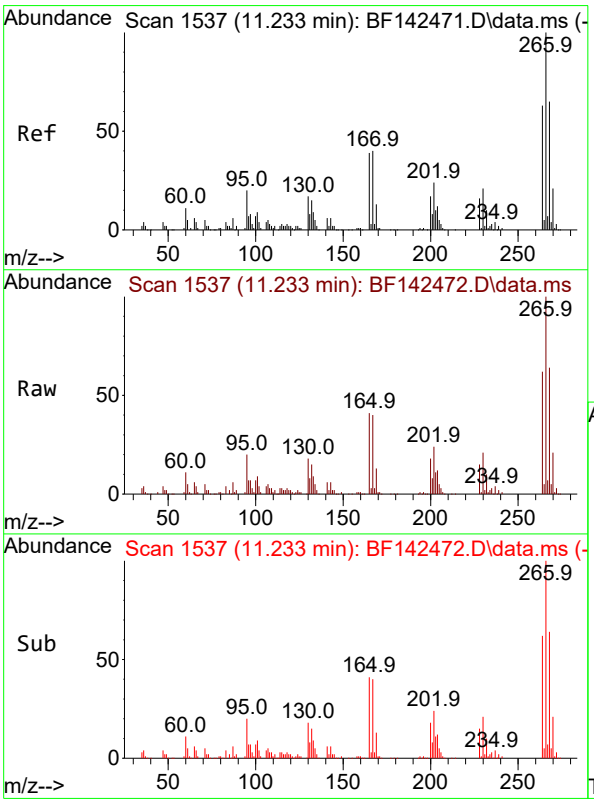
#69
Atrazine
Concen: 53.966 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 147922

Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.4	47.4
215	47.9	28.5	68.5

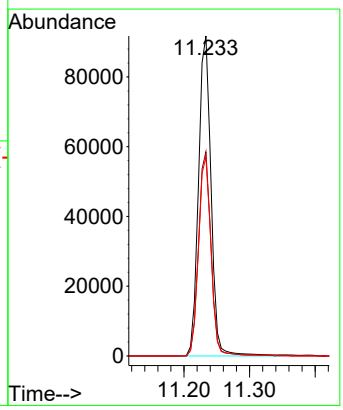


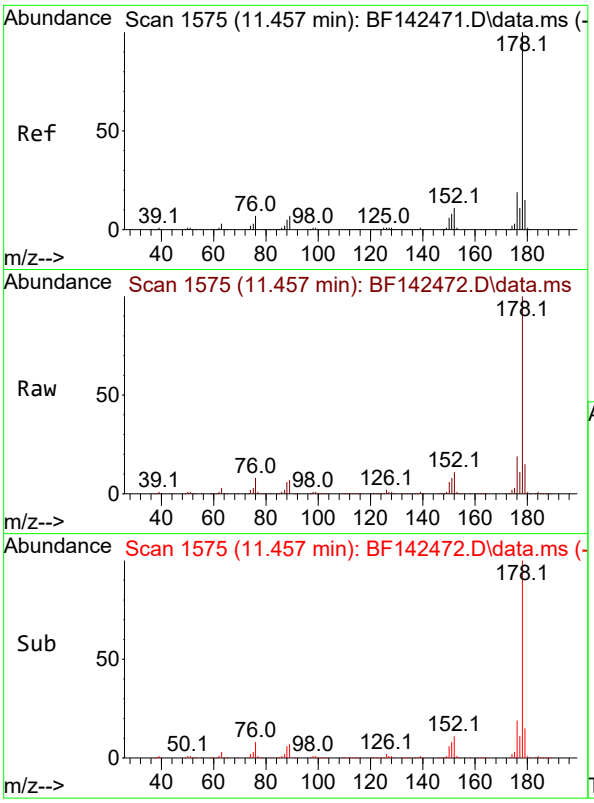


#70
Pentachlorophenol
Concen: 54.852 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:266 Resp: 122184

Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.7	77.5
264	62.2	50.4	75.6



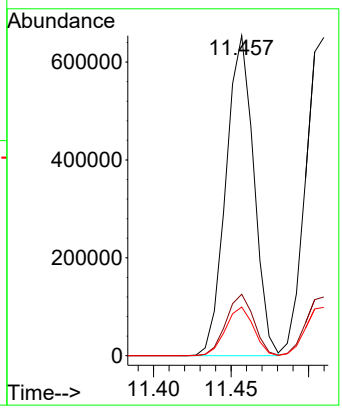


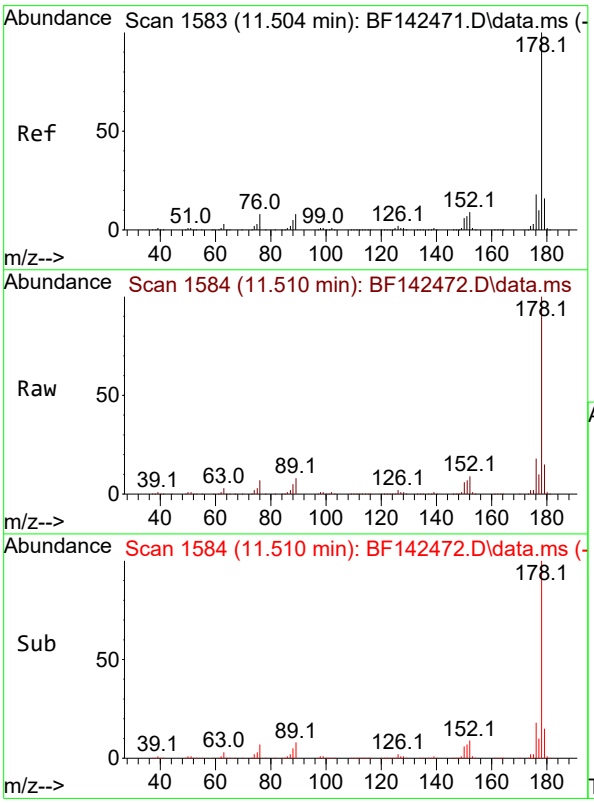
#71
Phenanthrene
Concen: 50.739 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 818043

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.2	12.3	18.5

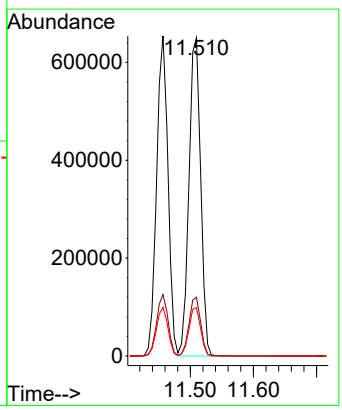


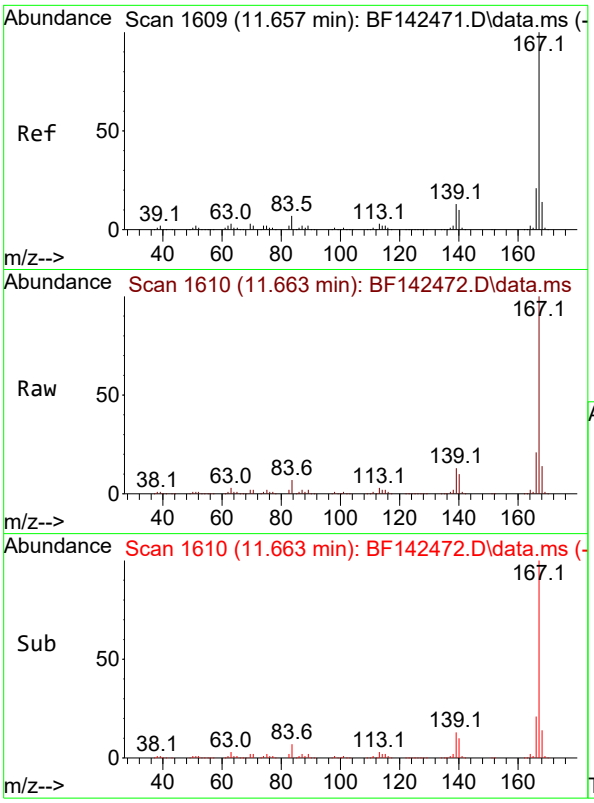


#72
Anthracene
Concen: 50.882 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:178 Resp: 837242

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.2	12.4	18.6



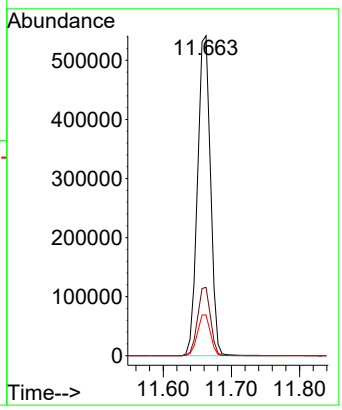


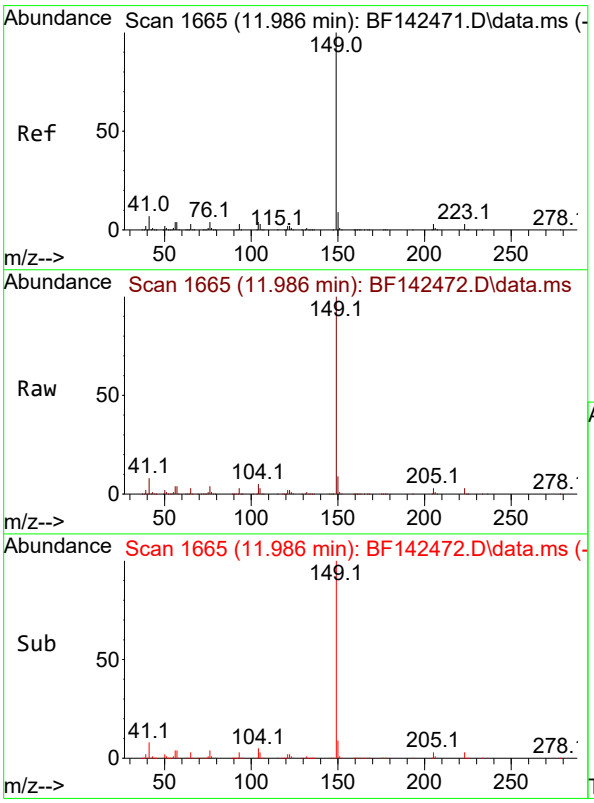
#73
Carbazole
Concen: 50.927 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 716381

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.7	10.2	15.4

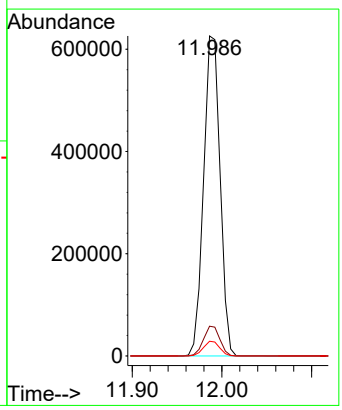


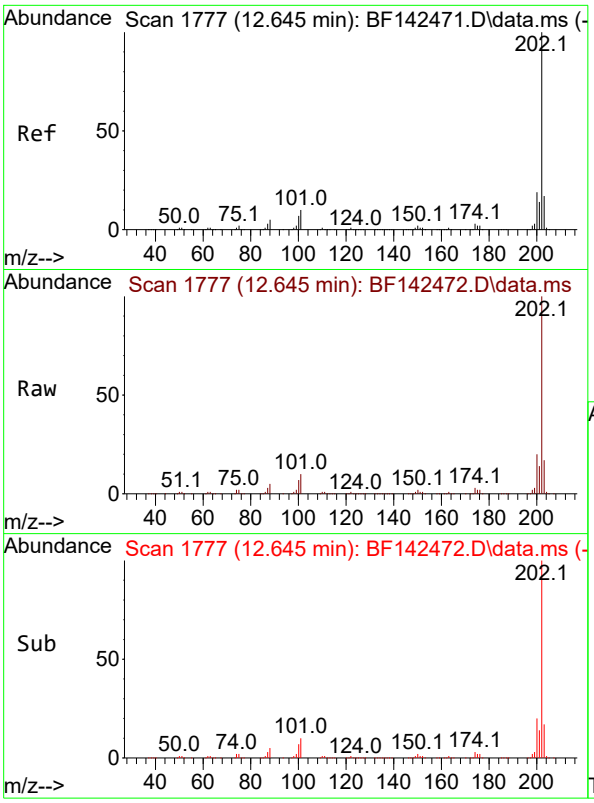


#74
Di-n-butylphthalate
Concen: 51.856 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 798451

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.6	3.6	5.4



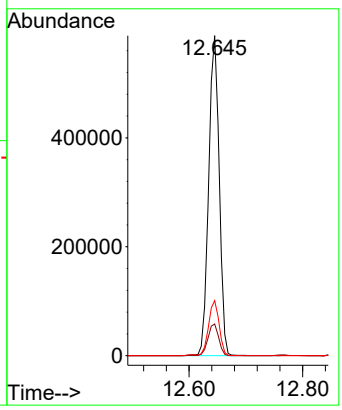


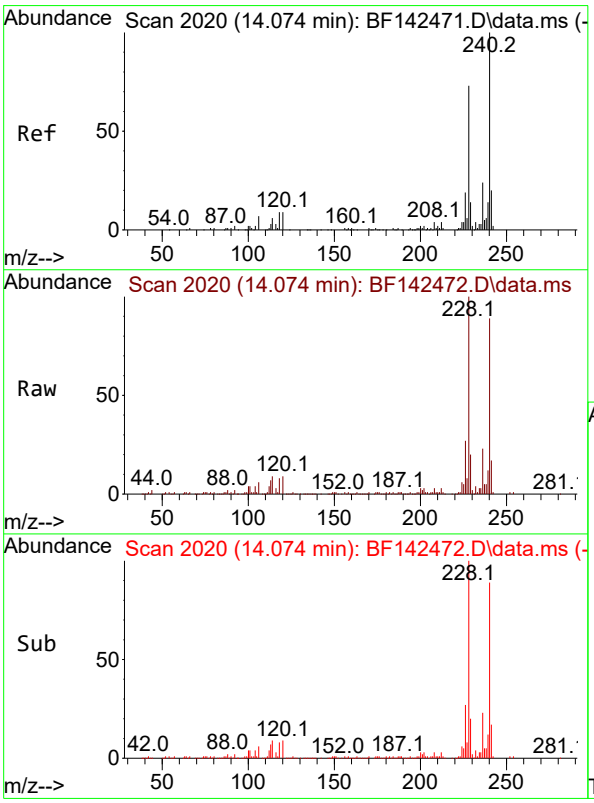
#75
Fluoranthene
Concen: 49.923 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 752083

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
203	17.2	0.0	37.2

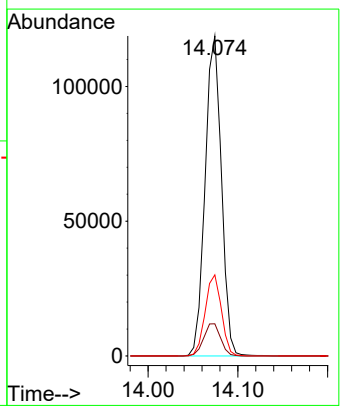


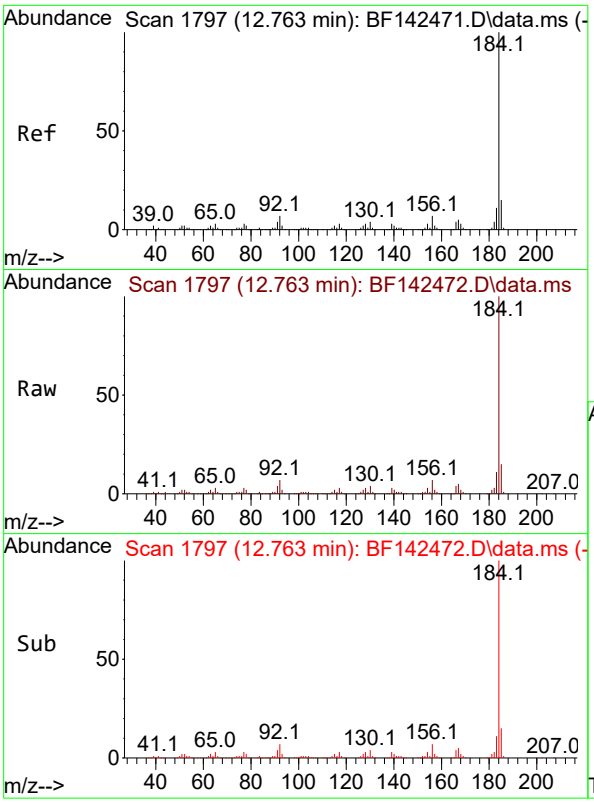


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:240 Resp: 149689

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.4	19.6	29.4



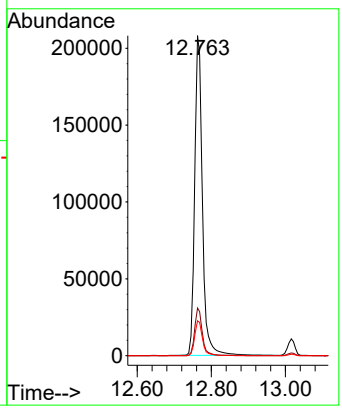


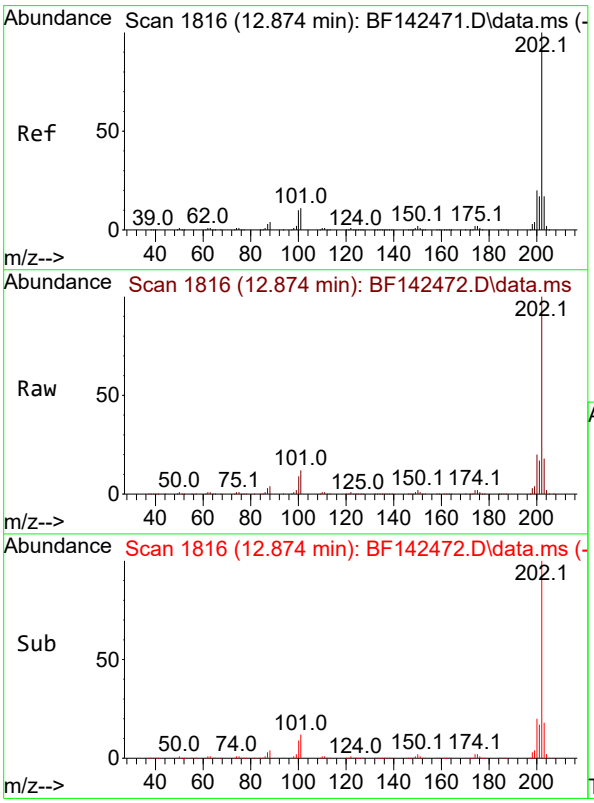
#77
Benzidine
Concen: 54.058 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 301122

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	10.9	9.0	13.4

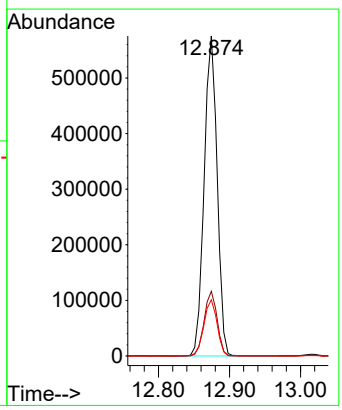


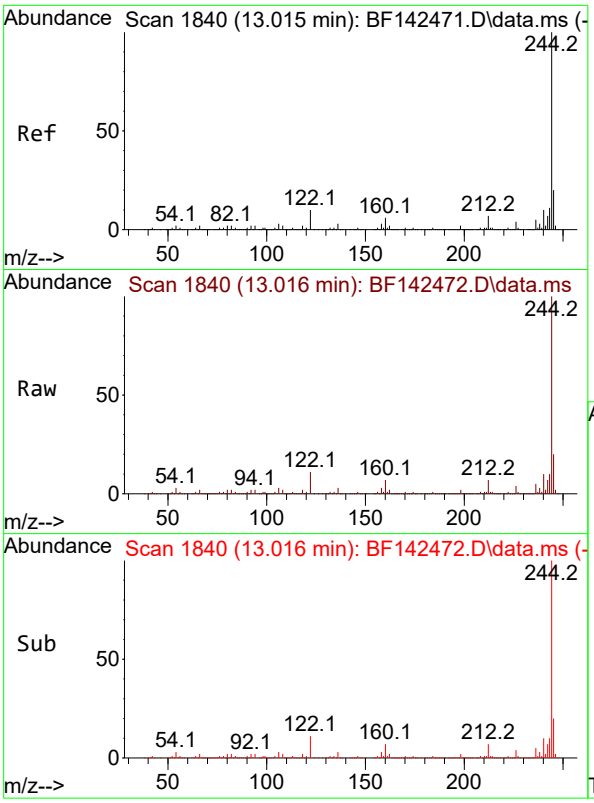


#78
Pyrene
Concen: 52.513 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:202 Resp: 733277

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.5	13.9	20.9



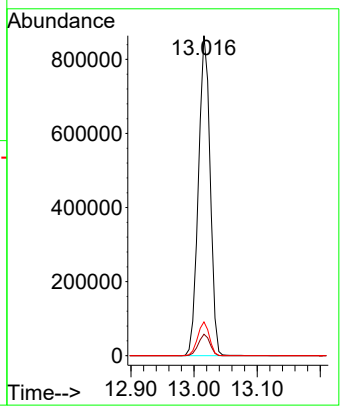


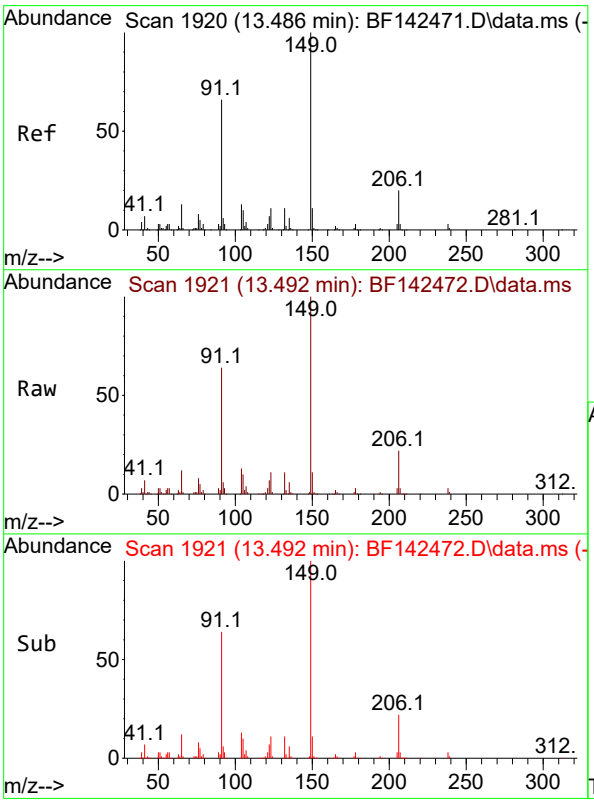
#79
Terphenyl-d14
Concen: 101.951 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1116751

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.5	8.2	12.2

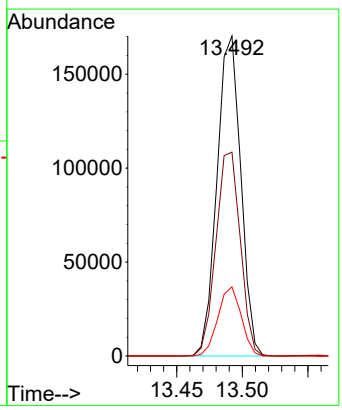


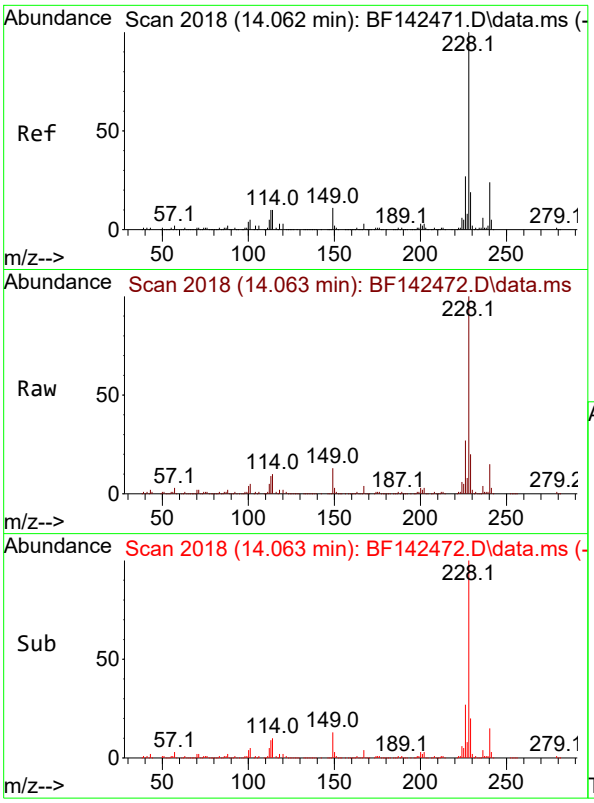


#80
Butylbenzylphthalate
Concen: 55.767 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 215174

Ion	Ratio	Lower	Upper
149	100		
91	63.7	52.9	79.3
206	21.6	16.2	24.2



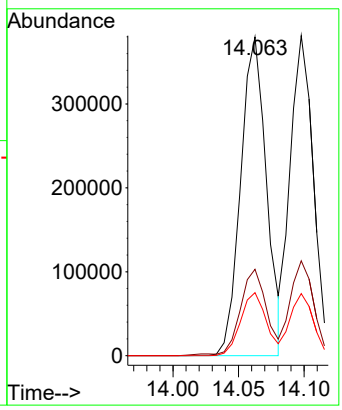


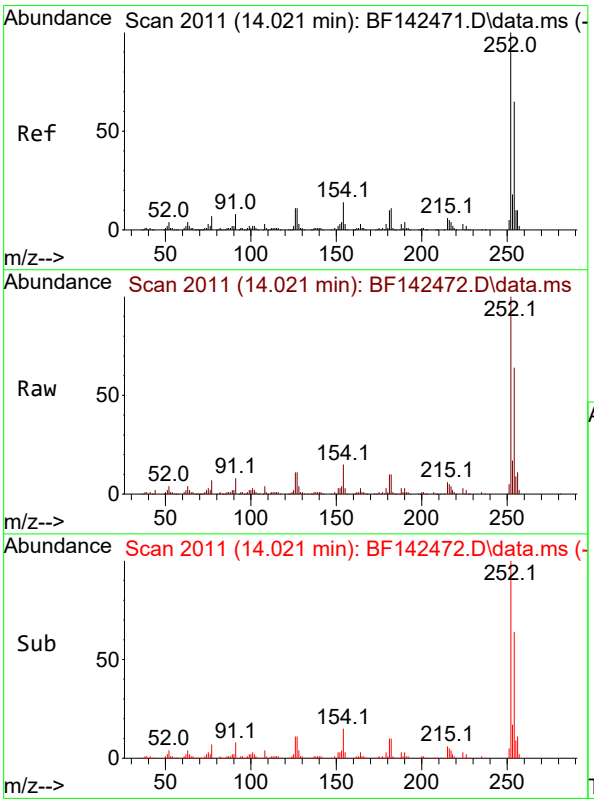
#81
Benzo(a)anthracene
Concen: 52.076 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 520525

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	19.8	15.5	23.3

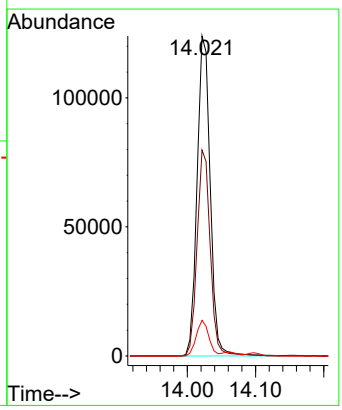


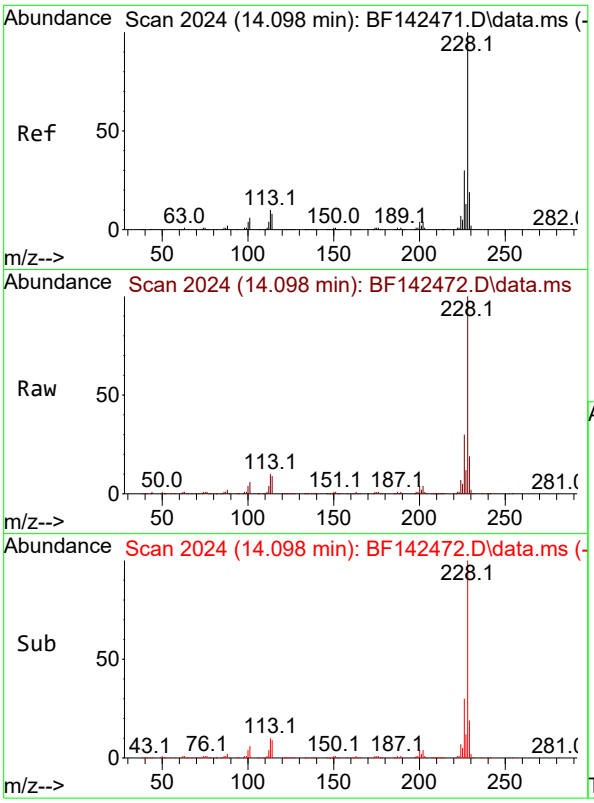


#82
3,3'-Dichlorobenzidine
Concen: 54.828 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 166223

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	11.2	8.9	13.3



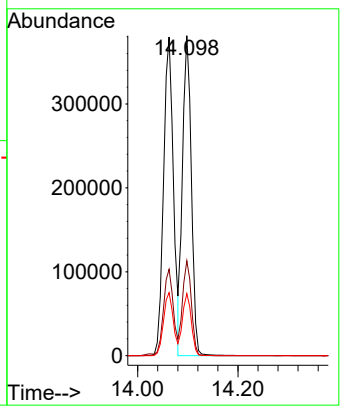


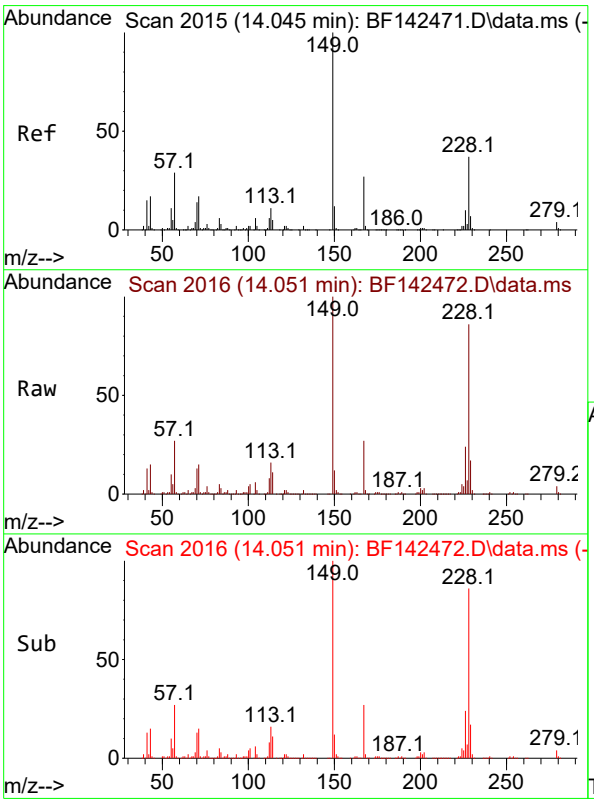
#83
Chrysene
Concen: 52.273 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 469491

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.4	15.4	23.2

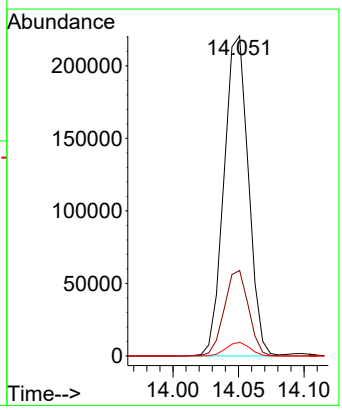


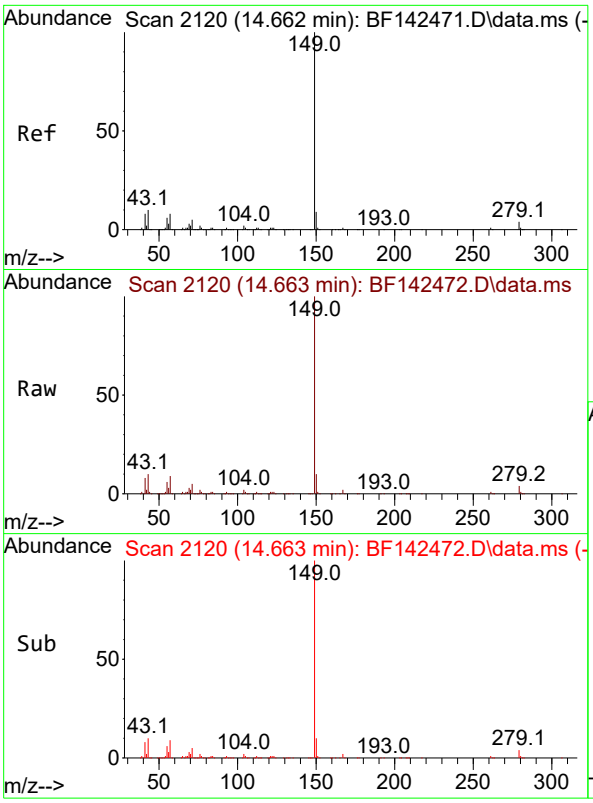


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.932 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:149 Resp: 286151

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.5	32.3
279	4.3	3.2	4.8



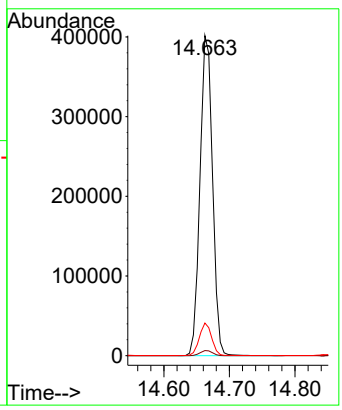


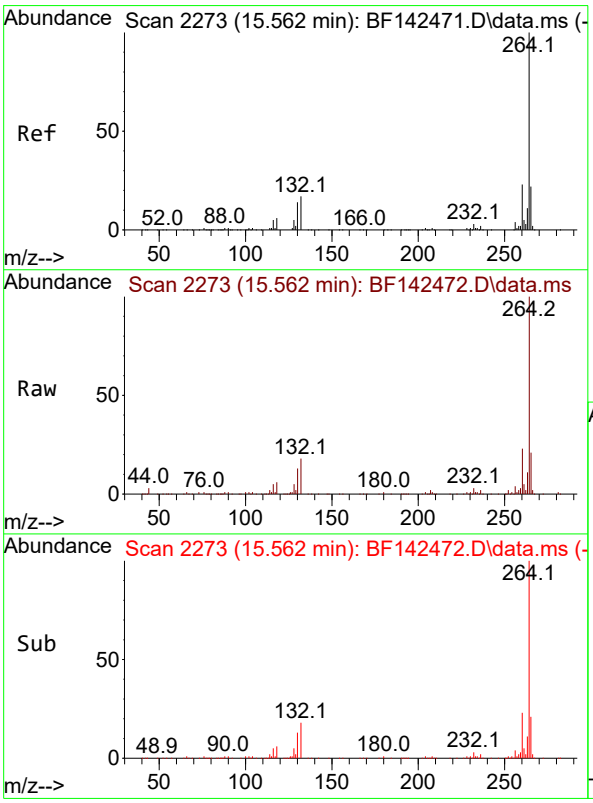
#85
Di-n-octyl phthalate
Concen: 55.482 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 535844

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	7.9	11.9

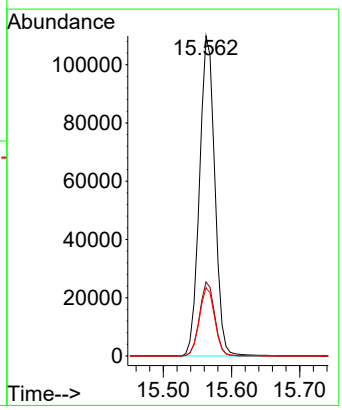


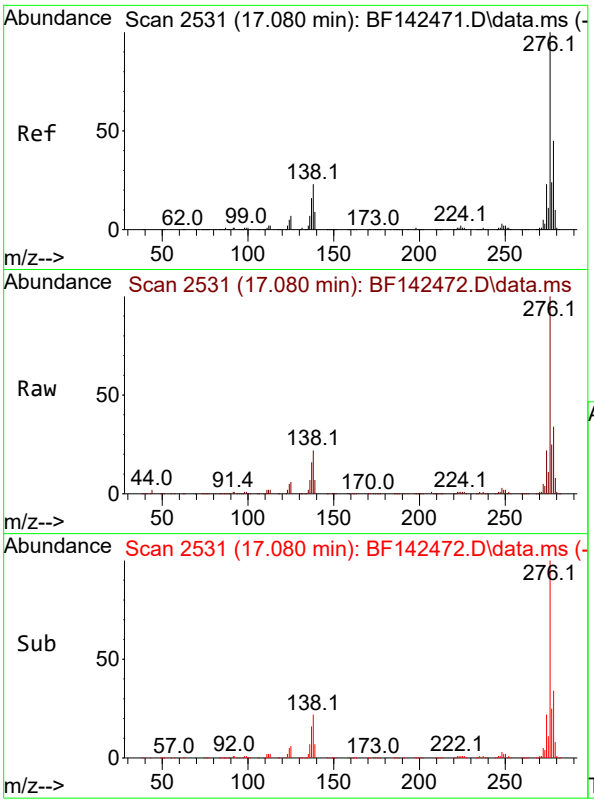


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:264 Resp: 171586

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.3	17.7	26.5



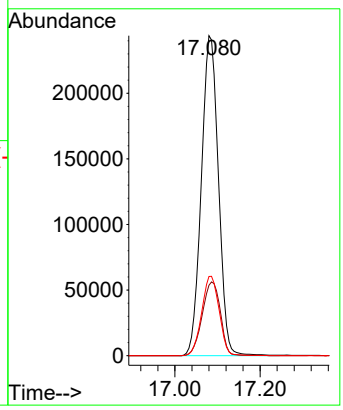


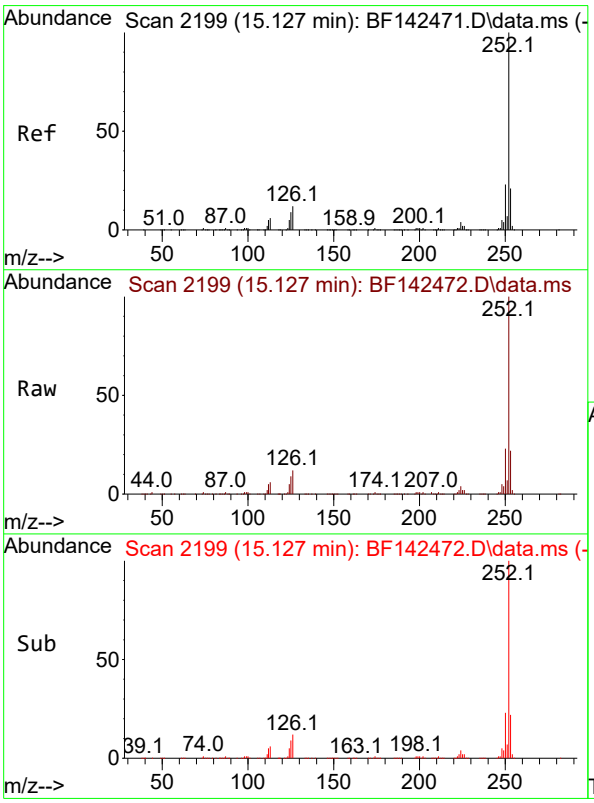
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.730 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 679247

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.9	29.9
277	25.3	20.2	30.2

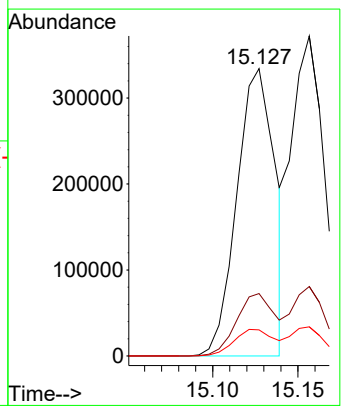


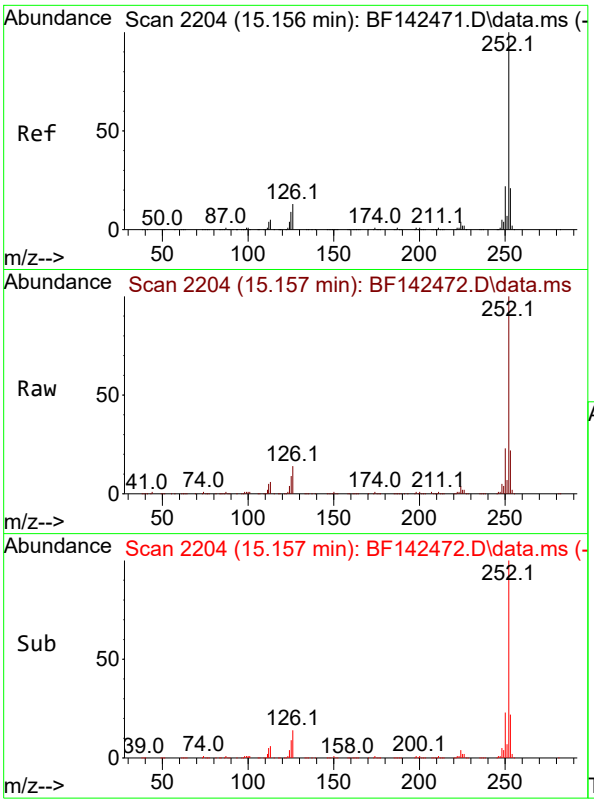


#88
Benzo(b)fluoranthene
Concen: 51.062 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 518544

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.1	7.4	11.0



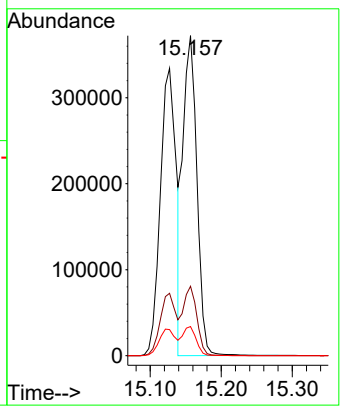


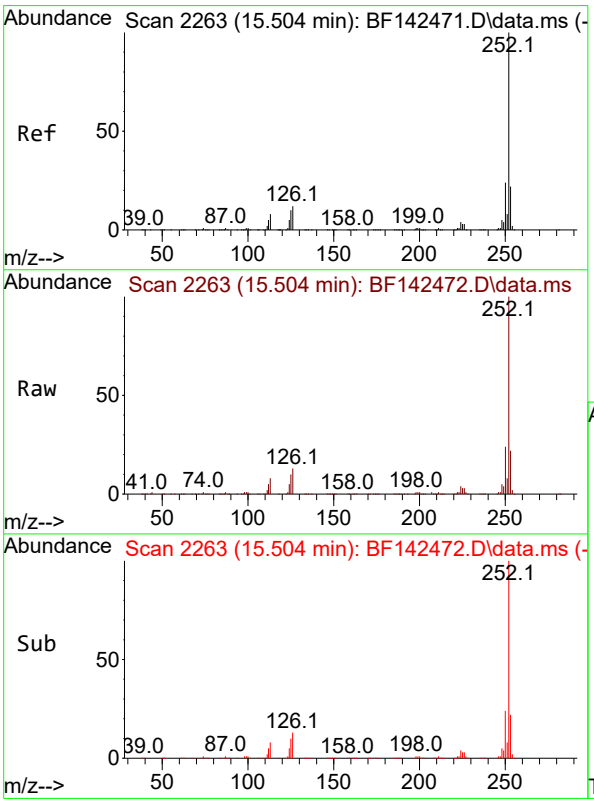
#89
Benzo(k)fluoranthene
Concen: 53.130 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 505348

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.1	7.3	10.9

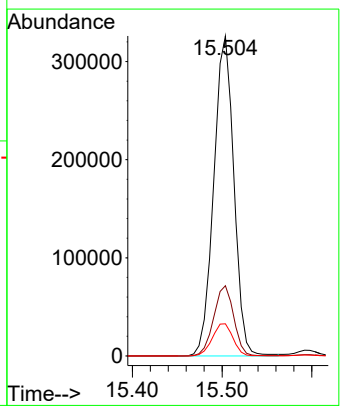


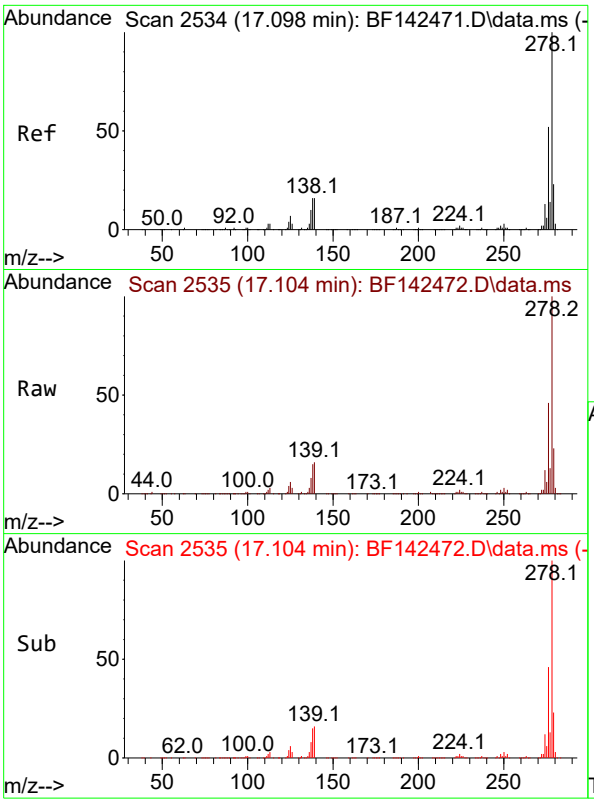


#90
Benzo(a)pyrene
Concen: 53.101 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:252 Resp: 508303

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.0	7.9	11.9



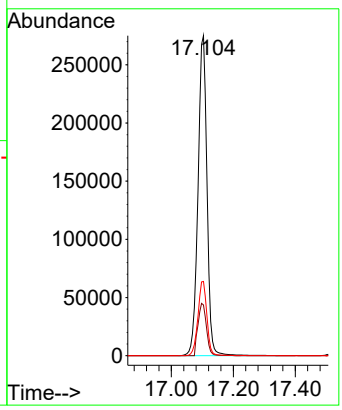


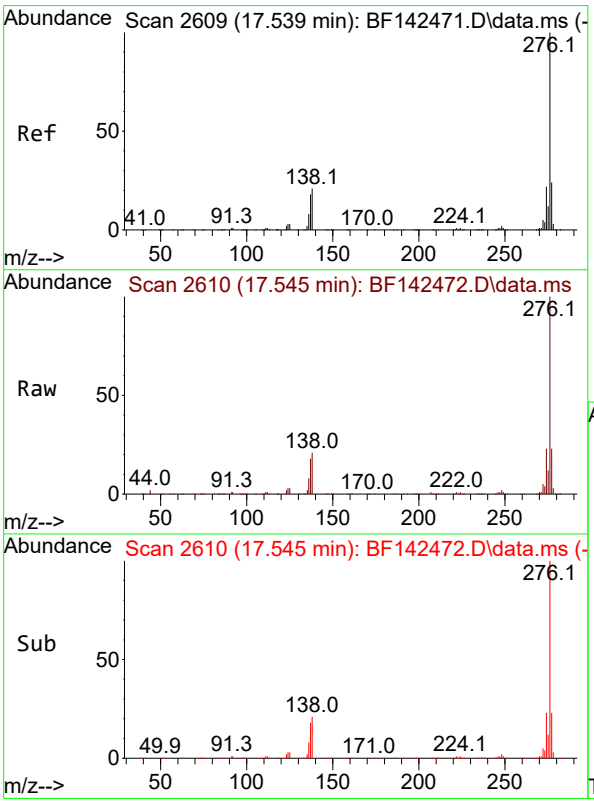
#91
Dibenzo(a,h)anthracene
Concen: 52.964 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 553351

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.8	19.2
279	23.2	18.6	28.0

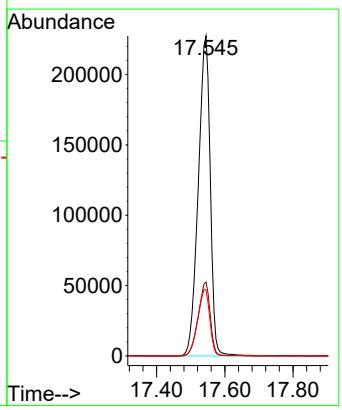




#92
Benzo(g,h,i)perylene
Concen: 53.328 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142472.D
Acq: 20 May 2025 14:34

Tgt Ion:276 Resp: 557271

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	20.5	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	91151	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	354160	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	187285	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	292190	20.000	ng		0.00
76) Chrysene-d12	14.074	240	143579	20.000	ng		0.00
86) Perylene-d12	15.563	264	183052	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	636815	117.703	ng		0.00
7) Phenol-d6	6.528	99	767355	117.823	ng		0.00
23) Nitrobenzene-d5	7.469	82	771758	118.825	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	244491	117.621	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1569136	112.426	ng		0.00
79) Terphenyl-d14	13.016	244	1151893	109.634	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	132790	61.335	ng		98
3) Pyridine	3.440	79	337570	61.229	ng		99
4) n-Nitrosodimethylamine	3.393	42	178276	62.278	ng		100
6) Aniline	6.563	93	522409	59.656	ng		99
8) 2-Chlorophenol	6.687	128	351459	59.640	ng		99
9) Benzaldehyde	6.451	77	207213	52.898	ng		99
10) Phenol	6.545	94	436789	59.604	ng		95
11) bis(2-Chloroethyl)ether	6.640	93	316232	59.948	ng		100
12) 1,3-Dichlorobenzene	6.845	146	384777	58.514	ng		99
13) 1,4-Dichlorobenzene	6.922	146	390981	59.027	ng		99
14) 1,2-Dichlorobenzene	7.075	146	370996	58.534	ng		99
15) Benzyl Alcohol	7.040	79	293457	60.973	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	519064	58.593	ng		99
17) 2-Methylphenol	7.151	107	277466	60.306	ng		99
18) Hexachloroethane	7.416	117	135953	58.780	ng		99
19) n-Nitroso-di-n-propyla...	7.322	70	236814	58.671	ng		98
20) 3+4-Methylphenols	7.304	107	341788	58.010	ng	#	87
22) Acetophenone	7.316	105	454226	57.937	ng		99
24) Nitrobenzene	7.487	77	351378	59.984	ng		98
25) Isophorone	7.728	82	644818	59.381	ng		99
26) 2-Nitrophenol	7.798	139	193662	61.872	ng		98
27) 2,4-Dimethylphenol	7.834	122	331159	59.994	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	398177	58.699	ng		99
29) 2,4-Dichlorophenol	8.045	162	300754	59.913	ng		98
30) 1,2,4-Trichlorobenzene	8.128	180	318487	58.460	ng		99
31) Naphthalene	8.210	128	1012926	58.085	ng		99
32) Benzoic acid	7.957	122	221962	66.059	ng		99
33) 4-Chloroaniline	8.257	127	421281	59.619	ng		99
34) Hexachlorobutadiene	8.328	225	203527	59.831	ng		99
35) Caprolactam	8.634	113	82688	58.650	ng		100
36) 4-Chloro-3-methylphenol	8.734	107	305341	59.352	ng		99
37) 2-Methylnaphthalene	8.898	142	635148	57.893	ng		100
38) 1-Methylnaphthalene	8.998	142	649652	57.247	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	321732	59.844	ng		99
41) Hexachlorocyclopentadiene	9.051	237	238708	65.820	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	217868	60.098	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

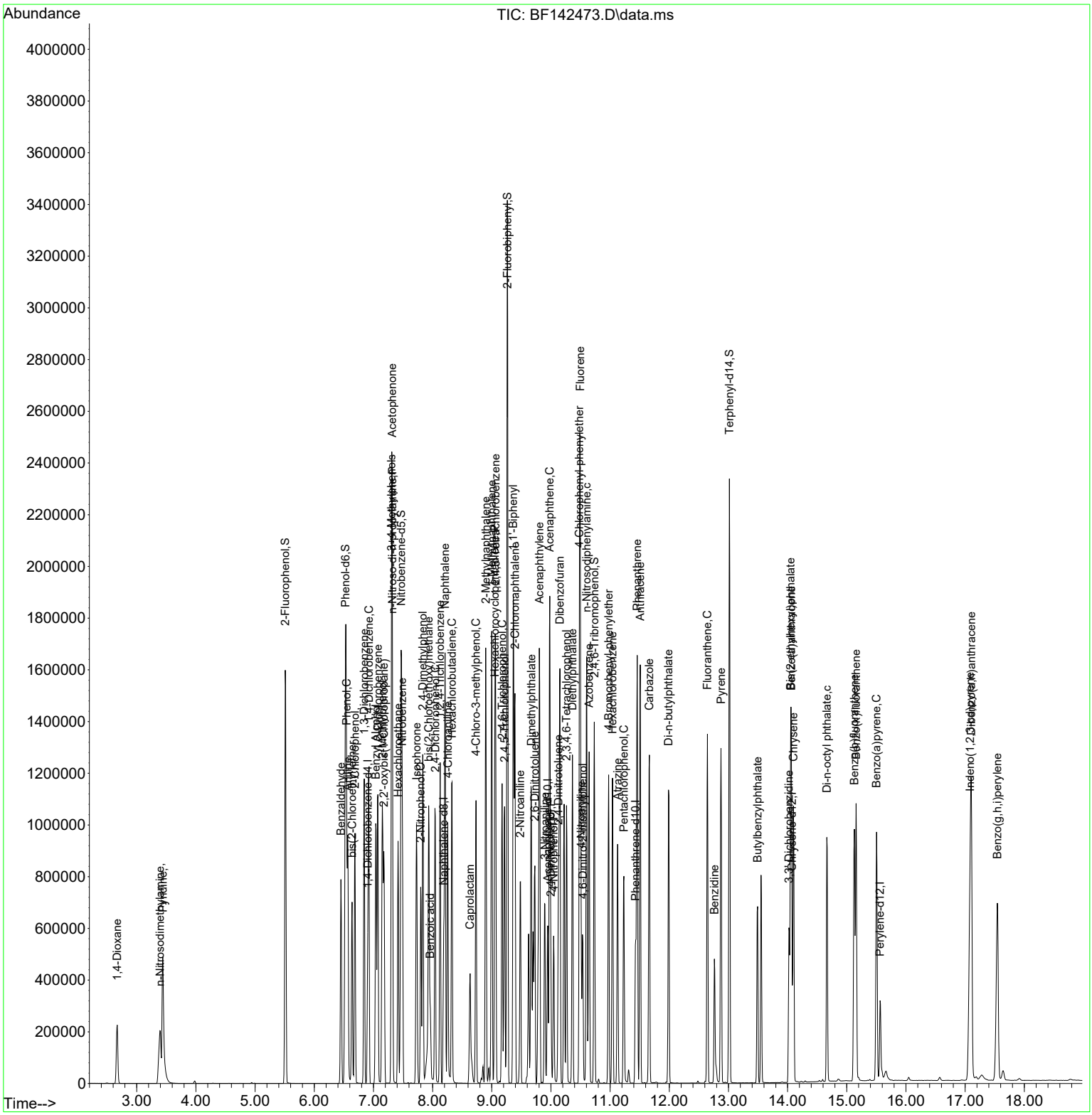
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	229079	59.916	ng	99
46) 1,1'-Biphenyl	9.363	154	846783	58.279	ng	99
47) 2-Chloronaphthalene	9.392	162	630647	58.746	ng	99
48) 2-Nitroaniline	9.481	65	186466	60.093	ng	98
49) Acenaphthylene	9.804	152	1058826	58.411	ng	100
50) Dimethylphthalate	9.669	163	705857	57.119	ng	100
51) 2,6-Dinitrotoluene	9.728	165	157884	59.195	ng	99
52) Acenaphthene	9.981	154	643773	58.160	ng	99
53) 3-Nitroaniline	9.898	138	171137	58.746	ng	99
54) 2,4-Dinitrophenol	9.998	184	89741	65.126	ng	88
55) Dibenzofuran	10.151	168	918703	57.677	ng	100
56) 4-Nitrophenol	10.045	139	128501	59.782	ng	96
57) 2,4-Dinitrotoluene	10.128	165	209035	60.012	ng	100
58) Fluorene	10.492	166	695462	56.516	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	187067	58.609	ng	98
60) Diethylphthalate	10.363	149	684259	56.695	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	343838	56.880	ng	98
62) 4-Nitroaniline	10.510	138	148755	56.302	ng	99
63) Azobenzene	10.645	77	631137	58.221	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	109172	66.950	ng	98
66) n-Nitrosodiphenylamine	10.604	169	608394	60.861	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	212638	61.546	ng	99
68) Hexachlorobenzene	11.039	284	229917	60.168	ng	98
69) Atrazine	11.128	200	158234	59.604	ng	100
70) Pentachlorophenol	11.233	266	137347	63.663	ng	99
71) Phenanthrene	11.457	178	905073	57.961	ng	100
72) Anthracene	11.510	178	918369	57.627	ng	99
73) Carbazole	11.663	167	769151	56.455	ng	100
74) Di-n-butylphthalate	11.986	149	853524	57.234	ng	100
75) Fluoranthene	12.645	202	789533	54.112	ng	99
77) Benzidine	12.763	184	300547	56.251	ng	100
78) Pyrene	12.874	202	763672	57.017	ng	100
80) Butylbenzylphthalate	13.492	149	236758	63.972	ng	97
81) Benzo(a)anthracene	14.063	228	571607	59.620	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	190415	65.480	ng	100
83) Chrysene	14.098	228	526831	61.153	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	334950	70.698	ng	98
85) Di-n-octyl phthalate	14.663	149	664220	71.701	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	848752	61.761	ng	100
88) Benzo(b)fluoranthene	15.127	252	616210	56.878	ng	99
89) Benzo(k)fluoranthene	15.157	252	619660	61.068	ng	98
90) Benzo(a)pyrene	15.504	252	622347	60.943	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	683473	61.321	ng	99
92) Benzo(g,h,i)perylene	17.545	276	683528	61.313	ng	99

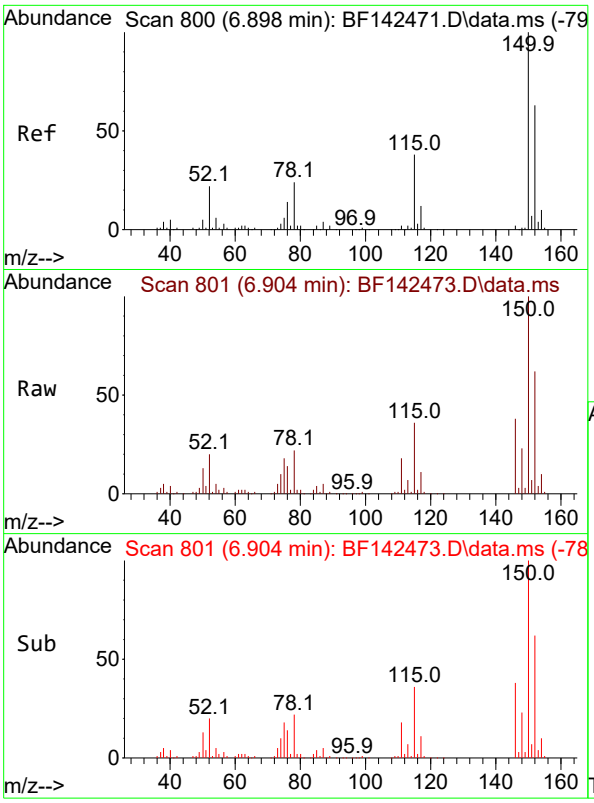
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142473.D
Acq On : 20 May 2025 15:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: May 20 16:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



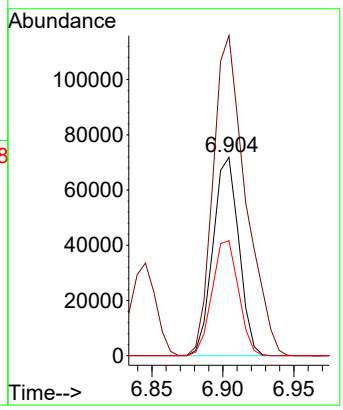


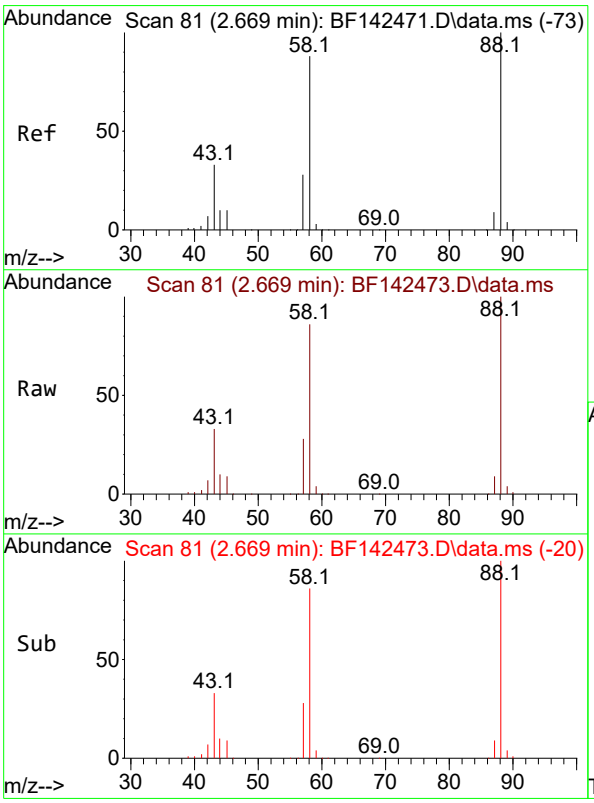
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 91151

Ion	Ratio	Lower	Upper
152	100		
150	161.4	128.2	192.4
115	58.0	48.3	72.5

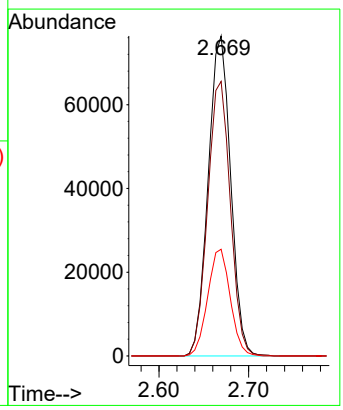


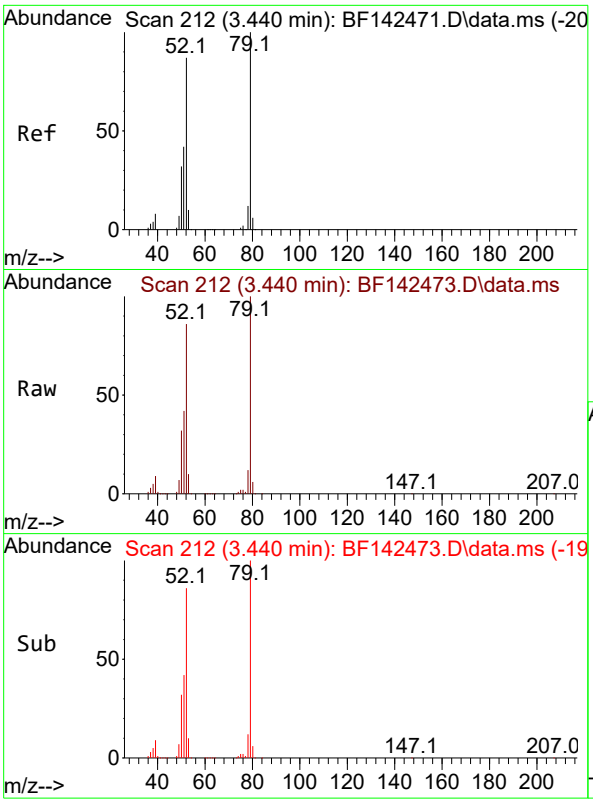


#2
1,4-Dioxane
Concen: 61.335 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 88 Resp: 132790

Ion	Ratio	Lower	Upper
88	100		
58	86.7	70.8	106.2
43	33.5	26.6	40.0



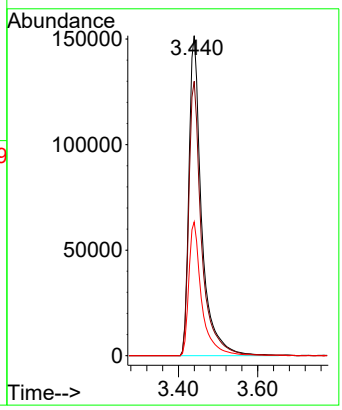


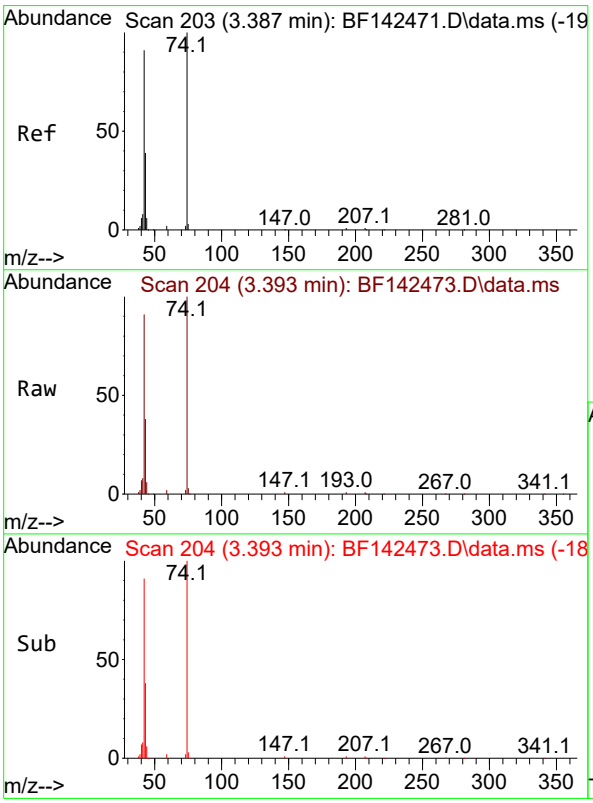
#3
Pyridine
Concen: 61.229 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 337570

Ion	Ratio	Lower	Upper
79	100		
52	85.7	69.2	103.8
51	41.8	33.3	49.9

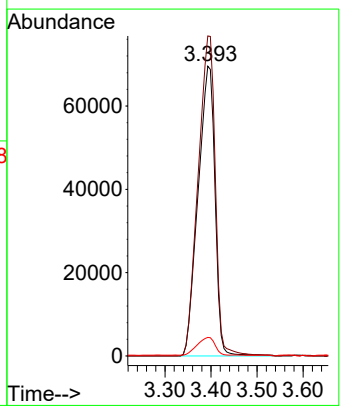


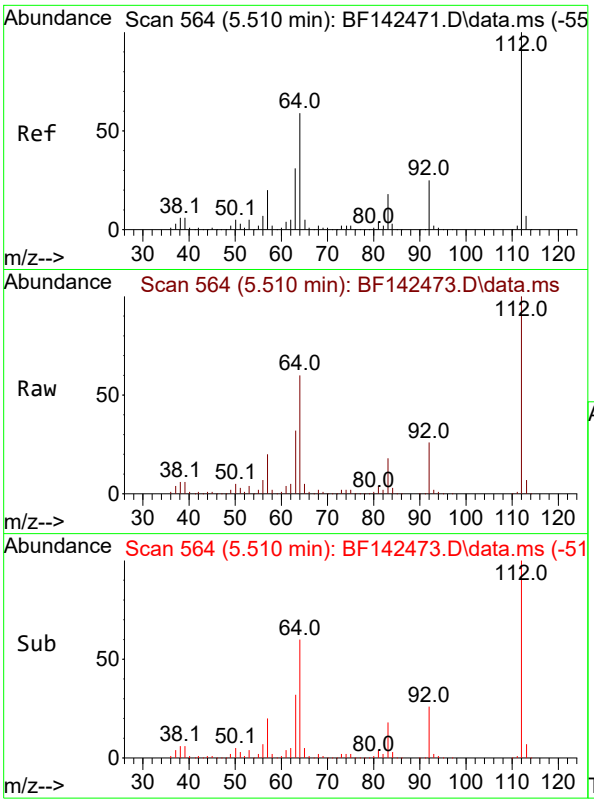


#4
n-Nitrosodimethylamine
Concen: 62.278 ng
RT: 3.393 min Scan# 204
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 42 Resp: 178276

Ion	Ratio	Lower	Upper
42	100		
74	110.4	88.2	132.4
44	6.4	5.4	8.2



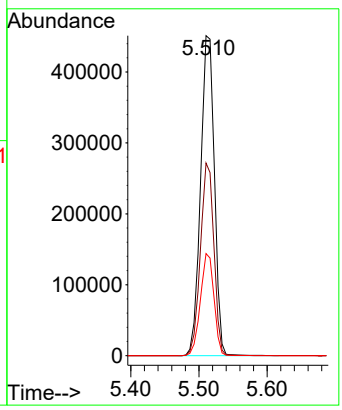


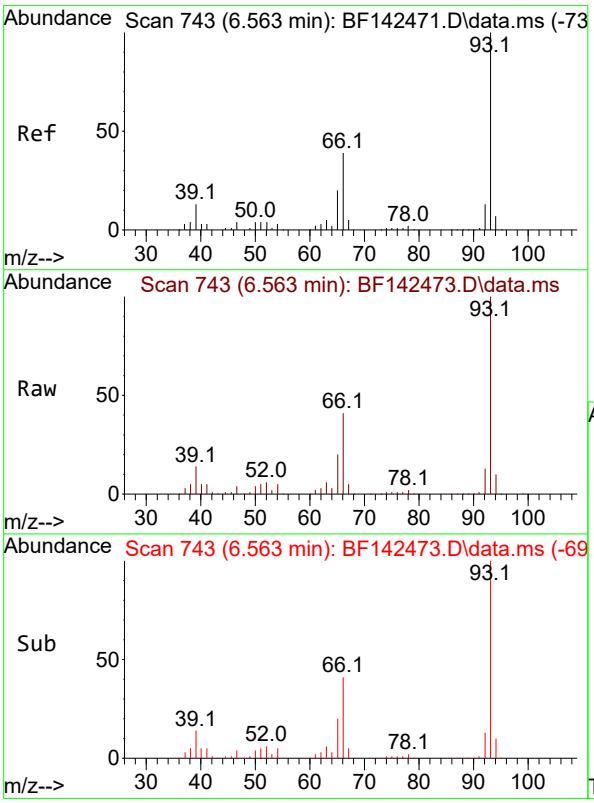
#5
2-Fluorophenol
Concen: 117.703 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 636815

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.5	71.3
63	31.9	24.9	37.3

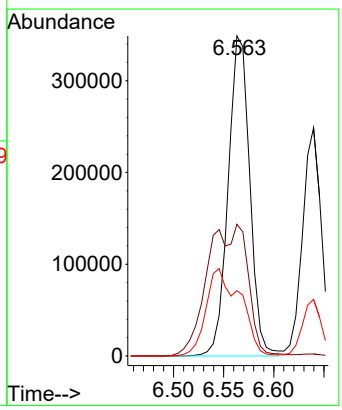


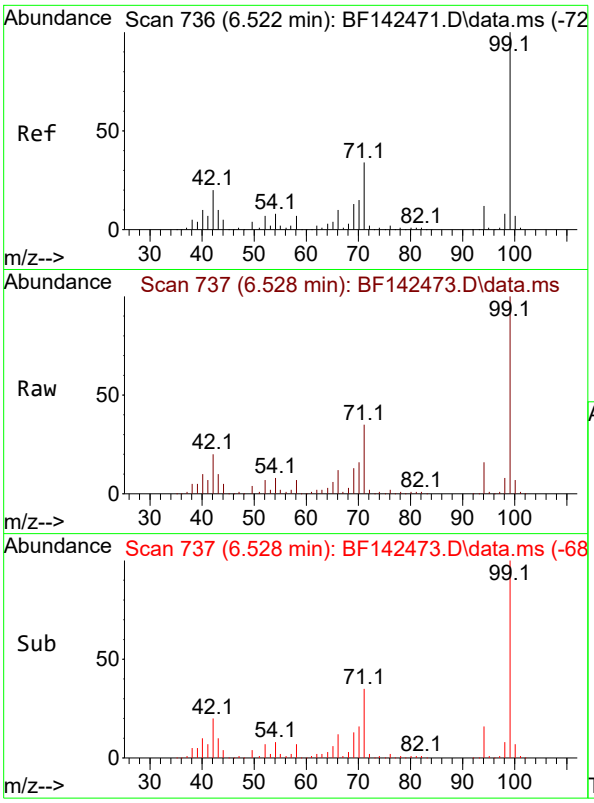


#6
Aniline
Concen: 59.656 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 522409

Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.0	48.0
65	20.4	16.1	24.1



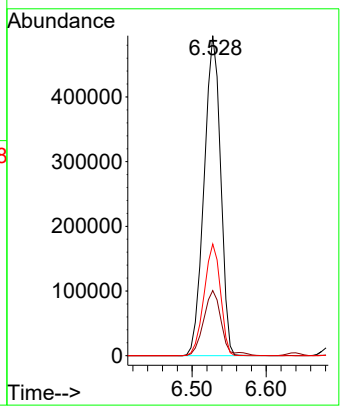


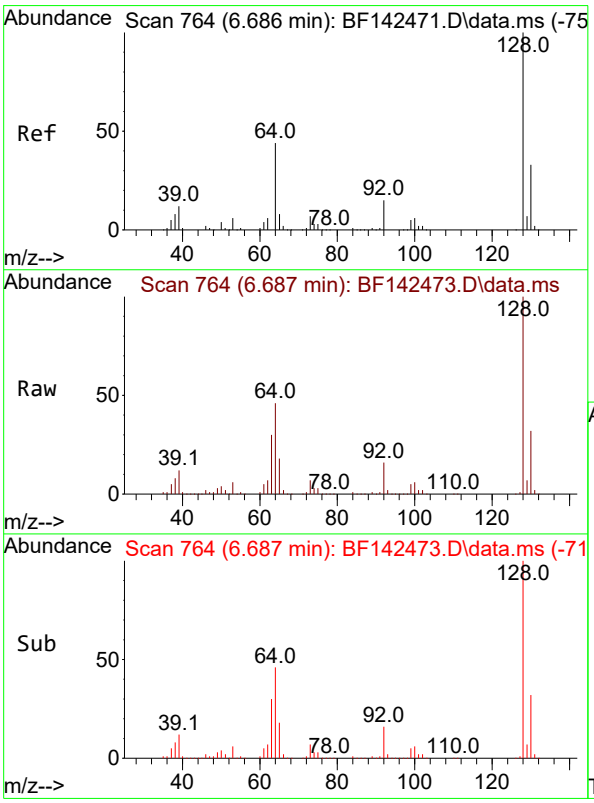
#7
Phenol-d6
Concen: 117.823 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 767355

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.2
71	34.9	27.3	40.9

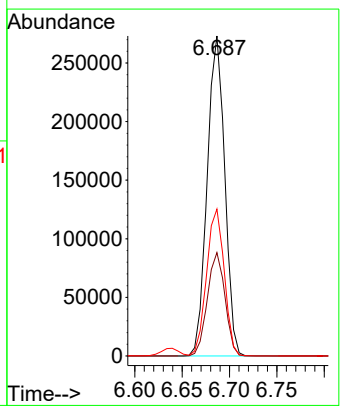


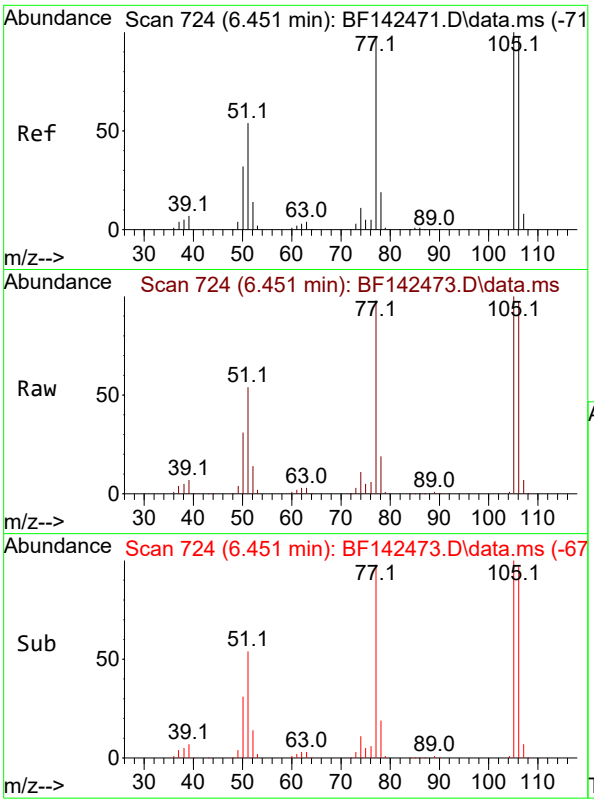


#8
2-Chlorophenol
Concen: 59.640 ng
RT: 6.687 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:128 Resp: 351459

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	45.9	25.1	65.1



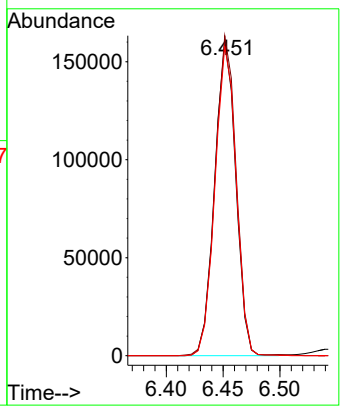


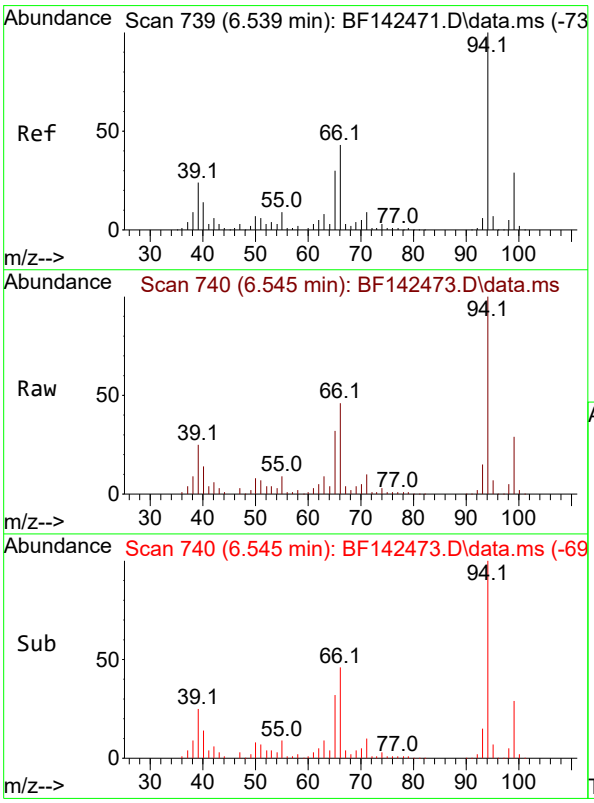
#9
Benzaldehyde
Concen: 52.898 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 207213

Ion	Ratio	Lower	Upper
77	100		
105	101.7	82.5	122.5
106	98.3	80.0	120.0

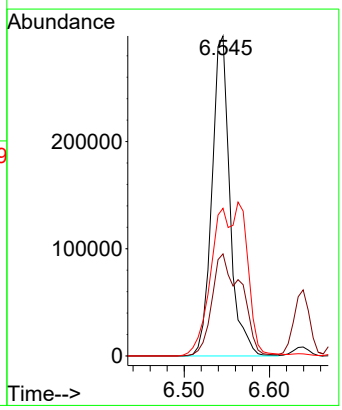


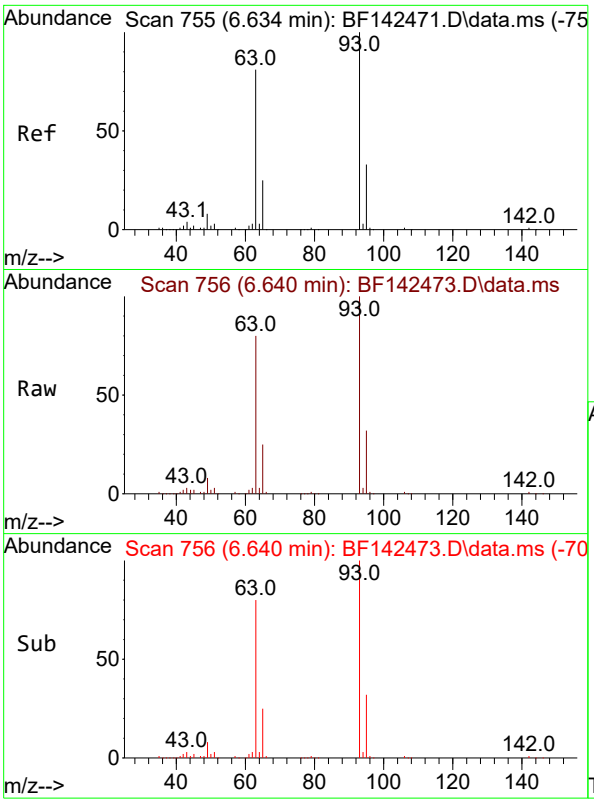


#10
Phenol
Concen: 59.604 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 94 Resp: 436789

Ion	Ratio	Lower	Upper
94	100		
65	31.9	10.3	50.3
66	46.2	22.6	62.6



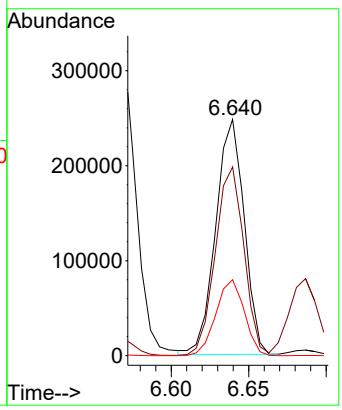


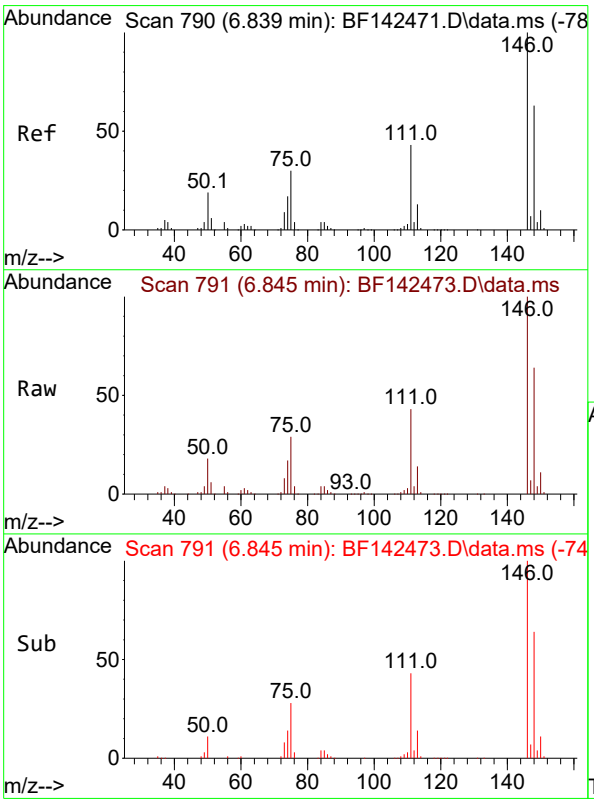
#11
bis(2-Chloroethyl)ether
Concen: 59.948 ng
RT: 6.640 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 316232

Ion	Ratio	Lower	Upper
93	100		
63	79.9	60.2	100.2
95	32.2	12.3	52.3

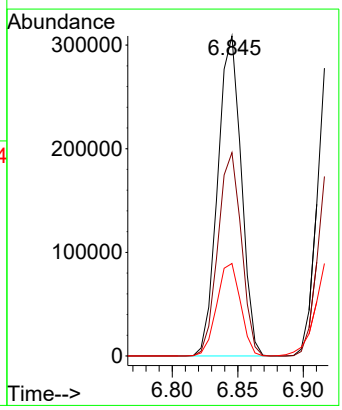


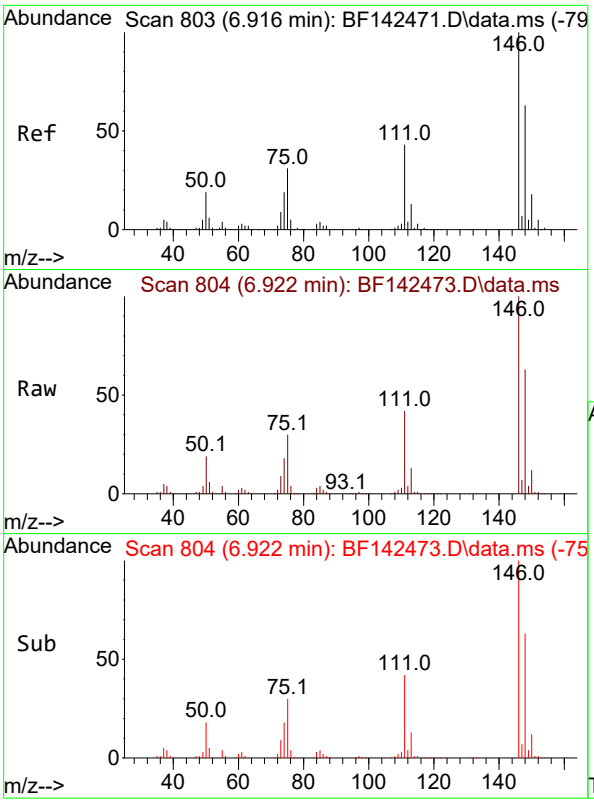


#12
1,3-Dichlorobenzene
Concen: 58.514 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:146 Resp: 384777

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
75	28.9	23.8	35.6



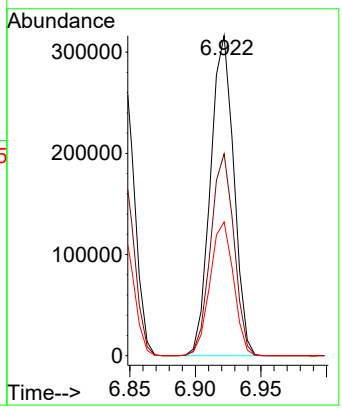


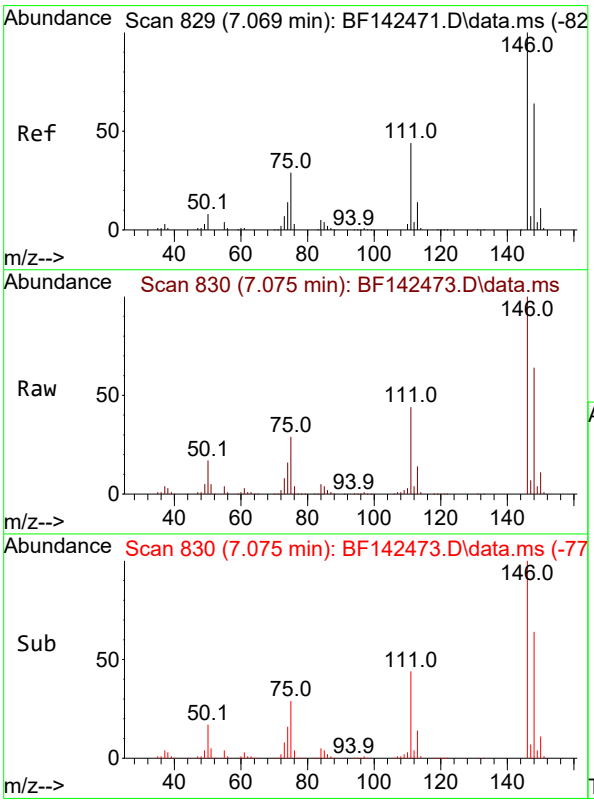
#13
1,4-Dichlorobenzene
Concen: 59.027 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 390981

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	41.8	34.1	51.1

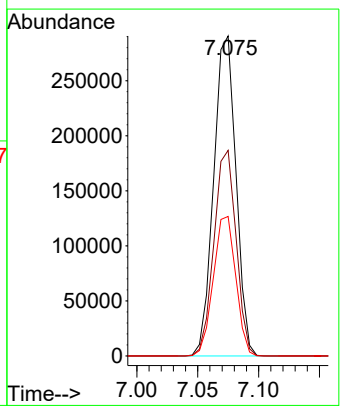


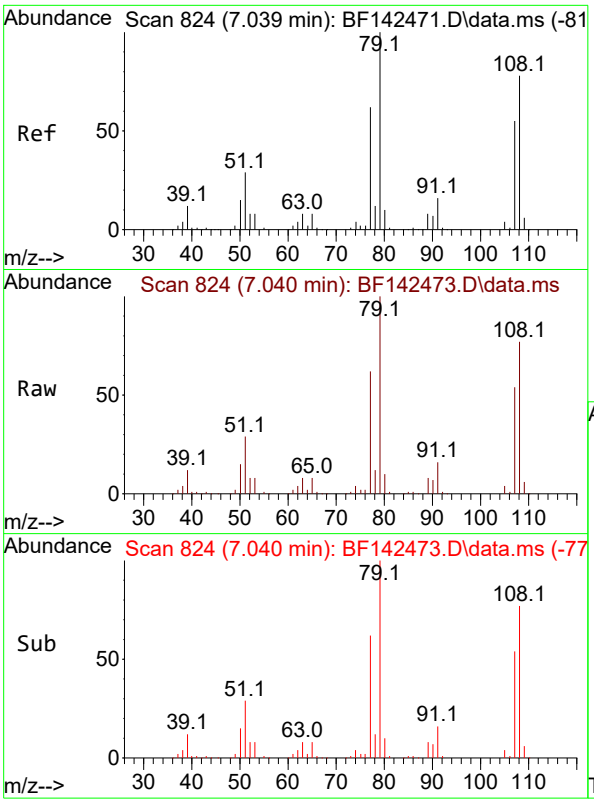


#14
1,2-Dichlorobenzene
Concen: 58.534 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:146 Resp: 370996

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	43.6	35.0	52.6



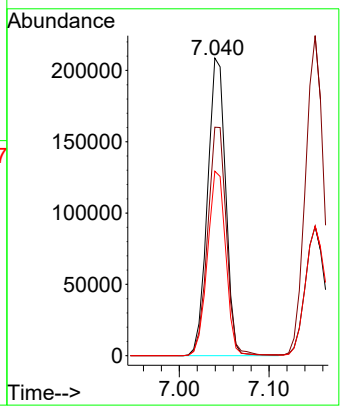


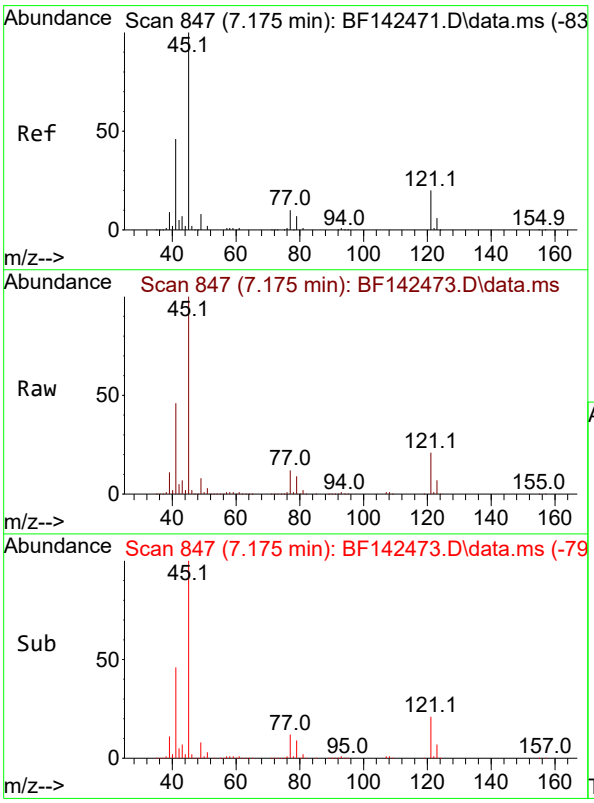
#15
Benzyl Alcohol
Concen: 60.973 ng
RT: 7.040 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 293457

Ion	Ratio	Lower	Upper
79	100		
108	76.8	62.1	93.1
77	62.0	49.5	74.3

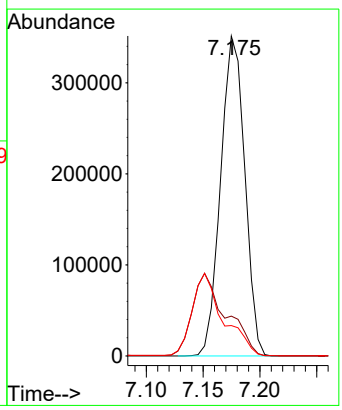


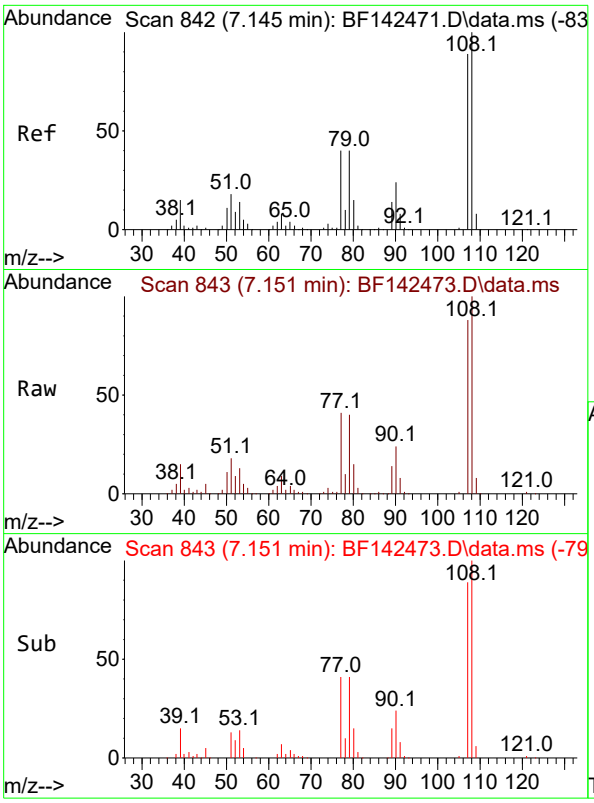


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.593 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 45 Resp: 519064

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.0
79	9.5	0.0	29.2



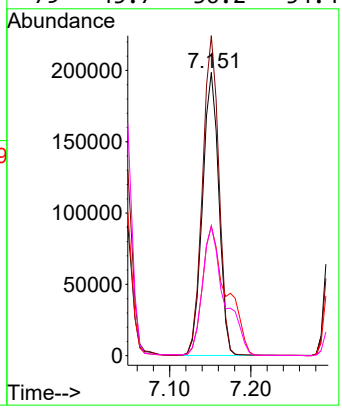


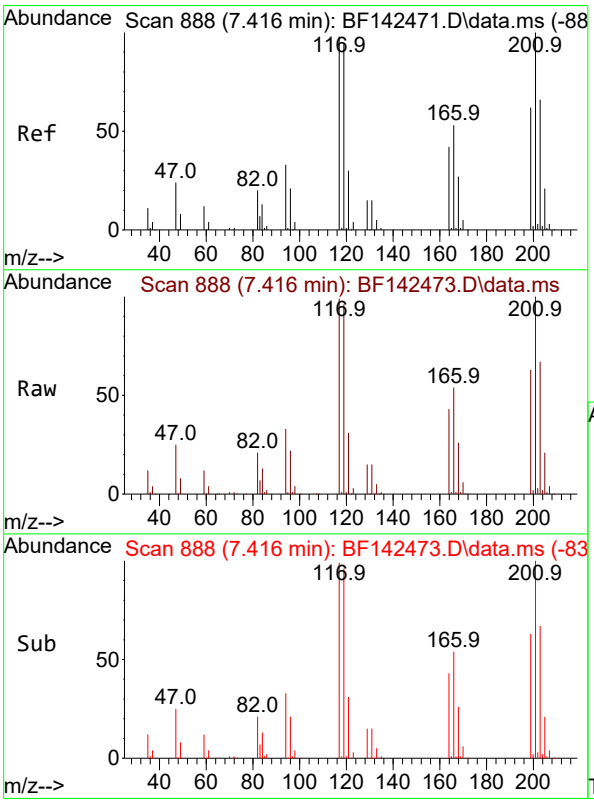
#17
2-Methylphenol
Concen: 60.306 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 277466

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.2
77	45.8	36.1	54.1
79	45.7	36.2	54.4

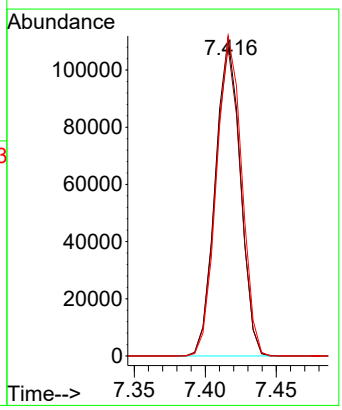


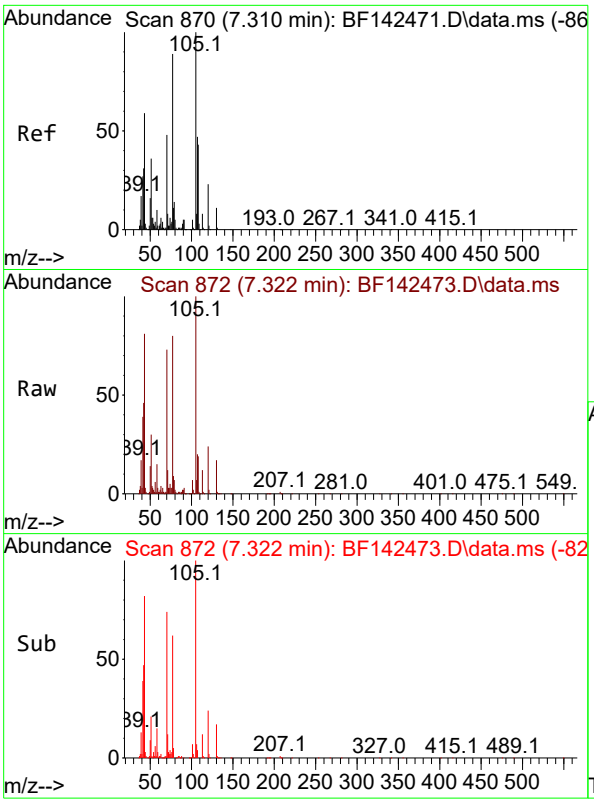


#18
Hexachloroethane
Concen: 58.780 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:117 Resp: 135953

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.6	114.8
201	100.6	81.3	121.9



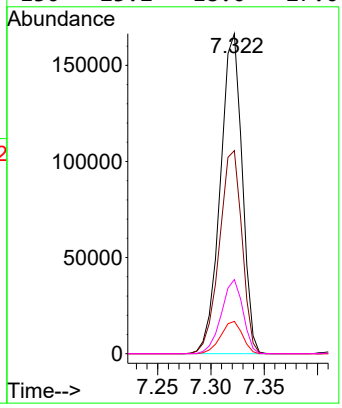


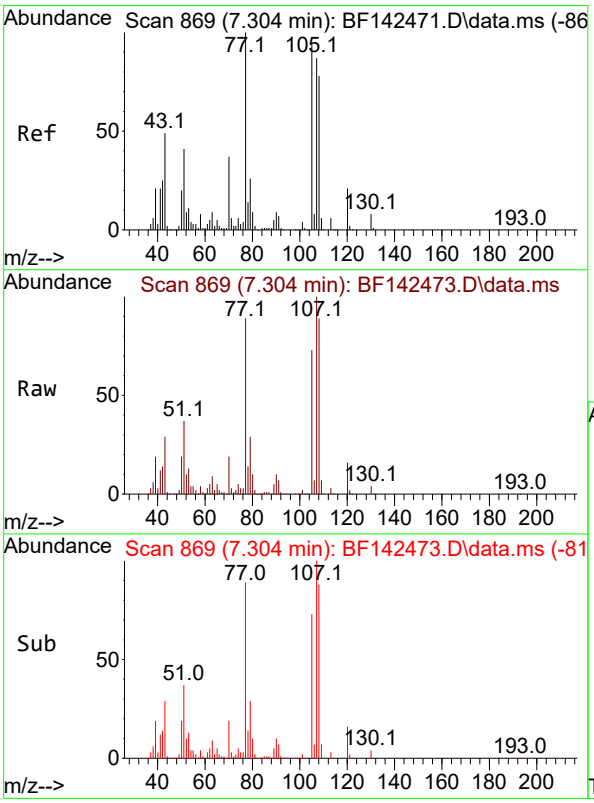
#19
n-Nitroso-di-n-propylamine
Concen: 58.671 ng
RT: 7.322 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 236814

Ion	Ratio	Lower	Upper
70	100		
42	63.4	52.4	78.6
101	10.1	7.8	11.8
130	23.2	18.0	27.0

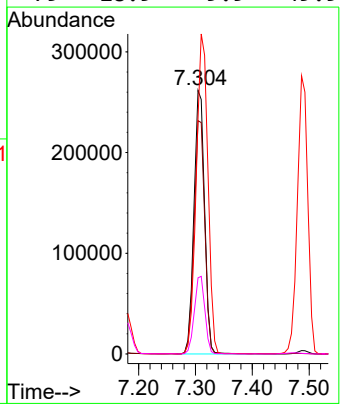


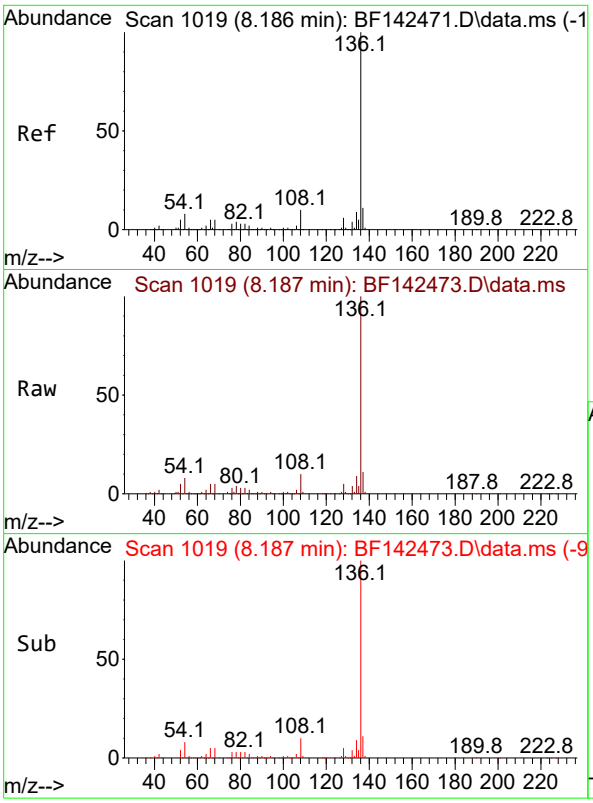


#20
3+4-Methylphenols
Concen: 58.010 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 341788

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.4	110.4
77	89.5	95.4	135.4#
79	28.9	9.9	49.9



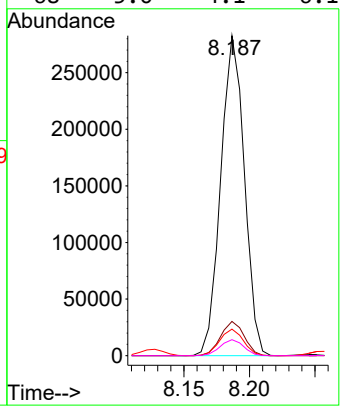


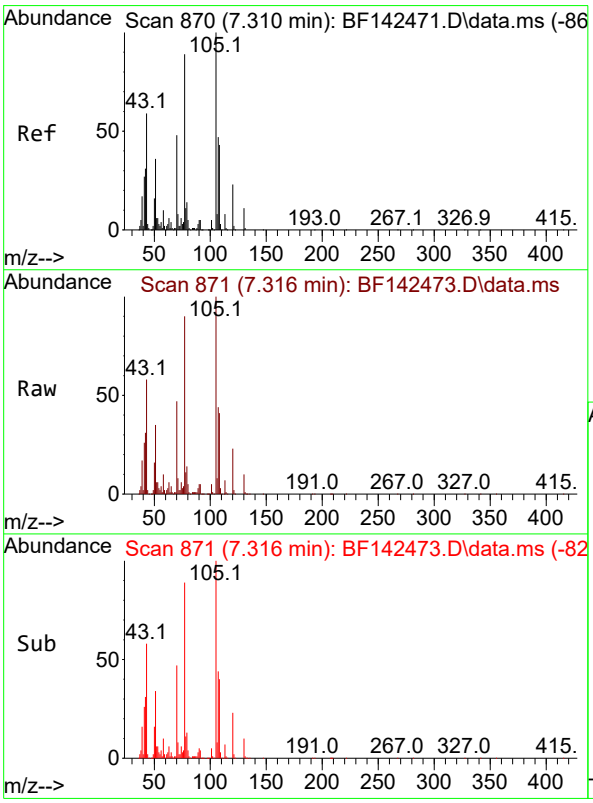
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 354160

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.3	6.6	10.0
68	5.0	4.1	6.1

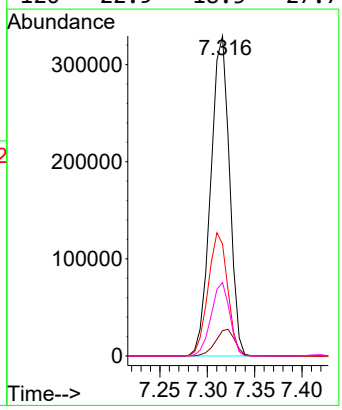


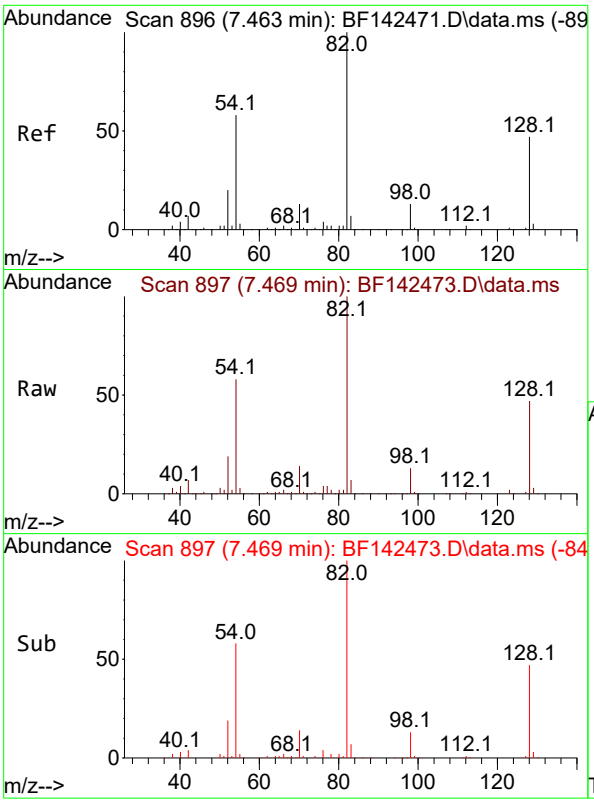


#22
Acetophenone
Concen: 57.937 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:105 Resp: 454226

Ion	Ratio	Lower	Upper
105	100		
71	7.9	6.4	9.6
51	34.9	28.6	42.8
120	22.9	18.5	27.7



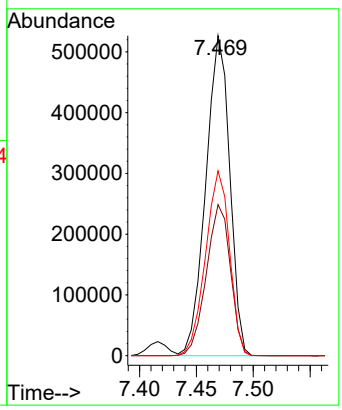


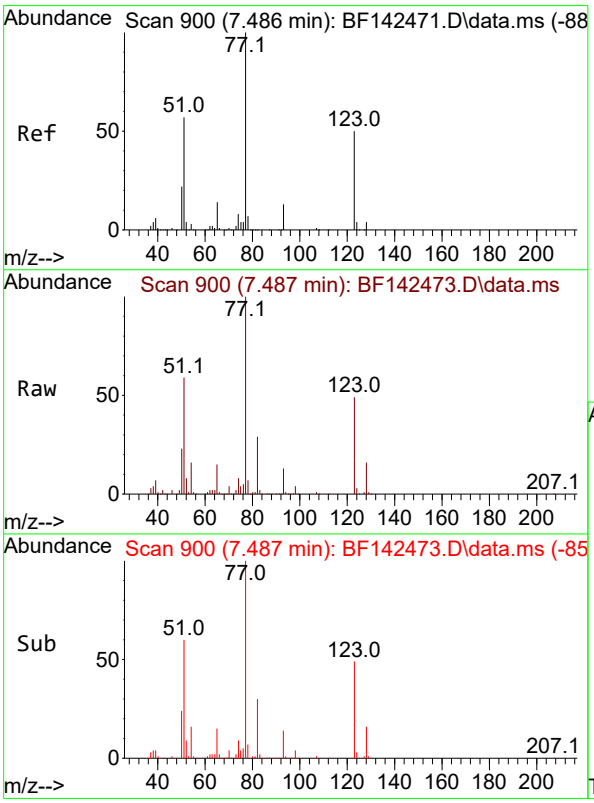
#23
Nitrobenzene-d5
Concen: 118.825 ng
RT: 7.469 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 771758

Ion	Ratio	Lower	Upper
82	100		
128	47.2	37.4	56.2
54	57.7	46.6	70.0

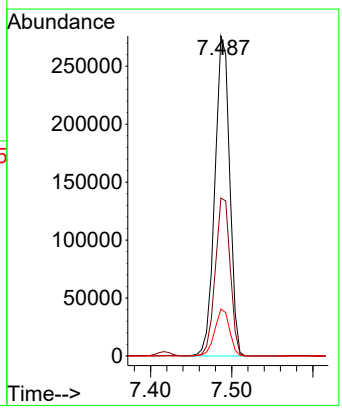


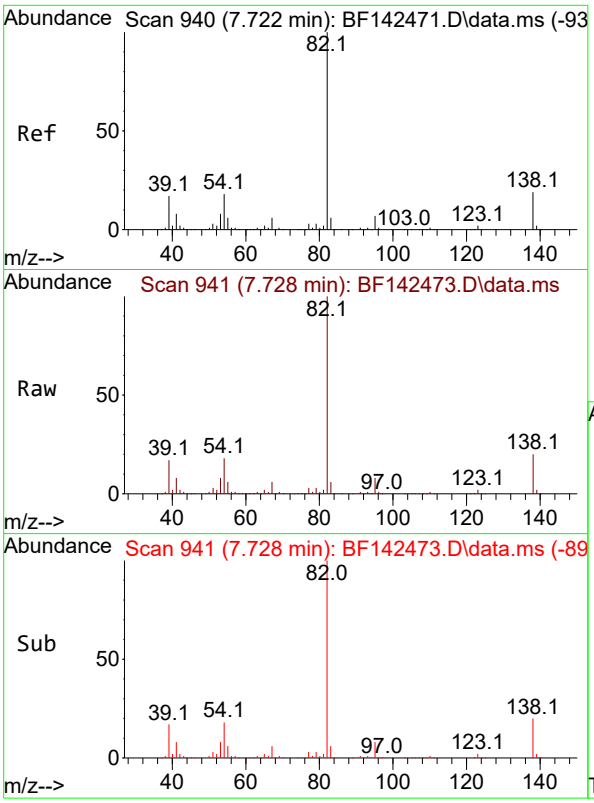


#24
Nitrobenzene
Concen: 59.984 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 77 Resp: 351378

Ion	Ratio	Lower	Upper
77	100		
123	49.4	40.6	61.0
65	14.7	11.4	17.2



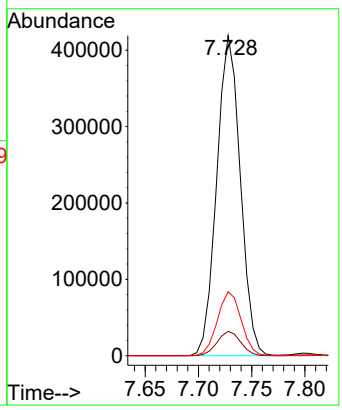


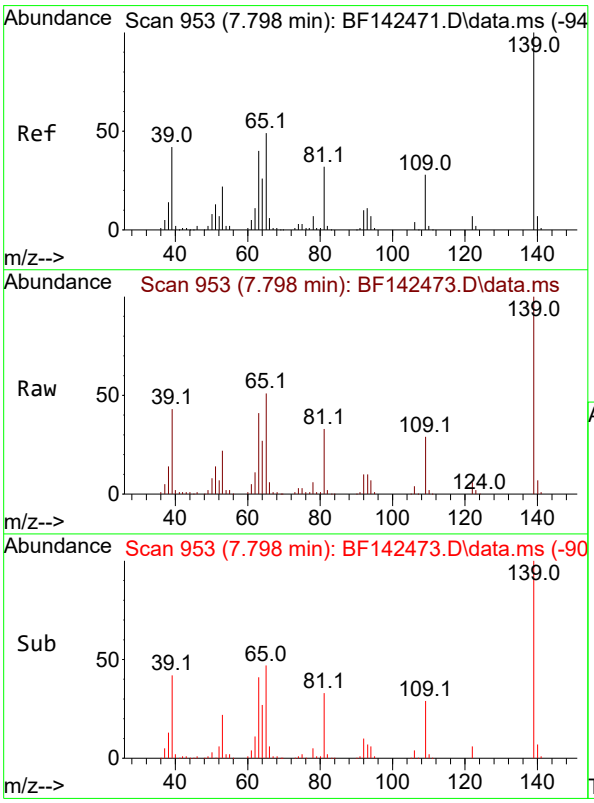
#25
Isophorone
Concen: 59.381 ng
RT: 7.728 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 644818

Ion	Ratio	Lower	Upper
82	100		
95	7.6	6.0	9.0
138	20.0	15.5	23.3

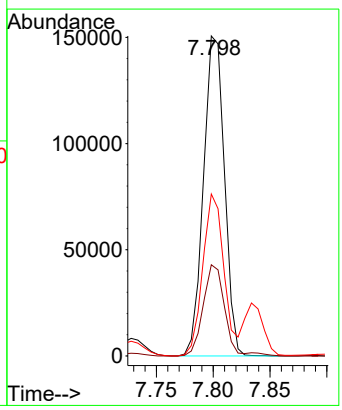


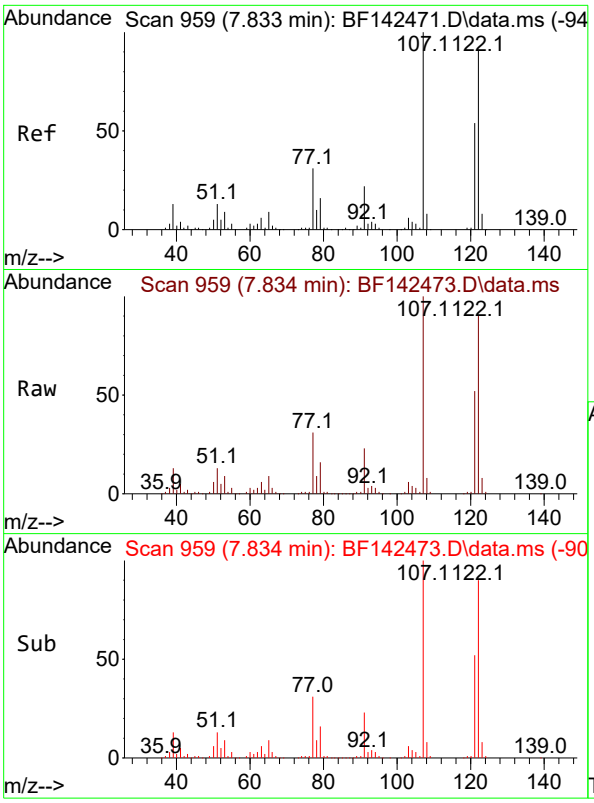


#26
2-Nitrophenol
Concen: 61.872 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:139 Resp: 193662

Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.6	33.8
65	50.6	39.4	59.0



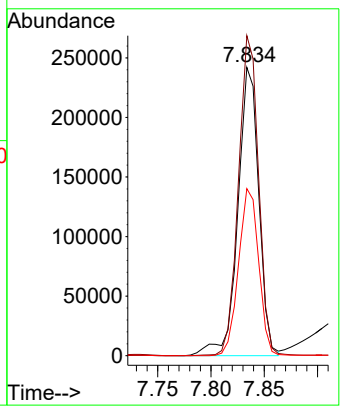


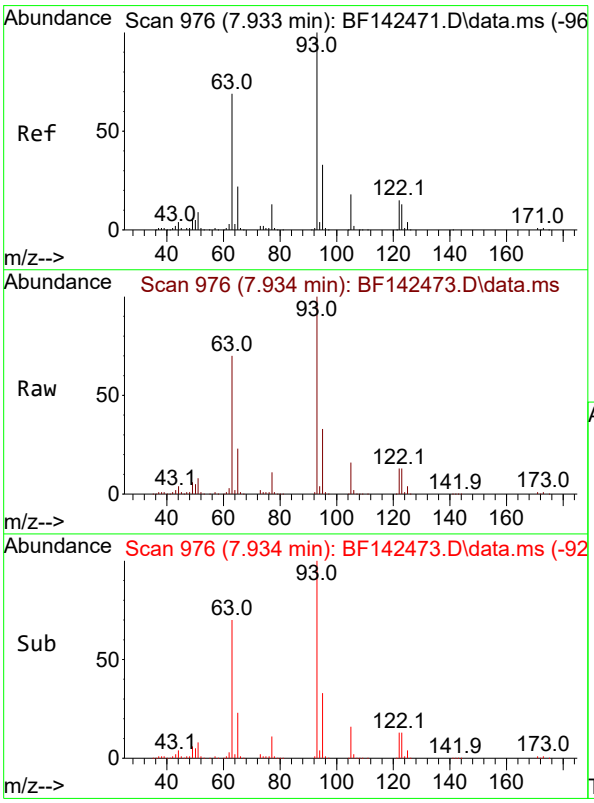
#27
2,4-Dimethylphenol
Concen: 59.994 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 331159

Ion	Ratio	Lower	Upper
122	100		
107	111.0	88.1	132.1
121	57.9	47.3	70.9

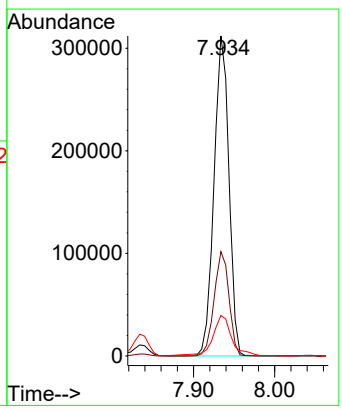


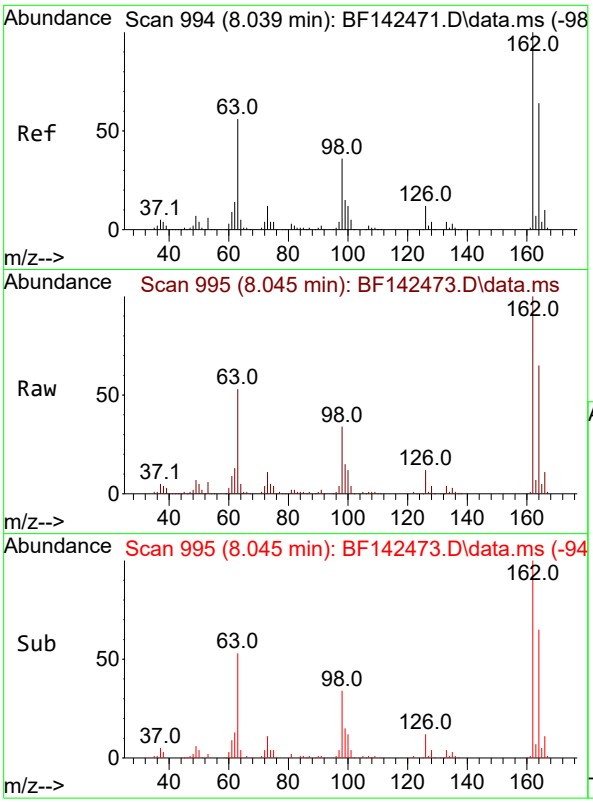


#28
bis(2-Chloroethoxy)methane
Concen: 58.699 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 93 Resp: 398177

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	12.7	10.6	15.8



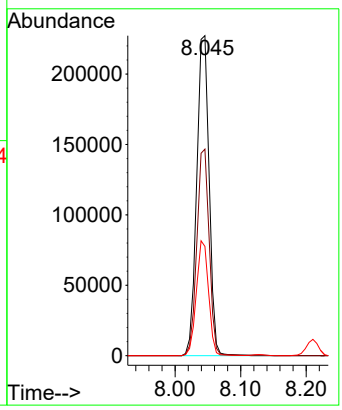


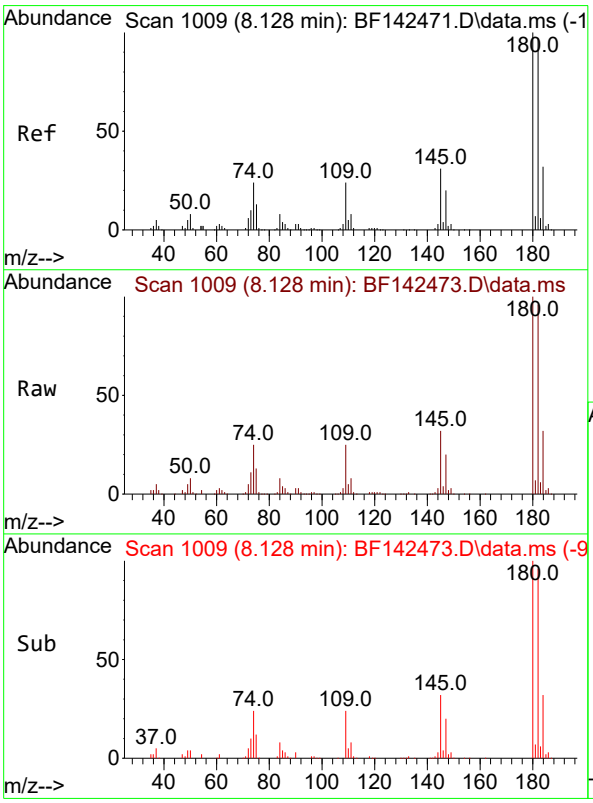
#29
2,4-Dichlorophenol
Concen: 59.913 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 300754

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.7	83.7
98	34.1	15.5	55.5

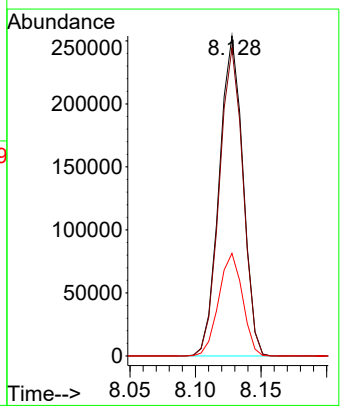


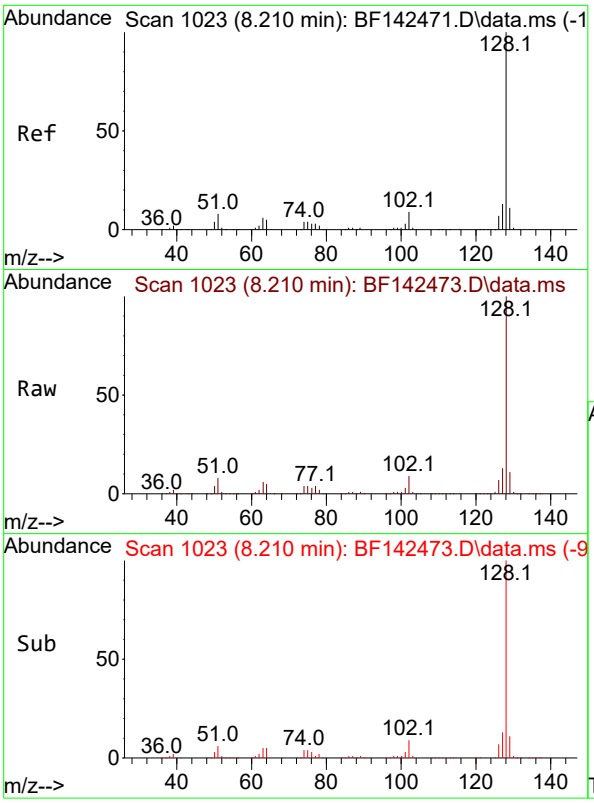


#30
1,2,4-Trichlorobenzene
Concen: 58.460 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:180 Resp: 318487

Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.0	117.0
145	32.0	25.0	37.6



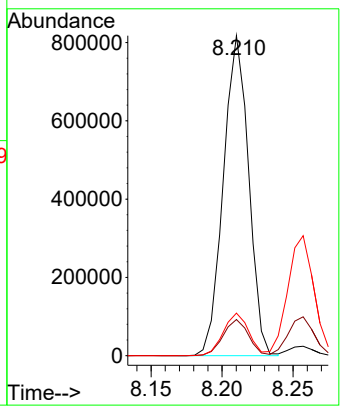


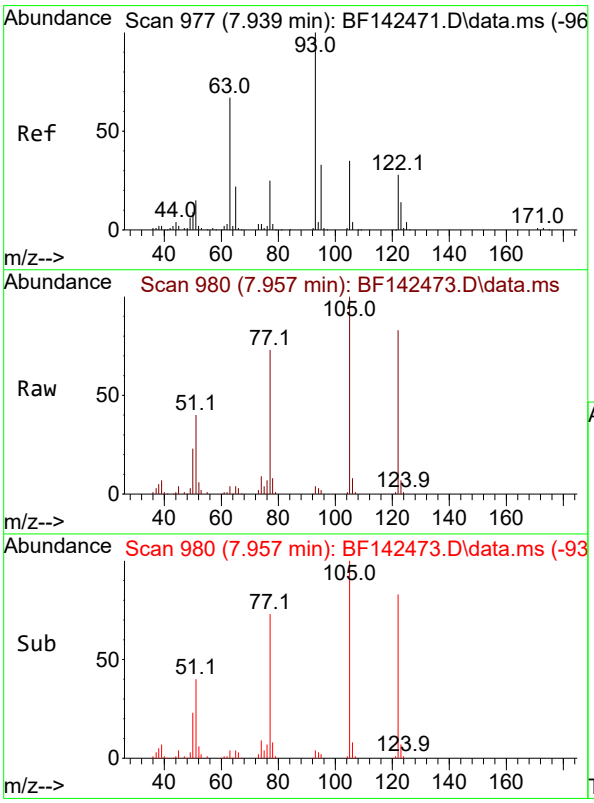
#31
Naphthalene
Concen: 58.085 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1012926

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.5	15.7

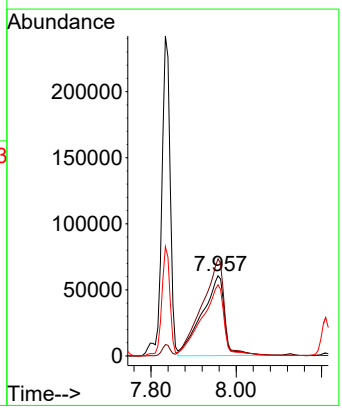


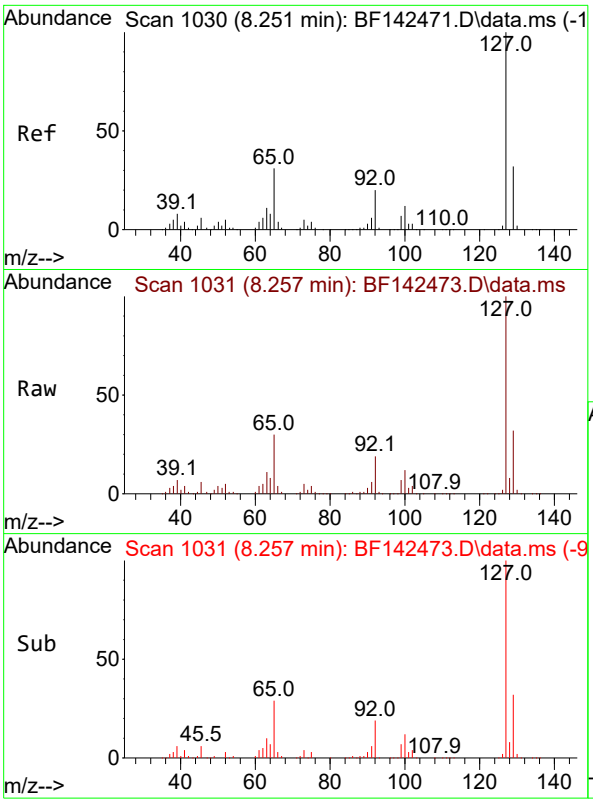


#32
Benzoic acid
Concen: 66.059 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:122 Resp: 221962

Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.7	141.7
77	88.9	69.5	109.5



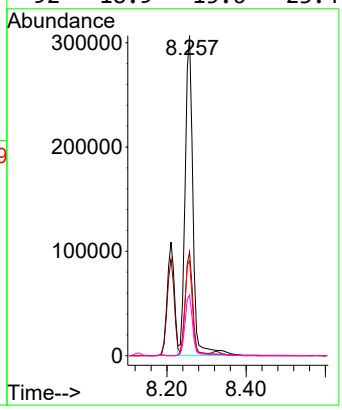


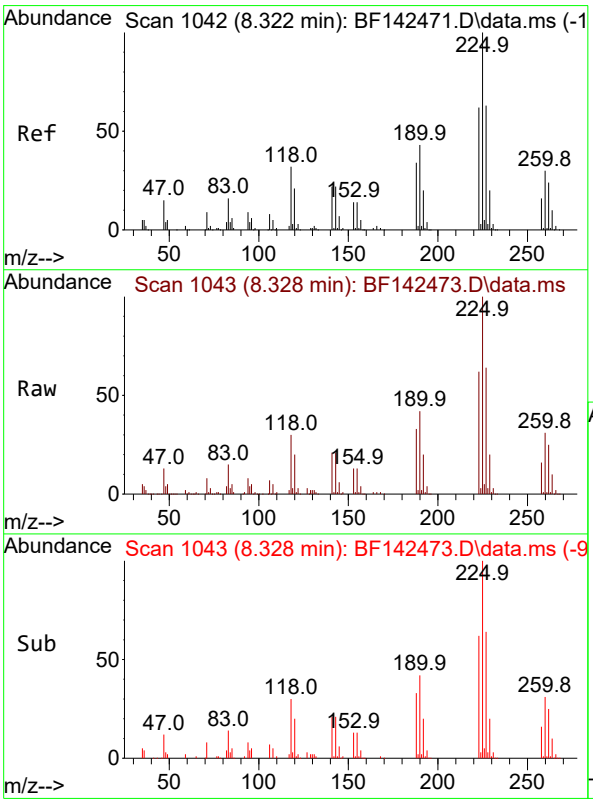
#33
4-Chloroaniline
Concen: 59.619 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 421281

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	29.7	24.9	37.3
92	18.9	15.6	23.4

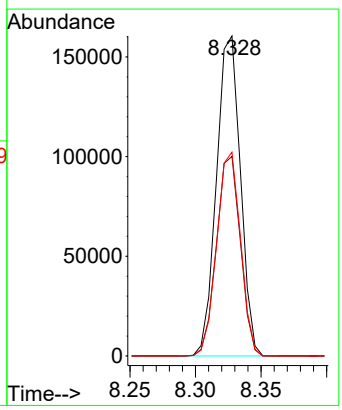


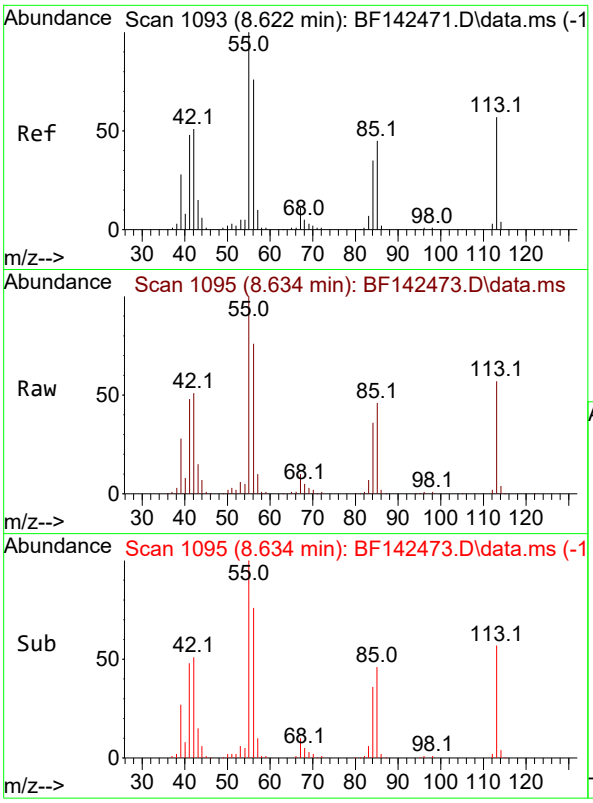


#34
Hexachlorobutadiene
Concen: 59.831 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:225 Resp: 203527

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.7	50.3	75.5



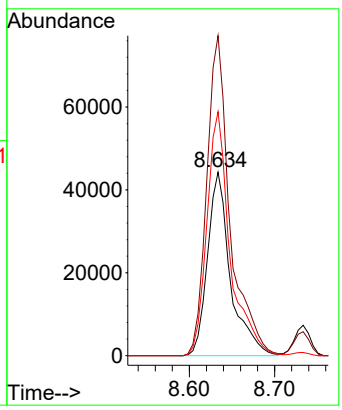


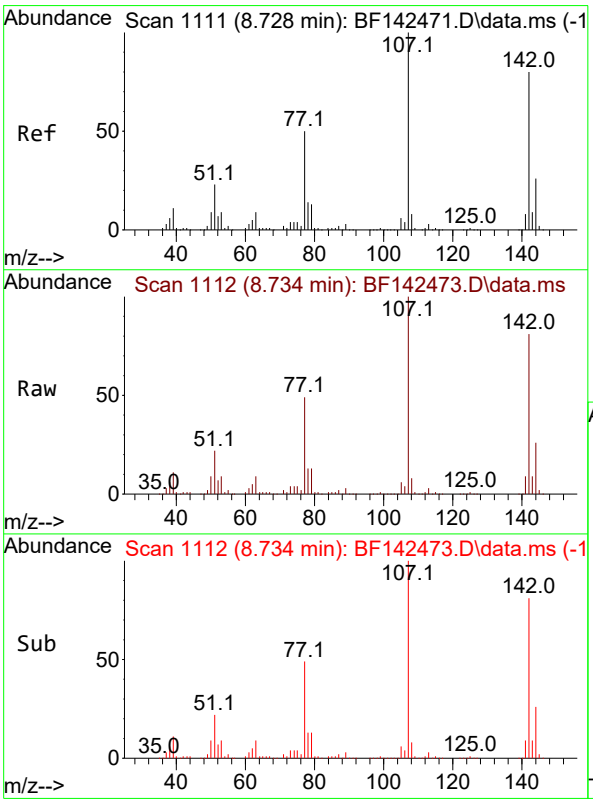
#35
Caprolactam
Concen: 58.650 ng
RT: 8.634 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 82688

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.7	194.7
56	133.0	113.2	153.2

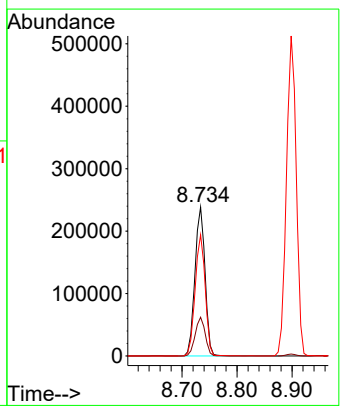


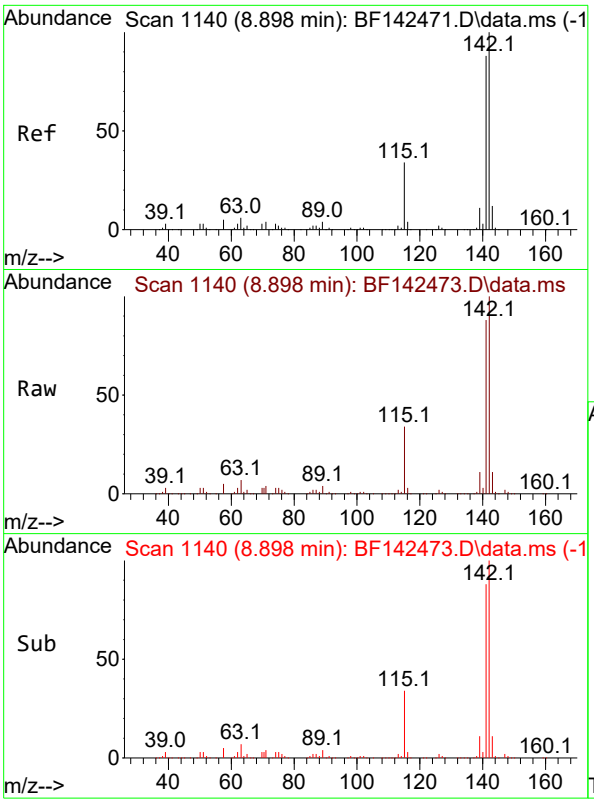


#36
4-Chloro-3-methylphenol
Concen: 59.352 ng
RT: 8.734 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:107 Resp: 305341

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.9	31.3
142	81.3	64.2	96.2



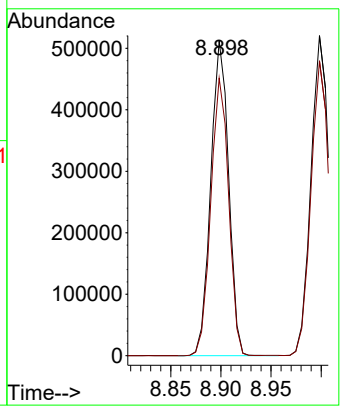


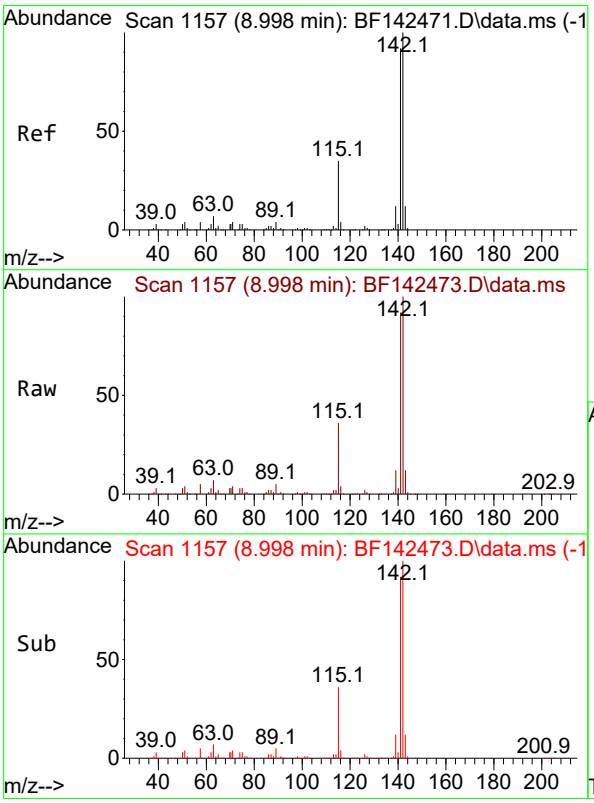
#37
2-Methylnaphthalene
Concen: 57.893 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 635148

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1

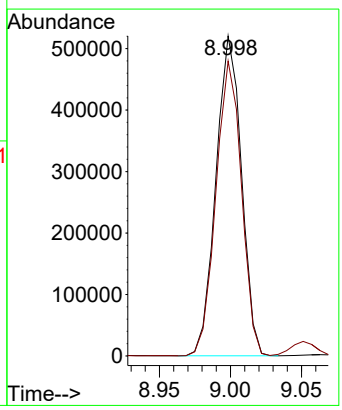


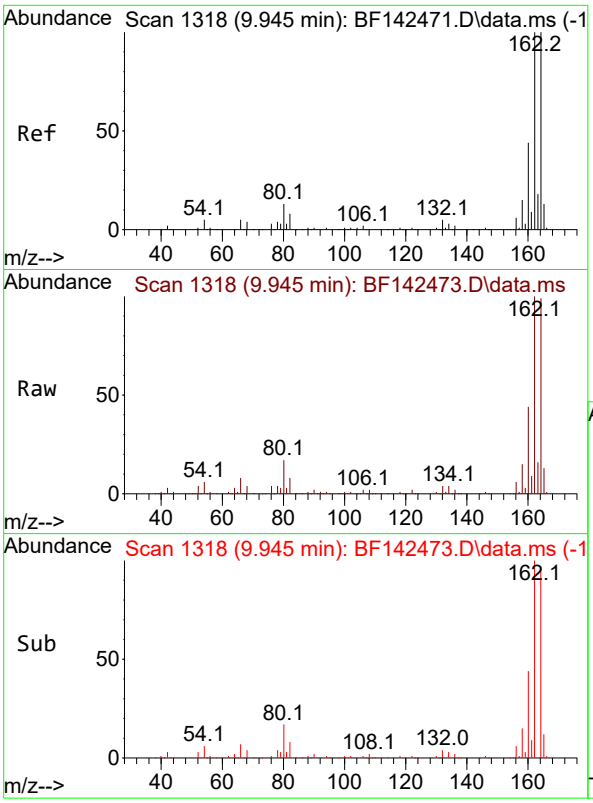


#38
1-Methylnaphthalene
Concen: 57.247 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:142 Resp: 649652

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.4	110.2



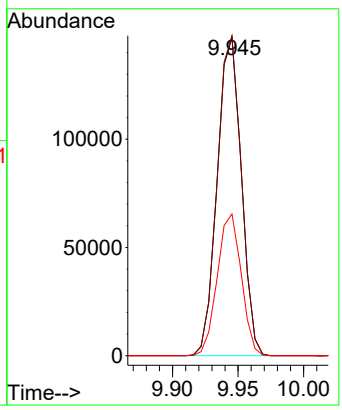


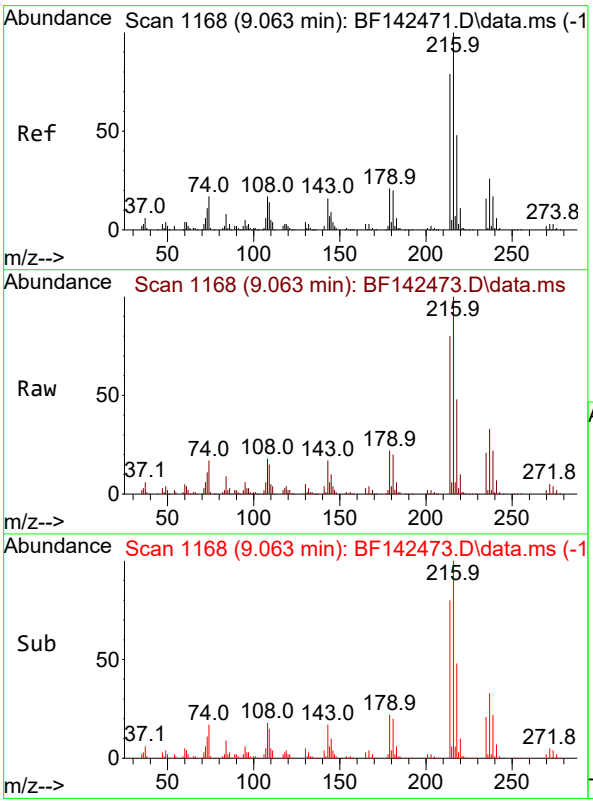
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 187285

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.4
160	44.6	35.6	53.4

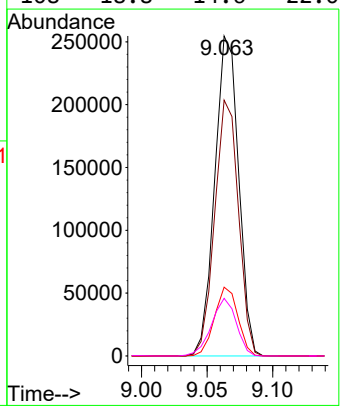


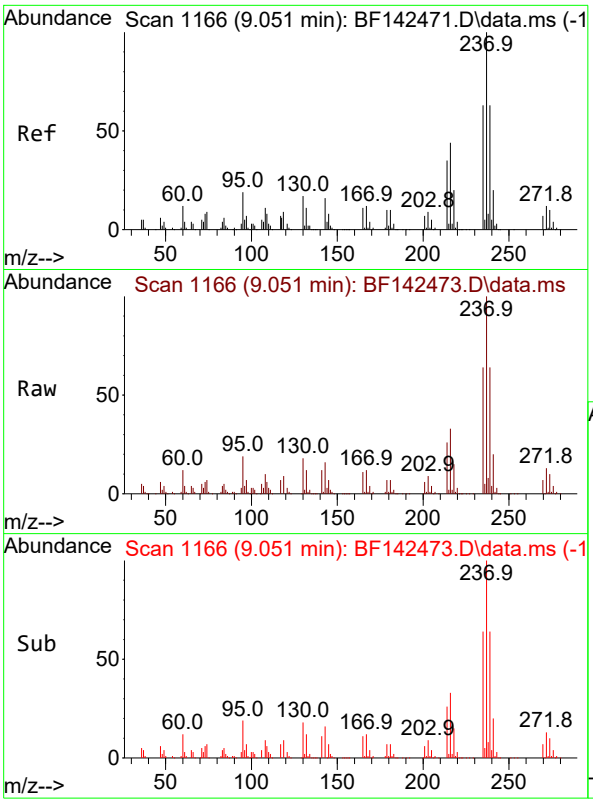


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.844 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:216 Resp: 321732

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.9	94.3
179	21.1	16.9	25.3
108	18.8	14.6	22.0



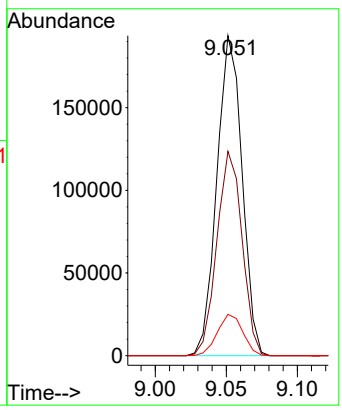


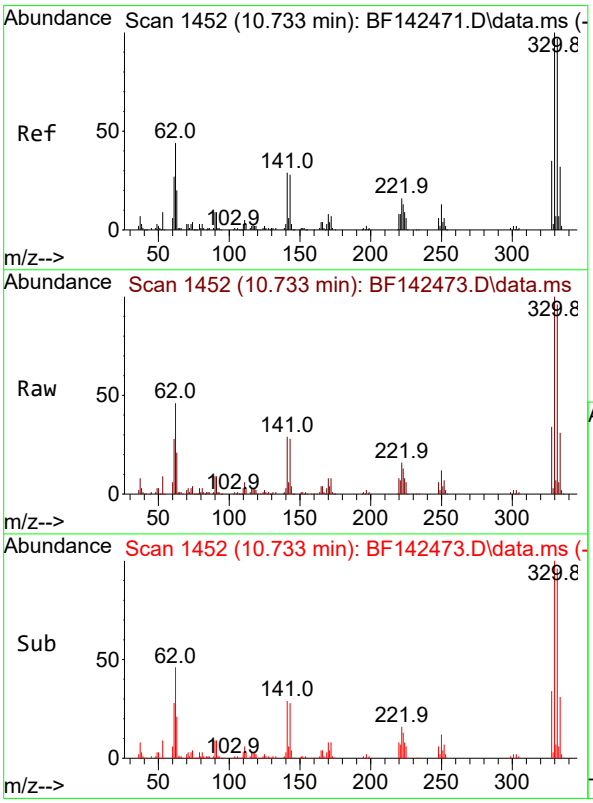
#41
Hexachlorocyclopentadiene
Concen: 65.820 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 238708

Ion	Ratio	Lower	Upper
237	100		
235	63.9	43.3	83.3
272	12.9	0.0	32.4

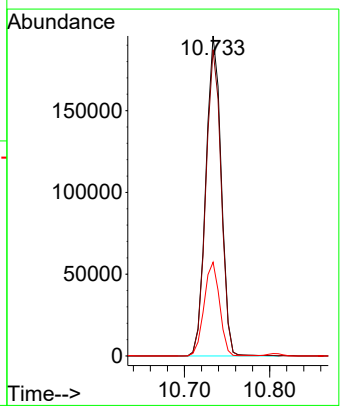


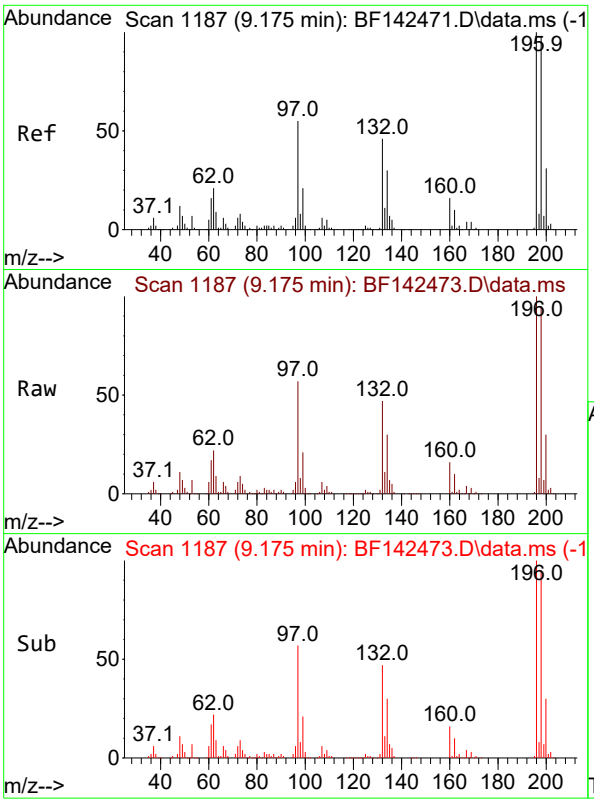


#42
2,4,6-Tribromophenol
Concen: 117.621 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:330 Resp: 244491

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.6	116.4
141	29.6	24.6	36.8



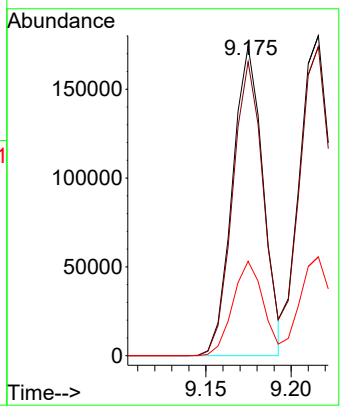


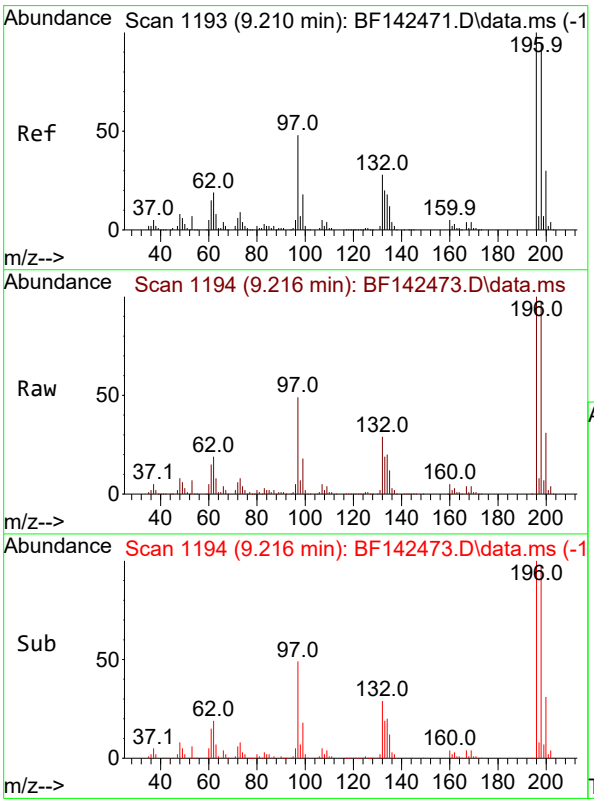
#43
2,4,6-Trichlorophenol
Concen: 60.098 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 217868

Ion	Ratio	Lower	Upper
196	100		
198	94.9	78.8	118.2
200	30.4	24.9	37.3

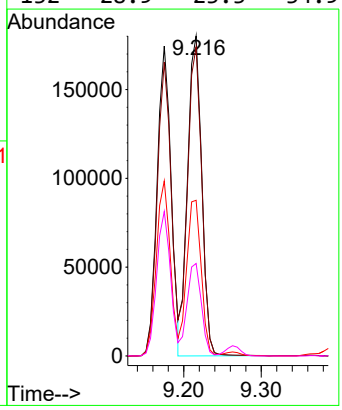


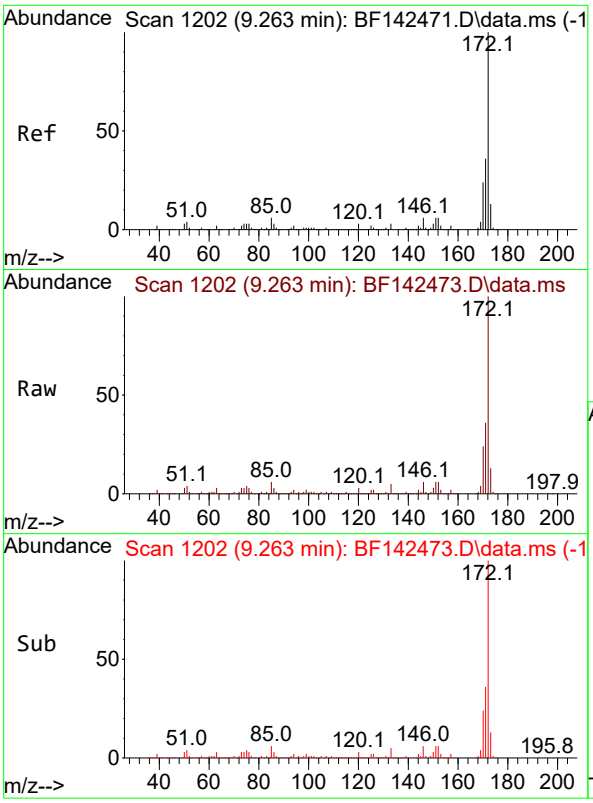


#44
2,4,5-Trichlorophenol
Concen: 59.916 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:196 Resp: 229079

Ion	Ratio	Lower	Upper
196	100		
198	96.6	75.5	113.3
97	48.6	39.3	58.9
132	28.9	23.3	34.9



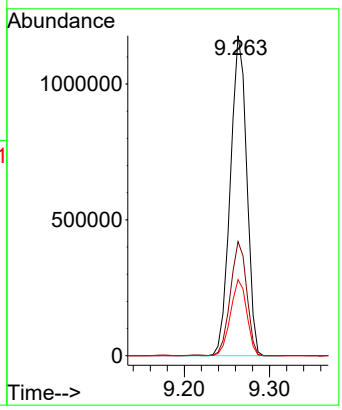


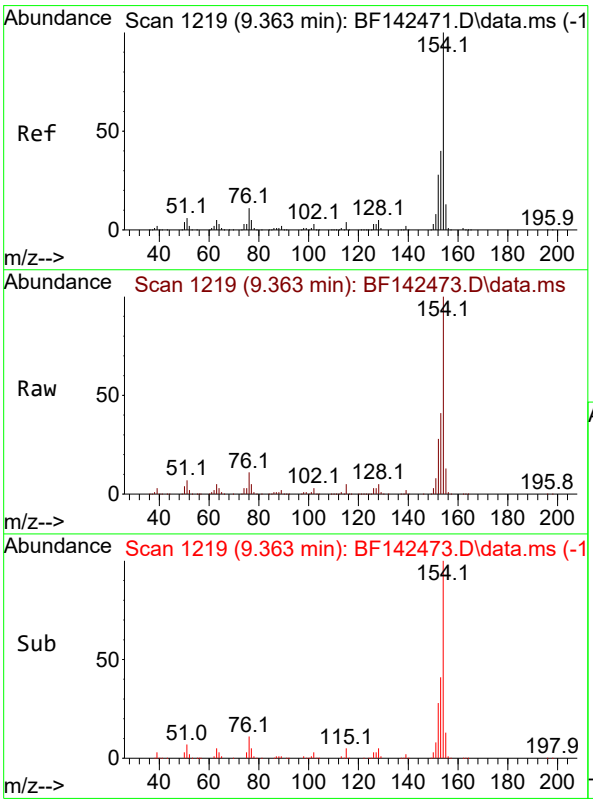
#45
2-Fluorobiphenyl
Concen: 112.426 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1569136

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.7	18.9	28.3

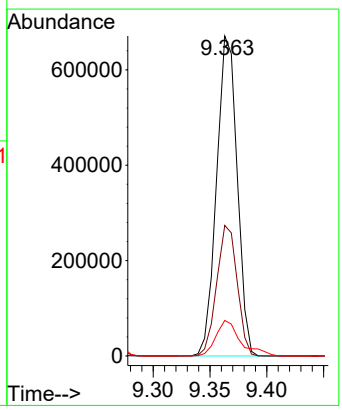


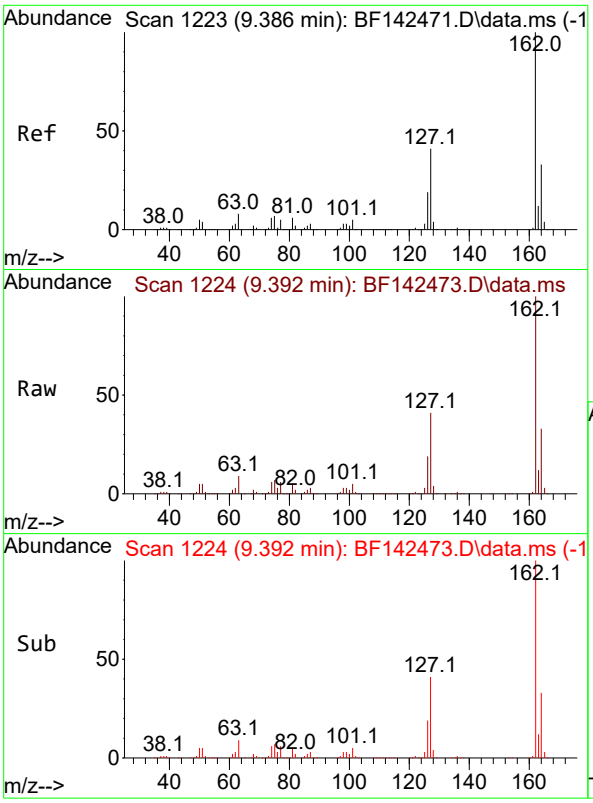


#46
1,1'-Biphenyl
Concen: 58.279 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 846783

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	11.1	0.0	30.8



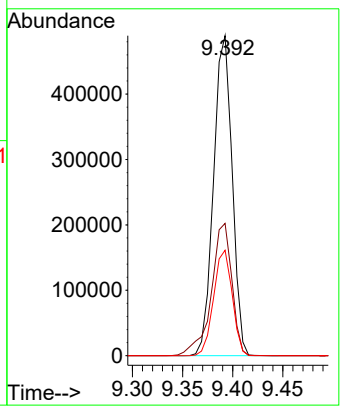


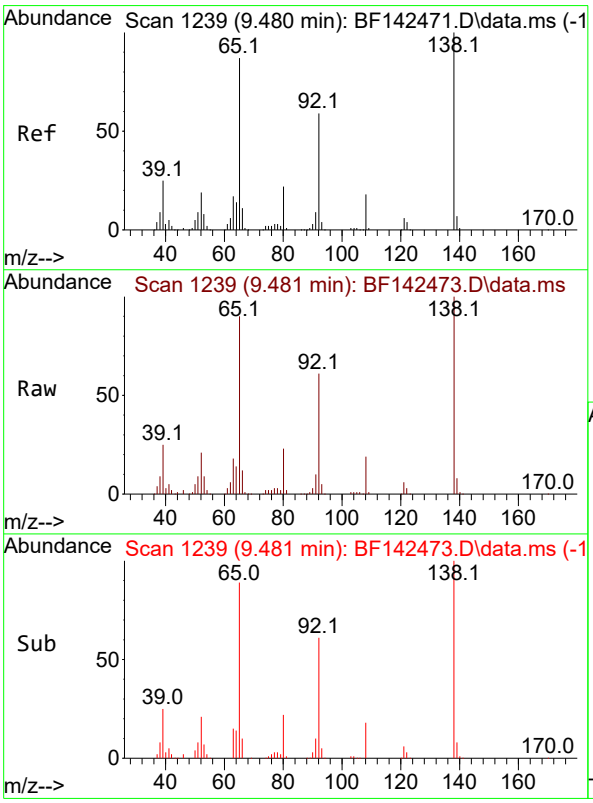
#47
2-Chloronaphthalene
Concen: 58.746 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 630647

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.5	50.3
164	33.0	26.1	39.1

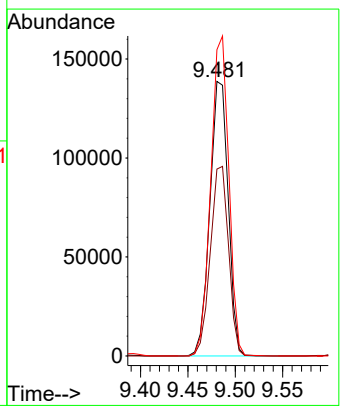


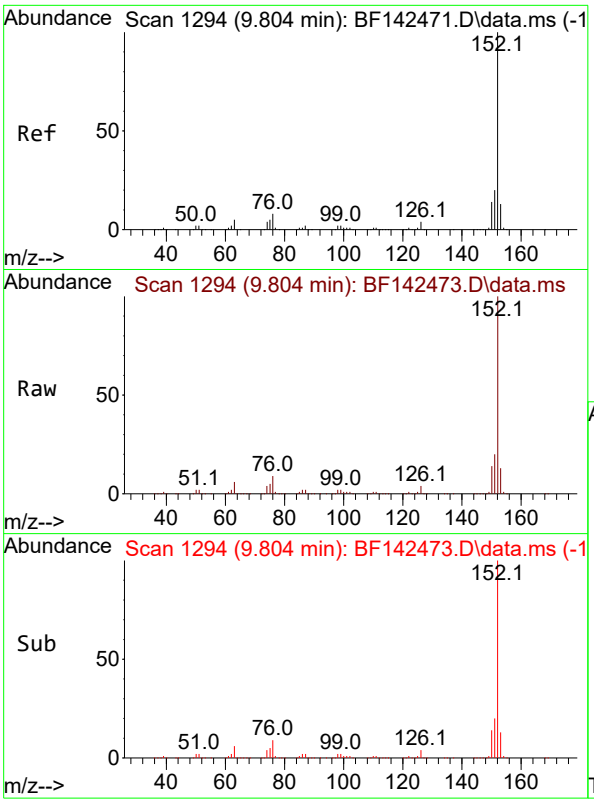


#48
2-Nitroaniline
Concen: 60.093 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion: 65 Resp: 186466

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	111.5	91.4	137.2



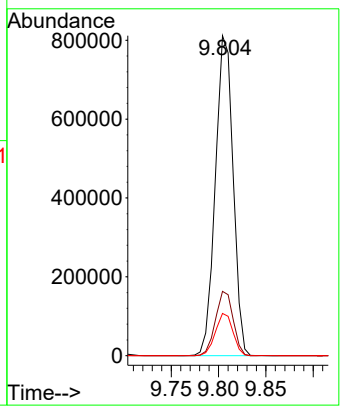


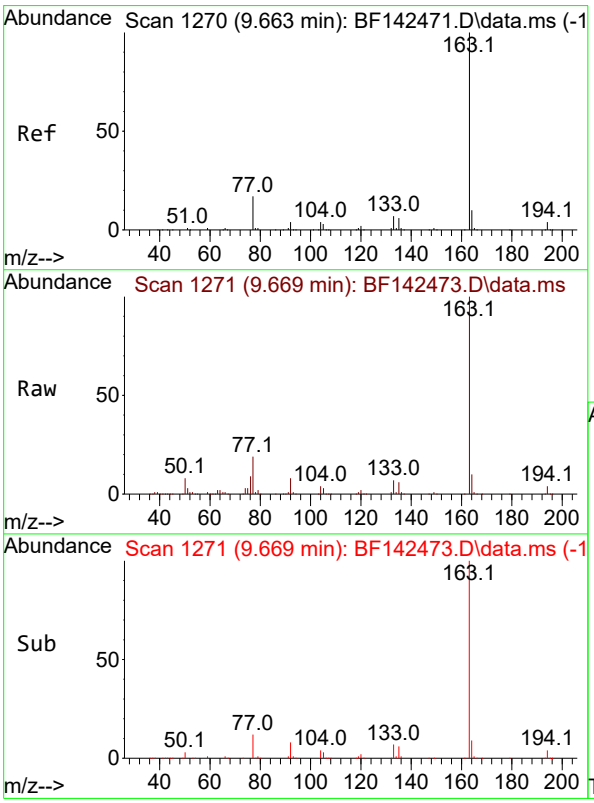
#49
Acenaphthylene
Concen: 58.411 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1058826

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.2	10.6	15.8

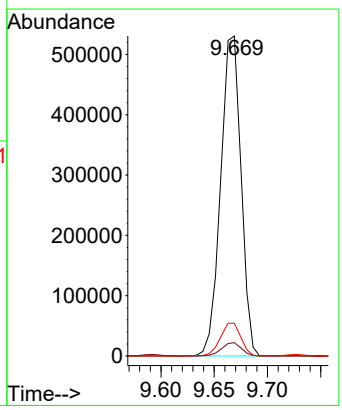


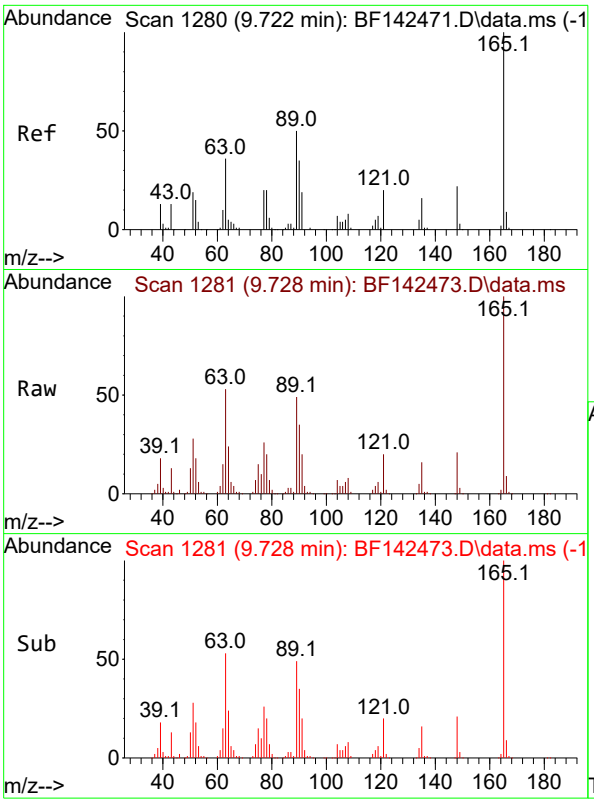


#50
Dimethylphthalate
Concen: 57.119 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:163 Resp: 705857

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.2	12.4



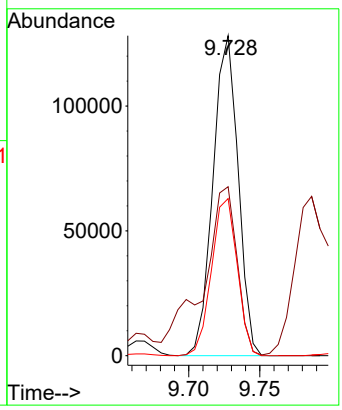


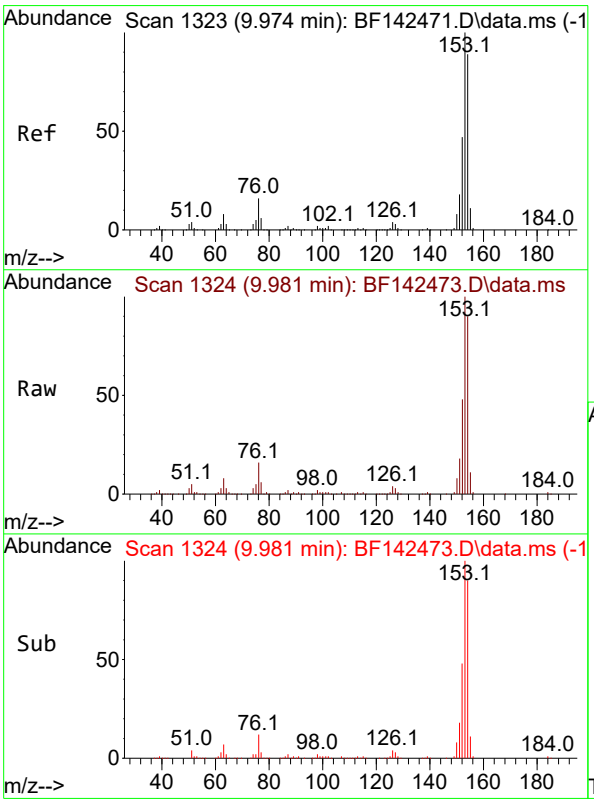
#51
2,6-Dinitrotoluene
Concen: 59.195 ng
RT: 9.728 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 157884

Ion	Ratio	Lower	Upper
165	100		
63	52.8	42.9	64.3
89	49.1	40.2	60.4

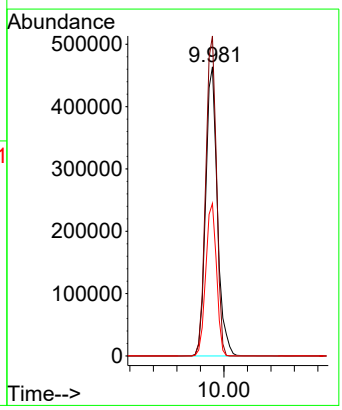


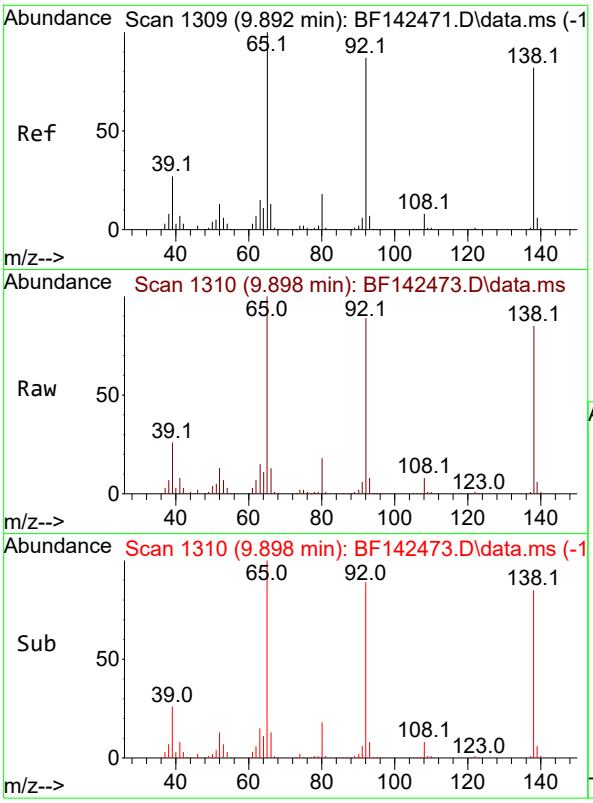


#52
Acenaphthene
Concen: 58.160 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:154 Resp: 643773

Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.0	135.0
152	52.8	42.6	64.0



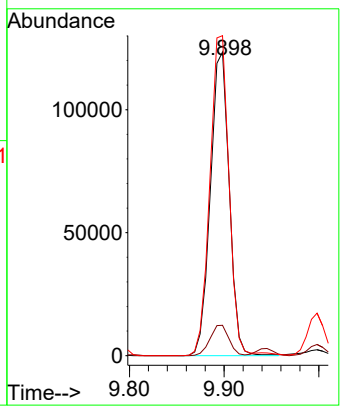


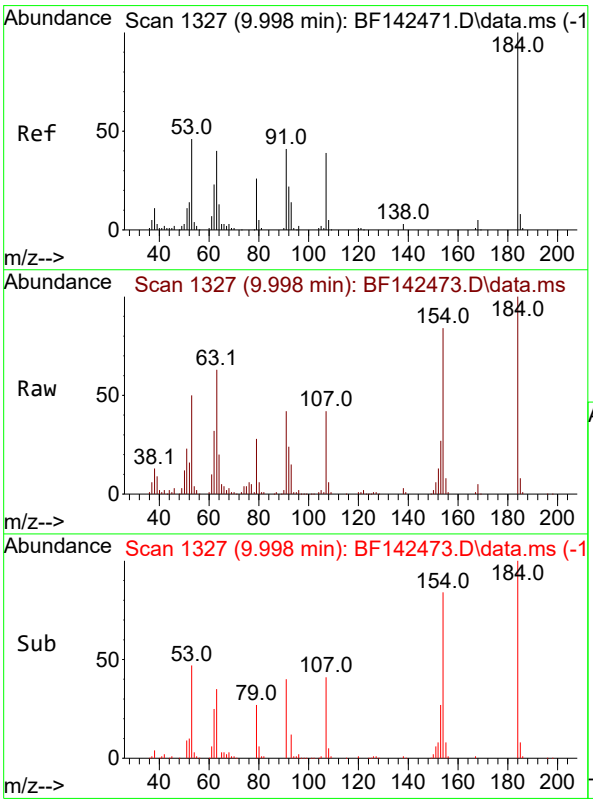
#53
3-Nitroaniline
Concen: 58.746 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 171137

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.1	12.1
92	105.4	85.2	127.8

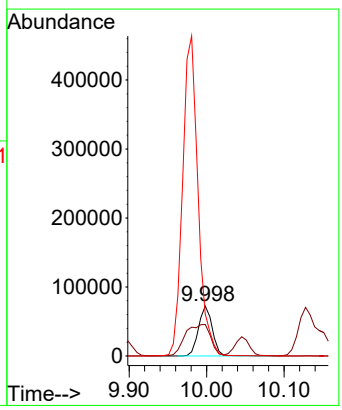


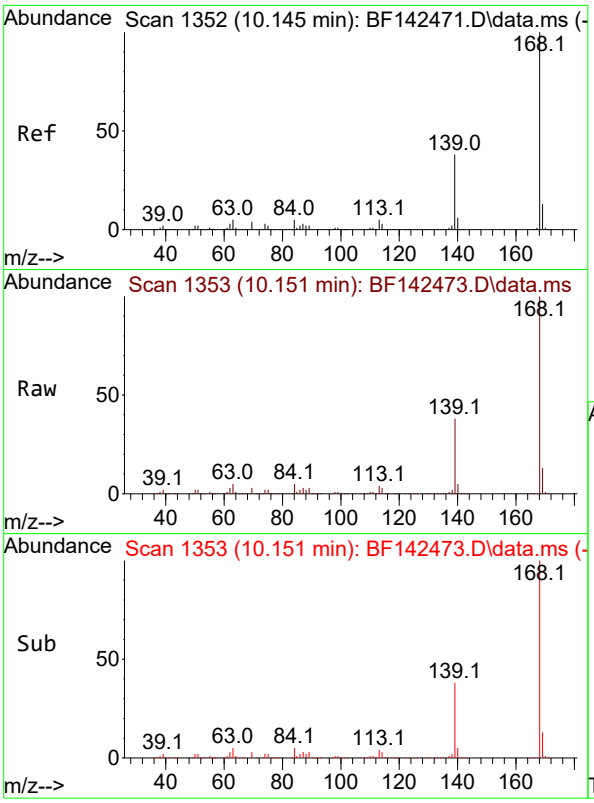


#54
2,4-Dinitrophenol
Concen: 65.126 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:184 Resp: 89741

Ion	Ratio	Lower	Upper
184	100		
63	63.3	46.3	69.5
154	84.0	56.8	85.2



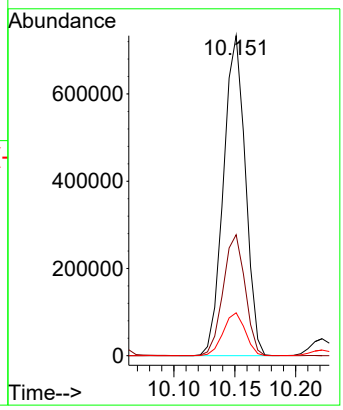


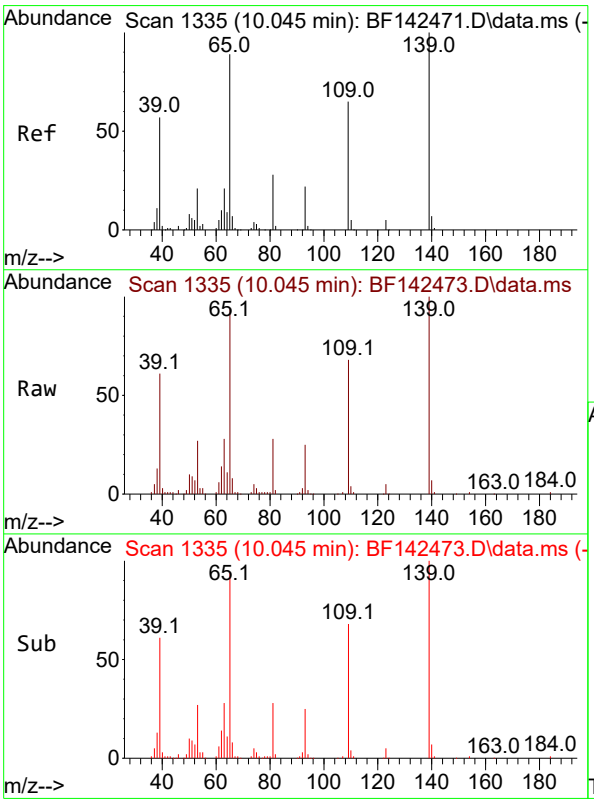
#55
Dibenzofuran
Concen: 57.677 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 918703

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.4	10.7	16.1

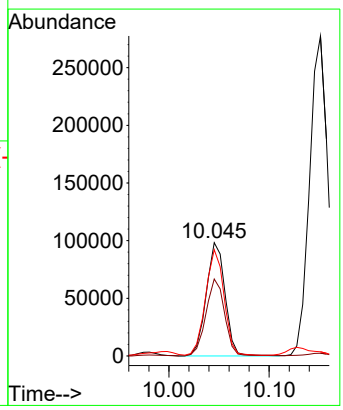


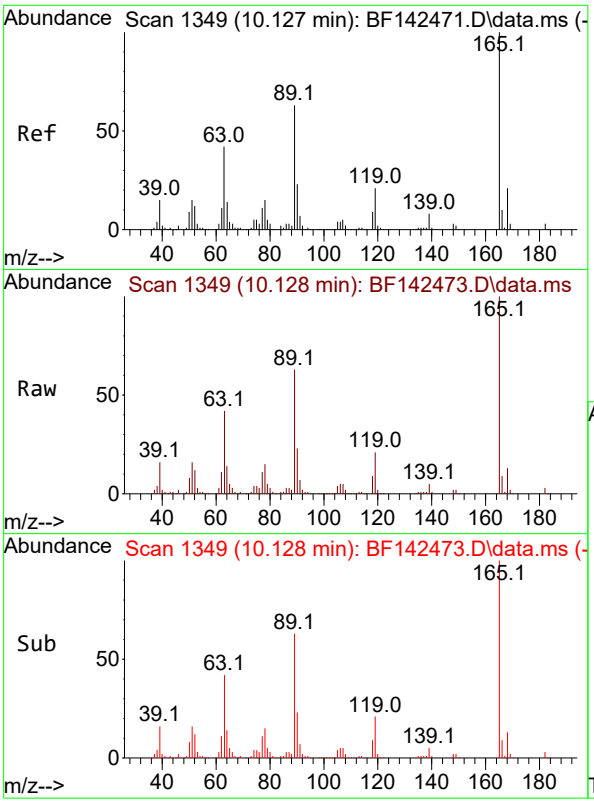


#56
4-Nitrophenol
Concen: 59.782 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:139 Resp: 128501

Ion	Ratio	Lower	Upper
139	100		
109	67.9	45.1	85.1
65	93.8	69.7	109.7



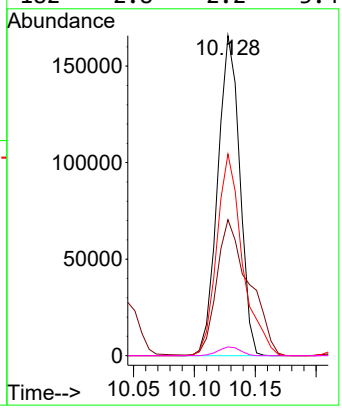


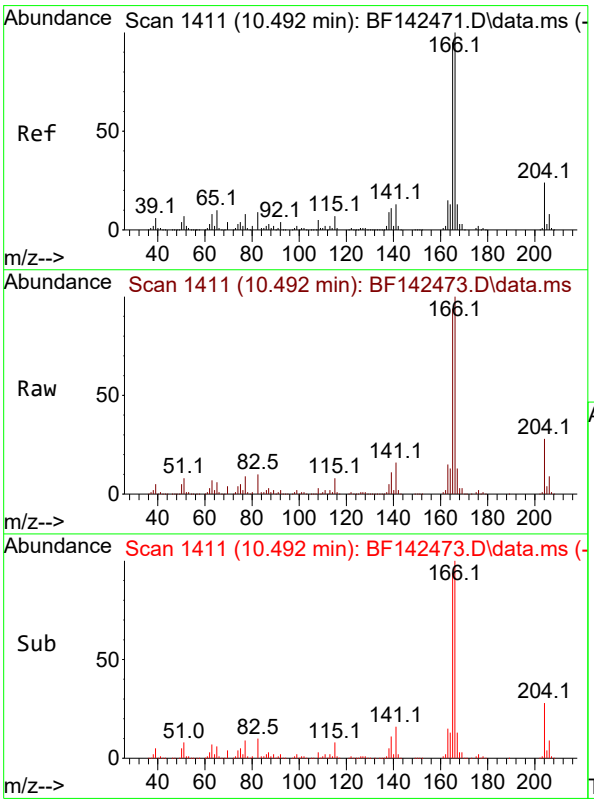
#57
2,4-Dinitrotoluene
Concen: 60.012 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 209035

Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.6	50.4
89	63.0	50.2	75.4
182	2.8	2.2	3.4

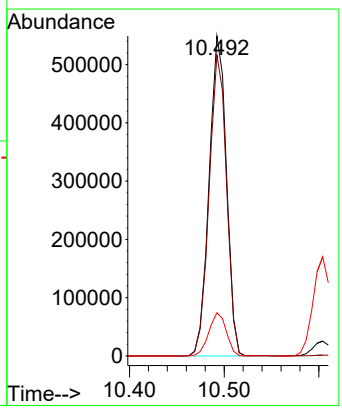


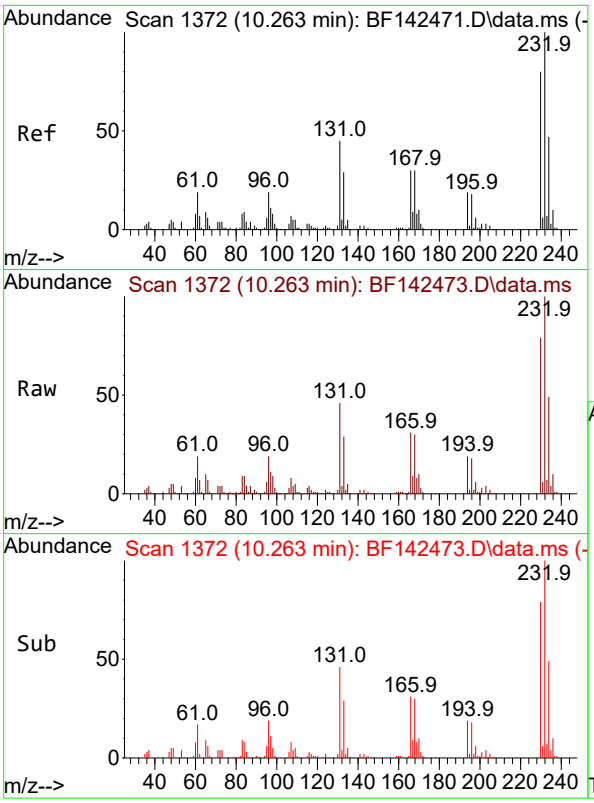


#58
Fluorene
Concen: 56.516 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:166 Resp: 695462

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.8	113.8
167	13.5	10.6	16.0



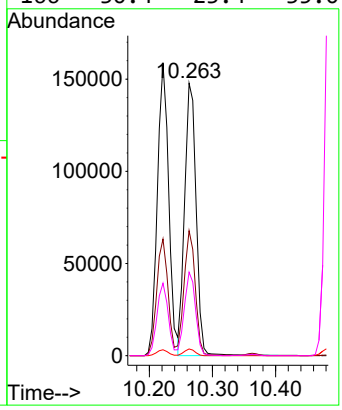


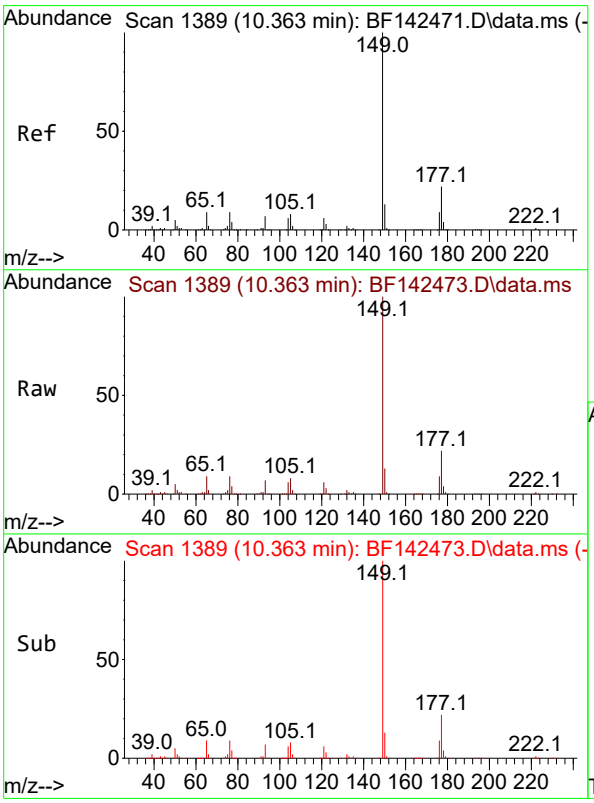
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.609 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 187067

Ion	Ratio	Lower	Upper
232	100		
131	45.0	35.2	52.8
130	2.4	1.7	2.5
166	30.4	23.4	35.0

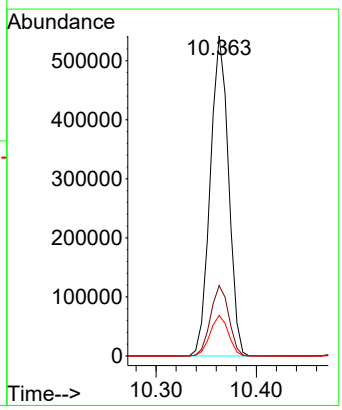


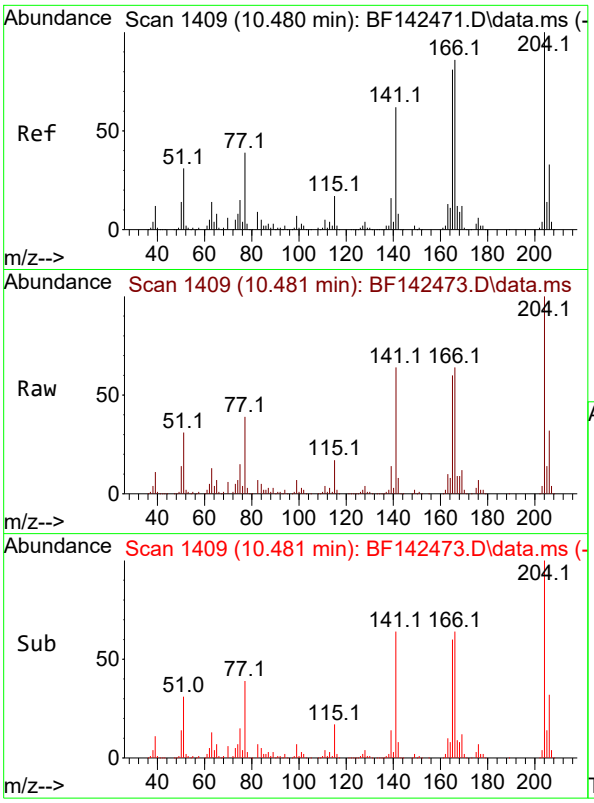


#60
Diethylphthalate
Concen: 56.695 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 684259

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.6	10.1	15.1



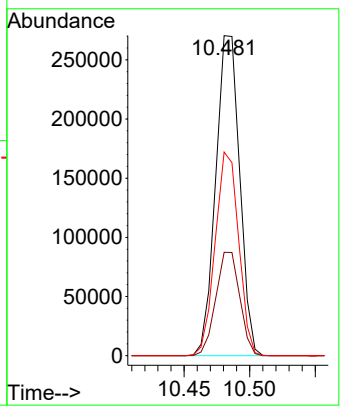


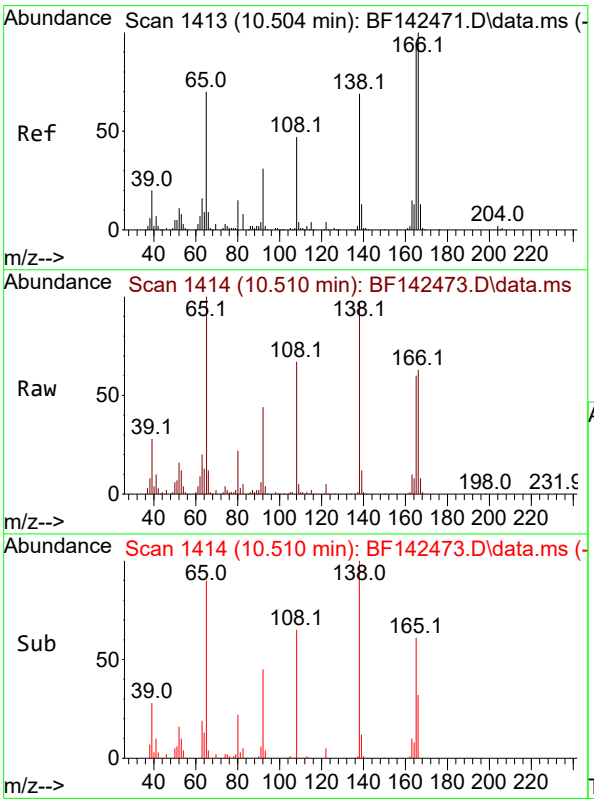
#61
4-Chlorophenyl-phenylether
Concen: 56.880 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 343838

Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	63.7	49.5	74.3

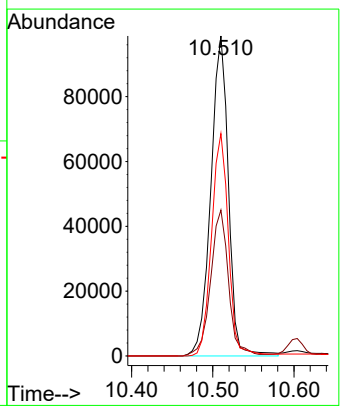


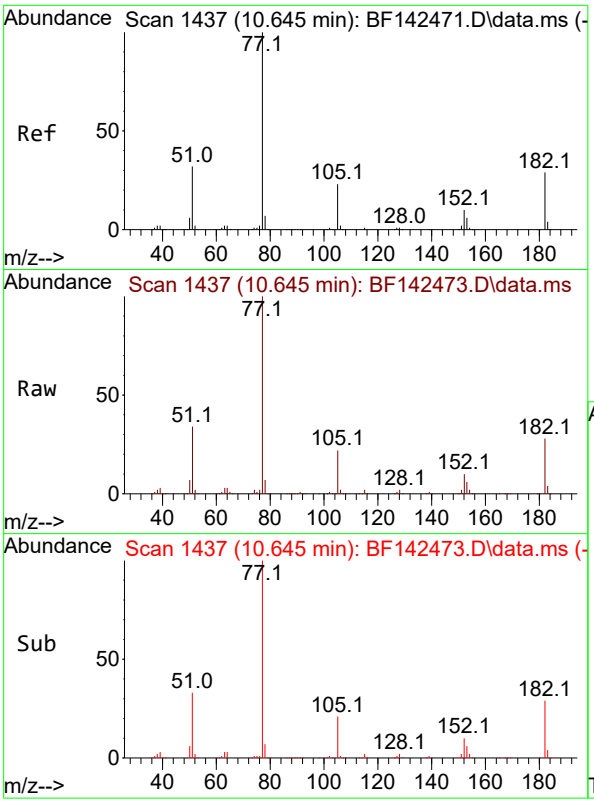


#62
4-Nitroaniline
Concen: 56.302 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:138 Resp: 148755

Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.0	66.0
108	69.5	48.4	88.4



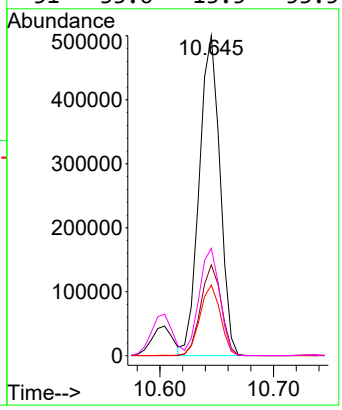


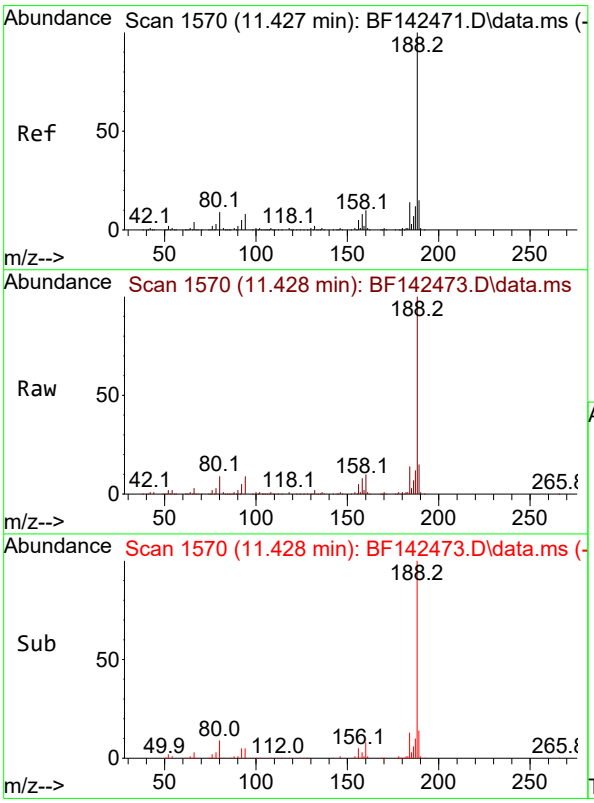
#63
Azobenzene
Concen: 58.221 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 631137

Ion	Ratio	Lower	Upper
77	100		
182	28.4	9.0	49.0
105	22.1	2.4	42.4
51	33.6	13.5	53.5

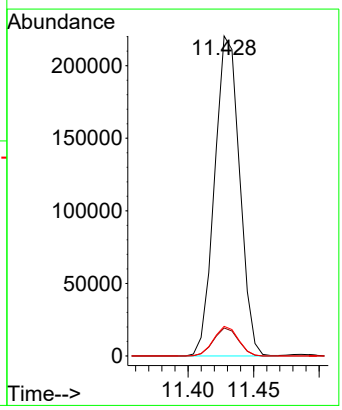


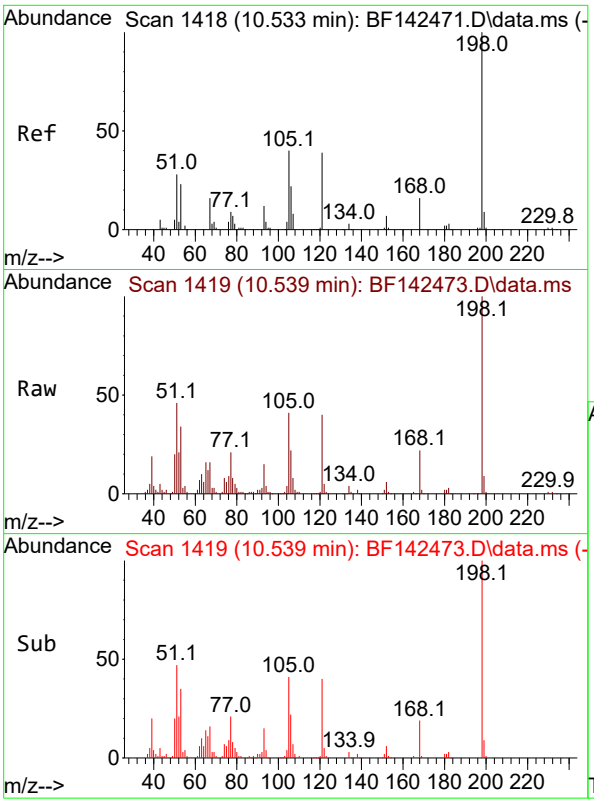


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:188 Resp: 292190

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.2	7.4	11.0



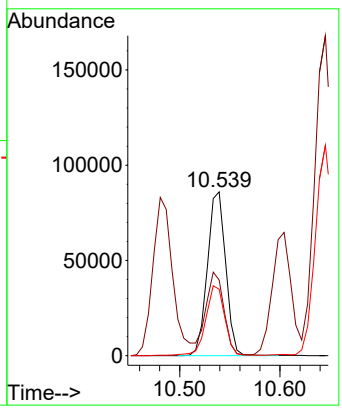


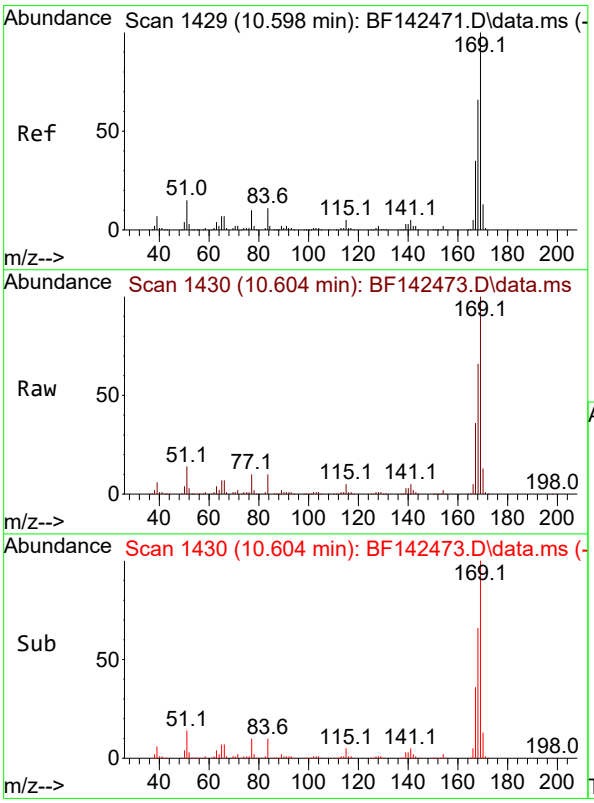
#65
4,6-Dinitro-2-methylphenol
Concen: 66.950 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 109172

Ion	Ratio	Lower	Upper
198	100		
51	46.2	28.3	68.3
105	40.5	21.3	61.3

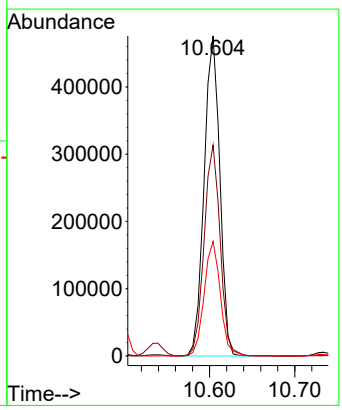


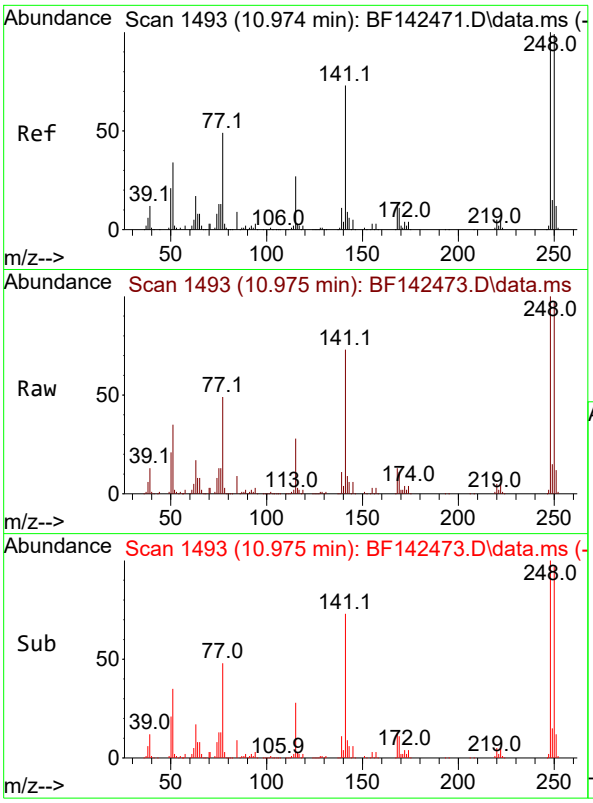


#66
n-Nitrosodiphenylamine
Concen: 60.861 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:169 Resp: 608394

Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.7	79.1
167	35.8	28.3	42.5



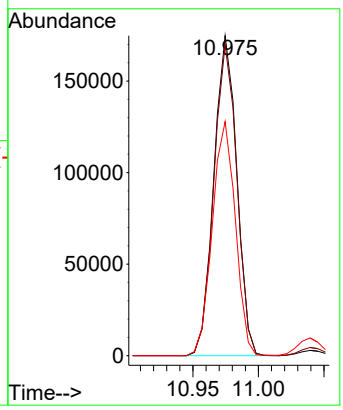


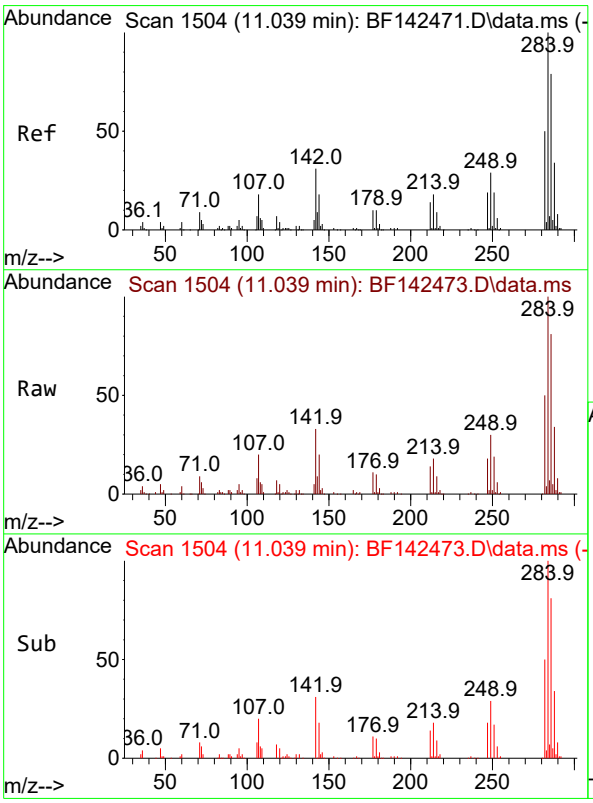
#67
4-Bromophenyl-phenylether
Concen: 61.546 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 212638

Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.0	118.4
141	73.2	58.4	87.6

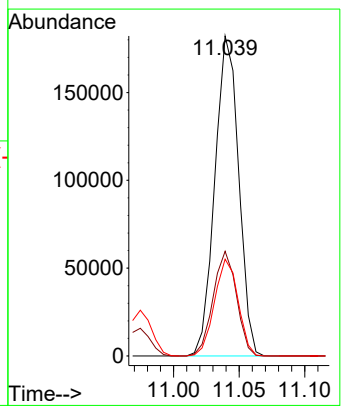


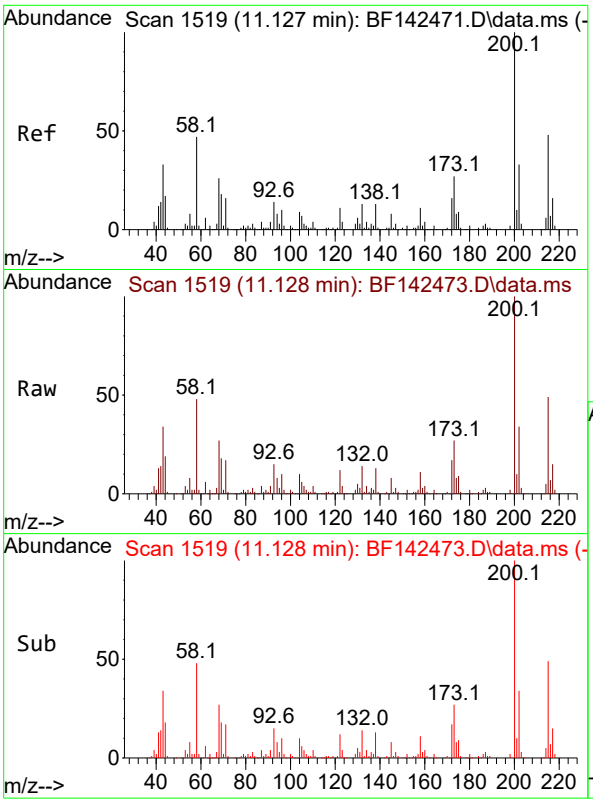


#68
Hexachlorobenzene
Concen: 60.168 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:284 Resp: 229917

Ion	Ratio	Lower	Upper
284	100		
142	32.7	24.8	37.2
249	30.2	23.6	35.4



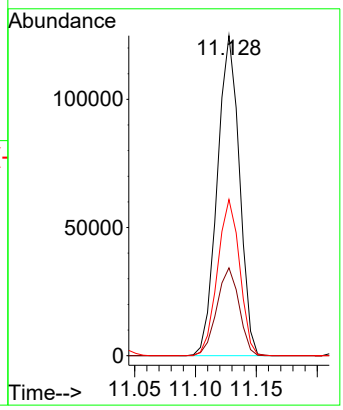


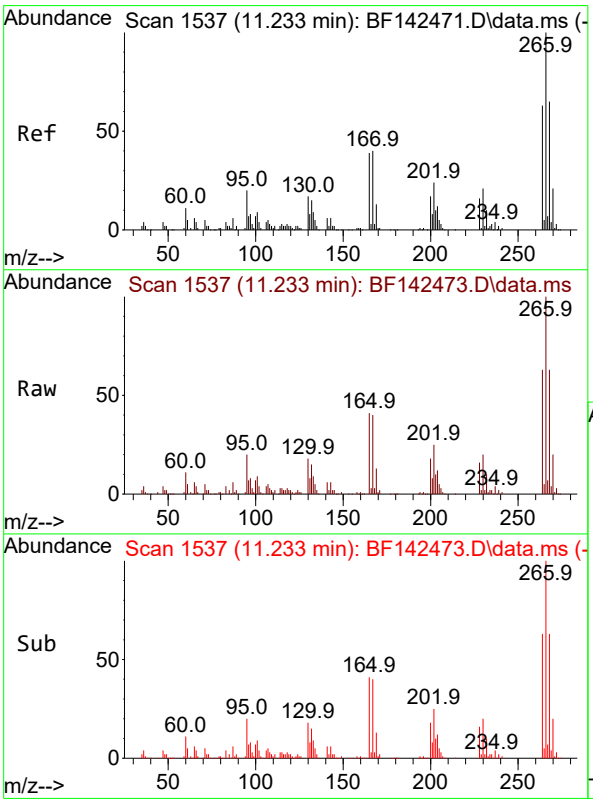
#69
Atrazine
Concen: 59.604 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 158234

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.8	28.5	68.5

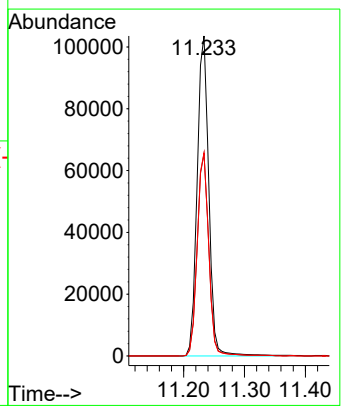


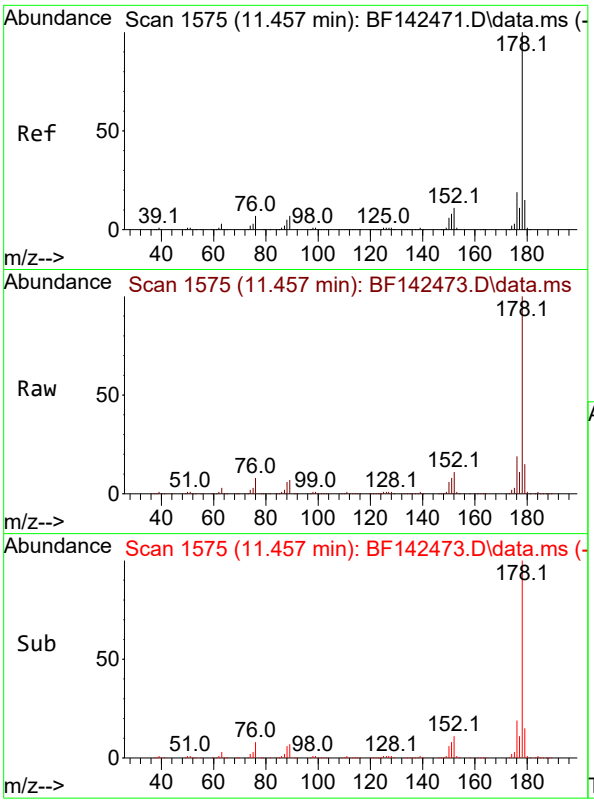


#70
Pentachlorophenol
Concen: 63.663 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:266 Resp: 137347

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	63.4	50.4	75.6



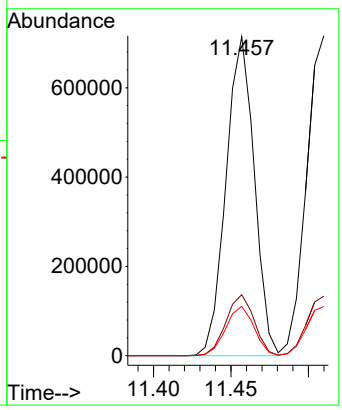


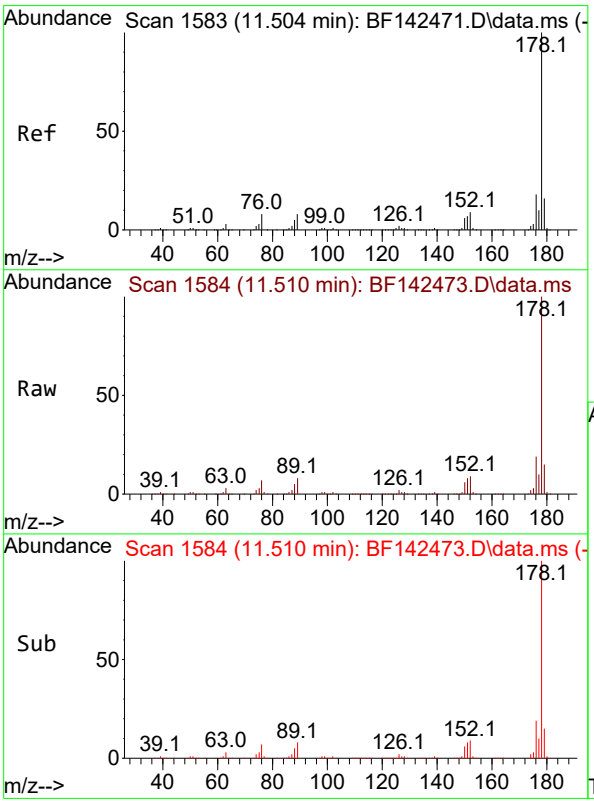
#71
Phenanthrene
Concen: 57.961 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 905073

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.3	18.5

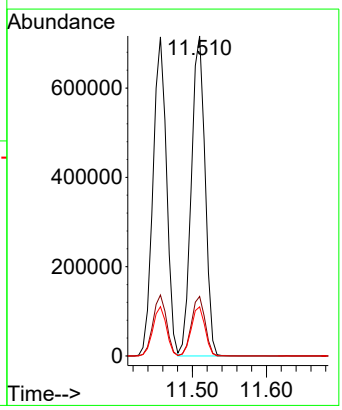


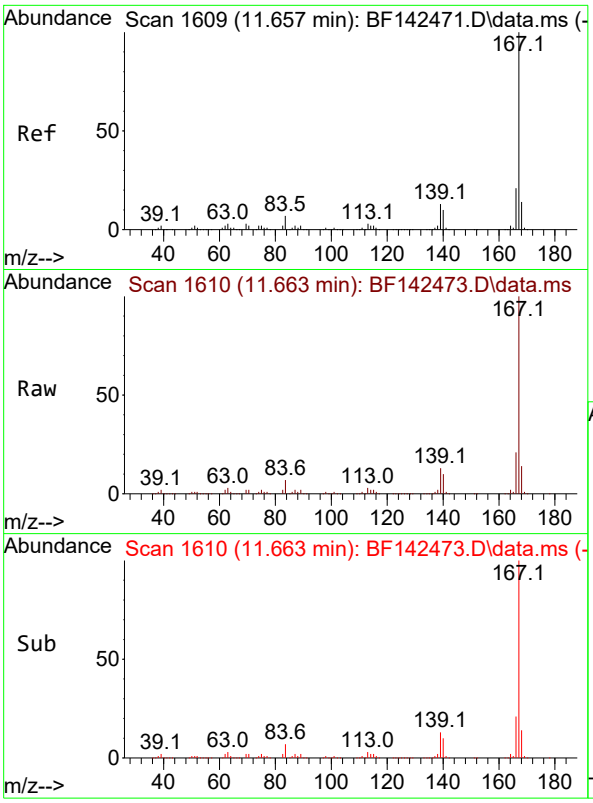


#72
Anthracene
Concen: 57.627 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:178 Resp: 918369

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	12.4	18.6



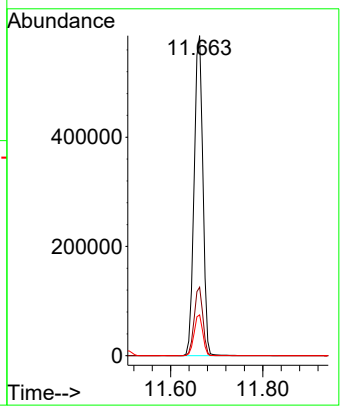


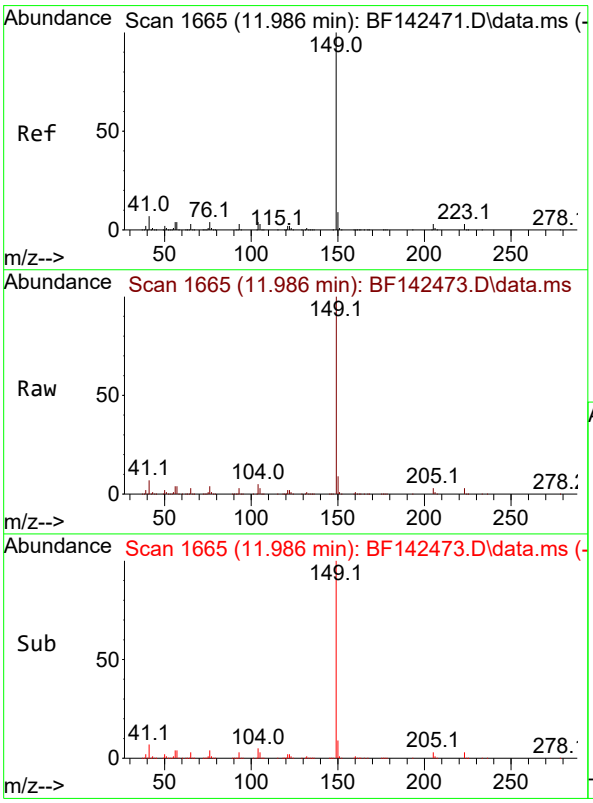
#73
Carbazole
Concen: 56.455 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 769151

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.8	10.2	15.4

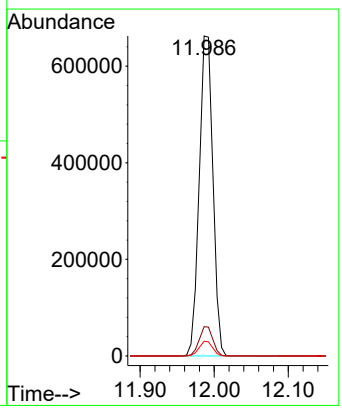


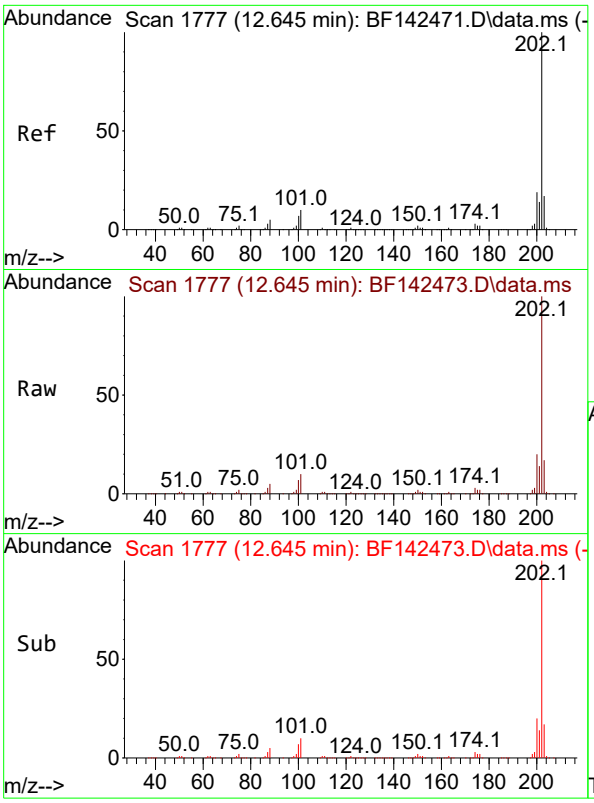


#74
Di-n-butylphthalate
Concen: 57.234 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 853524

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.6	3.6	5.4



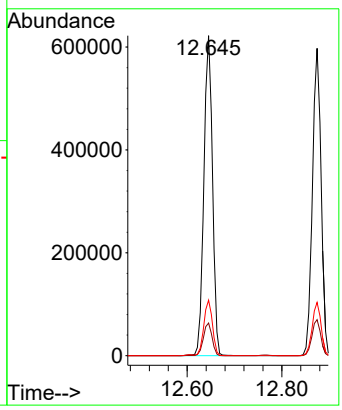


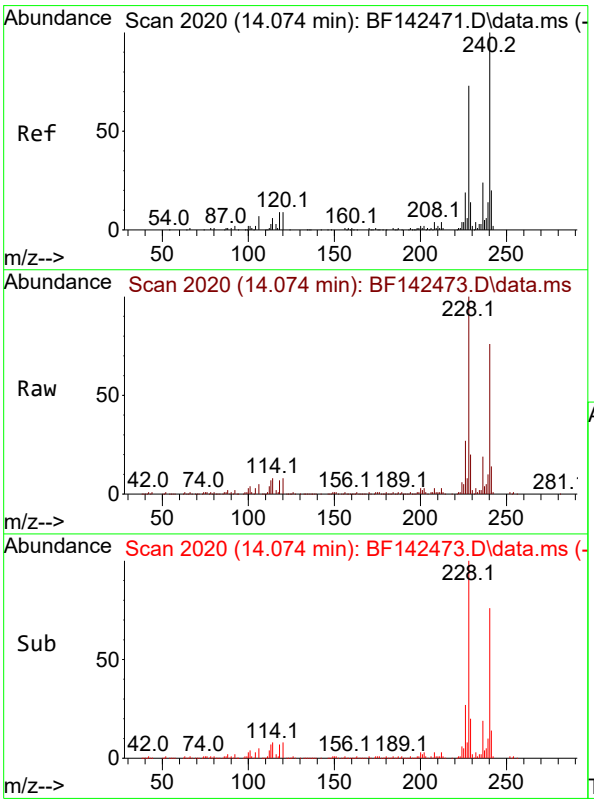
#75
Fluoranthene
Concen: 54.112 ng
RT: 12.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 789533

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.3	0.0	37.2

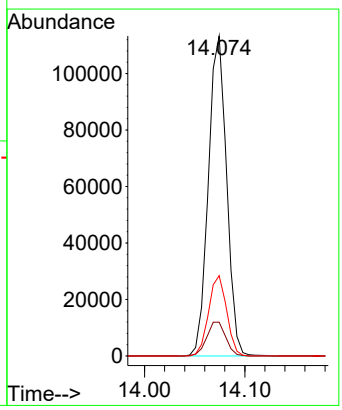


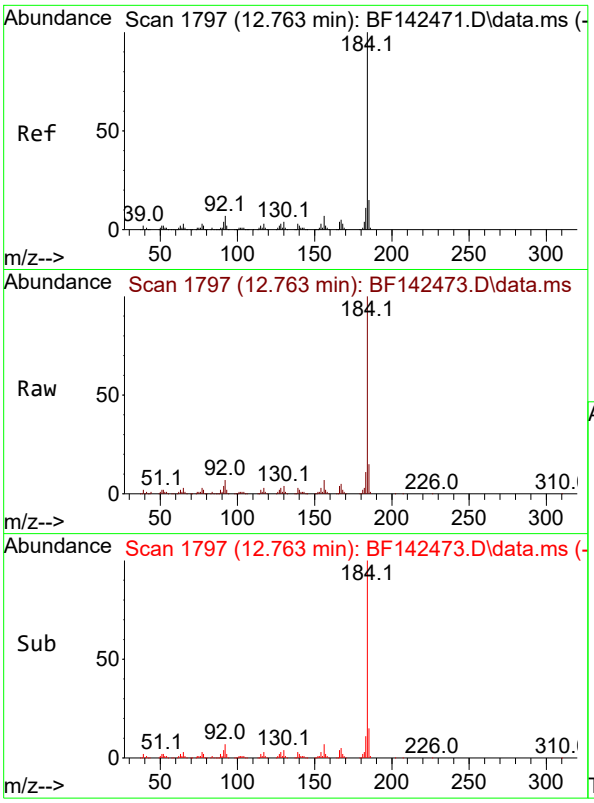


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:240 Resp: 143579

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.5	11.3
236	25.1	19.6	29.4



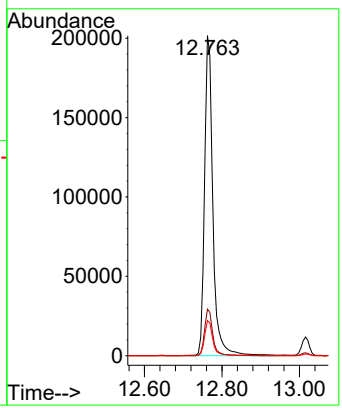


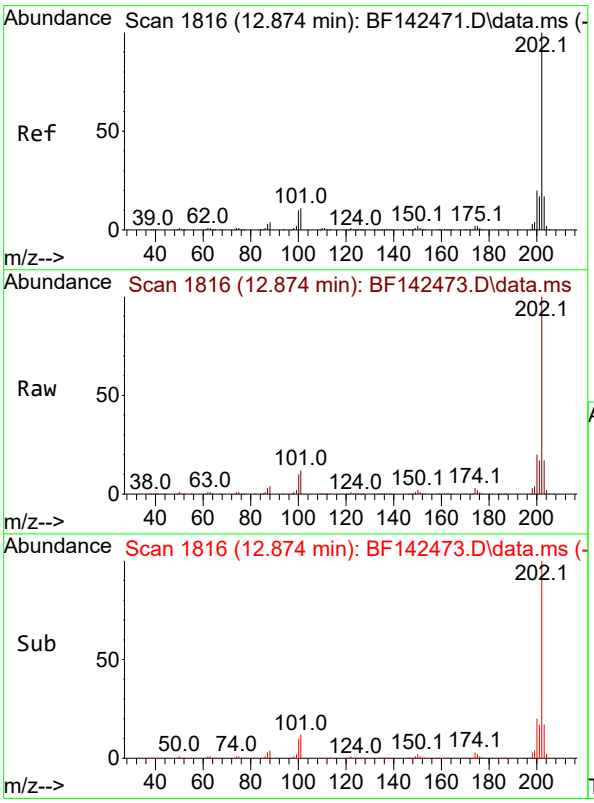
#77
Benzidine
Concen: 56.251 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 300547

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.0	9.0	13.4

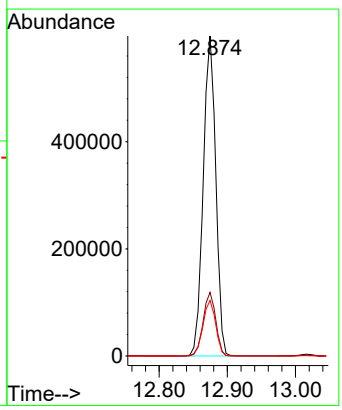


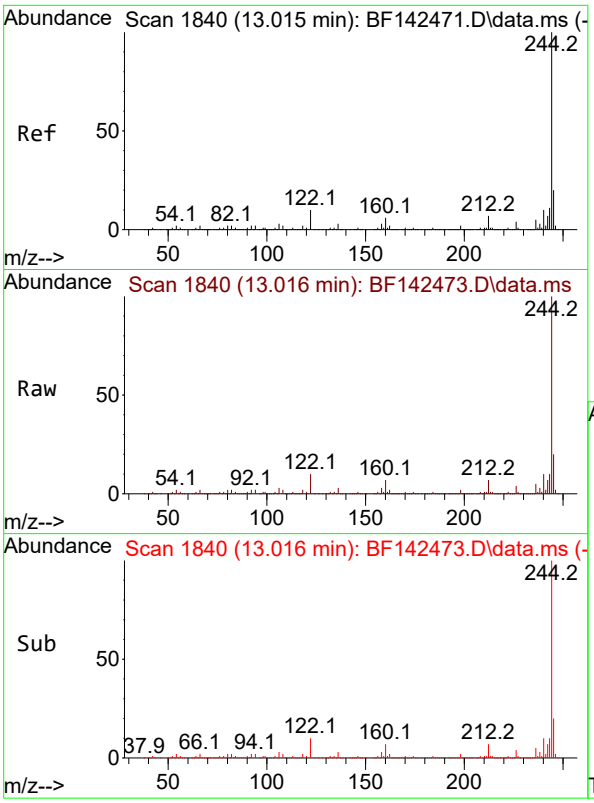


#78
Pyrene
Concen: 57.017 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:202 Resp: 763672

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.4	13.9	20.9



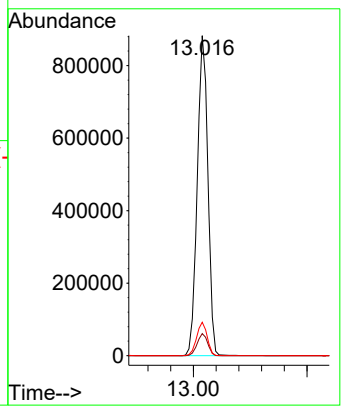


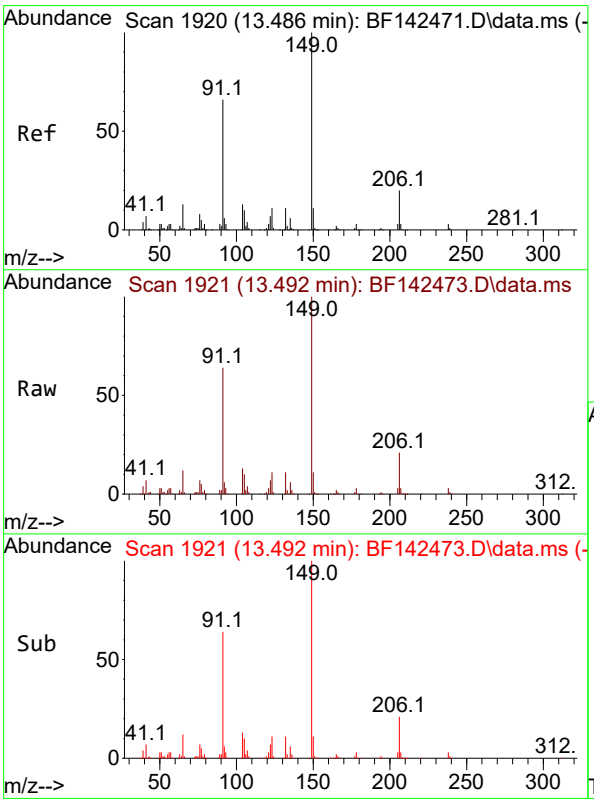
#79
Terphenyl-d14
Concen: 109.634 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1151893

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.3	7.9
122	10.4	8.2	12.2

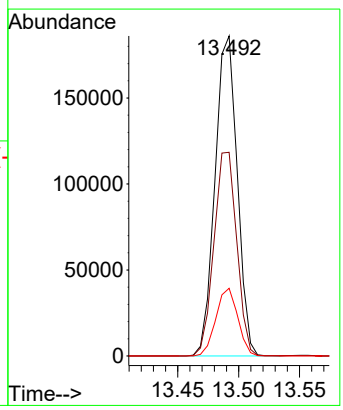


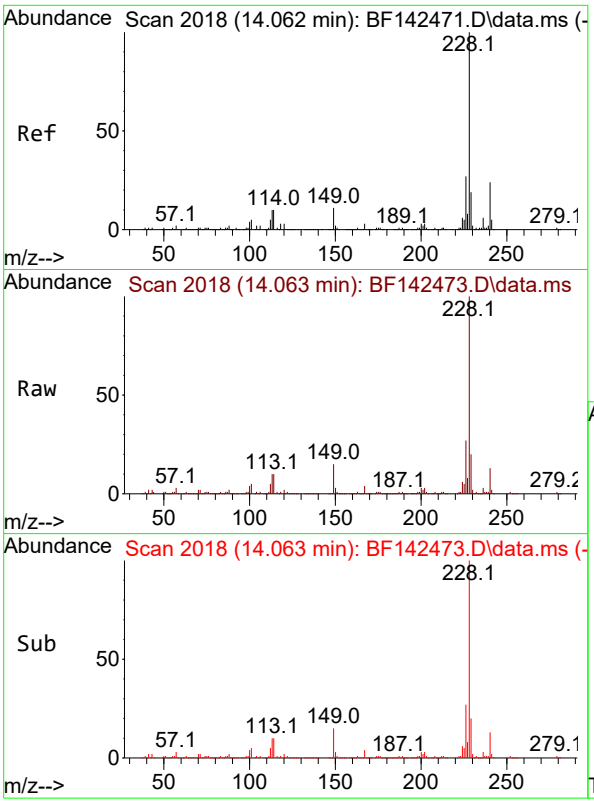


#80
Butylbenzylphthalate
Concen: 63.972 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 236758

Ion	Ratio	Lower	Upper
149	100		
91	63.7	52.9	79.3
206	21.2	16.2	24.2



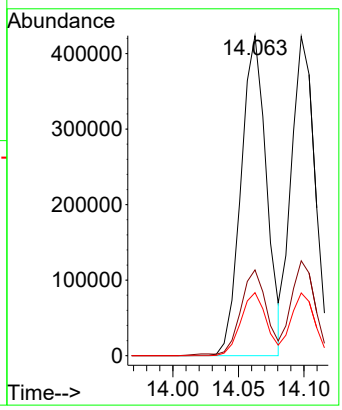


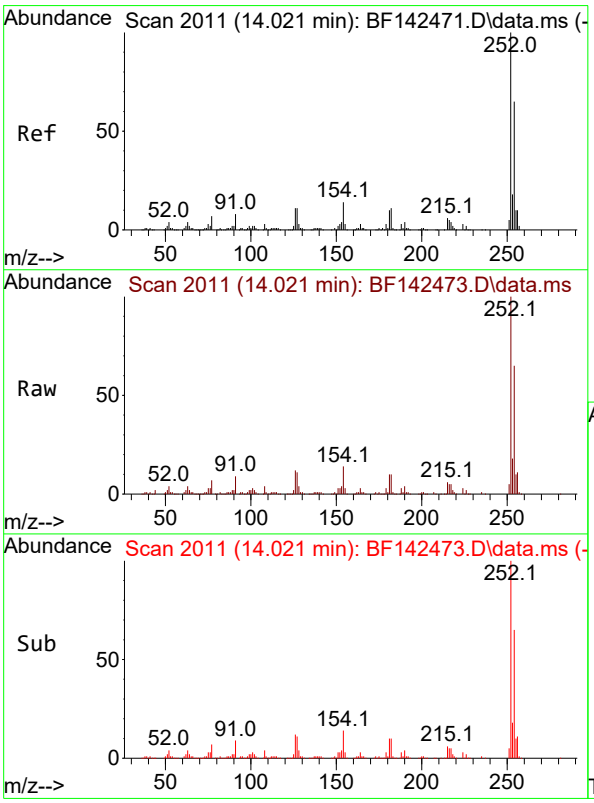
#81
Benzo(a)anthracene
Concen: 59.620 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 571607

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	19.7	15.5	23.3

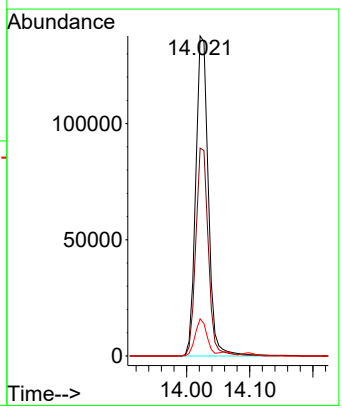


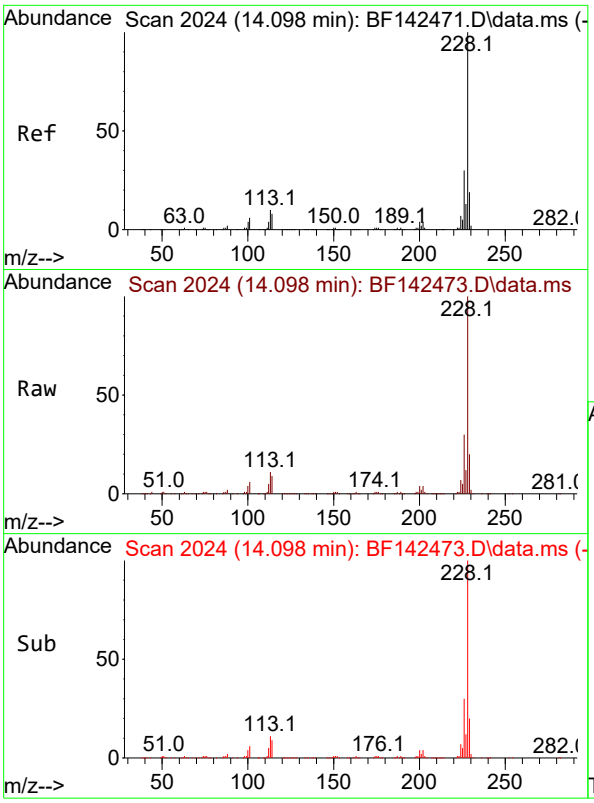


#82
3,3'-Dichlorobenzidine
Concen: 65.480 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 190415

Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.0	78.0
126	11.6	8.9	13.3



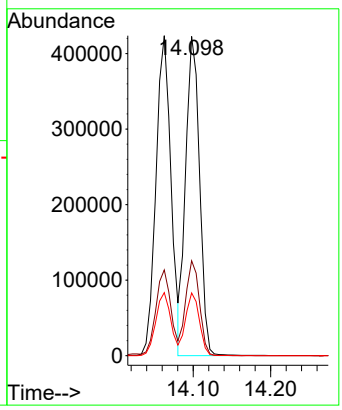


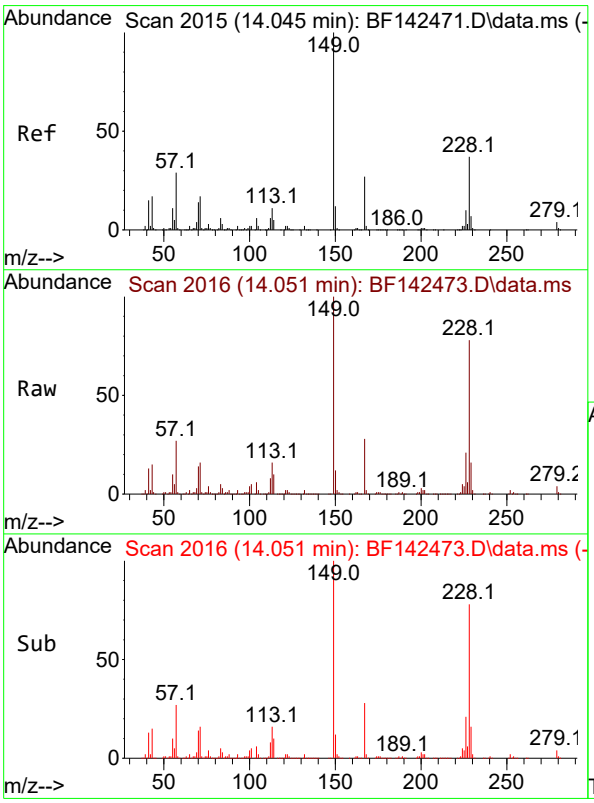
#83
Chrysene
Concen: 61.153 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 526831

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.6	15.4	23.2

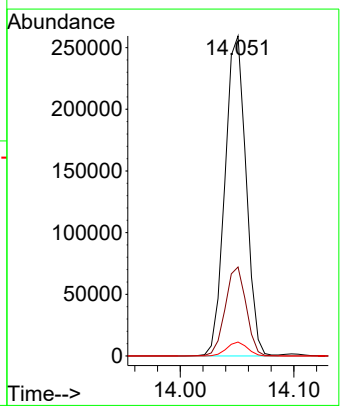


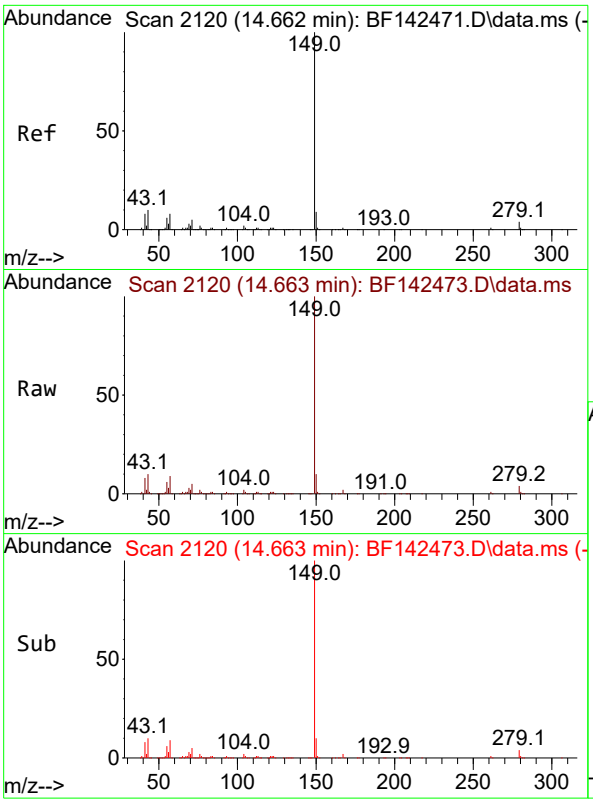


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.698 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:149 Resp: 334950

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.5	32.3
279	4.4	3.2	4.8



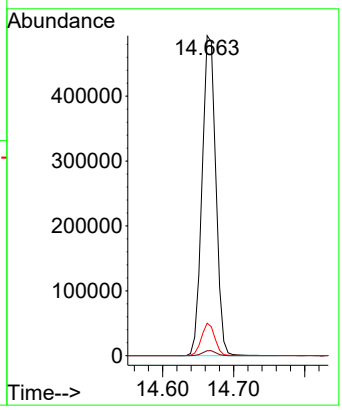


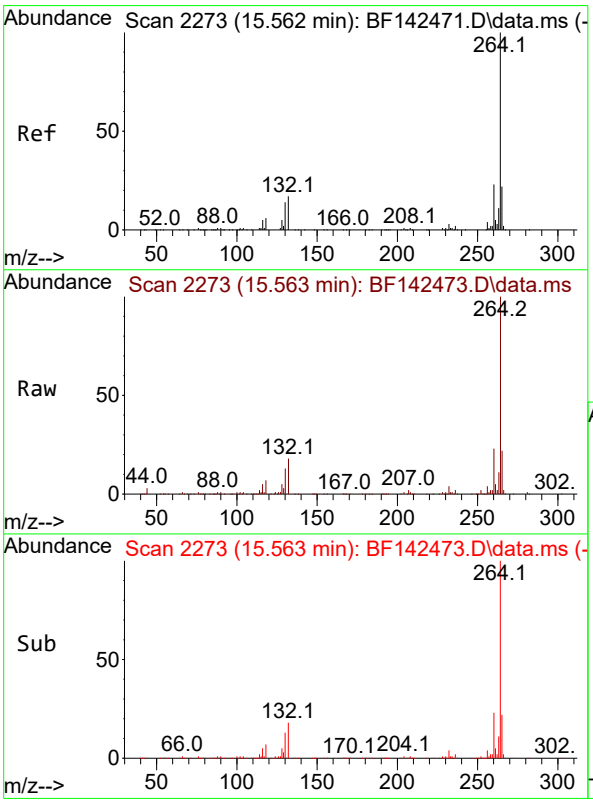
#85
Di-n-octyl phthalate
Concen: 71.701 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 664220

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

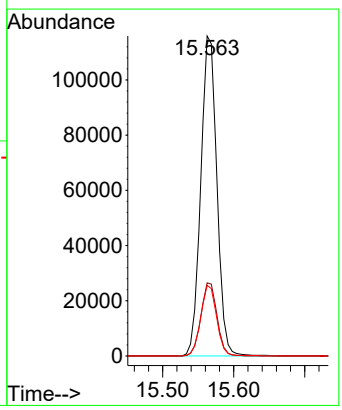


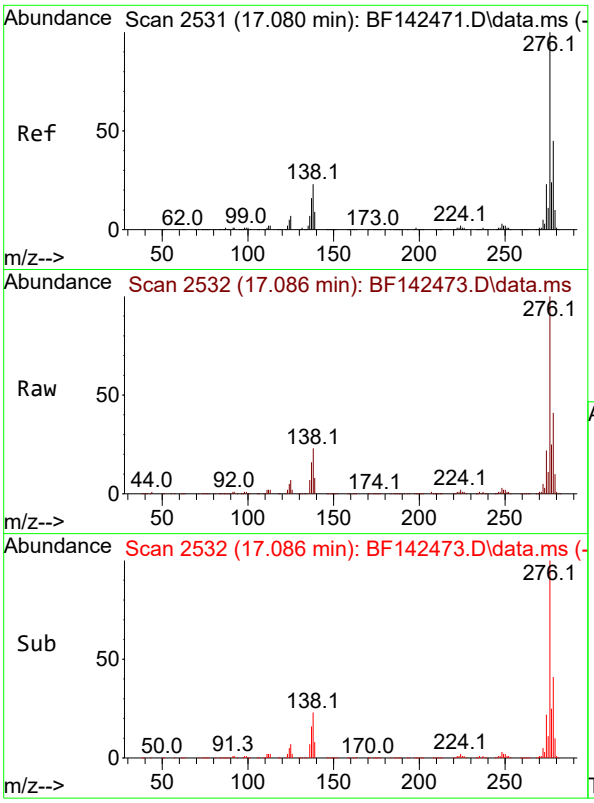


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:264 Resp: 183052

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	22.0	17.7	26.5



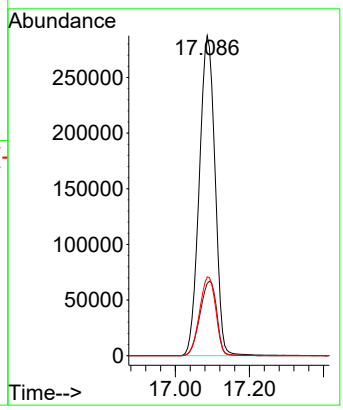


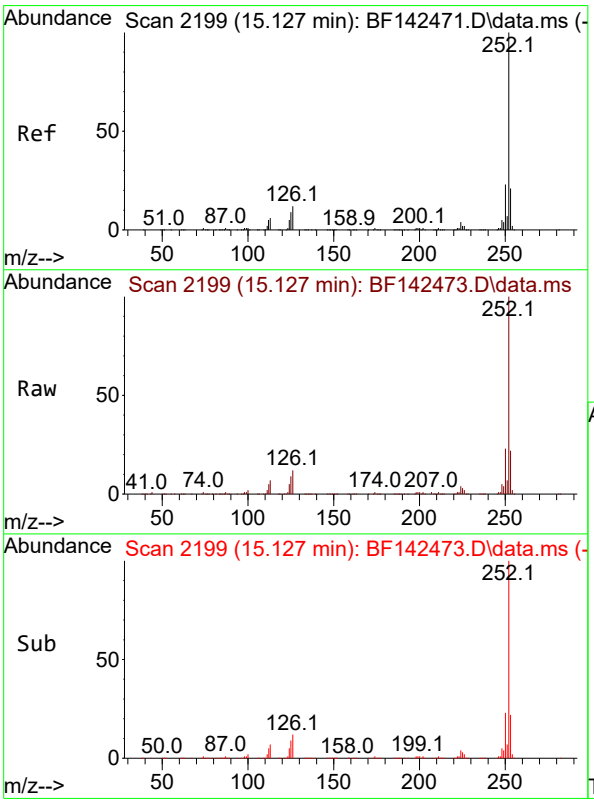
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.761 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 848752

Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.9	29.9
277	25.3	20.2	30.2

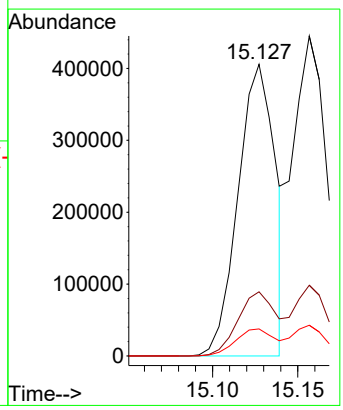


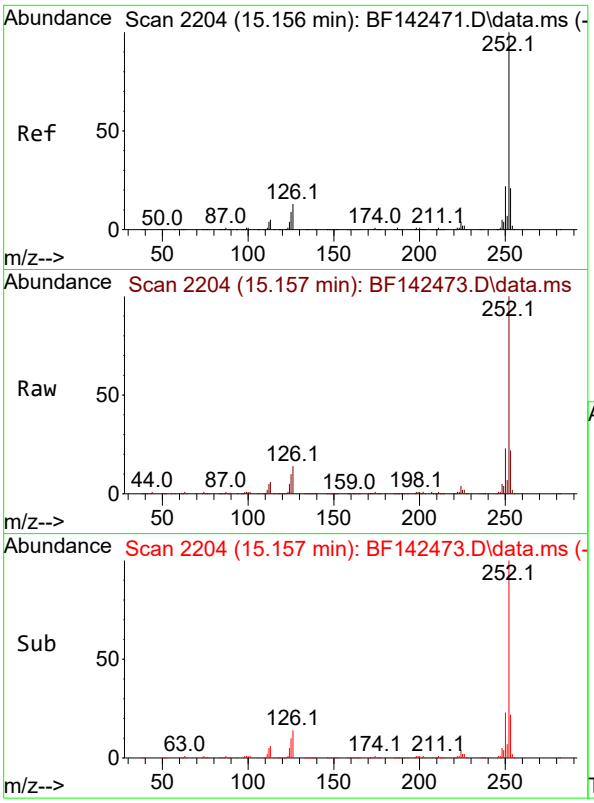


#88
Benzo(b)fluoranthene
Concen: 56.878 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 616210

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	9.3	7.4	11.0



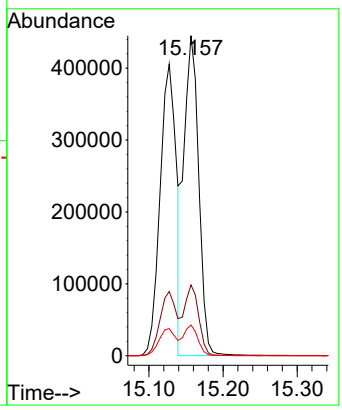


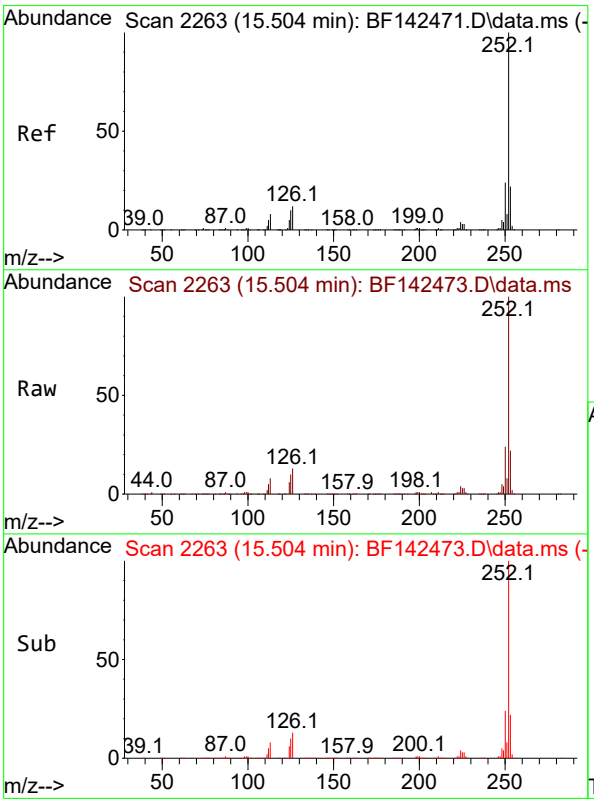
#89
Benzo(k)fluoranthene
Concen: 61.068 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 619660

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.6	7.3	10.9

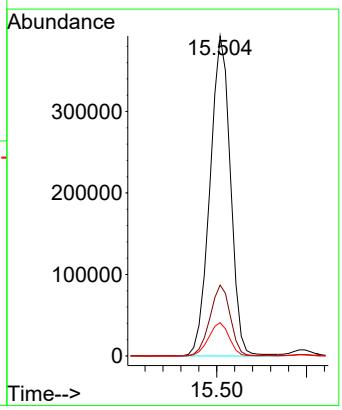


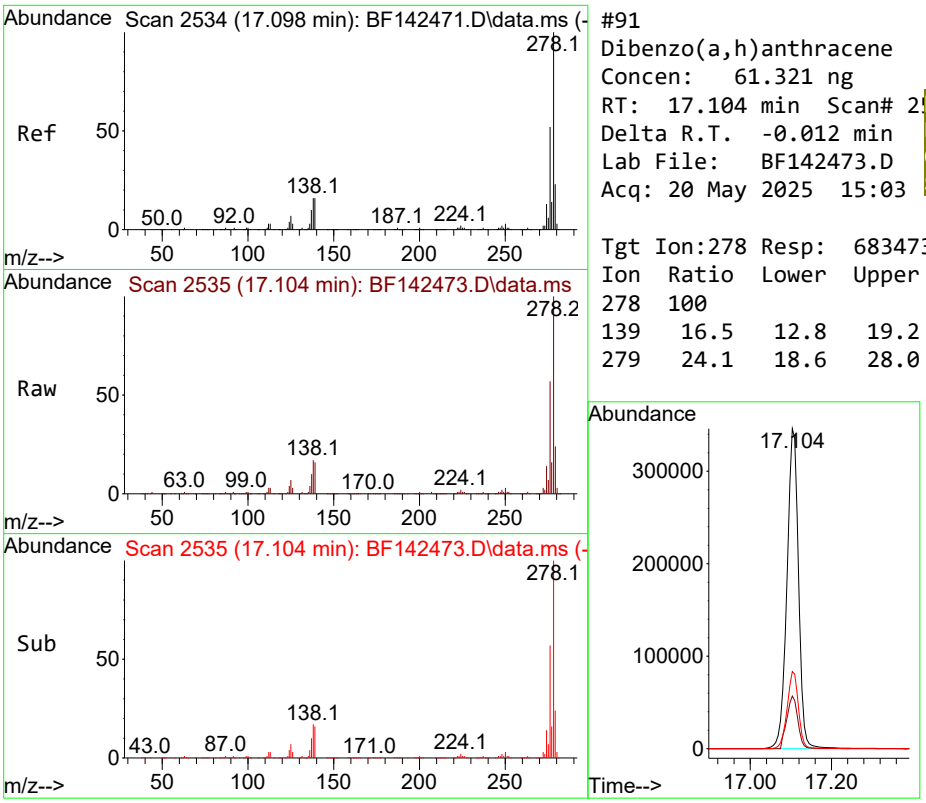


#90
Benzo(a)pyrene
Concen: 60.943 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:252 Resp: 622347

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.4	7.9	11.9



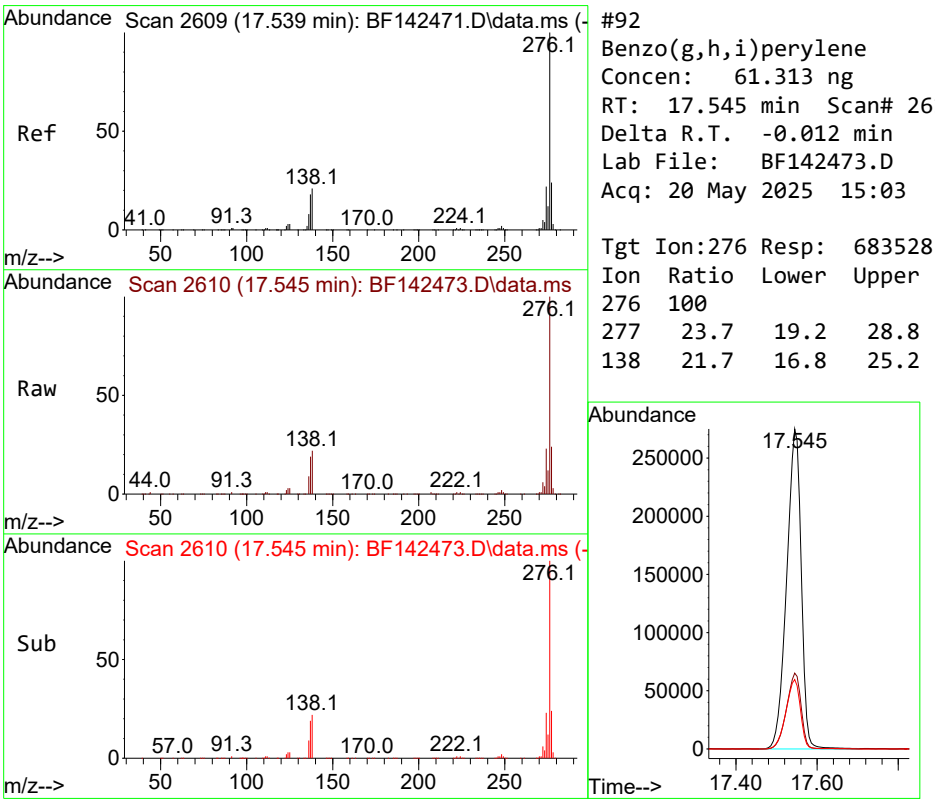


#91
Dibenzo(a,h)anthracene
Concen: 61.321 ng
RT: 17.104 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 683473

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	24.1	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 61.313 ng
RT: 17.545 min Scan# 2610
Delta R.T. -0.012 min
Lab File: BF142473.D
Acq: 20 May 2025 15:03

Tgt Ion:276 Resp: 683528

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.7	16.8	25.2

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	92899	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	358380	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	188198	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	287337	20.000	ng		0.00
76) Chrysene-d12	14.074	240	154555	20.000	ng		0.00
86) Perylene-d12	15.568	264	196342	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	815861	147.959	ng		0.00
7) Phenol-d6	6.534	99	986649	148.644	ng		0.00
23) Nitrobenzene-d5	7.475	82	993768	151.205	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	304807	145.927	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1908541	136.080	ng		0.00
79) Terphenyl-d14	13.015	244	1392704	123.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	169363	76.756	ng		100
3) Pyridine	3.440	79	442247	78.706	ng		98
4) n-Nitrosodimethylamine	3.404	42	230814	79.114	ng		97
6) Aniline	6.569	93	671713	75.263	ng		99
8) 2-Chlorophenol	6.686	128	454577	75.687	ng		98
9) Benzaldehyde	6.451	77	219574	54.999	ng		97
10) Phenol	6.551	94	552574	73.985	ng		87
11) bis(2-Chloroethyl)ether	6.639	93	410501	76.354	ng		100
12) 1,3-Dichlorobenzene	6.845	146	489261	73.004	ng		100
13) 1,4-Dichlorobenzene	6.922	146	495948	73.465	ng		99
14) 1,2-Dichlorobenzene	7.075	146	477210	73.875	ng		100
15) Benzyl Alcohol	7.045	79	381381	77.750	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	663576	73.497	ng		99
17) 2-Methylphenol	7.151	107	358569	76.467	ng		99
18) Hexachloroethane	7.416	117	177426	75.267	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	304362	73.987	ng		97
20) 3+4-Methylphenols	7.310	107	426933	71.097	ng		94
22) Acetophenone	7.316	105	571777	72.072	ng	#	95
24) Nitrobenzene	7.492	77	452330	76.309	ng		98
25) Isophorone	7.733	82	838652	76.321	ng		99
26) 2-Nitrophenol	7.804	139	248427	78.434	ng		99
27) 2,4-Dimethylphenol	7.839	122	422403	75.623	ng		99
28) bis(2-Chloroethoxy)met...	7.939	93	513063	74.744	ng		98
29) 2,4-Dichlorophenol	8.045	162	381590	75.121	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	406857	73.801	ng		98
31) Naphthalene	8.210	128	1277048	72.369	ng		99
32) Benzoic acid	7.975	122	288731	84.918	ng		99
33) 4-Chloroaniline	8.257	127	492168	68.830	ng		100
34) Hexachlorobutadiene	8.328	225	252445	73.338	ng		98
35) Caprolactam	8.645	113	109232	76.565	ng		100
36) 4-Chloro-3-methylphenol	8.739	107	388740	74.674	ng		99
37) 2-Methylnaphthalene	8.898	142	796463	71.742	ng		100
38) 1-Methylnaphthalene	8.998	142	811747	70.689	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	409177	75.740	ng		100
41) Hexachlorocyclopentadiene	9.051	237	309537	84.936	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	285072	78.254	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

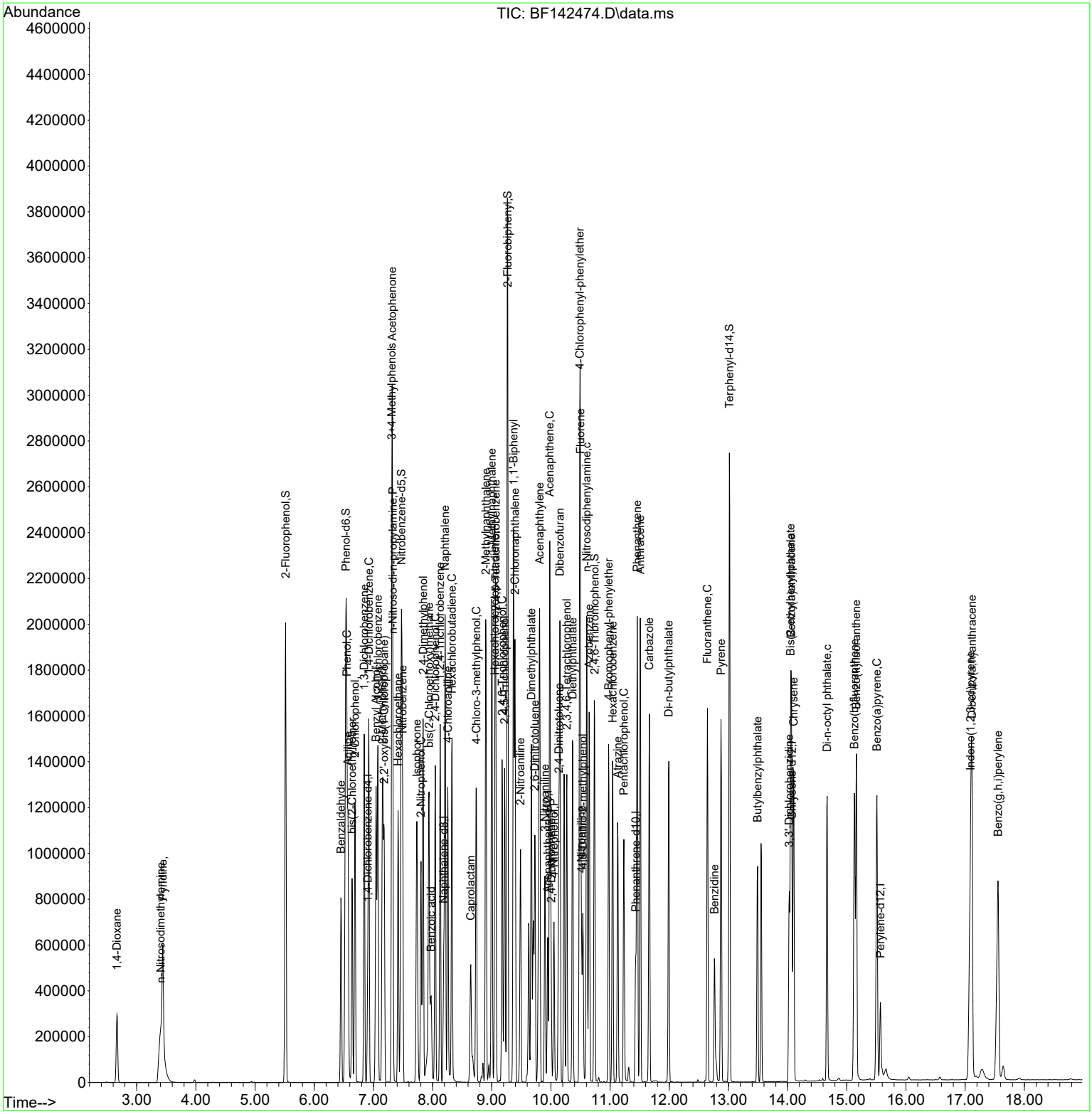
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	287041	74.712	ng	99
46) 1,1'-Biphenyl	9.369	154	1059787	72.584	ng	100
47) 2-Chloronaphthalene	9.392	162	798539	74.024	ng	99
48) 2-Nitroaniline	9.486	65	241162	77.343	ng	99
49) Acenaphthylene	9.810	152	1313668	72.118	ng	99
50) Dimethylphthalate	9.669	163	911534	73.405	ng	100
51) 2,6-Dinitrotoluene	9.727	165	201545	75.198	ng	96
52) Acenaphthene	9.980	154	810811	72.896	ng	100
53) 3-Nitroaniline	9.898	138	216422	73.930	ng	100
54) 2,4-Dinitrophenol	10.004	184	119082	85.999	ng	94
55) Dibenzofuran	10.151	168	1136276	70.990	ng	99
56) 4-Nitrophenol	10.051	139	165537	76.638	ng	99
57) 2,4-Dinitrotoluene	10.133	165	259035	74.005	ng	99
58) Fluorene	10.498	166	857882	69.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	238382	74.324	ng	99
60) Diethylphthalate	10.369	149	858326	70.773	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	426386	70.193	ng	99
62) 4-Nitroaniline	10.516	138	188782	71.105	ng	98
63) Azobenzene	10.645	77	794029	72.893	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	141863	88.468	ng	99
66) n-Nitrosodiphenylamine	10.604	169	758366	77.145	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	264739	77.920	ng	98
68) Hexachlorobenzene	11.045	284	287676	76.555	ng	98
69) Atrazine	11.127	200	199929	76.581	ng	99
70) Pentachlorophenol	11.233	266	177504	83.666	ng	99
71) Phenanthrene	11.457	178	1107683	72.134	ng	100
72) Anthracene	11.510	178	1144182	73.009	ng	99
73) Carbazole	11.663	167	956069	71.360	ng	99
74) Di-n-butylphthalate	11.992	149	1043468	71.153	ng	100
75) Fluoranthene	12.645	202	972105	67.750	ng	99
77) Benzidine	12.763	184	343909	59.795	ng	100
78) Pyrene	12.874	202	931844	64.632	ng	100
80) Butylbenzylphthalate	13.492	149	319716	80.252	ng	98
81) Benzo(a)anthracene	14.062	228	765441	74.167	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	257542	82.274	ng	99
83) Chrysene	14.104	228	715970	77.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	449654	88.168	ng	99
85) Di-n-octyl phthalate	14.668	149	888230	89.073	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	1126401	76.417	ng	100
88) Benzo(b)fluoranthene	15.127	252	874640	75.267	ng	98
89) Benzo(k)fluoranthene	15.162	252	803775	73.850	ng	99
90) Benzo(a)pyrene	15.509	252	833783	76.121	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	902757	75.513	ng	99
92) Benzo(g,h,i)perylene	17.556	276	909649	76.073	ng	99

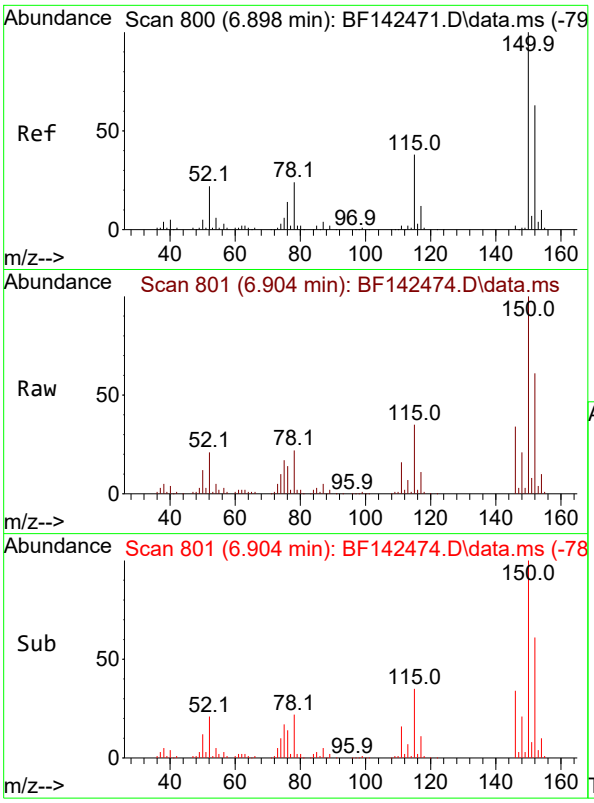
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142474.D
Acq On : 20 May 2025 15:31
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: May 20 16:55:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



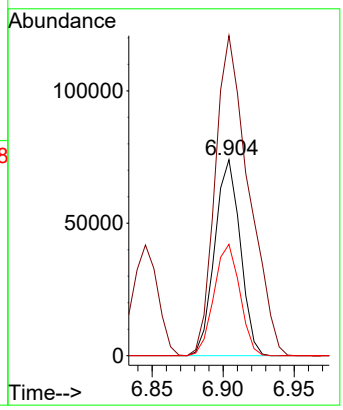


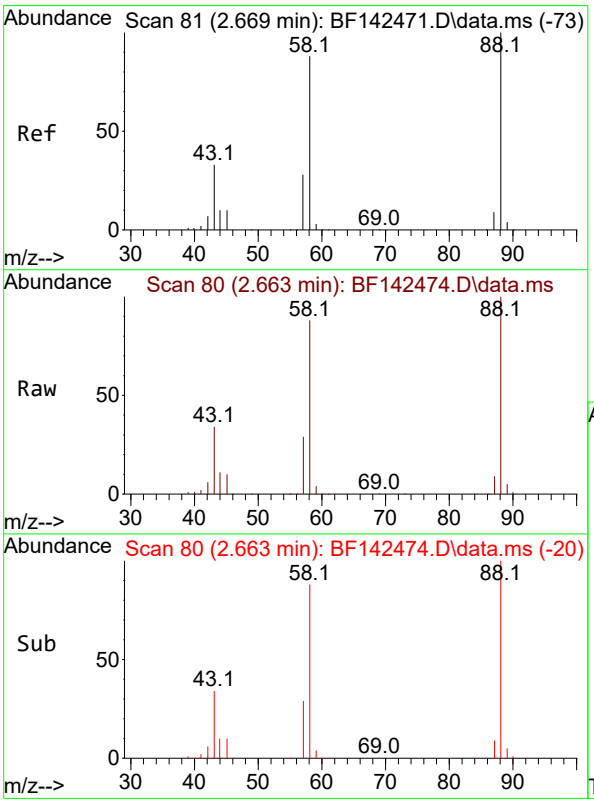
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 92899

Ion	Ratio	Lower	Upper
152	100		
150	163.3	128.2	192.4
115	56.9	48.3	72.5

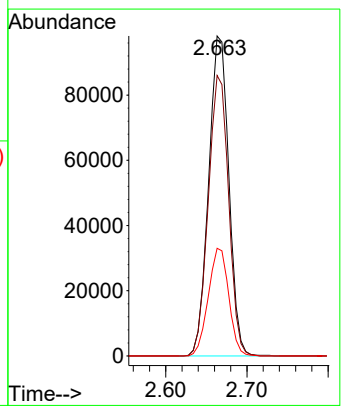


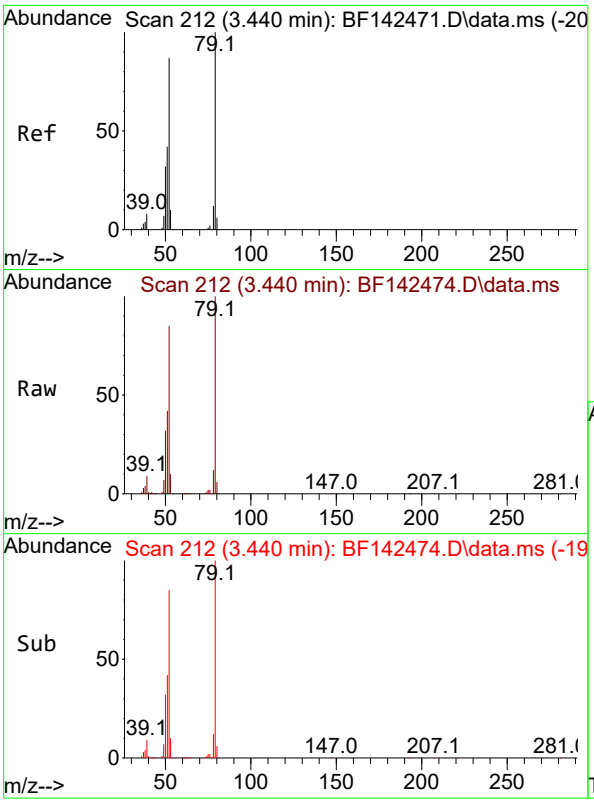


#2
1,4-Dioxane
Concen: 76.756 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 88 Resp: 169363

Ion	Ratio	Lower	Upper
88	100		
58	88.4	70.8	106.2
43	34.1	26.6	40.0



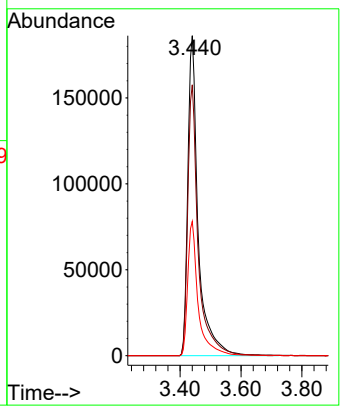


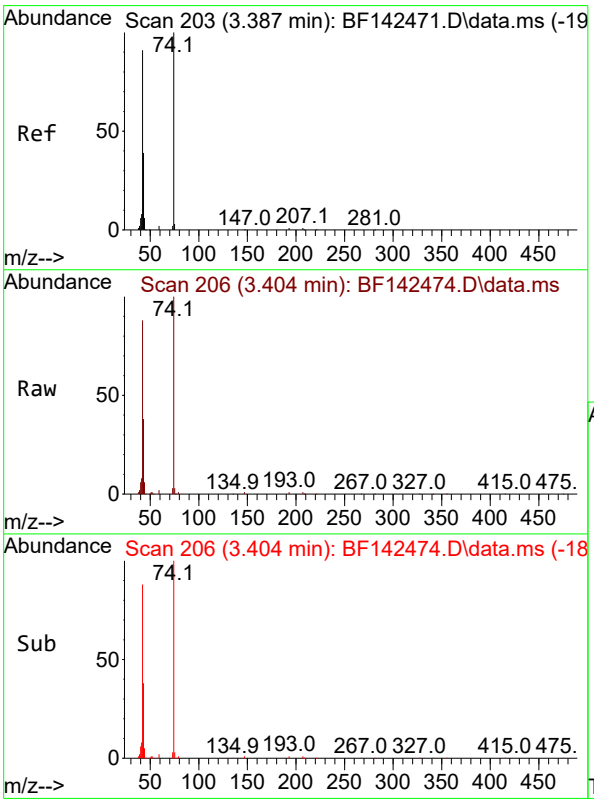
#3
Pyridine
Concen: 78.706 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 442247

Ion	Ratio	Lower	Upper
79	100		
52	84.6	69.2	103.8
51	42.0	33.3	49.9

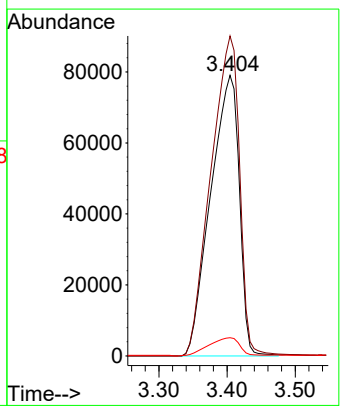


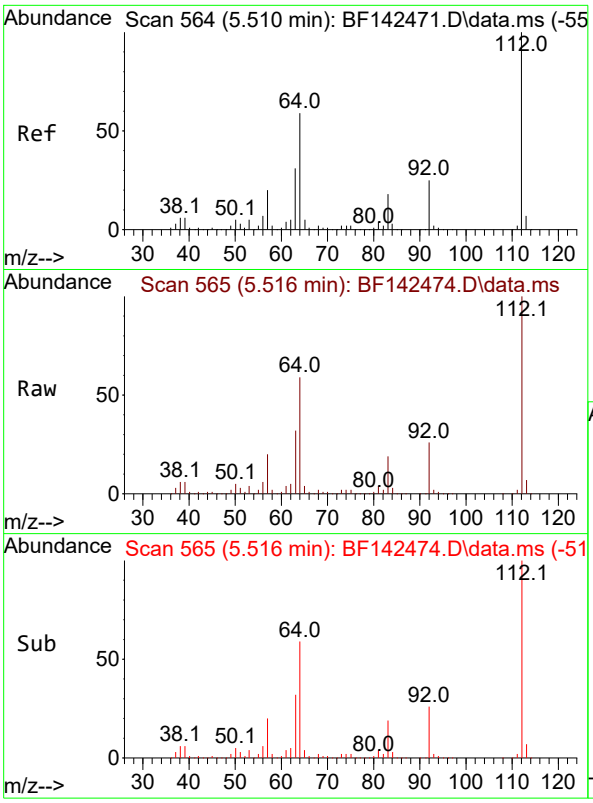


#4
n-Nitrosodimethylamine
Concen: 79.114 ng
RT: 3.404 min Scan# 206
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 42 Resp: 230814

Ion	Ratio	Lower	Upper
42	100		
74	114.0	88.2	132.4
44	6.5	5.4	8.2



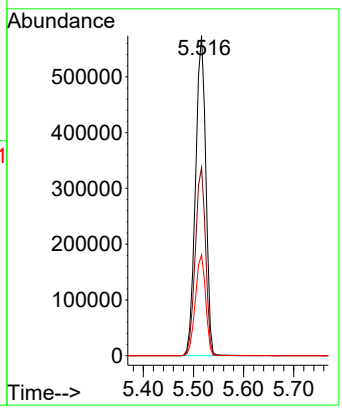


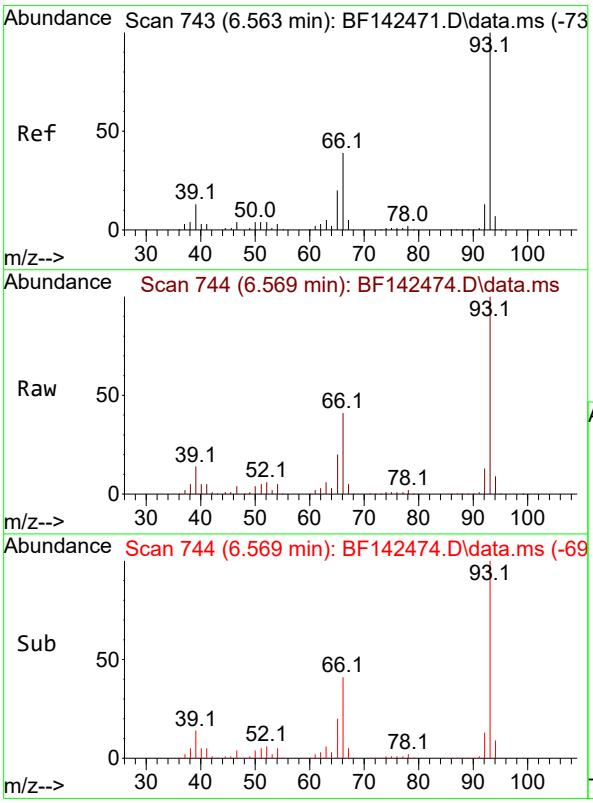
#5
2-Fluorophenol
Concen: 147.959 ng
RT: 5.516 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 815861

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.5	71.3
63	31.5	24.9	37.3

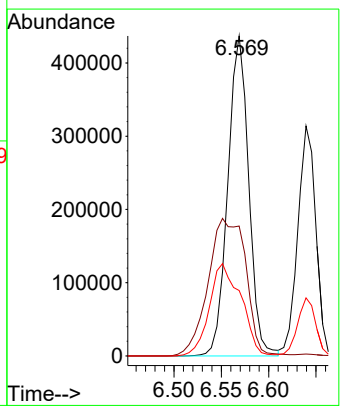


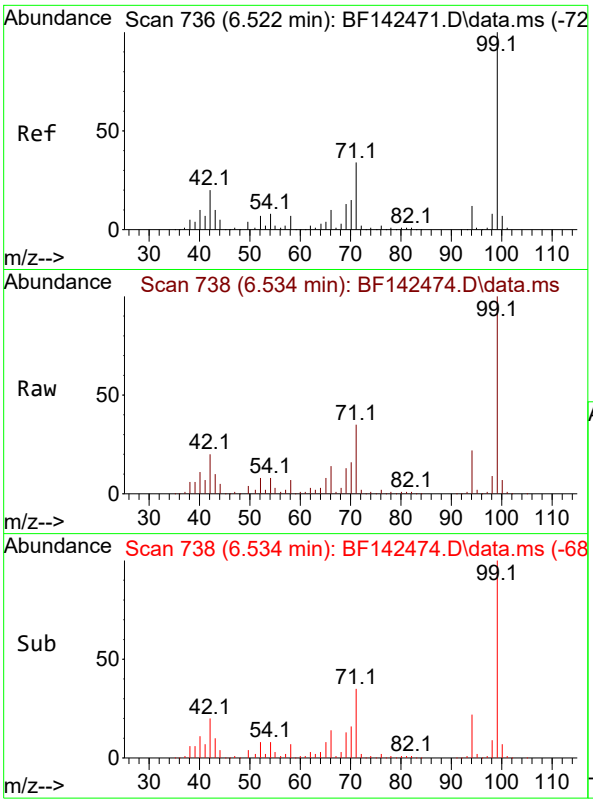


#6
Aniline
Concen: 75.263 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 671713

Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.0	48.0
65	20.5	16.1	24.1



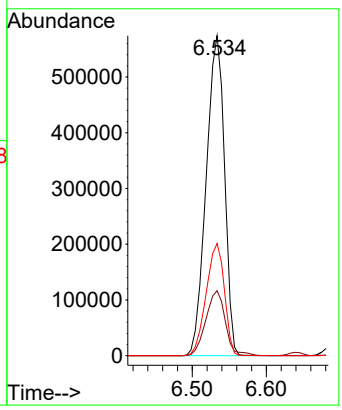


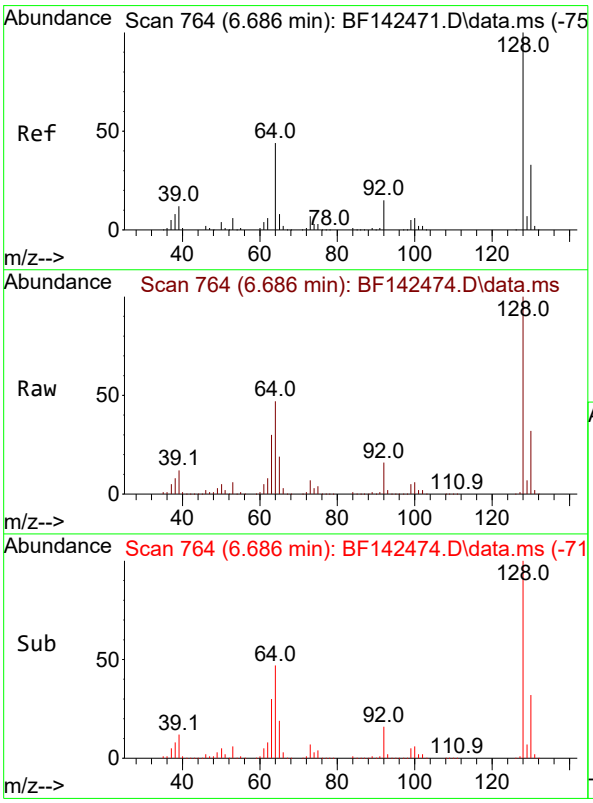
#7
Phenol-d6
Concen: 148.644 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 986649

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.2
71	35.1	27.3	40.9

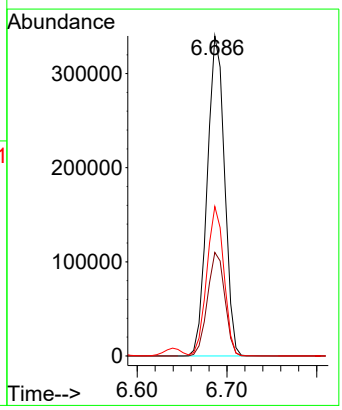


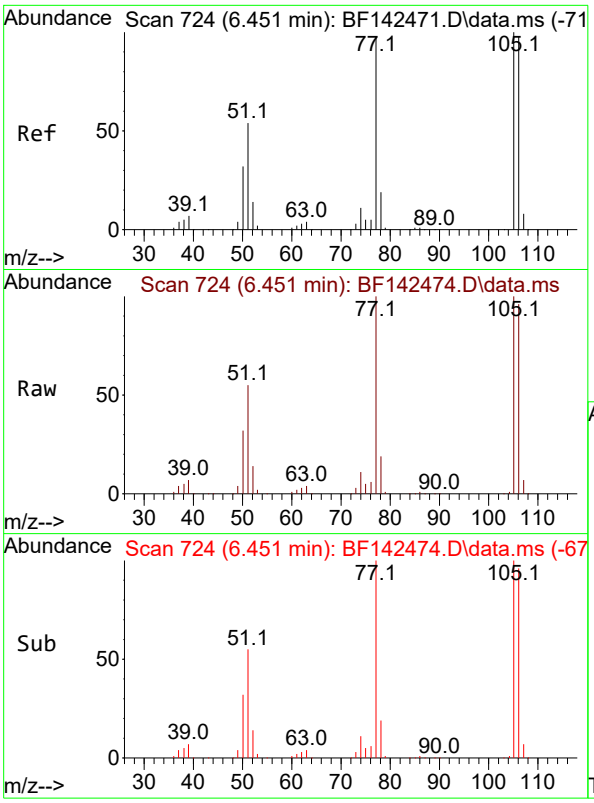


#8
2-Chlorophenol
Concen: 75.687 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:128 Resp: 454577

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	46.7	25.1	65.1



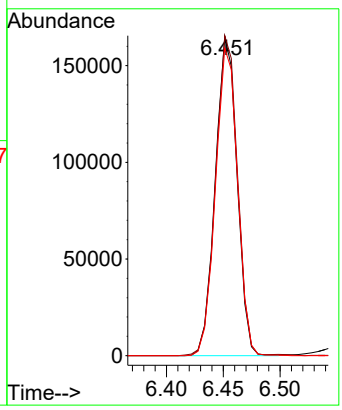


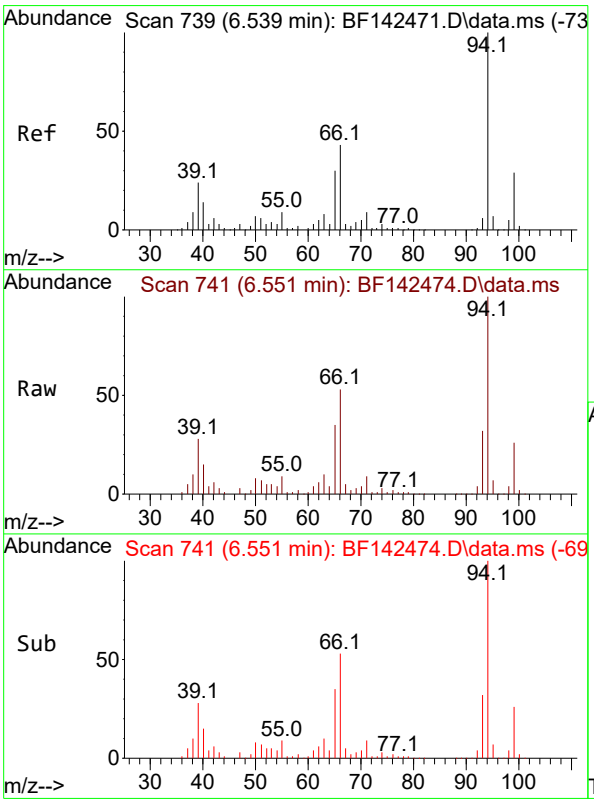
#9
Benzaldehyde
Concen: 54.999 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 219574

Ion	Ratio	Lower	Upper
77	100		
105	100.3	82.5	122.5
106	96.4	80.0	120.0

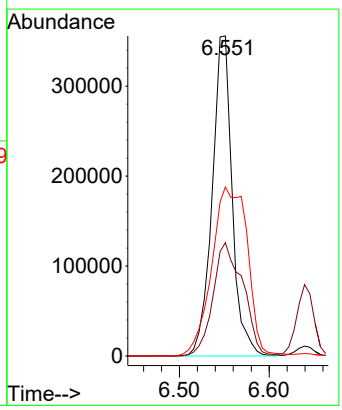


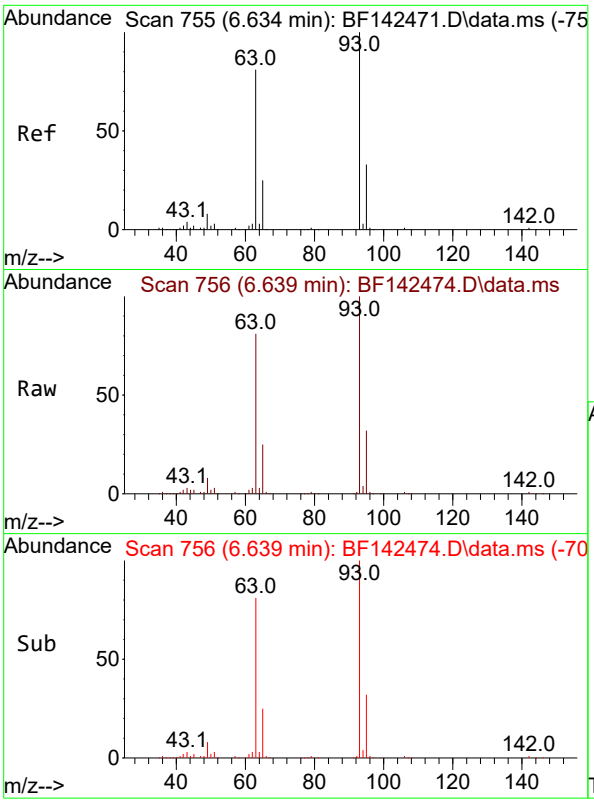


#10
Phenol
Concen: 73.985 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 94 Resp: 552574

Ion	Ratio	Lower	Upper
94	100		
65	35.4	10.3	50.3
66	52.8	22.6	62.6



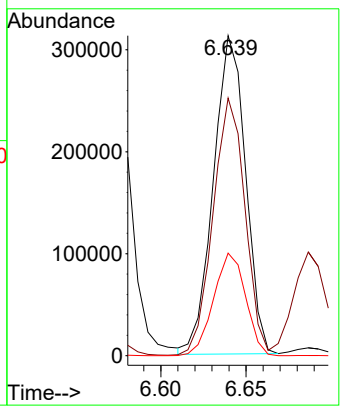


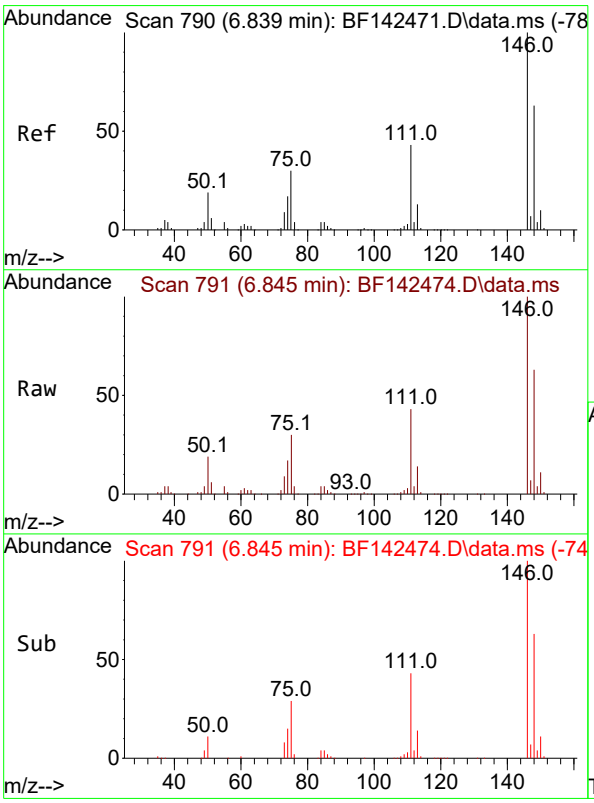
#11
bis(2-Chloroethyl)ether
Concen: 76.354 ng
RT: 6.639 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 410501

Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.2	100.2
95	32.1	12.3	52.3

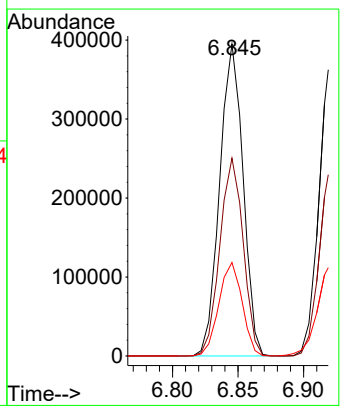


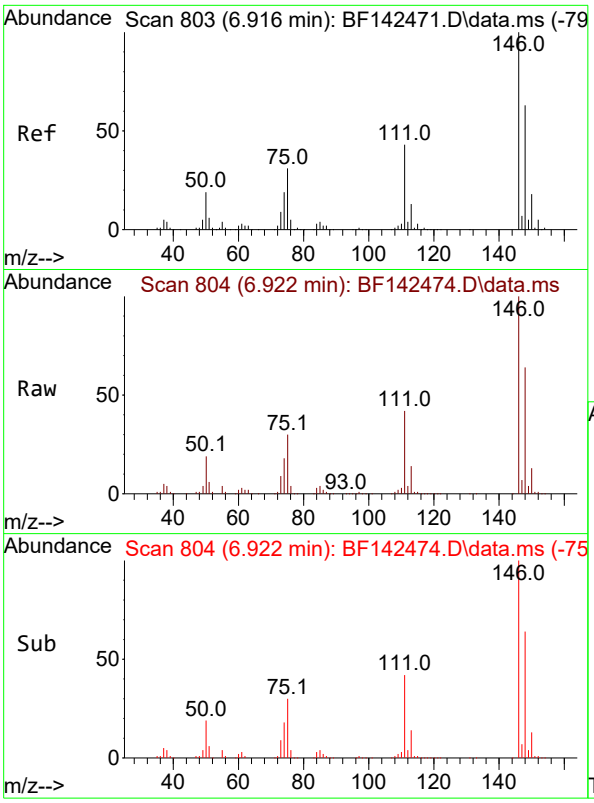


#12
1,3-Dichlorobenzene
Concen: 73.004 ng
RT: 6.845 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:146 Resp: 489261

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
75	30.0	23.8	35.6



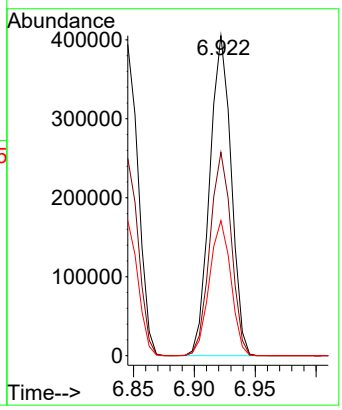


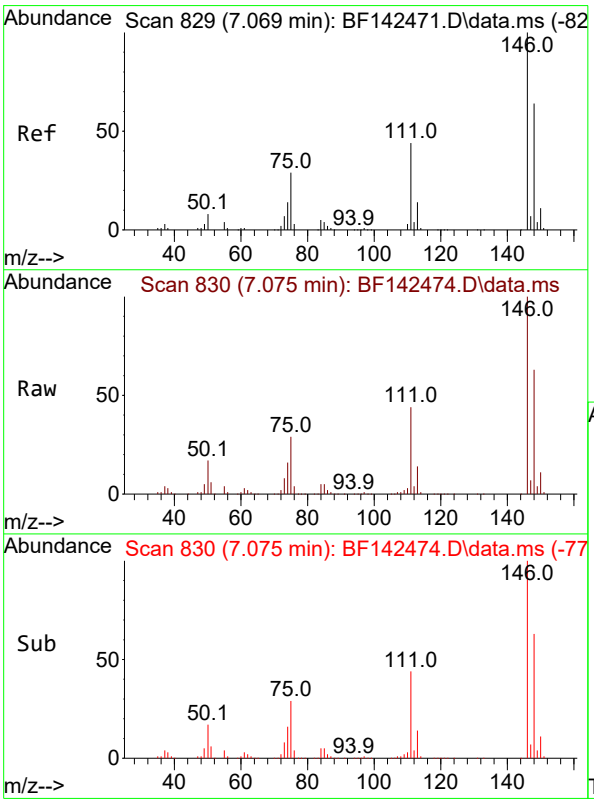
#13
1,4-Dichlorobenzene
Concen: 73.465 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 495948

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	42.2	34.1	51.1

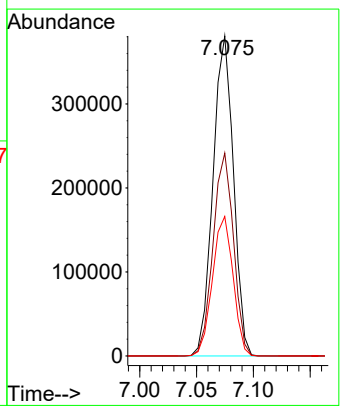


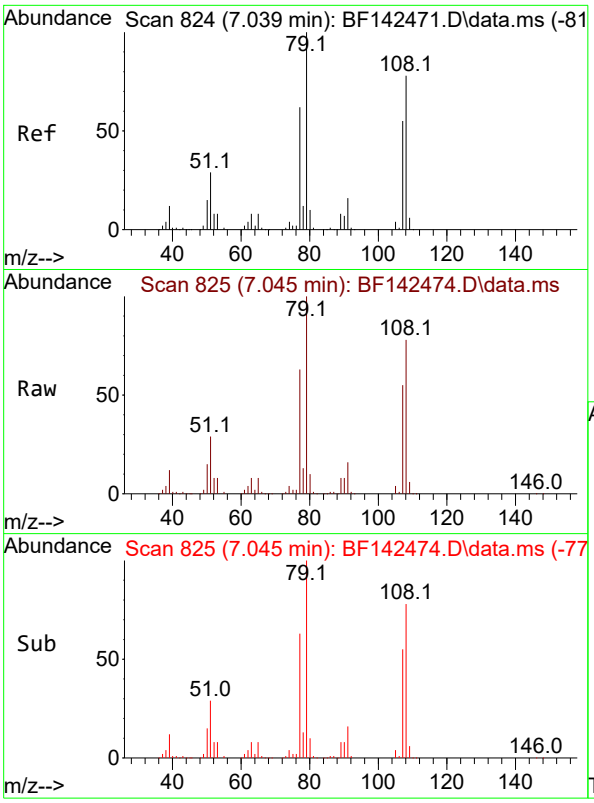


#14
1,2-Dichlorobenzene
Concen: 73.875 ng
RT: 7.075 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:146 Resp: 477210

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
111	43.6	35.0	52.6



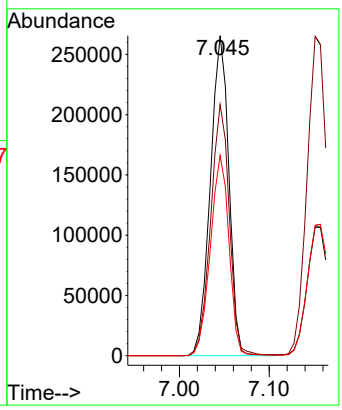


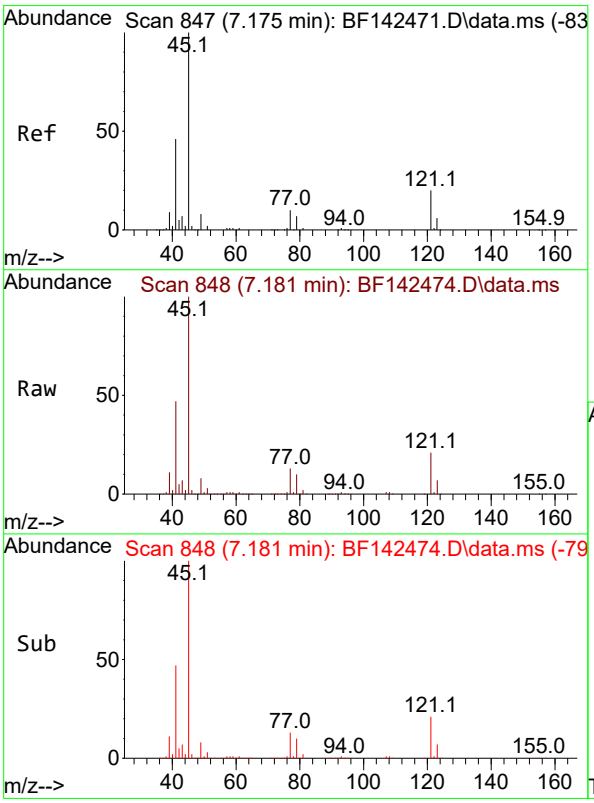
#15
Benzyl Alcohol
Concen: 77.750 ng
RT: 7.045 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 381381

Ion	Ratio	Lower	Upper
79	100		
108	78.5	62.1	93.1
77	62.5	49.5	74.3

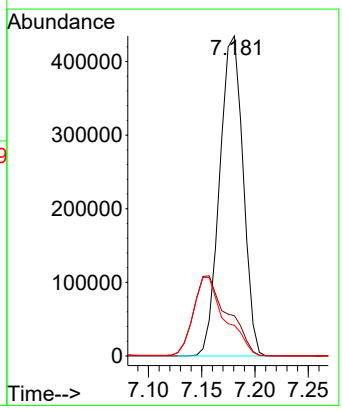


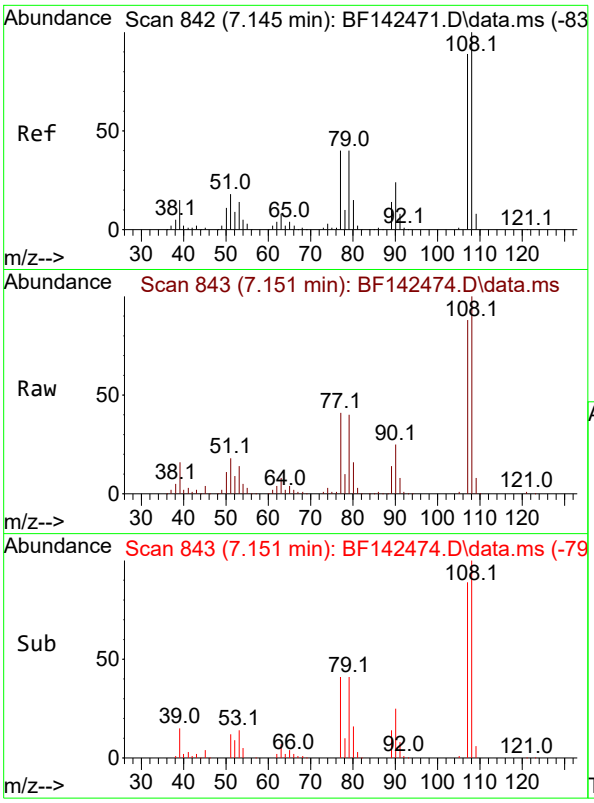


#16
2,2'-oxybis(1-Chloropropane)
Concen: 73.497 ng
RT: 7.181 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 45 Resp: 663576

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	32.0
79	9.6	0.0	29.2



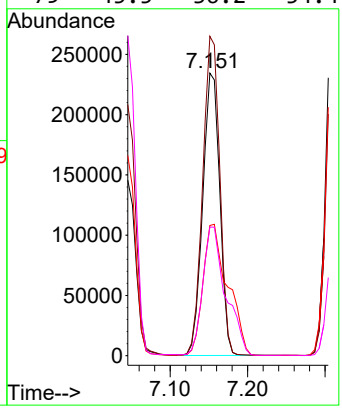


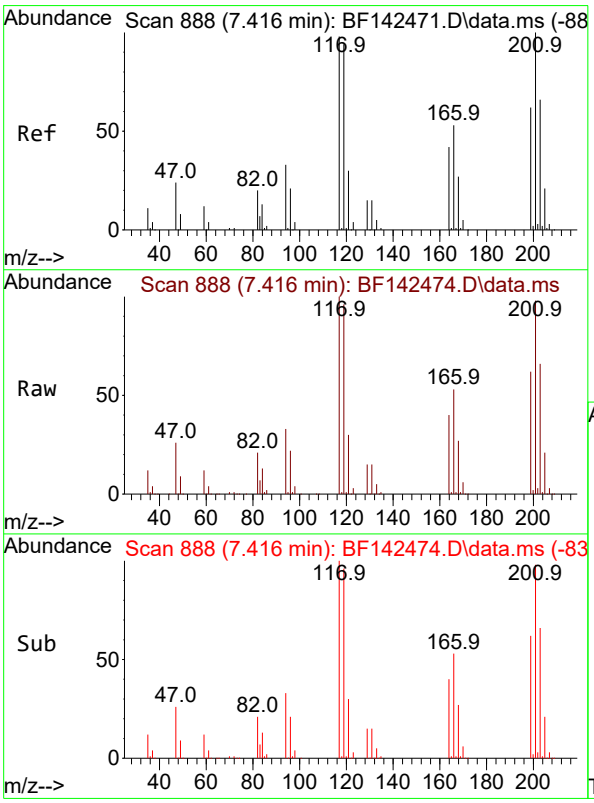
#17
2-Methylphenol
Concen: 76.467 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 358569

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.2
77	46.1	36.1	54.1
79	45.5	36.2	54.4

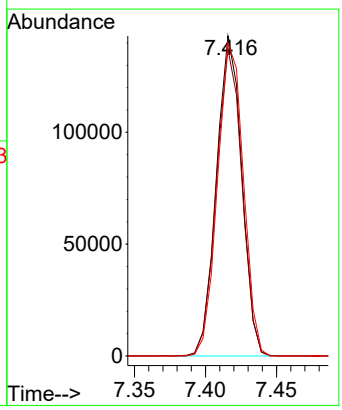


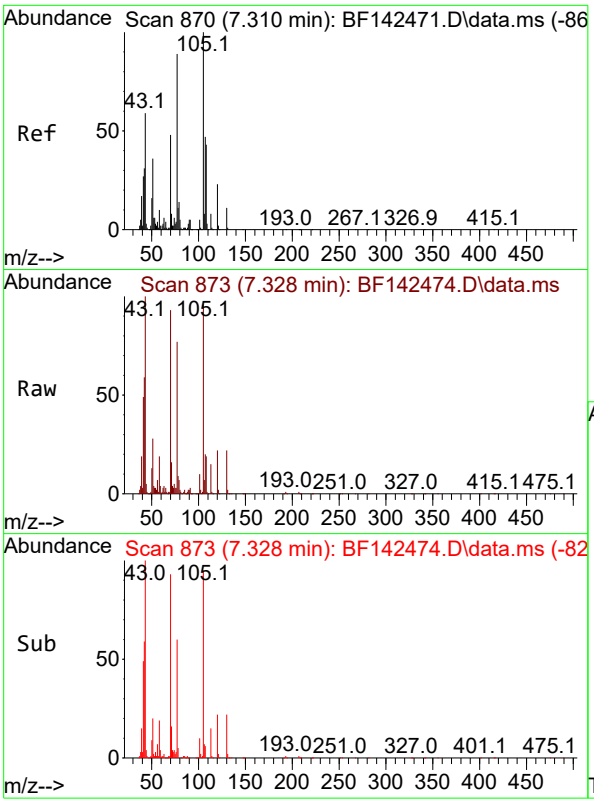


#18
Hexachloroethane
Concen: 75.267 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:117 Resp: 177426

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8
201	97.9	81.3	121.9



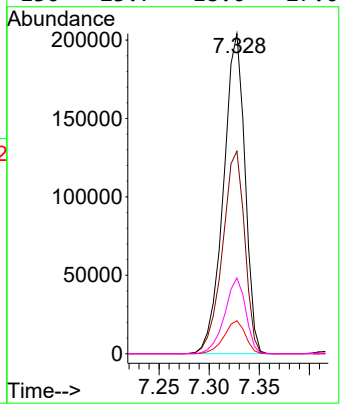


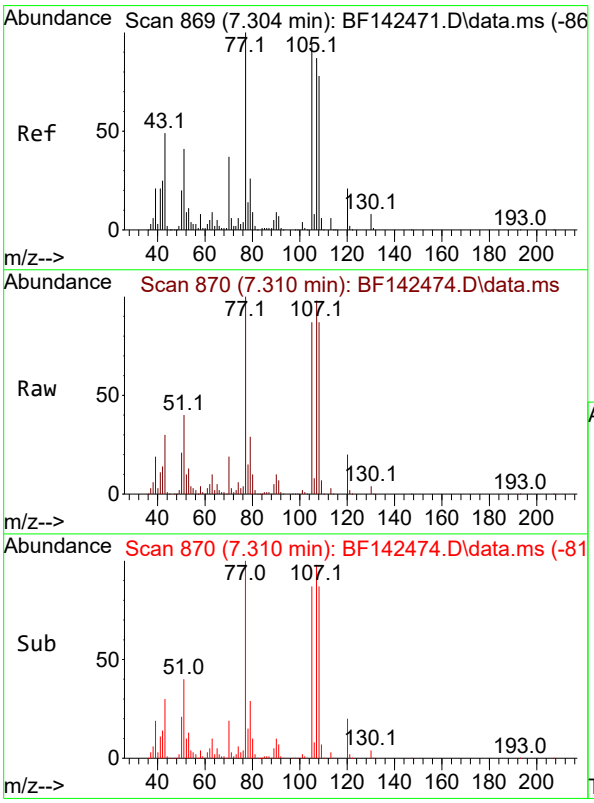
#19
n-Nitroso-di-n-propylamine
Concen: 73.987 ng
RT: 7.328 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 304362

Ion	Ratio	Lower	Upper
70	100		
42	63.3	52.4	78.6
101	10.3	7.8	11.8
130	23.7	18.0	27.0

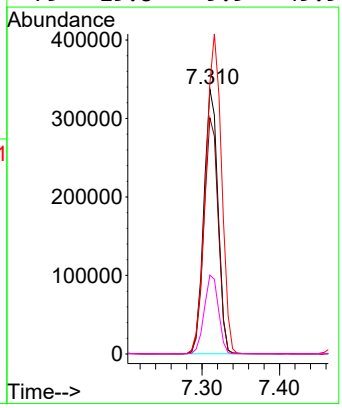


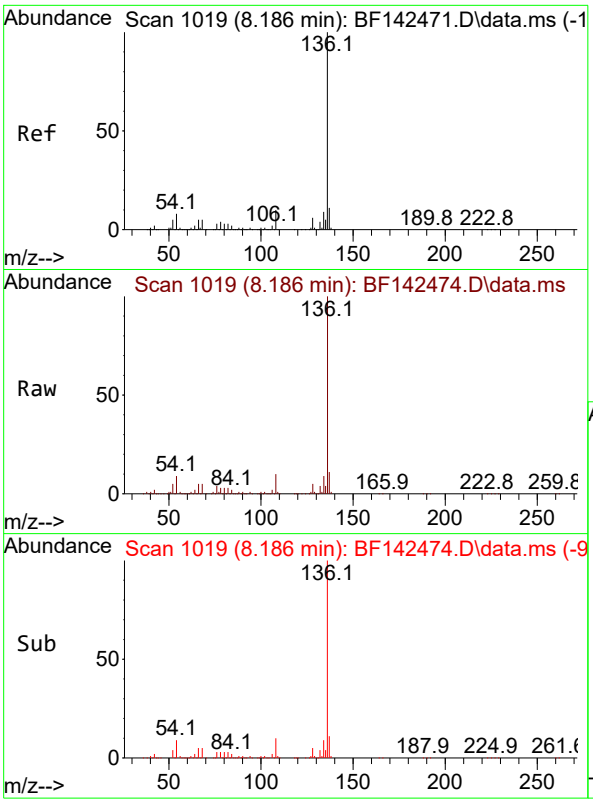


#20
3+4-Methylphenols
Concen: 71.097 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:107 Resp: 426933

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.4	110.4
77	102.1	95.4	135.4
79	29.8	9.9	49.9



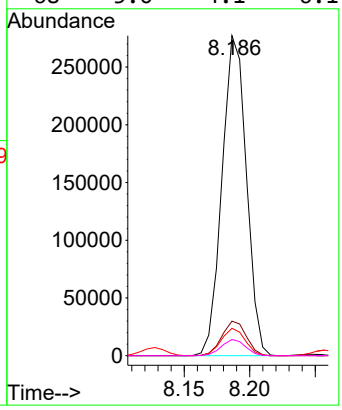


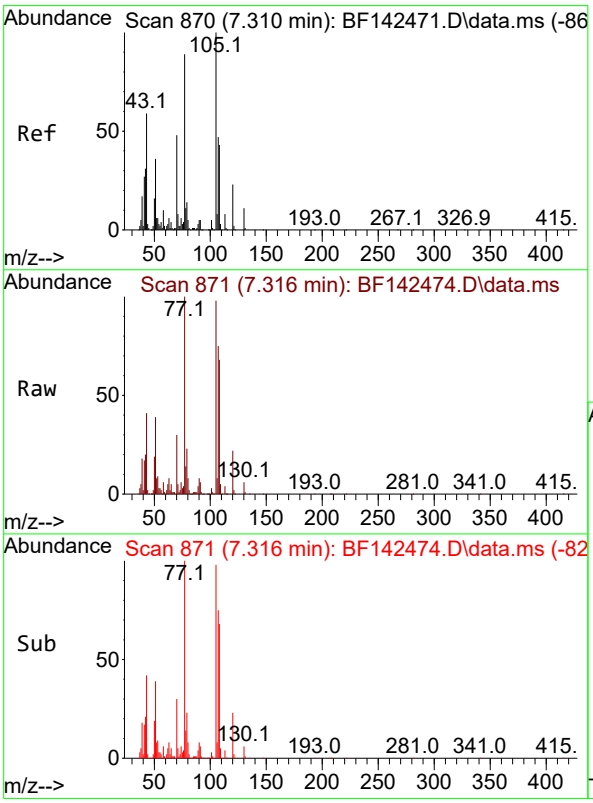
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 358380

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.6	10.0
68	5.0	4.1	6.1

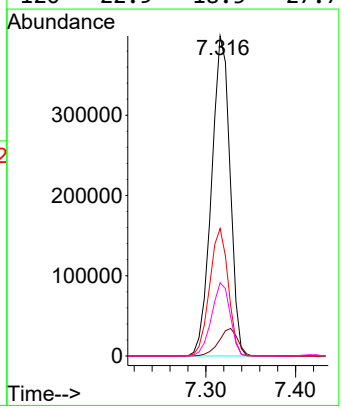


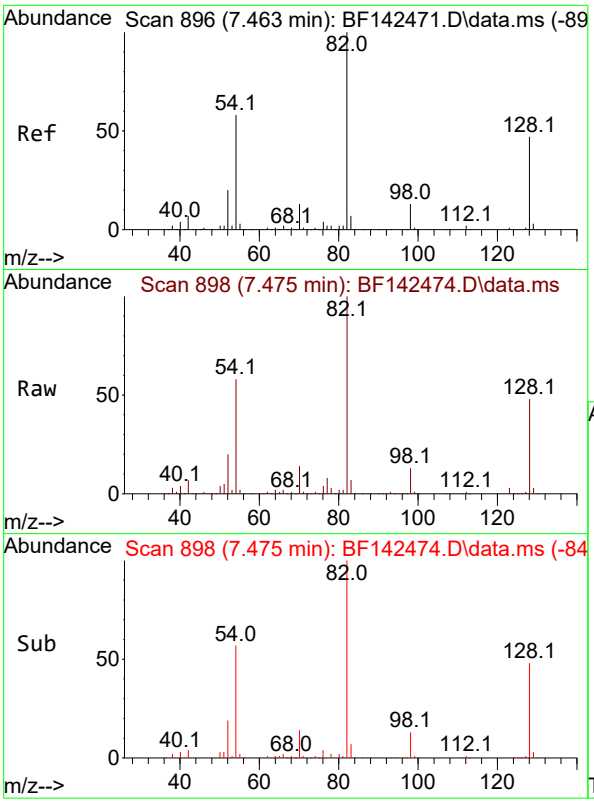


#22
Acetophenone
Concen: 72.072 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:105 Resp: 571777

Ion	Ratio	Lower	Upper
105	100		
71	5.2	6.4	9.6#
51	39.9	28.6	42.8
120	22.9	18.5	27.7



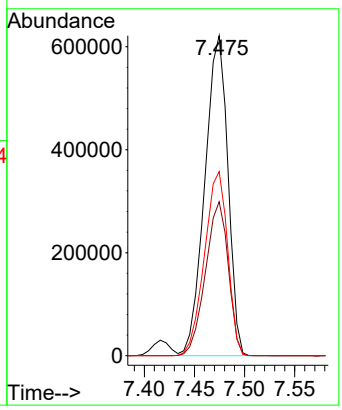


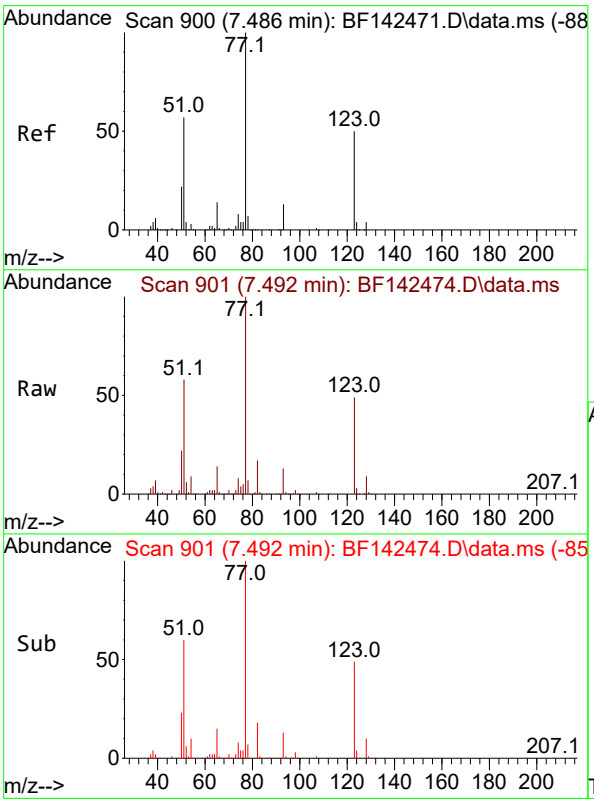
#23
Nitrobenzene-d5
Concen: 151.205 ng
RT: 7.475 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 993768

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.4	56.2
54	57.5	46.6	70.0

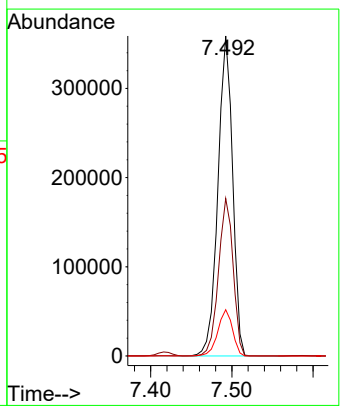


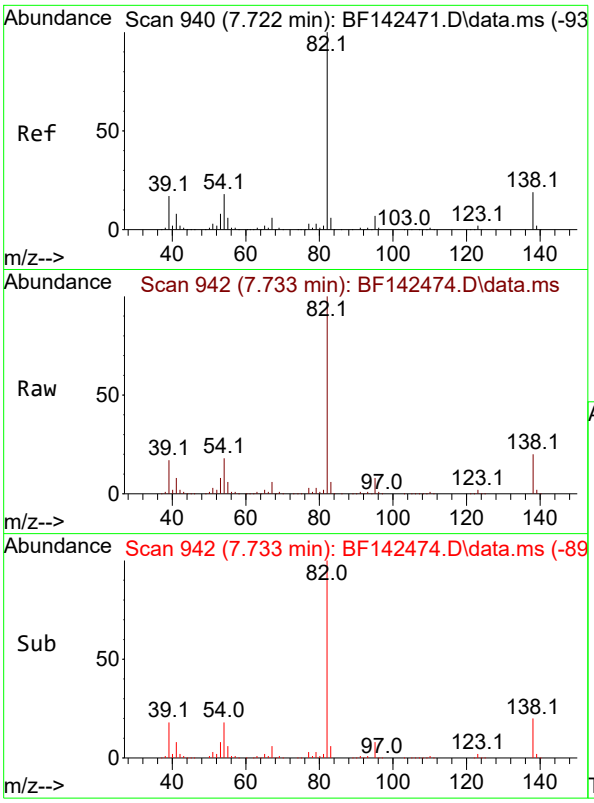


#24
Nitrobenzene
Concen: 76.309 ng
RT: 7.492 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 77 Resp: 452330

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.6	61.0
65	14.5	11.4	17.2



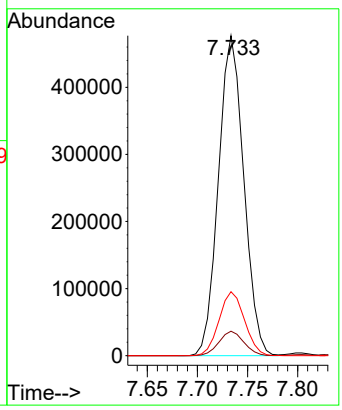


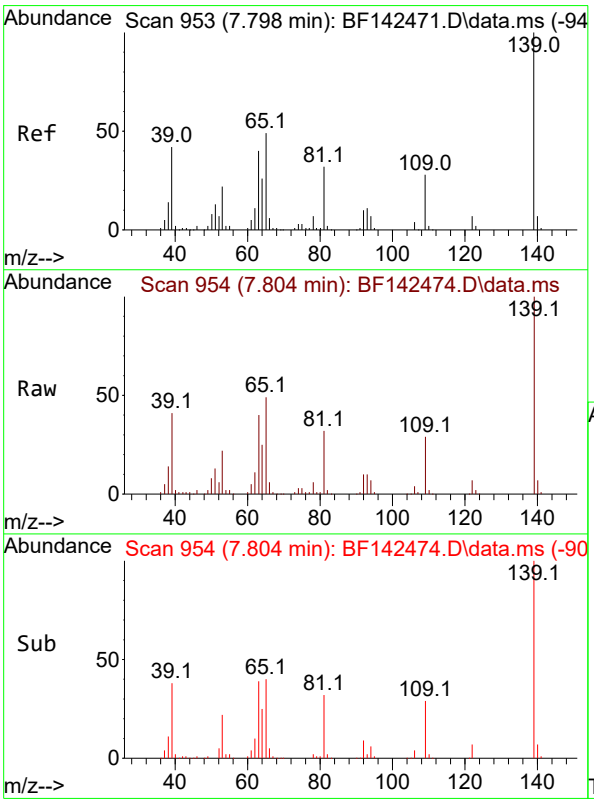
#25
Isophorone
Concen: 76.321 ng
RT: 7.733 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 838652

Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.0	9.0
138	20.0	15.5	23.3

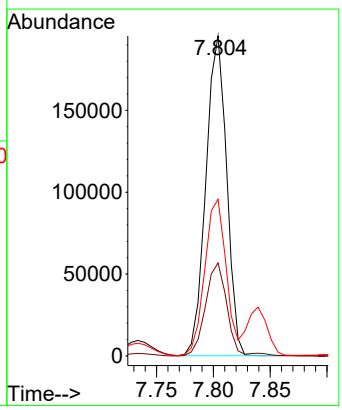


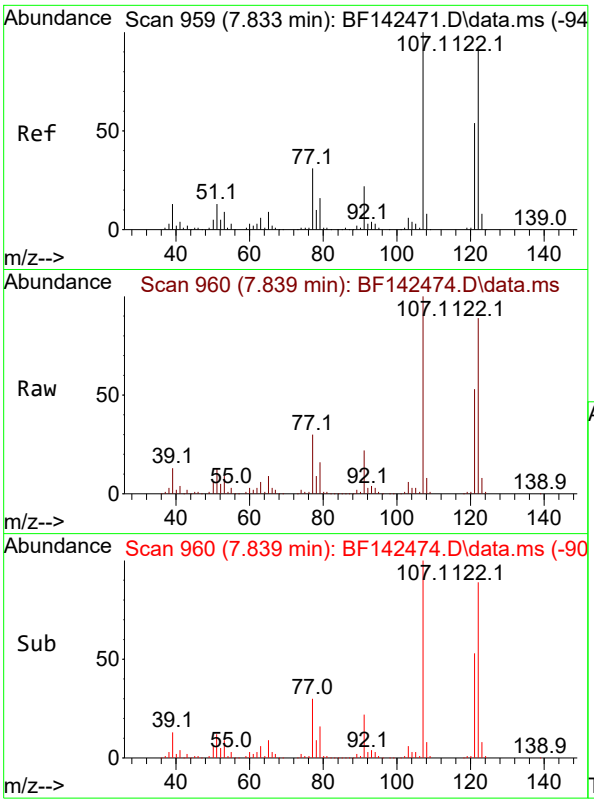


#26
2-Nitrophenol
Concen: 78.434 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:139 Resp: 248427

Ion	Ratio	Lower	Upper
139	100		
109	29.1	22.6	33.8
65	48.9	39.4	59.0



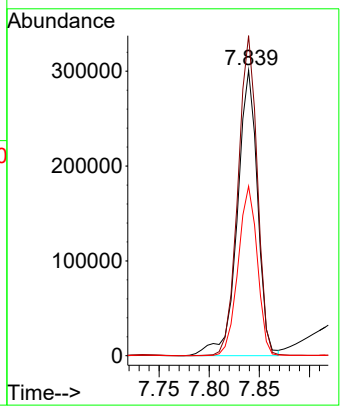


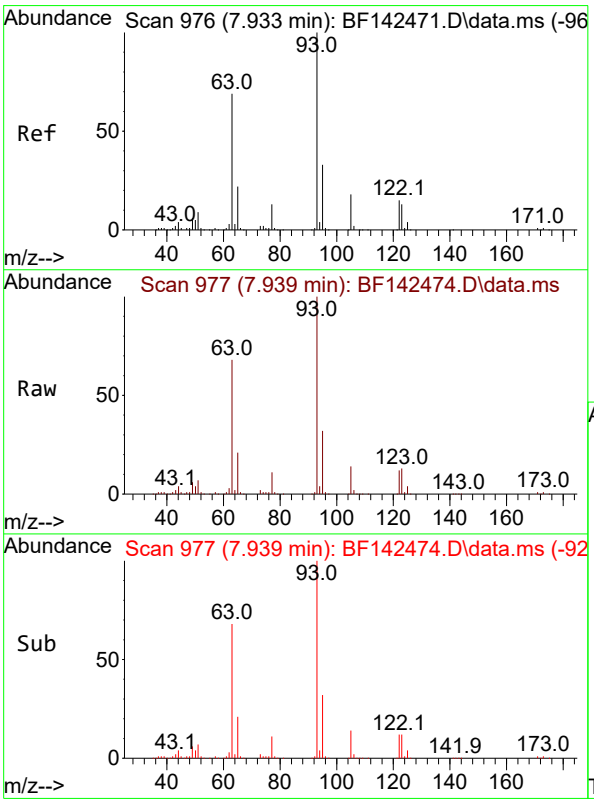
#27
2,4-Dimethylphenol
Concen: 75.623 ng
RT: 7.839 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 422403

Ion	Ratio	Lower	Upper
122	100		
107	112.1	88.1	132.1
121	59.4	47.3	70.9

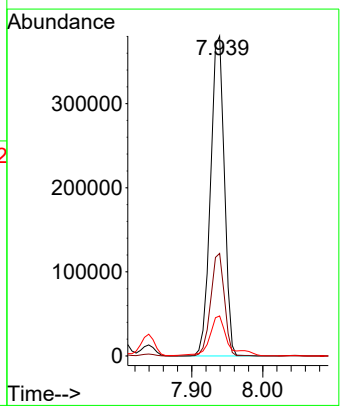


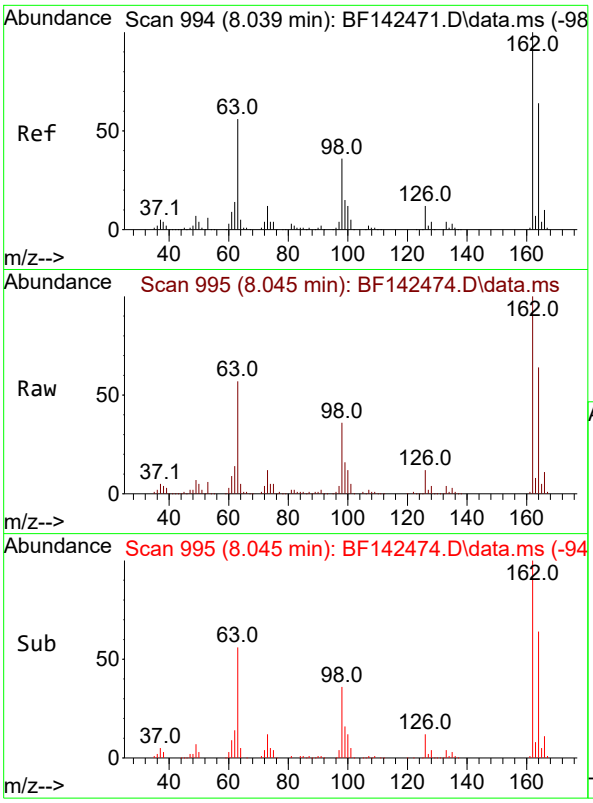


#28
bis(2-Chloroethoxy)methane
Concen: 74.744 ng
RT: 7.939 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 93 Resp: 513063

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.4	39.6
123	12.5	10.6	15.8



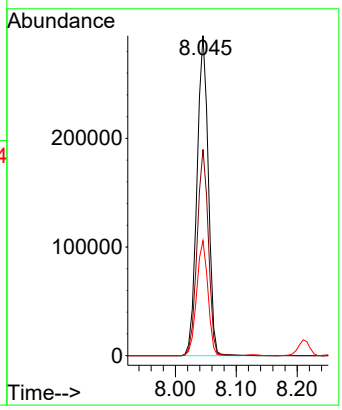


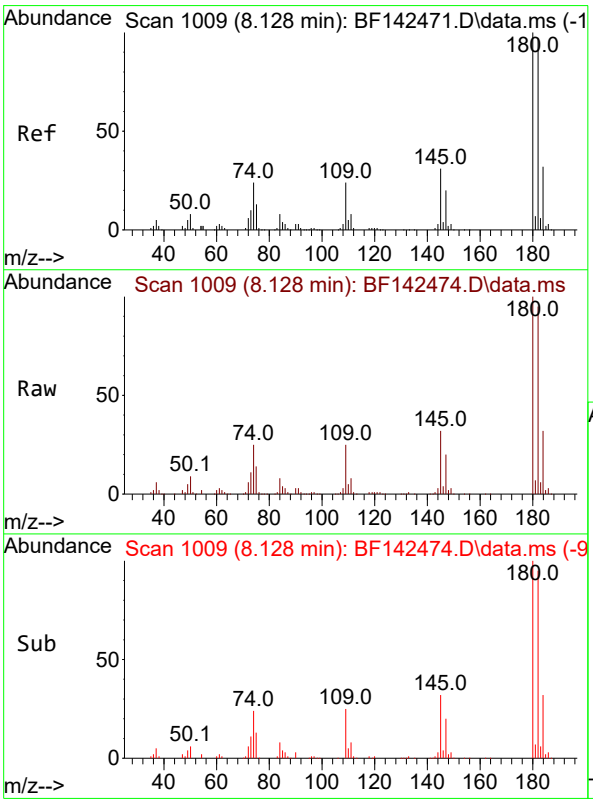
#29
2,4-Dichlorophenol
Concen: 75.121 ng
RT: 8.045 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 381590

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	36.0	15.5	55.5

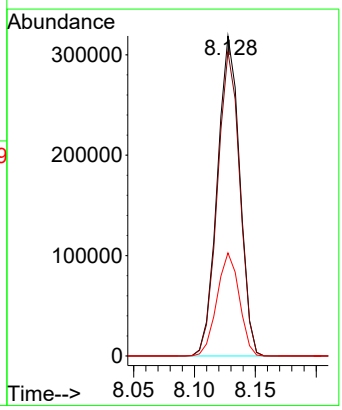


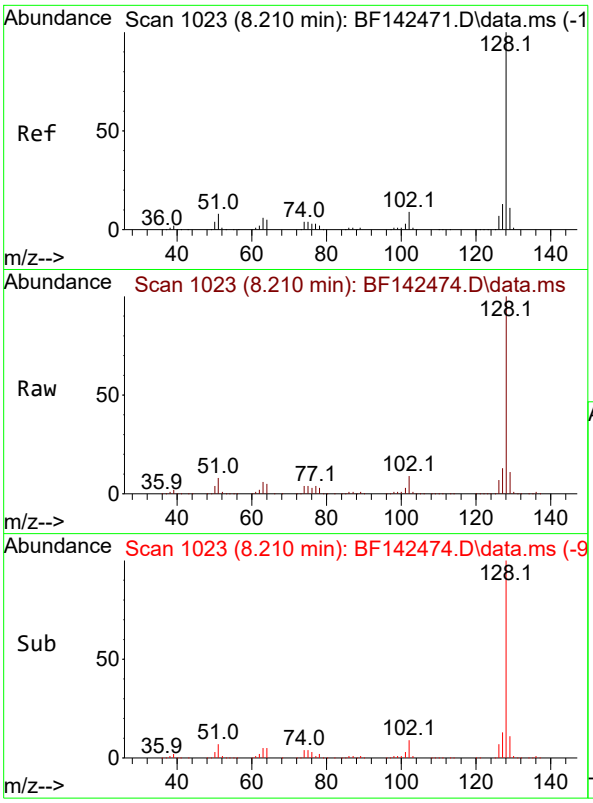


#30
1,2,4-Trichlorobenzene
Concen: 73.801 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:180 Resp: 406857

Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.0	117.0
145	32.2	25.0	37.6



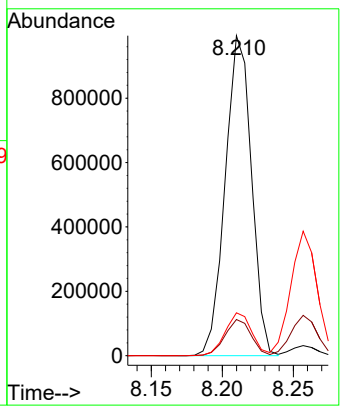


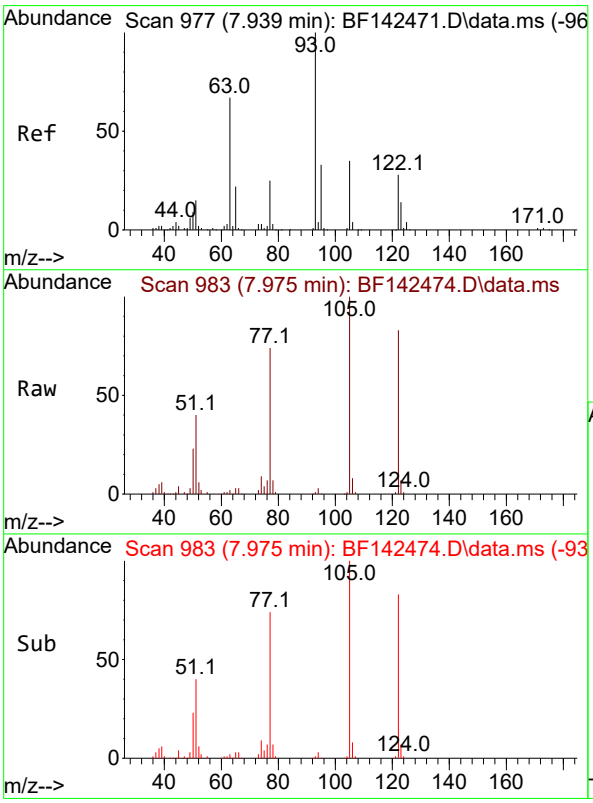
#31
Naphthalene
Concen: 72.369 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1277048

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.5	15.7

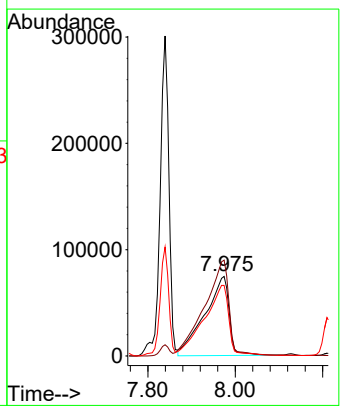


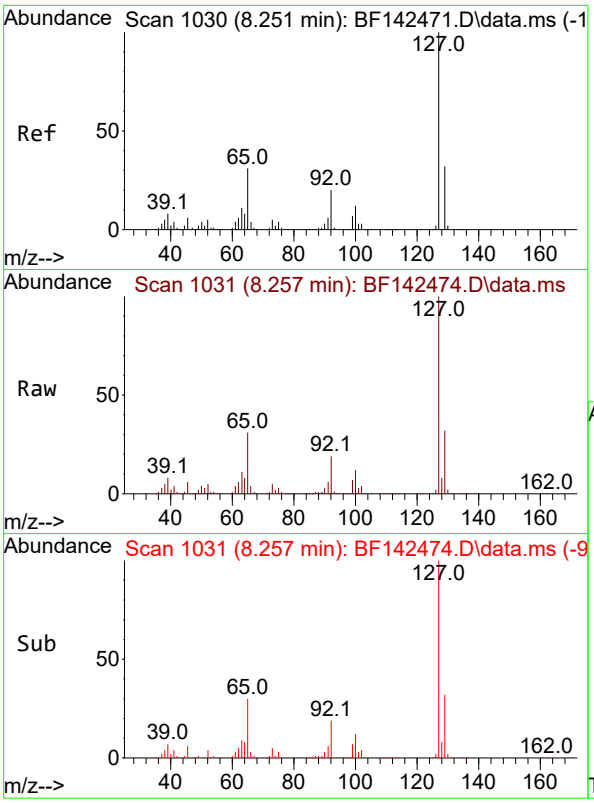


#32
Benzoic acid
Concen: 84.918 ng
RT: 7.975 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:122 Resp: 288731

Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.7	141.7
77	88.6	69.5	109.5



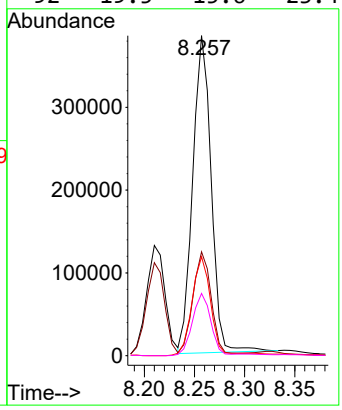


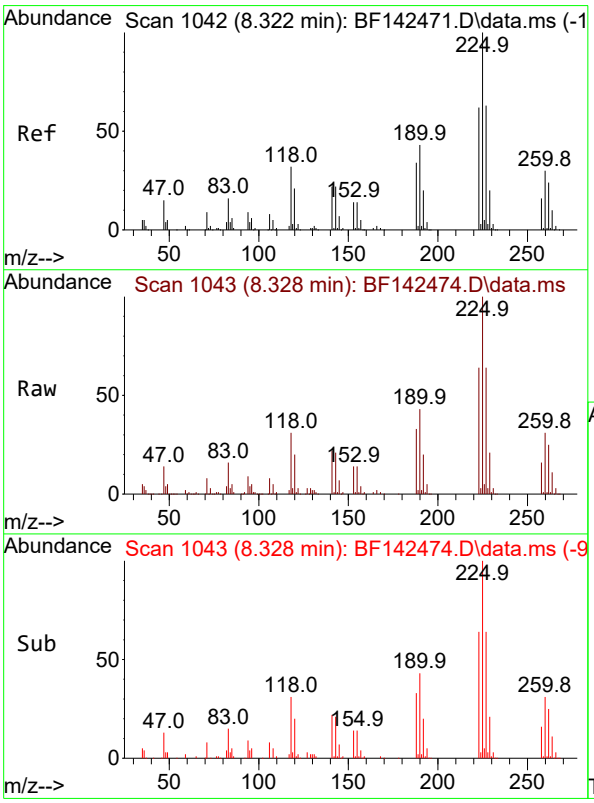
#33
4-Chloroaniline
Concen: 68.830 ng
RT: 8.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 492168

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	30.9	24.9	37.3
92	19.5	15.6	23.4

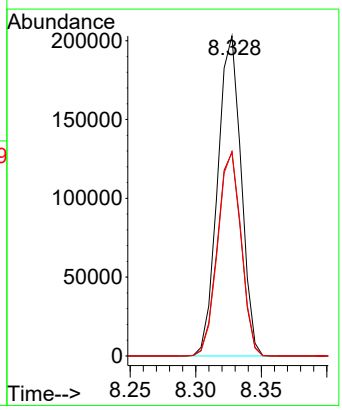


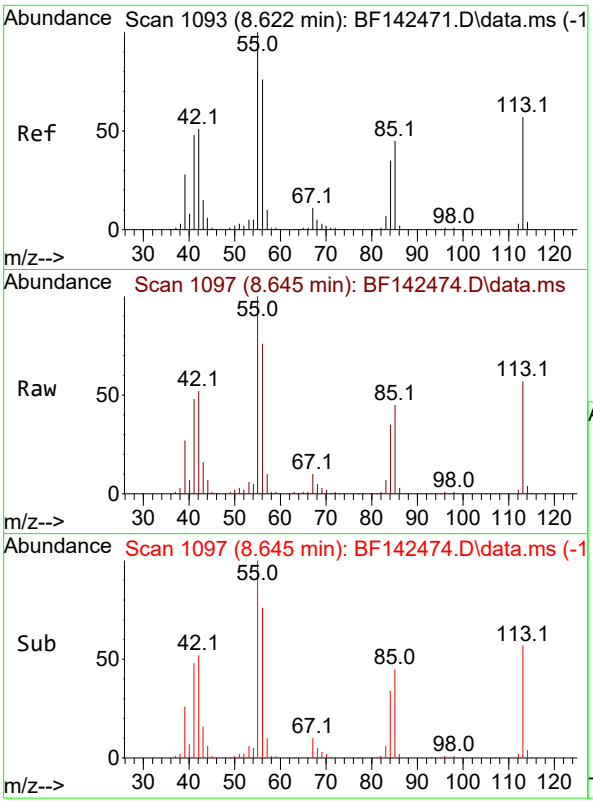


#34
Hexachlorobutadiene
Concen: 73.338 ng
RT: 8.328 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:225 Resp: 252445

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.7	74.5
227	63.9	50.3	75.5



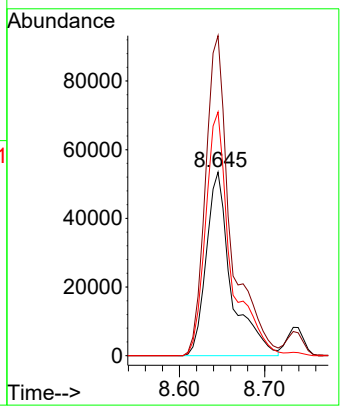


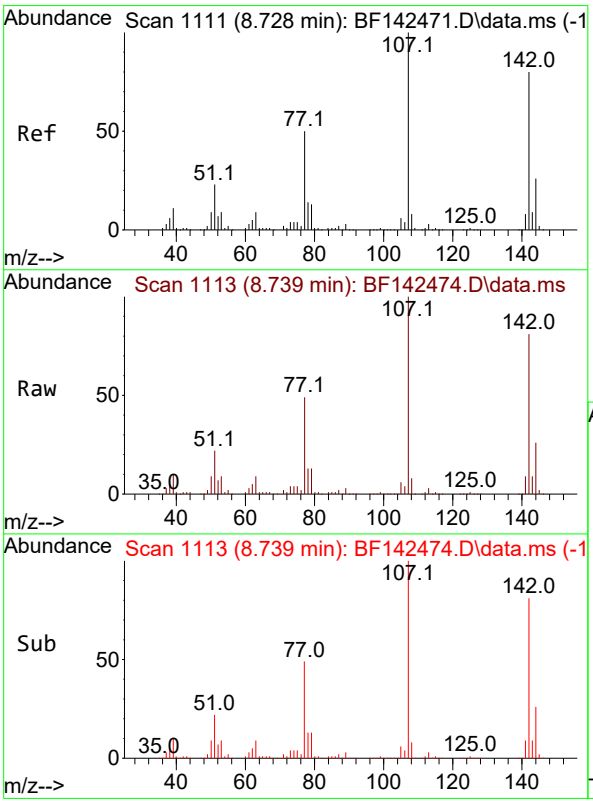
#35
Caprolactam
Concen: 76.565 ng
RT: 8.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 109232

Ion	Ratio	Lower	Upper
113	100		
55	174.4	154.7	194.7
56	132.8	113.2	153.2

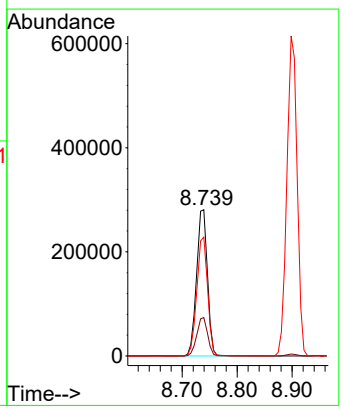


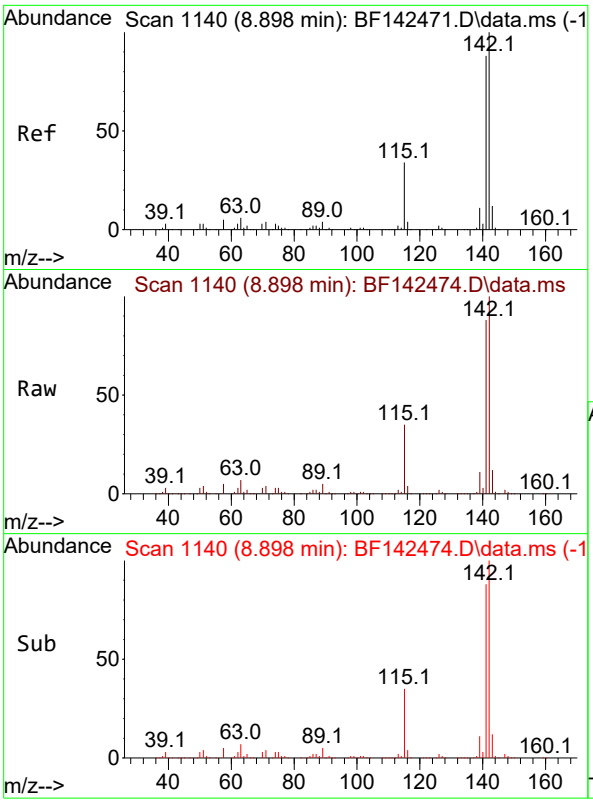


#36
4-Chloro-3-methylphenol
Concen: 74.674 ng
RT: 8.739 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:107 Resp: 388740

Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.9	31.3
142	81.3	64.2	96.2



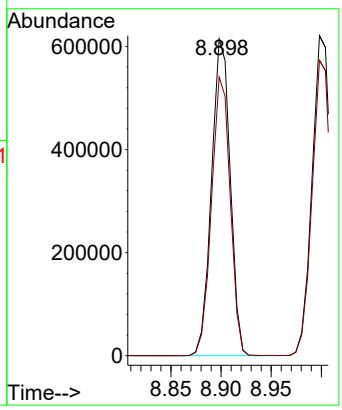


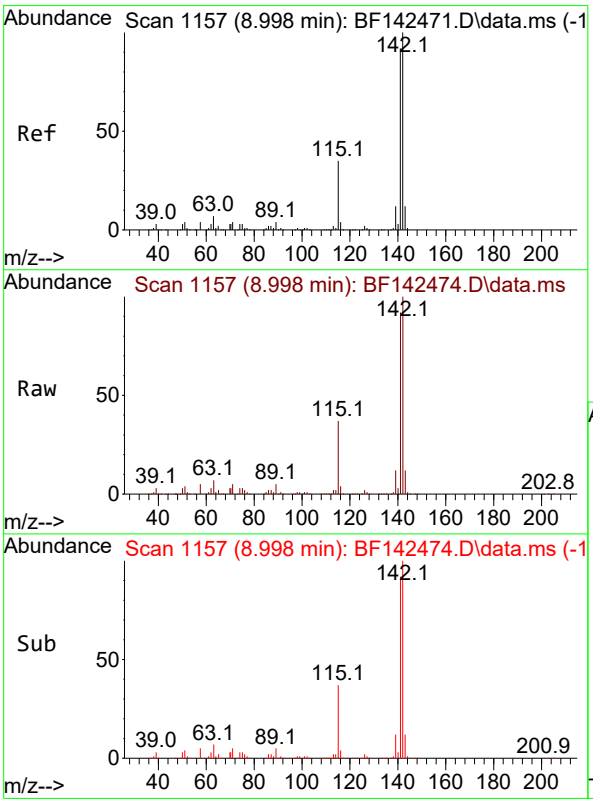
#37
2-Methylnaphthalene
Concen: 71.742 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 796463

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1

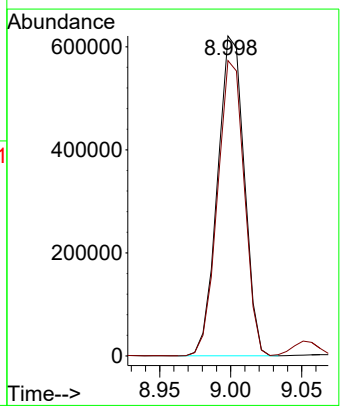


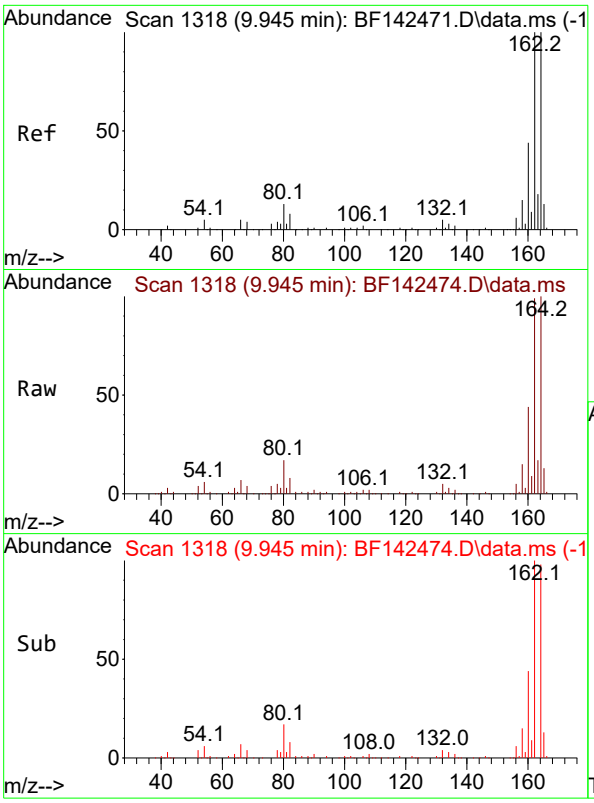


#38
1-Methylnaphthalene
Concen: 70.689 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:142 Resp: 811747

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.4	110.2



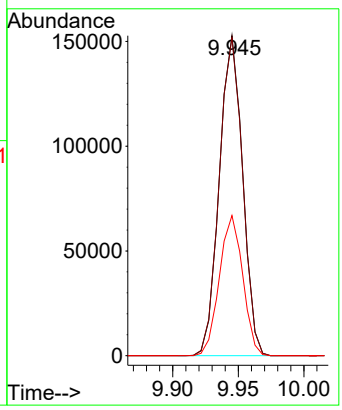


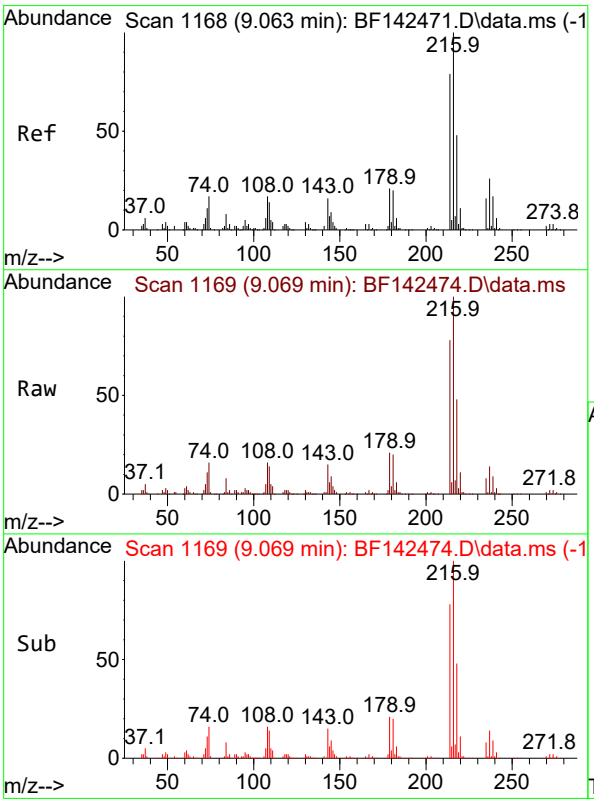
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 188198

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.4
160	43.8	35.6	53.4

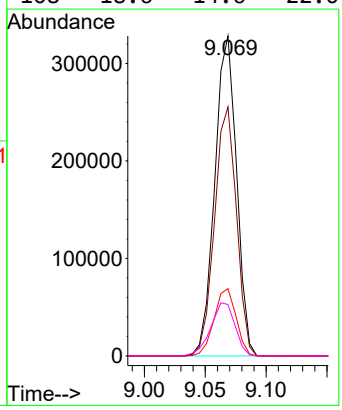


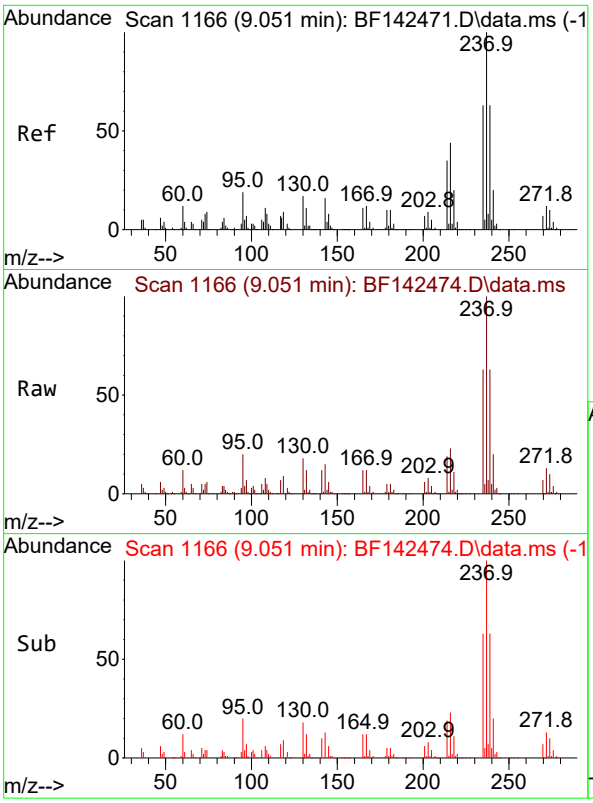


#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.740 ng
RT: 9.069 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:216 Resp: 409177

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.9	94.3
179	21.3	16.9	25.3
108	18.6	14.6	22.0



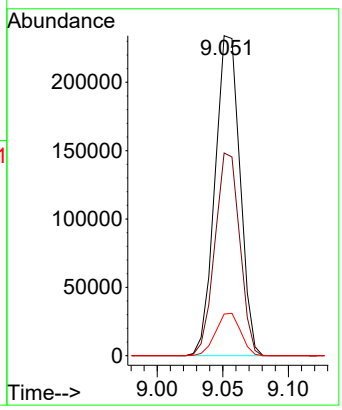


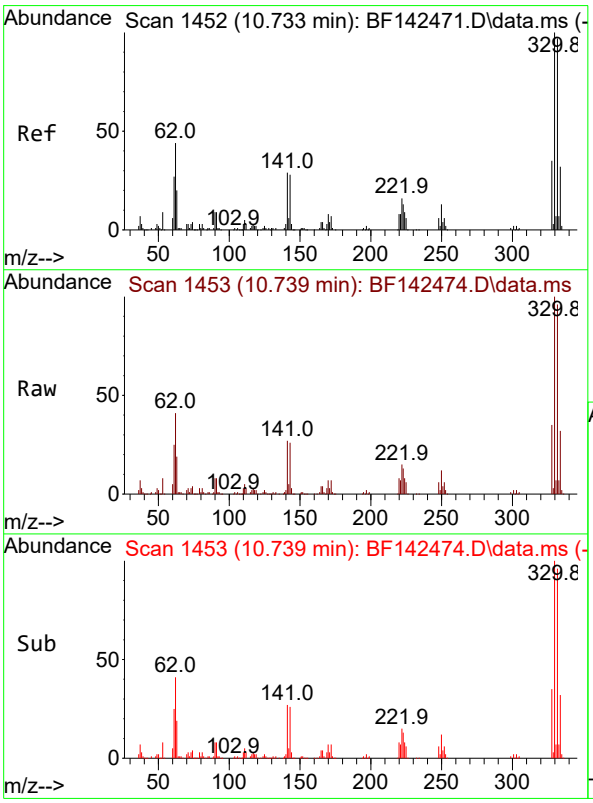
#41
Hexachlorocyclopentadiene
Concen: 84.936 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 309537

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	13.0	0.0	32.4

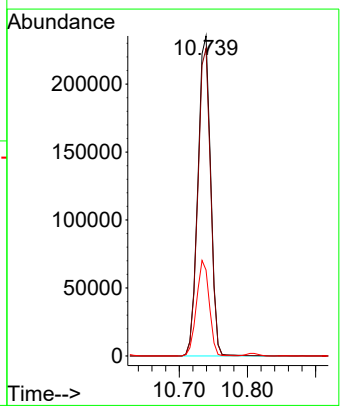


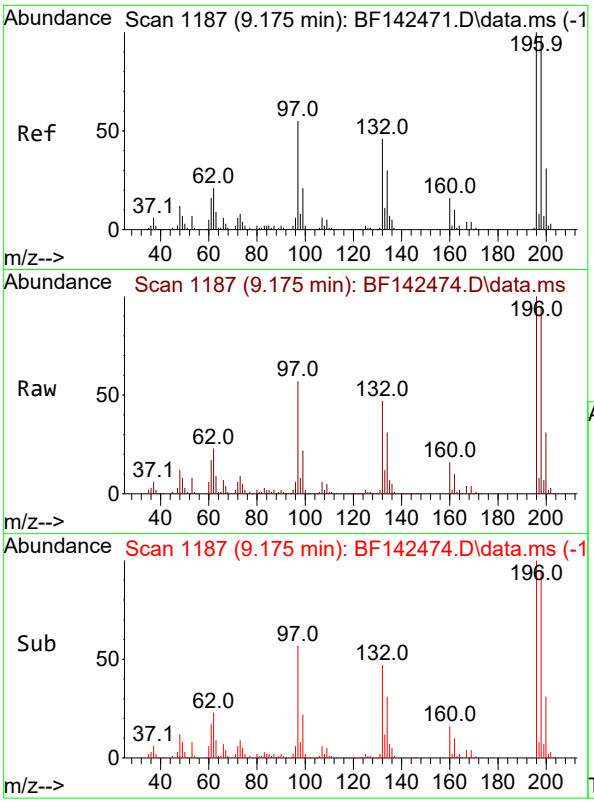


#42
2,4,6-Tribromophenol
Concen: 145.927 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:330 Resp: 304807

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	29.7	24.6	36.8



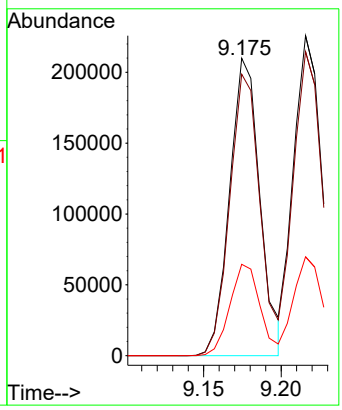


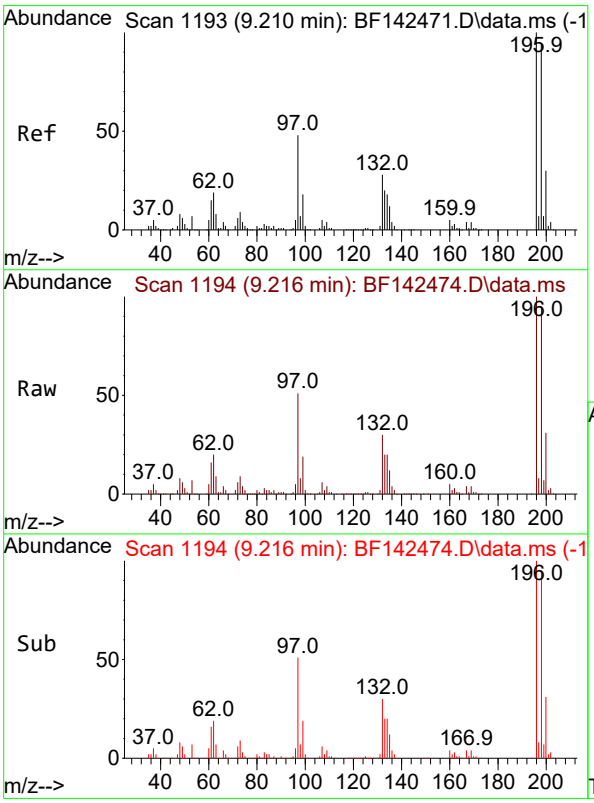
#43
2,4,6-Trichlorophenol
Concen: 78.254 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 285072

Ion	Ratio	Lower	Upper
196	100		
198	94.6	78.8	118.2
200	30.7	24.9	37.3

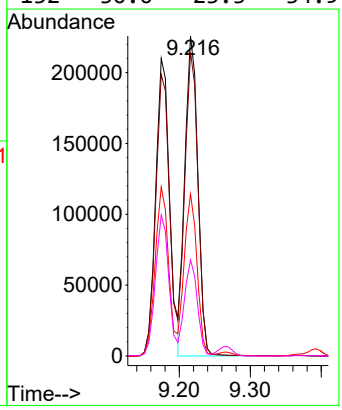


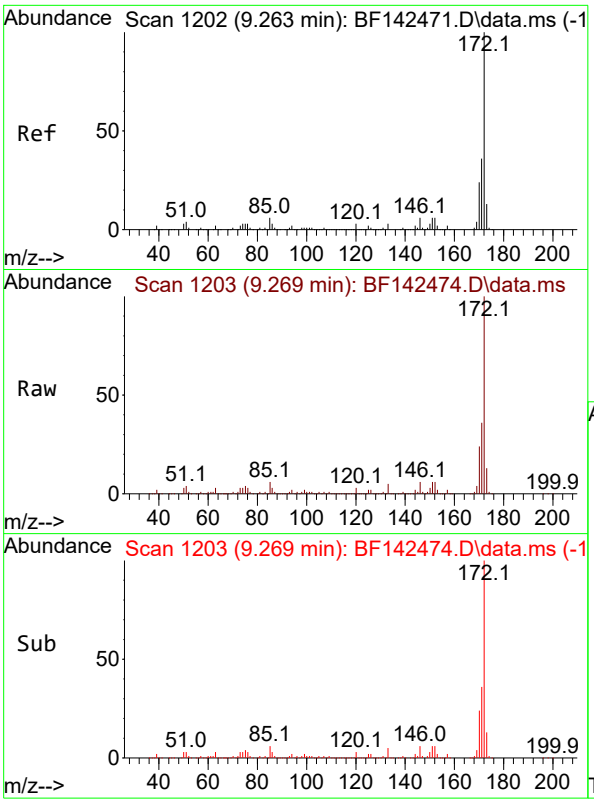


#44
2,4,5-Trichlorophenol
Concen: 74.712 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:196 Resp: 287041

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.5	113.3
97	50.6	39.3	58.9
132	30.0	23.3	34.9



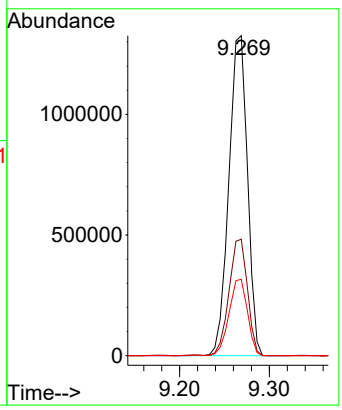


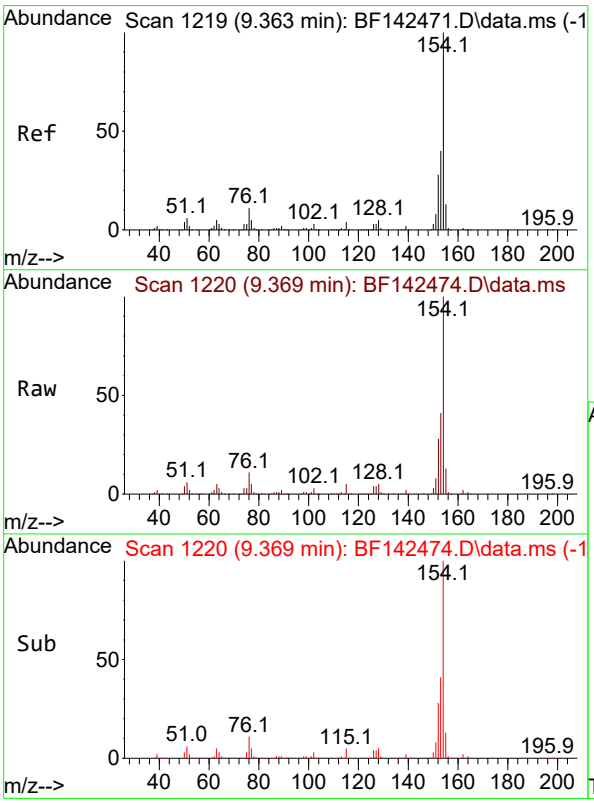
#45
2-Fluorobiphenyl
Concen: 136.080 ng
RT: 9.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 1908541

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	42.8
170	23.9	18.9	28.3

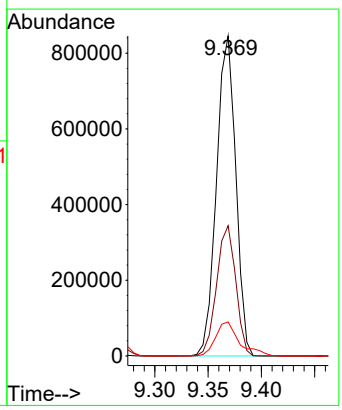


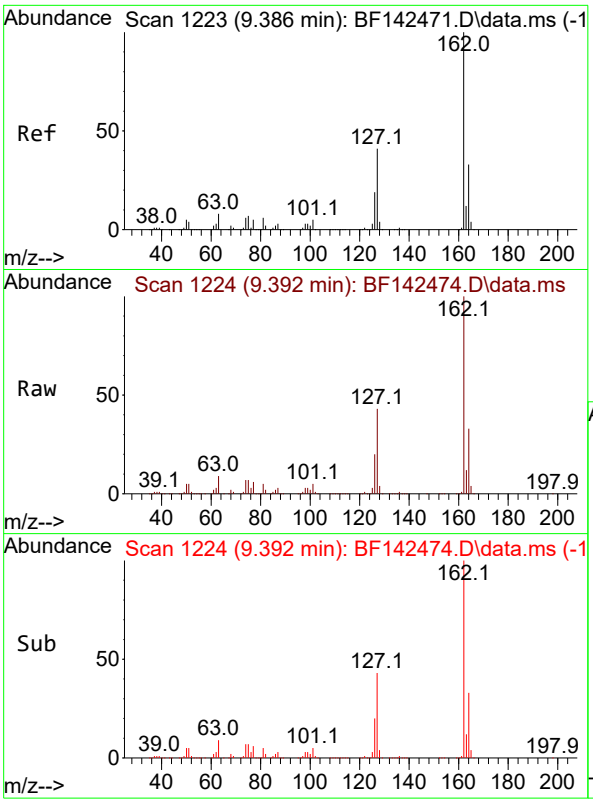


#46
1,1'-Biphenyl
Concen: 72.584 ng
RT: 9.369 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 1059787

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.7	0.0	30.8



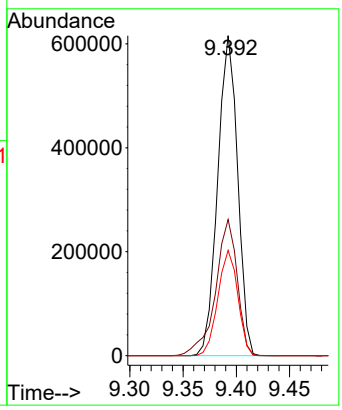


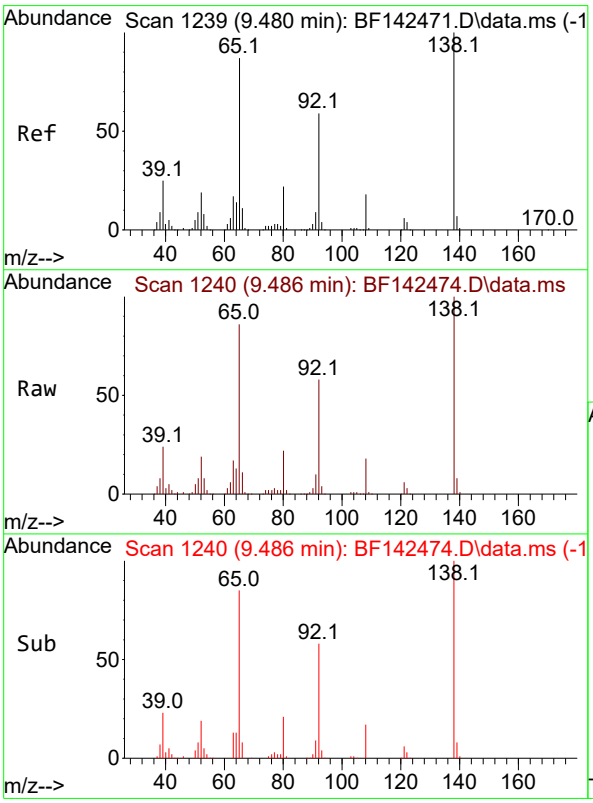
#47
2-Chloronaphthalene
Concen: 74.024 ng
RT: 9.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 798539

Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	32.9	26.1	39.1

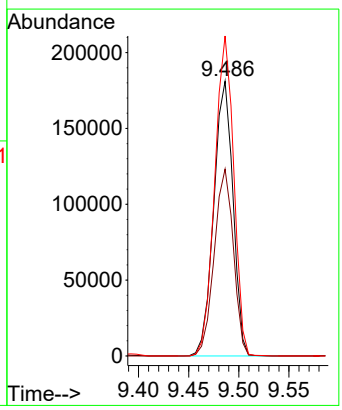


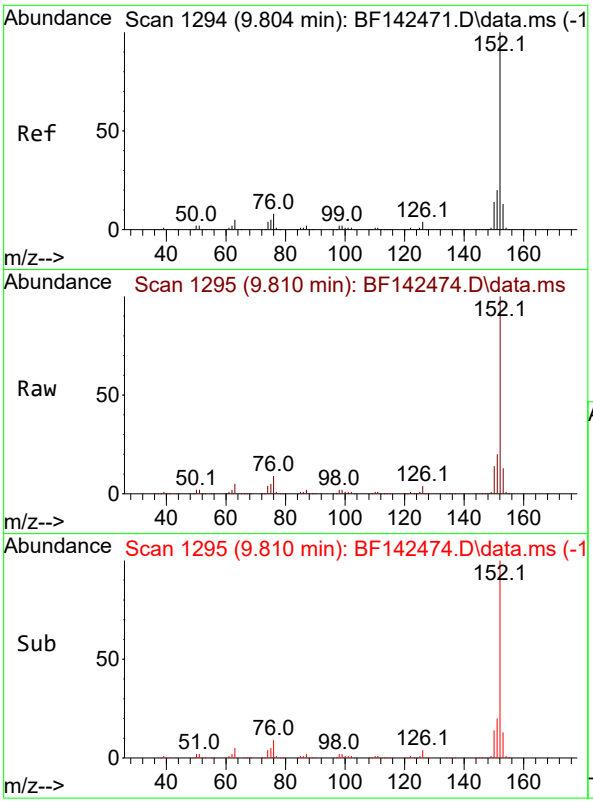


#48
2-Nitroaniline
Concen: 77.343 ng
RT: 9.486 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion: 65 Resp: 241162

Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.4	81.6
138	116.5	91.4	137.2



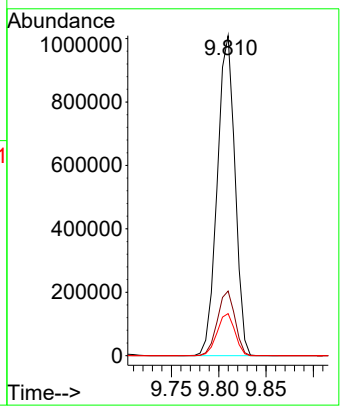


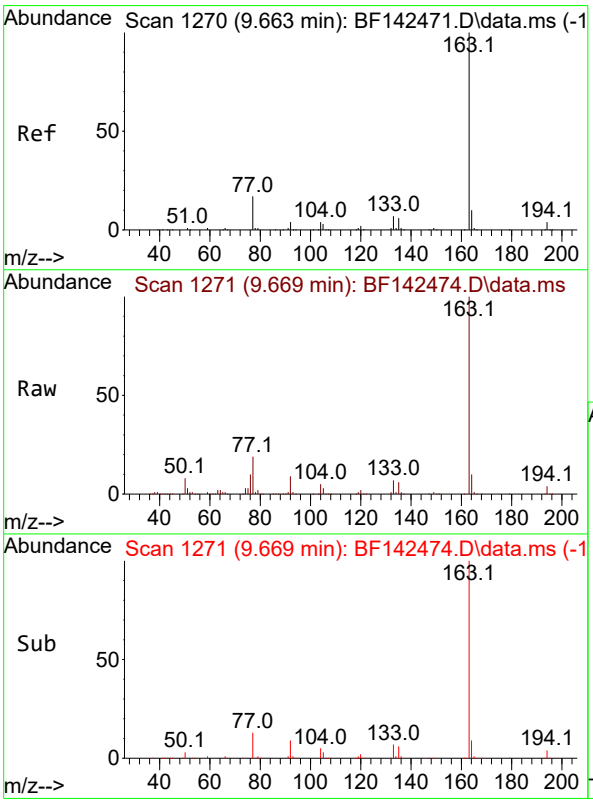
#49
Acenaphthylene
Concen: 72.118 ng
RT: 9.810 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1313668

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.1	10.6	15.8

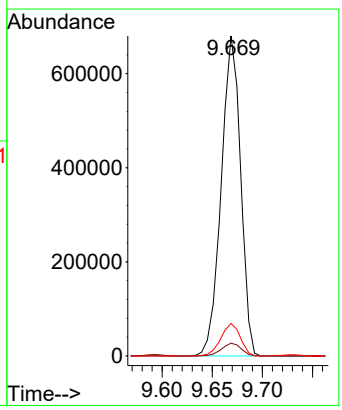


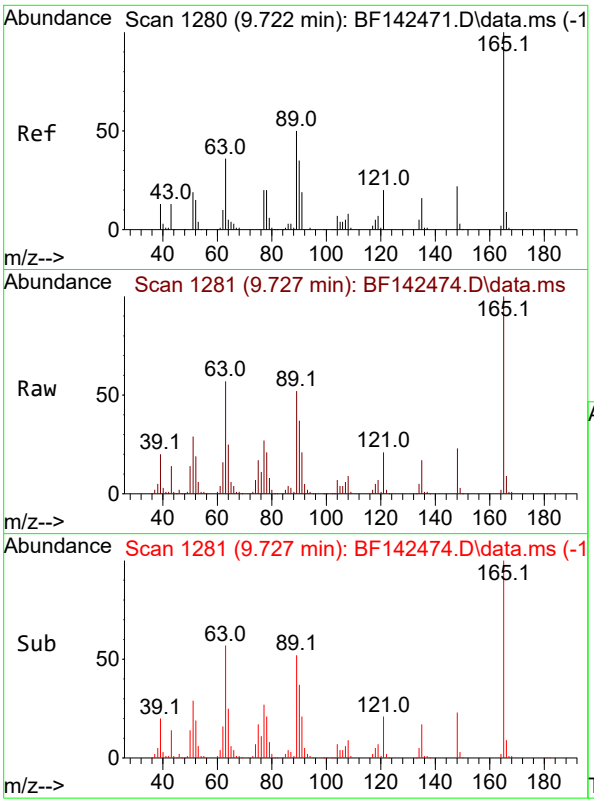


#50
Dimethylphthalate
Concen: 73.405 ng
RT: 9.669 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:163 Resp: 911534

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.1	8.2	12.4



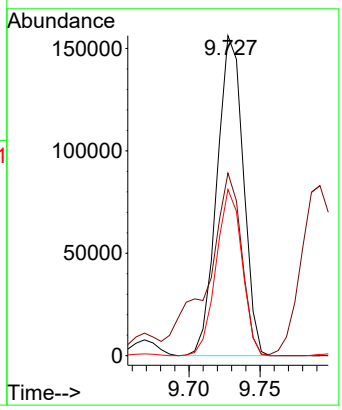


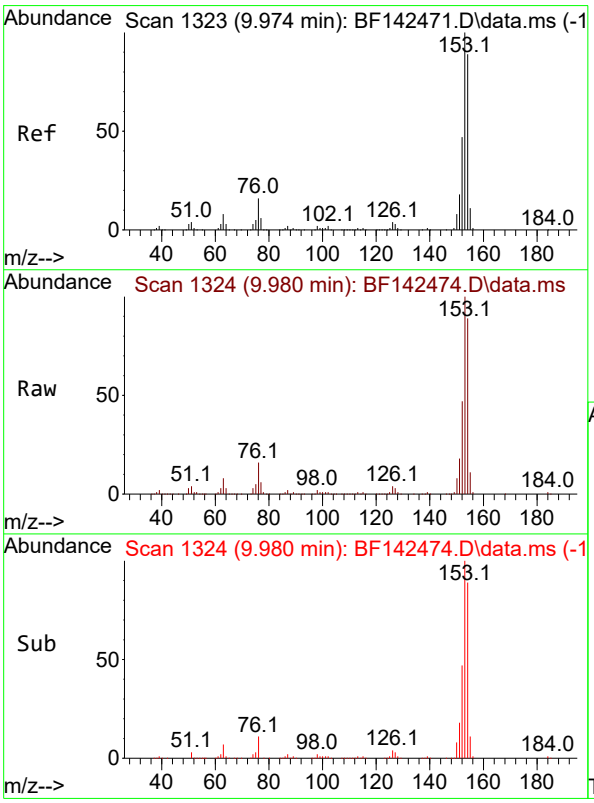
#51
2,6-Dinitrotoluene
Concen: 75.198 ng
RT: 9.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 201545

Ion	Ratio	Lower	Upper
165	100		
63	57.0	42.9	64.3
89	51.9	40.2	60.4

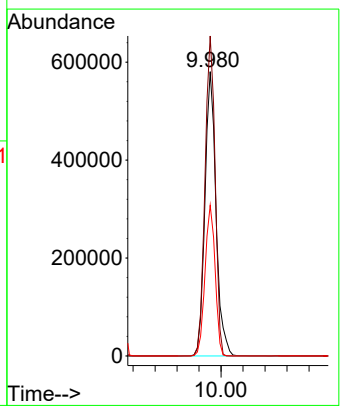


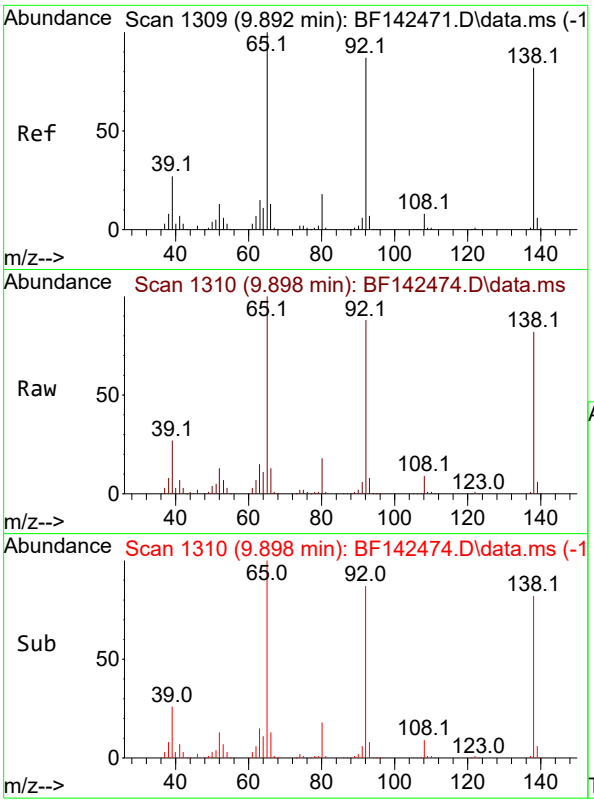


#52
Acenaphthene
Concen: 72.896 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:154 Resp: 810811

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	53.0	42.6	64.0



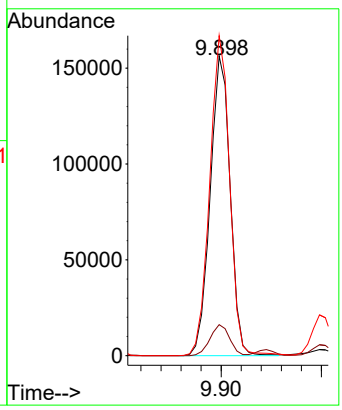


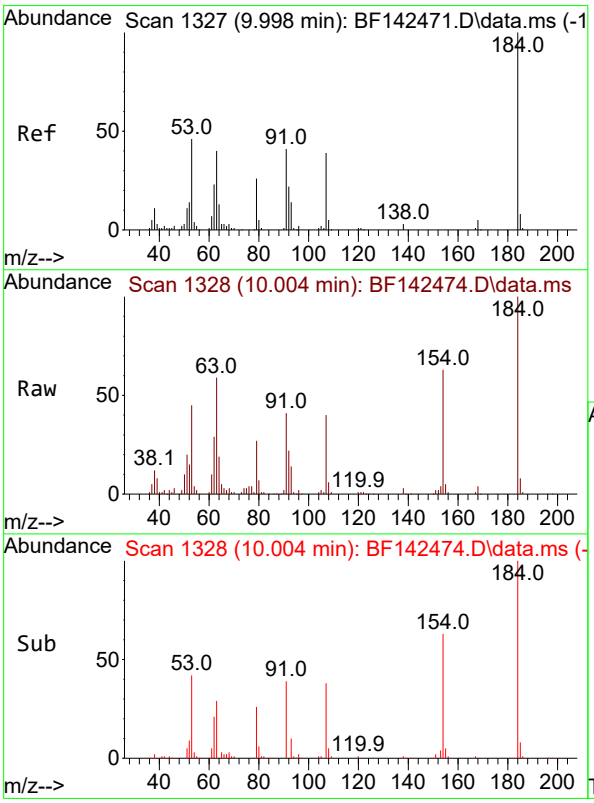
#53
3-Nitroaniline
Concen: 73.930 ng
RT: 9.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 216422

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	106.8	85.2	127.8

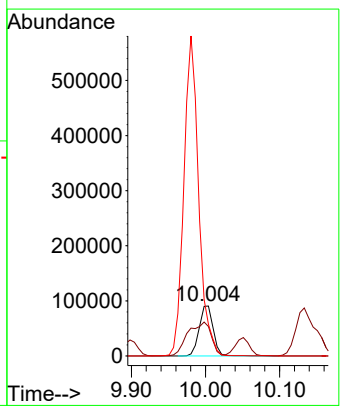


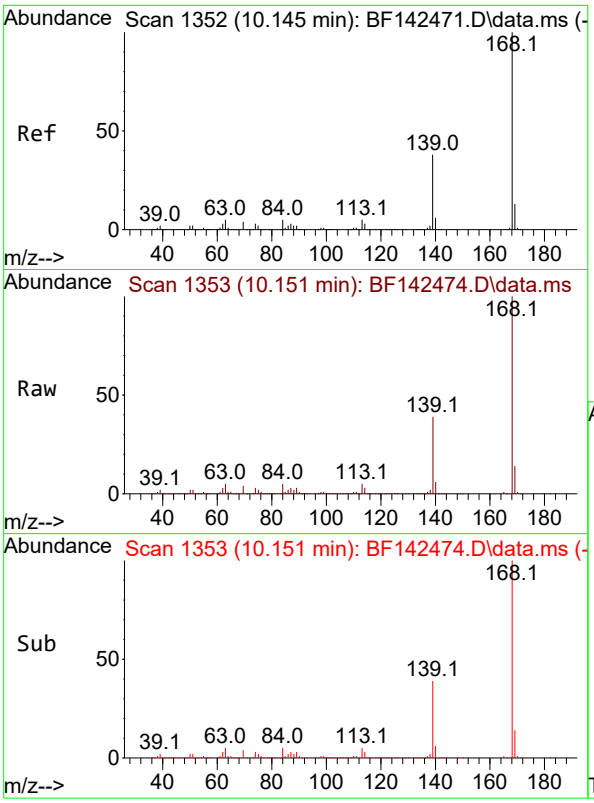


#54
2,4-Dinitrophenol
Concen: 85.999 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:184 Resp: 119082

Ion	Ratio	Lower	Upper
184	100		
63	59.2	46.3	69.5
154	63.4	56.8	85.2



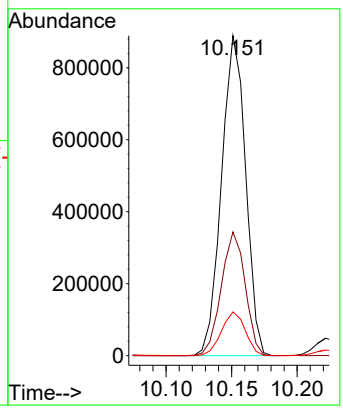


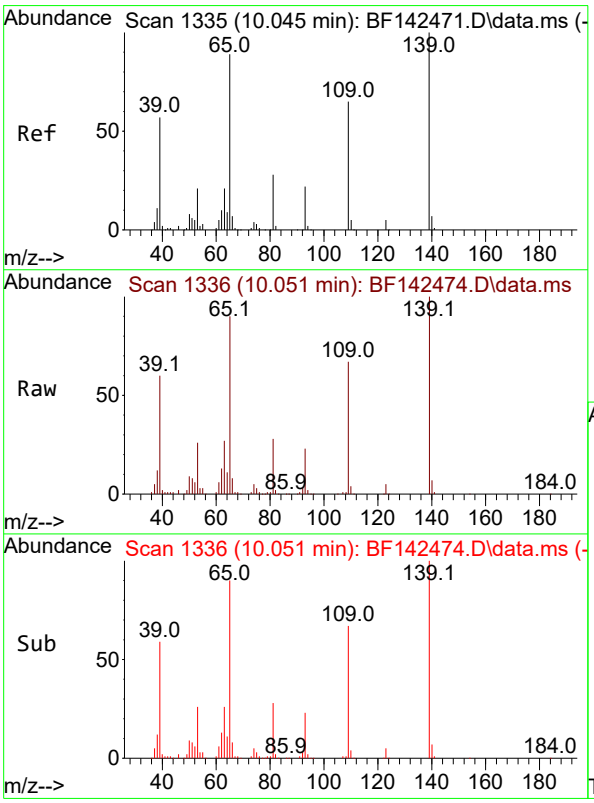
#55
Dibenzofuran
Concen: 70.990 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1136276

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	13.7	10.7	16.1

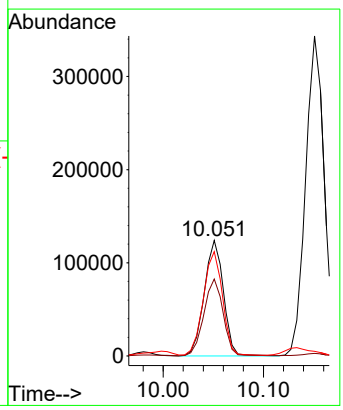


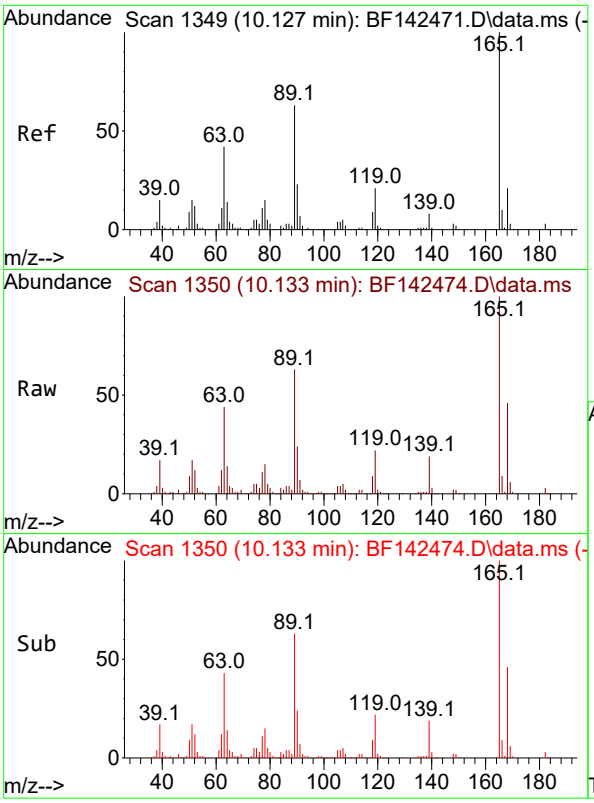


#56
4-Nitrophenol
Concen: 76.638 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:139 Resp: 165537

Ion	Ratio	Lower	Upper
139	100		
109	66.7	45.1	85.1
65	90.4	69.7	109.7



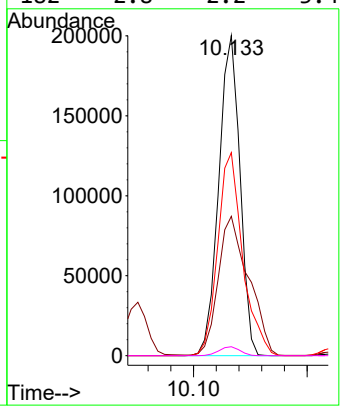


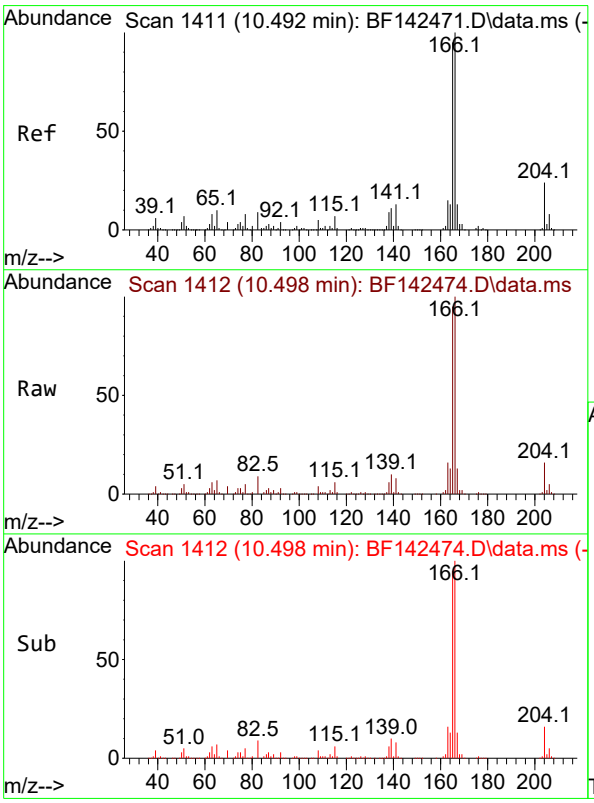
#57
2,4-Dinitrotoluene
Concen: 74.005 ng
RT: 10.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 259035

Ion	Ratio	Lower	Upper
165	100		
63	43.5	33.6	50.4
89	63.5	50.2	75.4
182	2.8	2.2	3.4

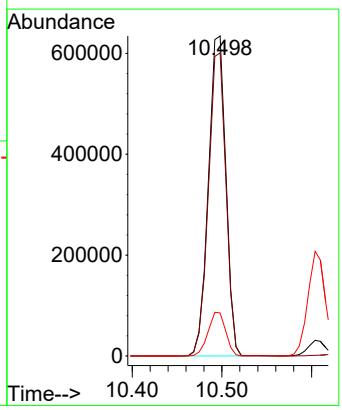


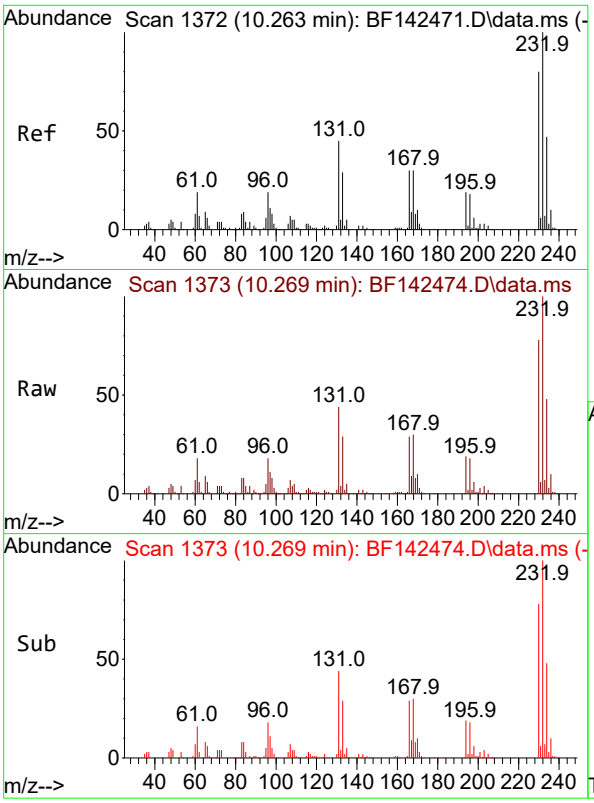


#58
Fluorene
Concen: 69.377 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:166 Resp: 857882

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.8	113.8
167	13.5	10.6	16.0



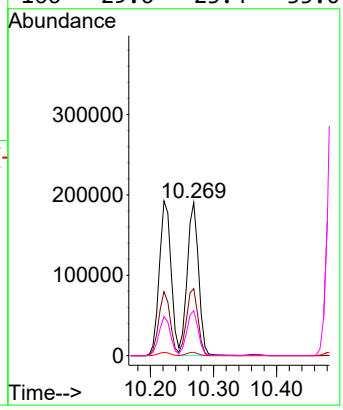


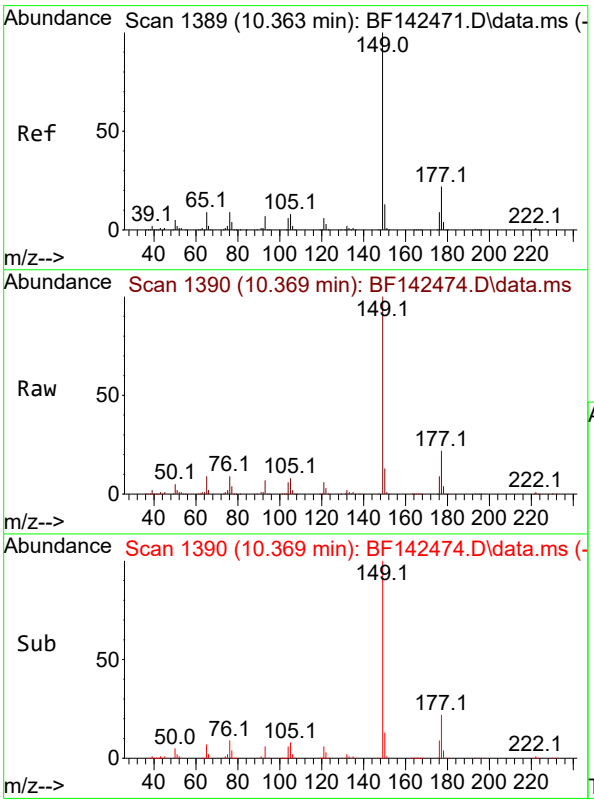
#59
2,3,4,6-Tetrachlorophenol
Concen: 74.324 ng
RT: 10.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 238382

Ion	Ratio	Lower	Upper
232	100		
131	44.6	35.2	52.8
130	2.2	1.7	2.5
166	29.6	23.4	35.0

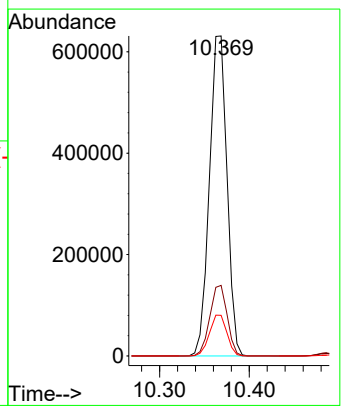


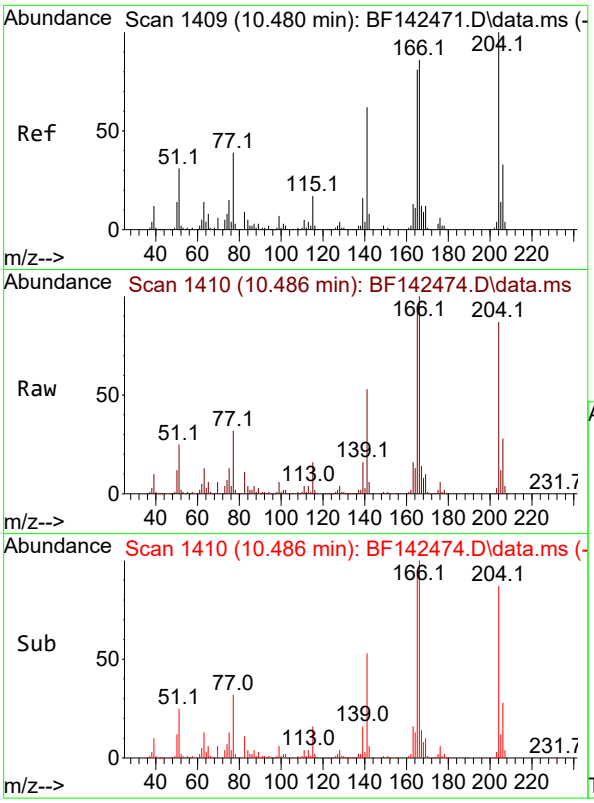


#60
Diethylphthalate
Concen: 70.773 ng
RT: 10.369 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 858326

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.7	10.1	15.1



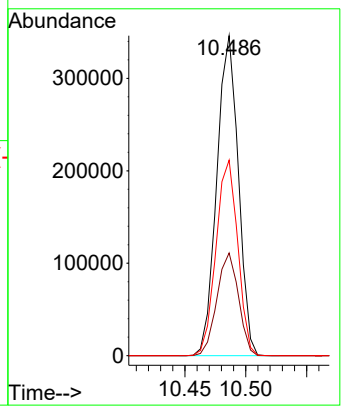


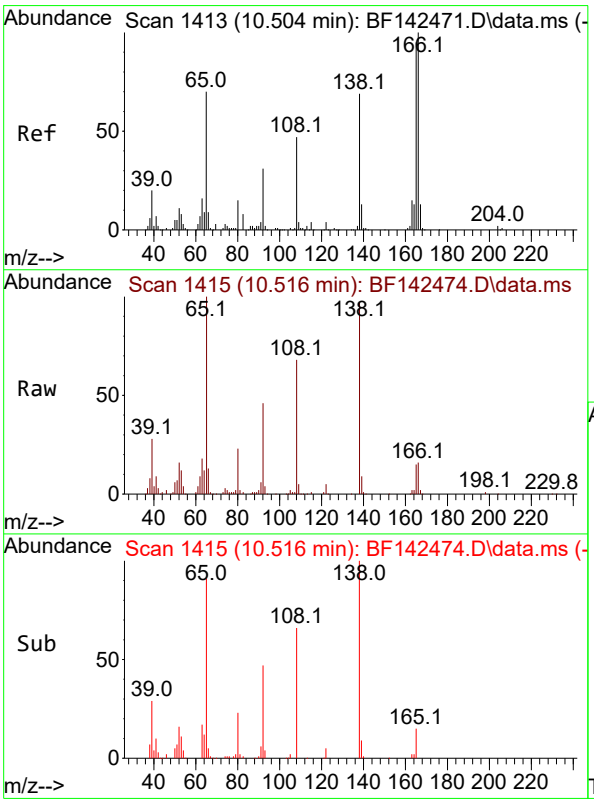
#61
4-Chlorophenyl-phenylether
Concen: 70.193 ng
RT: 10.486 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 426386

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	61.1	49.5	74.3

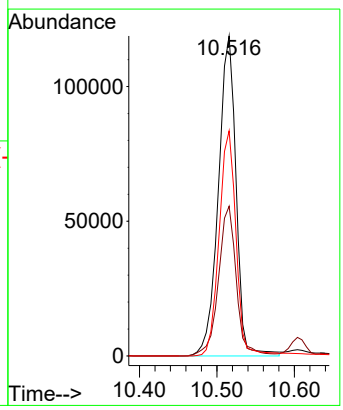


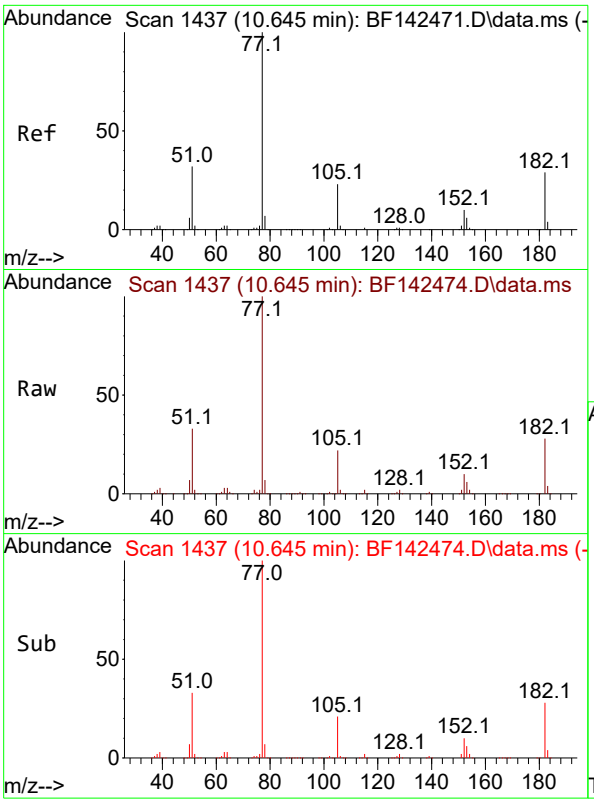


#62
4-Nitroaniline
Concen: 71.105 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:138 Resp: 188782

Ion	Ratio	Lower	Upper
138	100		
92	46.8	26.0	66.0
108	70.3	48.4	88.4



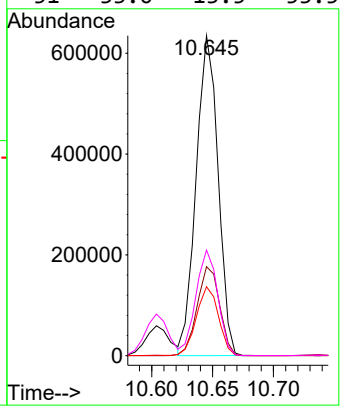


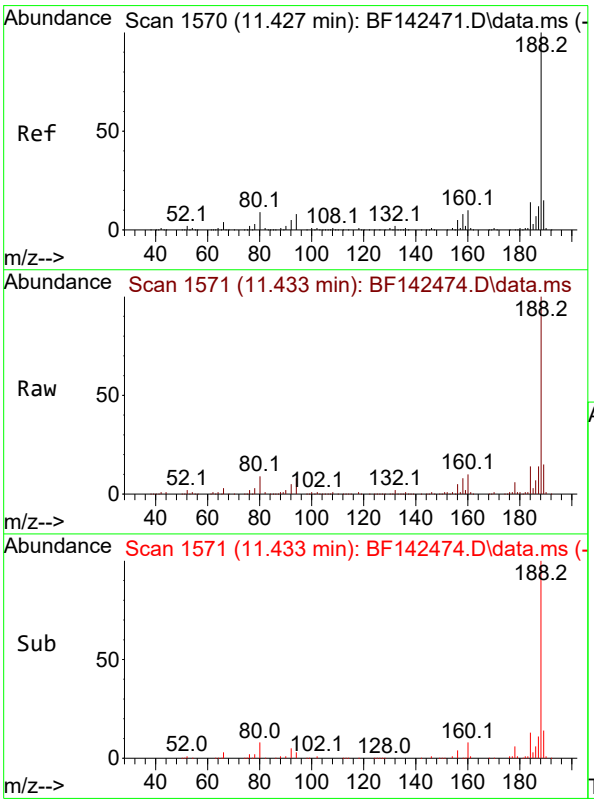
#63
Azobenzene
Concen: 72.893 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 794029

Ion	Ratio	Lower	Upper
77	100		
182	27.8	9.0	49.0
105	21.5	2.4	42.4
51	33.0	13.5	53.5

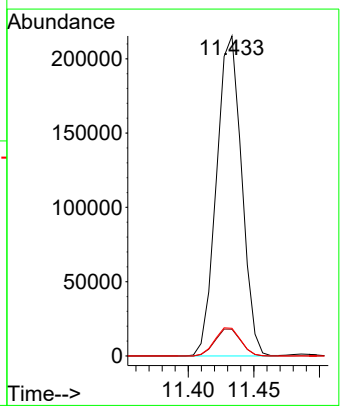


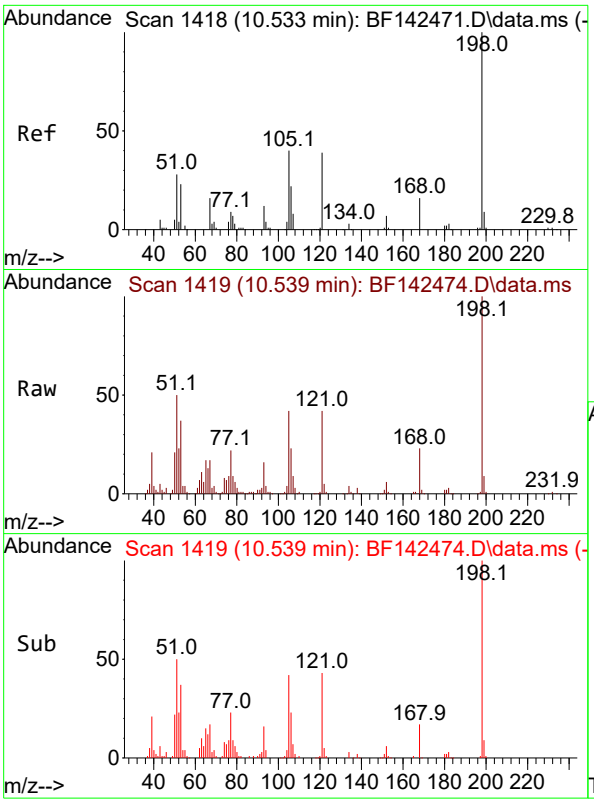


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:188 Resp: 287337

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.6	10.0
80	8.6	7.4	11.0



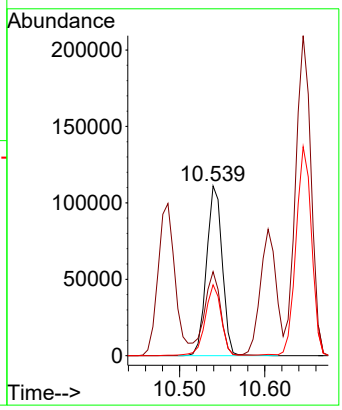


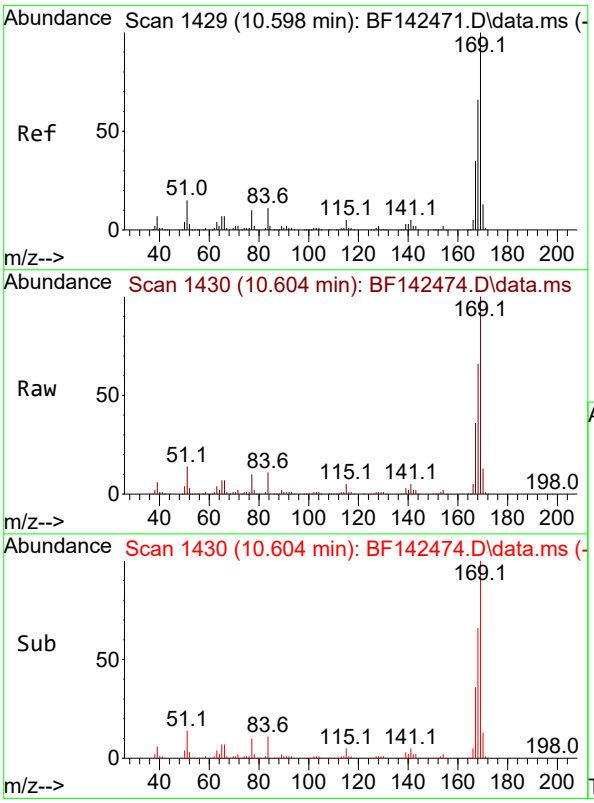
#65
4,6-Dinitro-2-methylphenol
Concen: 88.468 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 141863

Ion	Ratio	Lower	Upper
198	100		
51	49.5	28.3	68.3
105	41.7	21.3	61.3

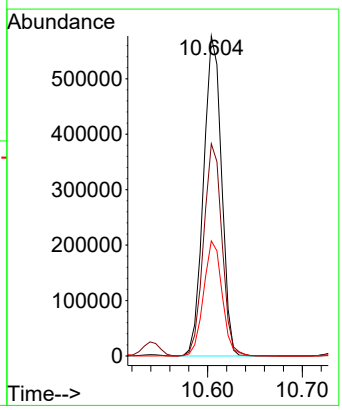


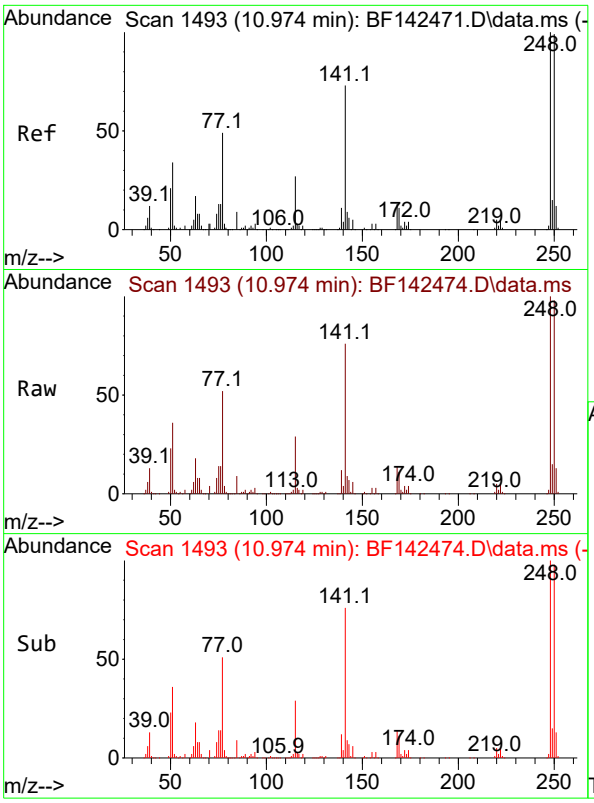


#66
n-Nitrosodiphenylamine
Concen: 77.145 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:169 Resp: 758366

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	35.9	28.3	42.5



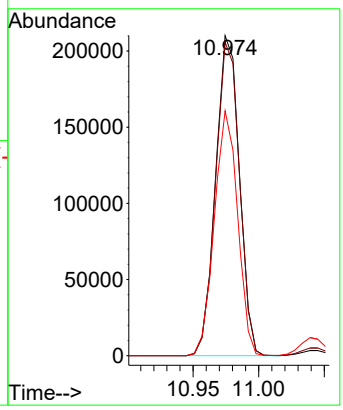


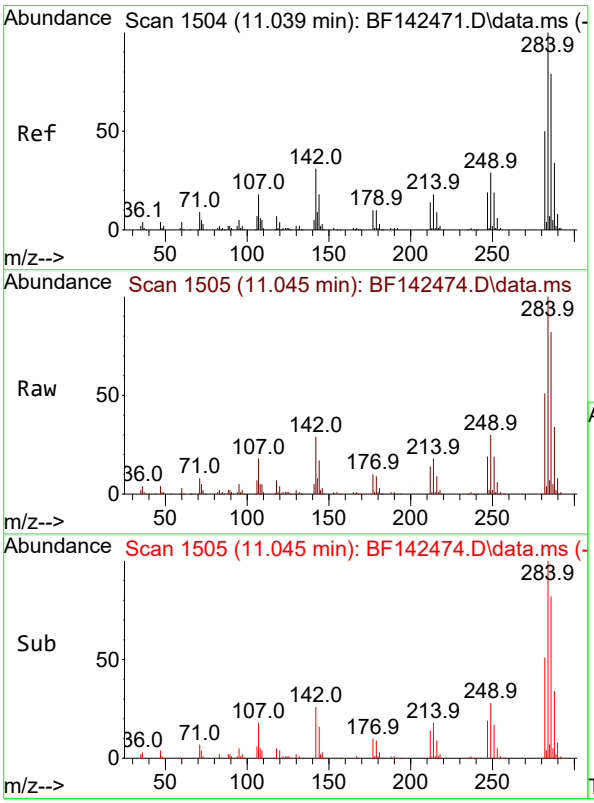
#67
4-Bromophenyl-phenylether
Concen: 77.920 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 264739

Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.4
141	76.5	58.4	87.6

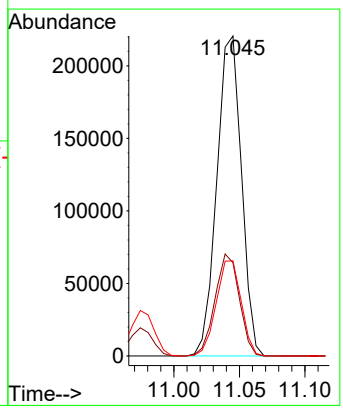


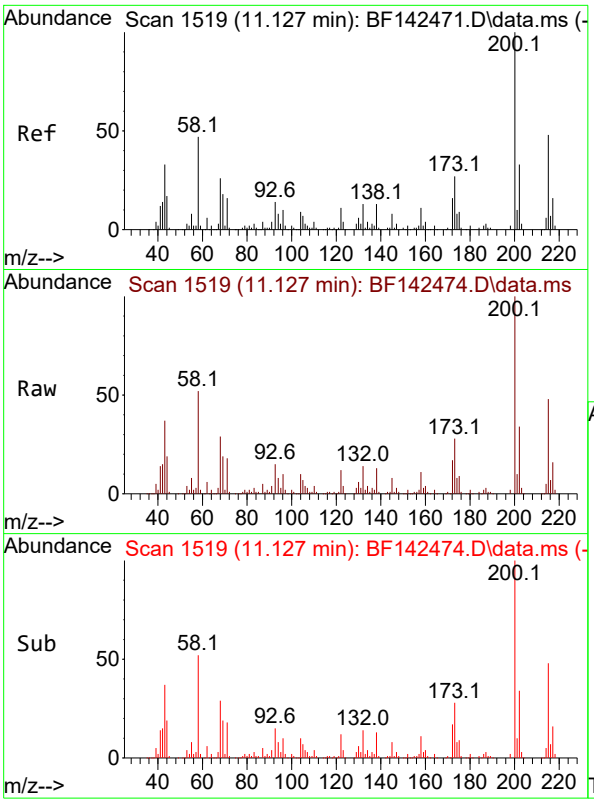


#68
Hexachlorobenzene
Concen: 76.555 ng
RT: 11.045 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:284 Resp: 287676

Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.8	37.2
249	29.8	23.6	35.4



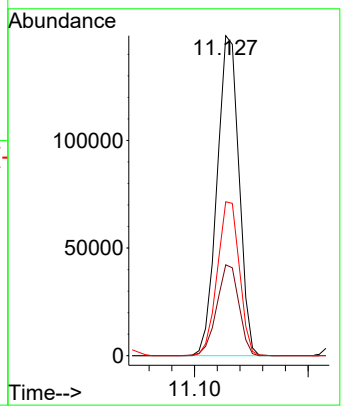


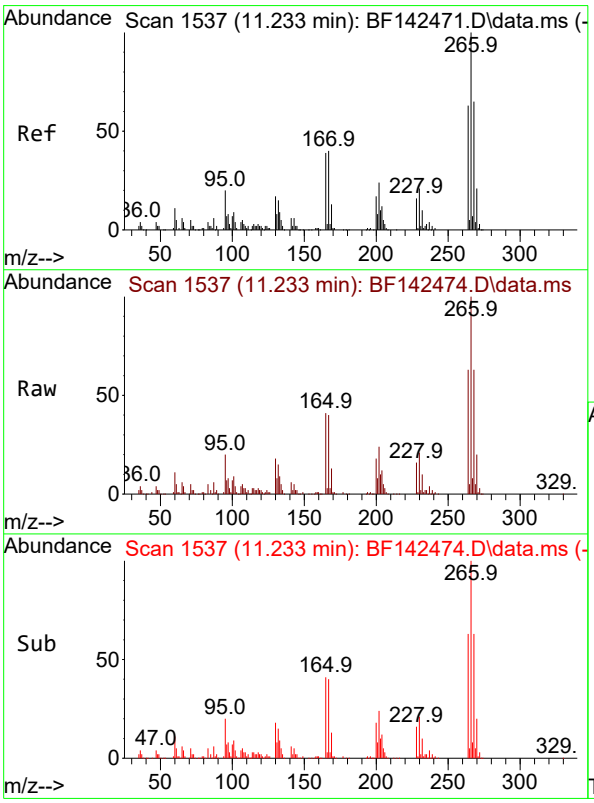
#69
Atrazine
Concen: 76.581 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 199929

Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.4	47.4
215	48.1	28.5	68.5

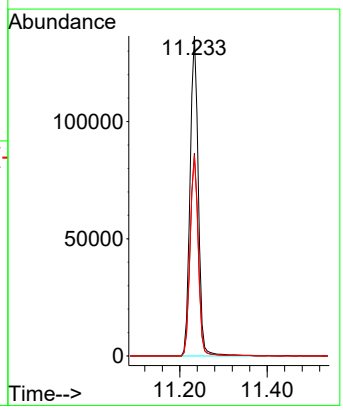


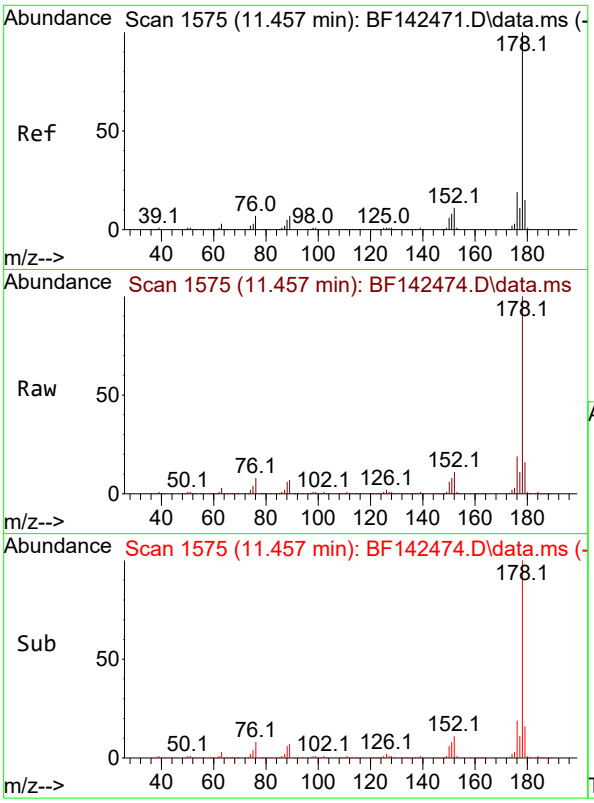


#70
Pentachlorophenol
Concen: 83.666 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:266 Resp: 177504

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	62.5	50.4	75.6



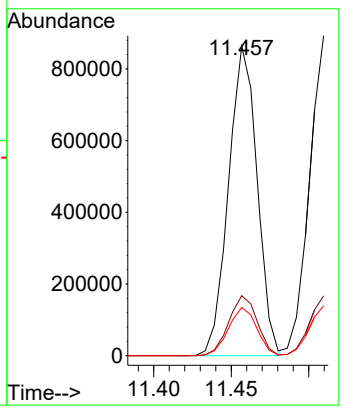


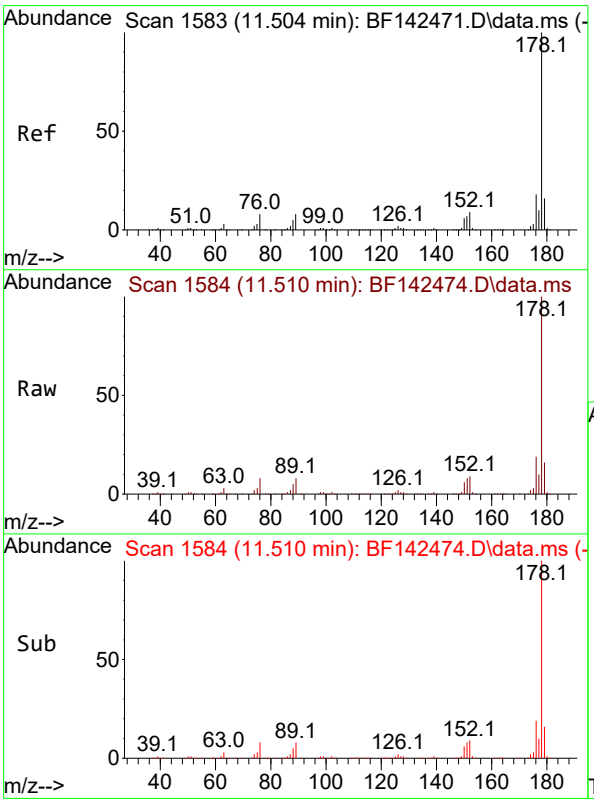
#71
Phenanthrene
Concen: 72.134 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1107683

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.5	12.3	18.5

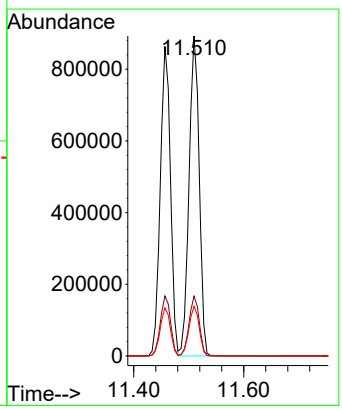


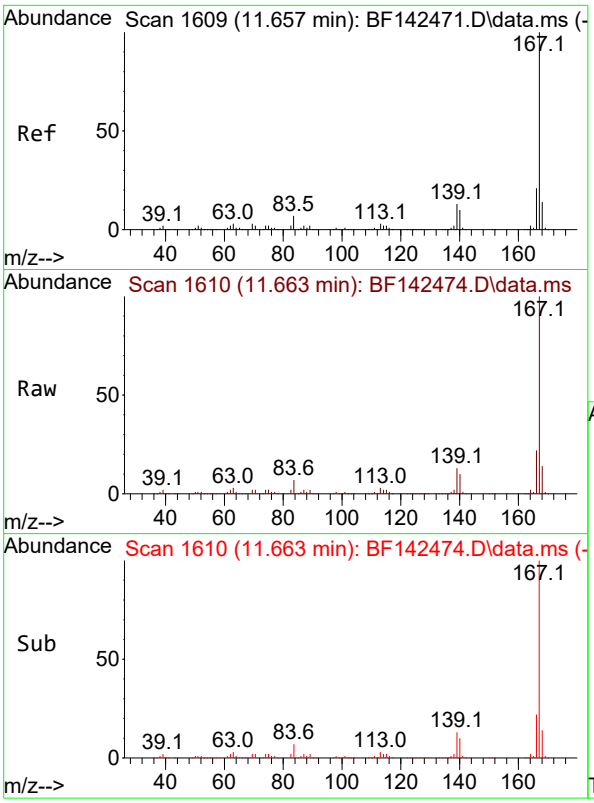


#72
Anthracene
Concen: 73.009 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:178 Resp: 1144182

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.5	12.4	18.6



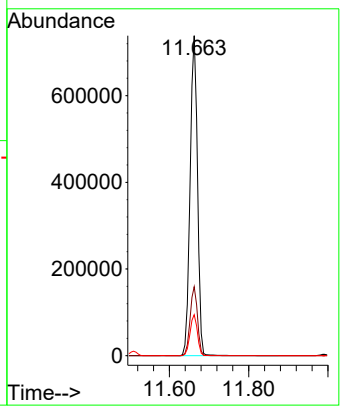


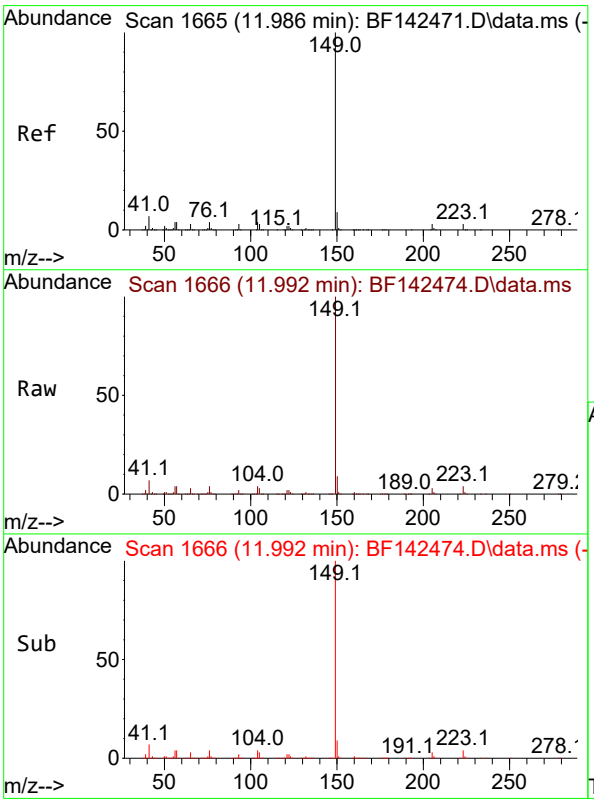
#73
Carbazole
Concen: 71.360 ng
RT: 11.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 956069

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.8	10.2	15.4

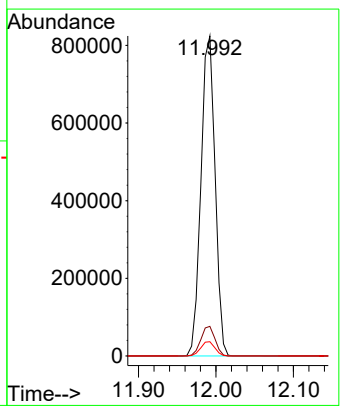


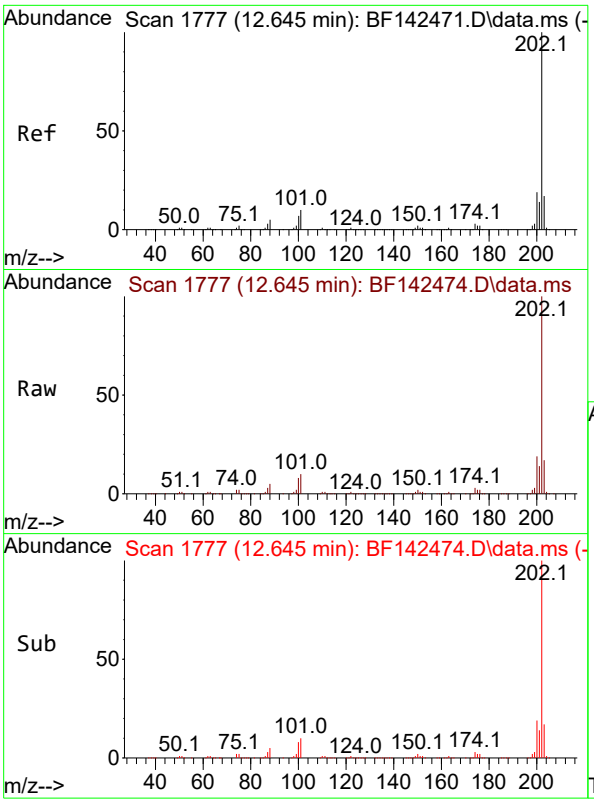


#74
Di-n-butylphthalate
Concen: 71.153 ng
RT: 11.992 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 1043468

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.6	5.4



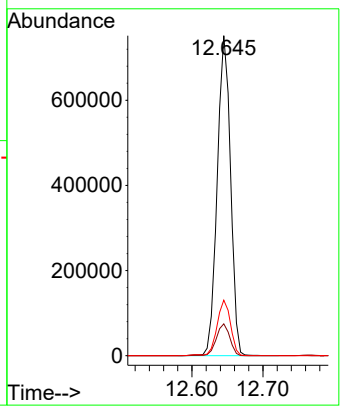


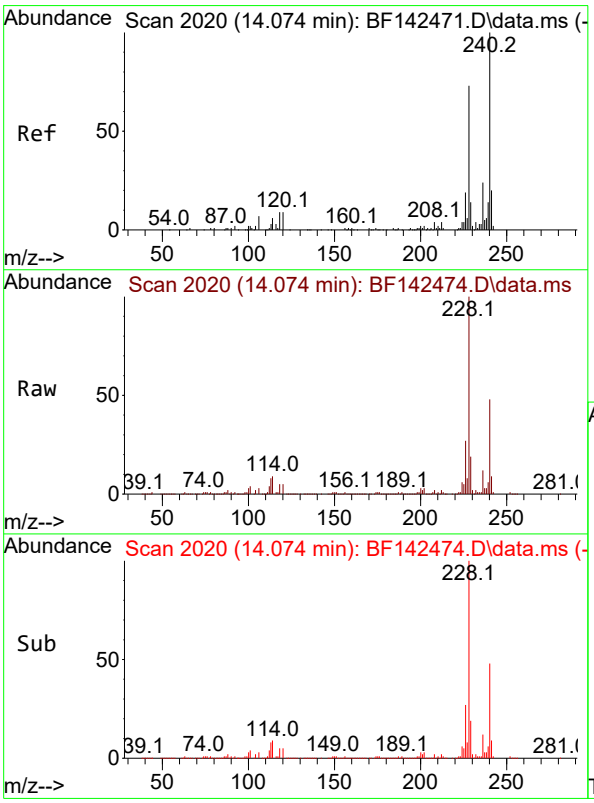
#75
Fluoranthene
Concen: 67.750 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 972105

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	17.4	0.0	37.2

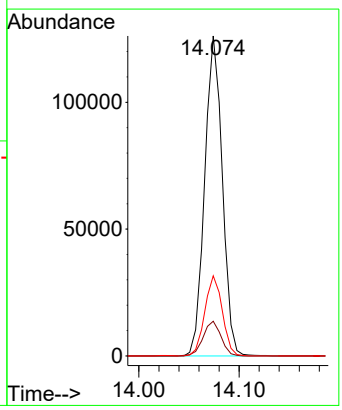


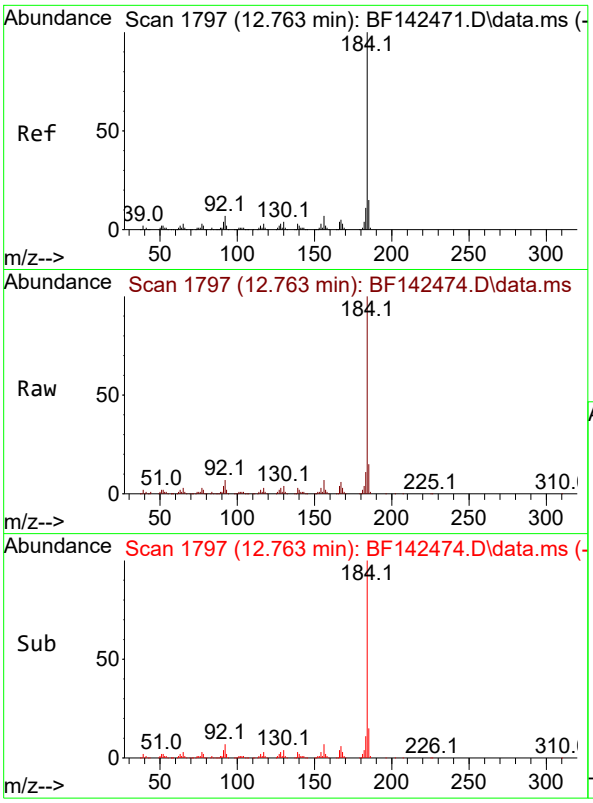


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:240 Resp: 154555

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.5	11.3
236	25.1	19.6	29.4



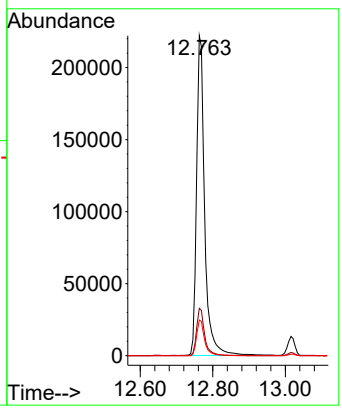


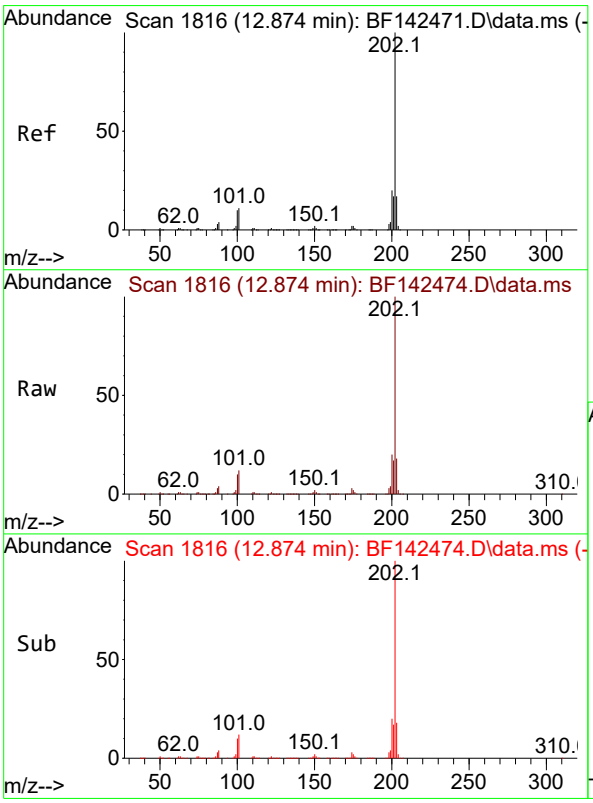
#77
Benzidine
Concen: 59.795 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 343909

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.2	9.0	13.4

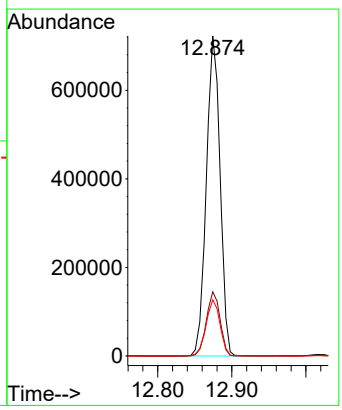


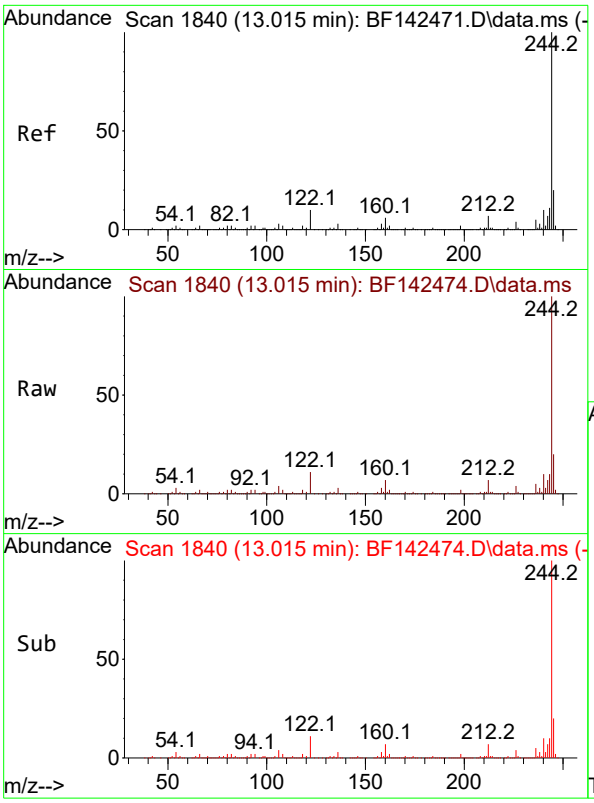


#78
Pyrene
Concen: 64.632 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:202 Resp: 931844

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.1	24.1
203	17.5	13.9	20.9



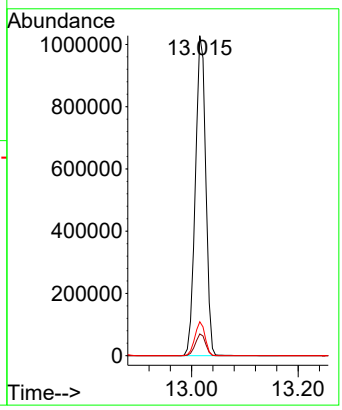


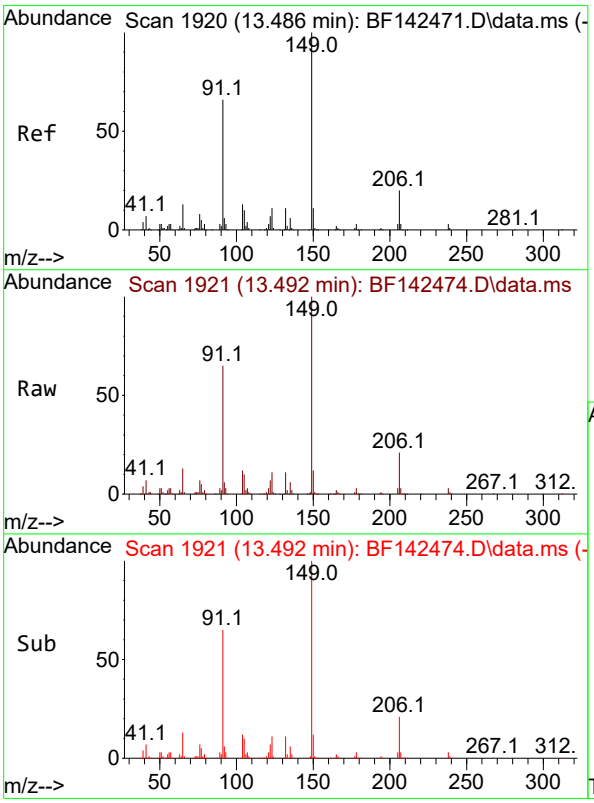
#79
Terphenyl-d14
Concen: 123.140 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 1392704

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.6	8.2	12.2

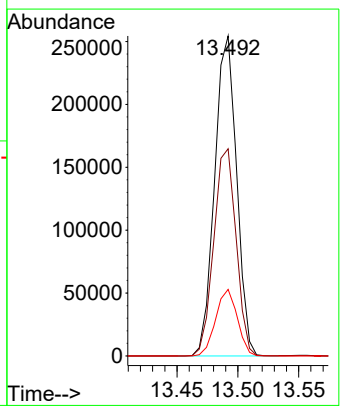


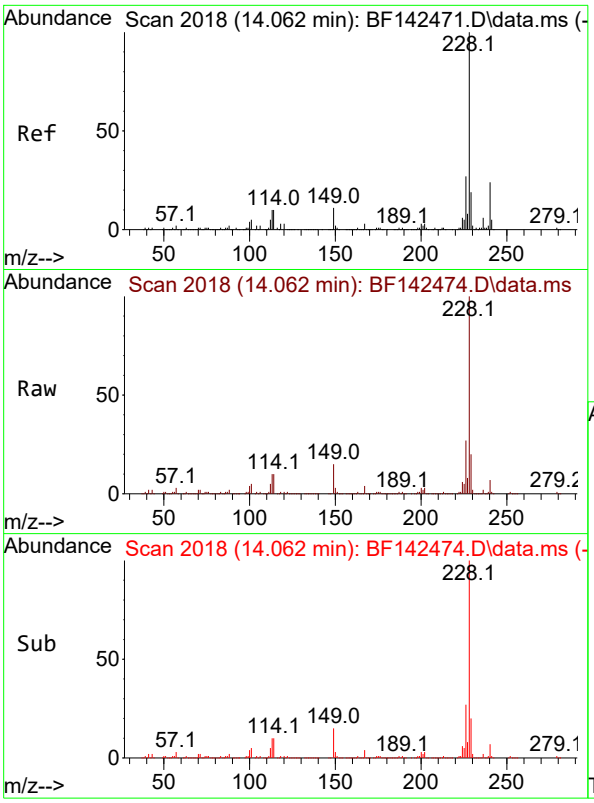


#80
Butylbenzylphthalate
Concen: 80.252 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 319716

Ion	Ratio	Lower	Upper
149	100		
91	64.7	52.9	79.3
206	20.8	16.2	24.2



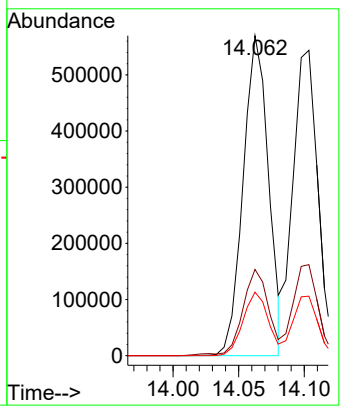


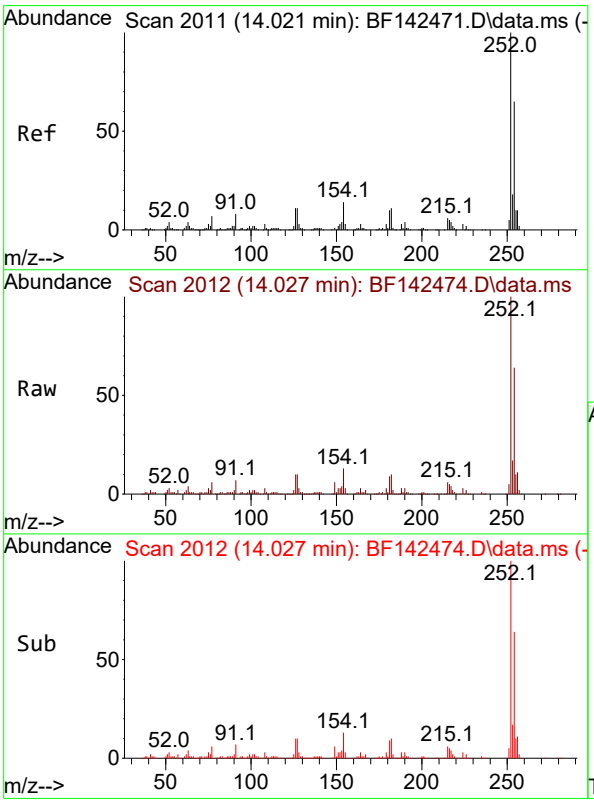
#81
Benzo(a)anthracene
Concen: 74.167 ng
RT: 14.062 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 765441

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.9	15.5	23.3

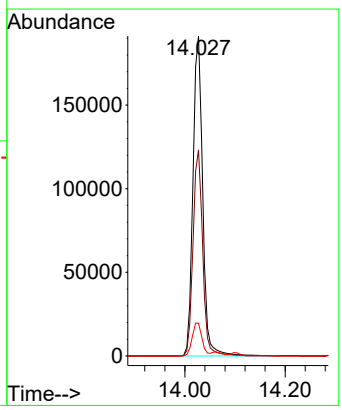


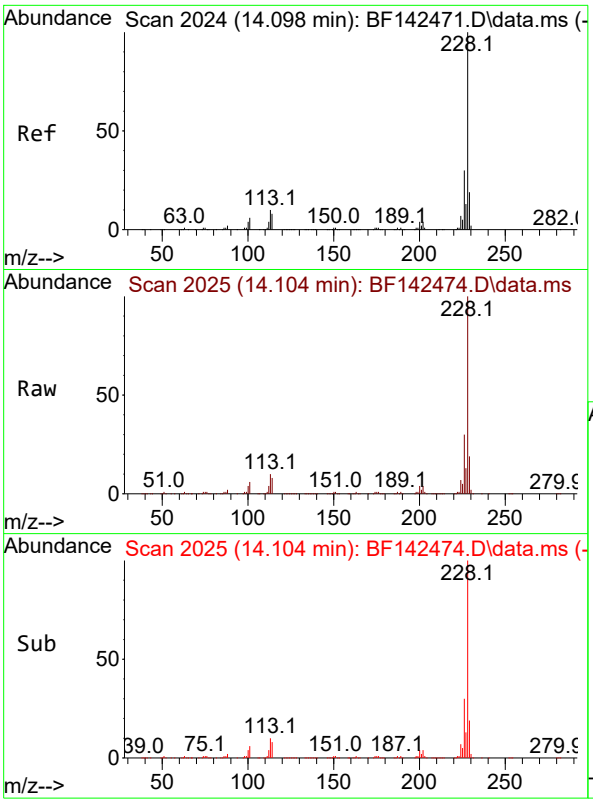


#82
3,3'-Dichlorobenzidine
Concen: 82.274 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 257542

Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	10.2	8.9	13.3



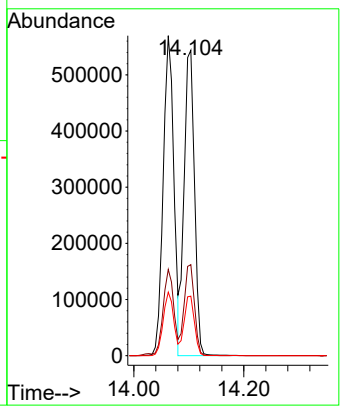


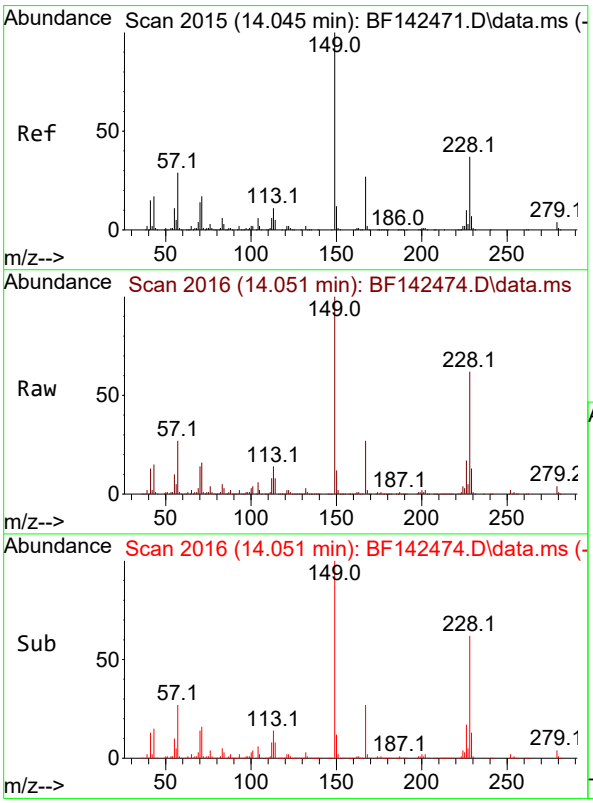
#83
Chrysene
Concen: 77.206 ng
RT: 14.104 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 715970

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.5	15.4	23.2

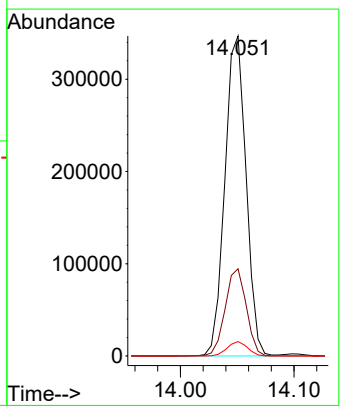


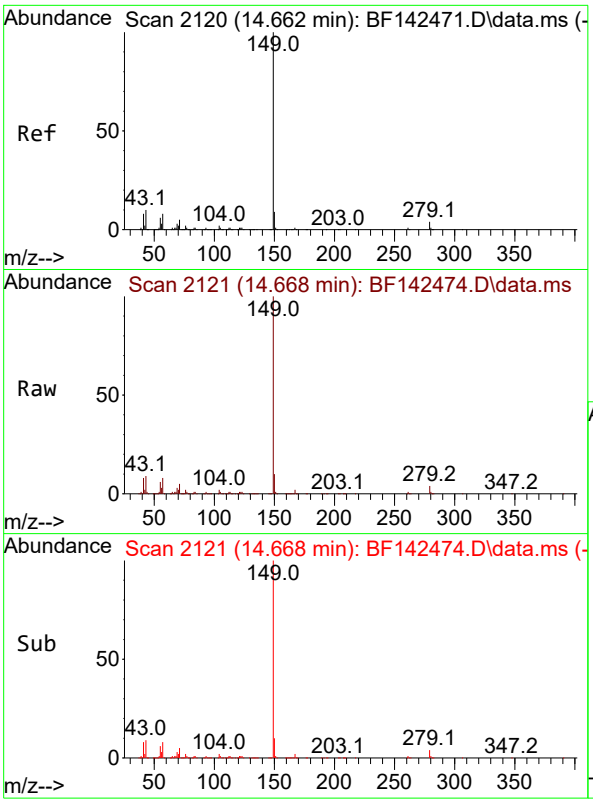


#84
Bis(2-ethylhexyl)phthalate
Concen: 88.168 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:149 Resp: 449654

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.5	32.3
279	4.5	3.2	4.8



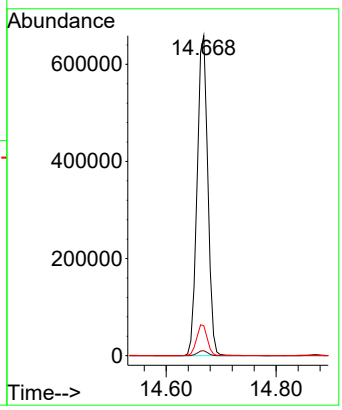


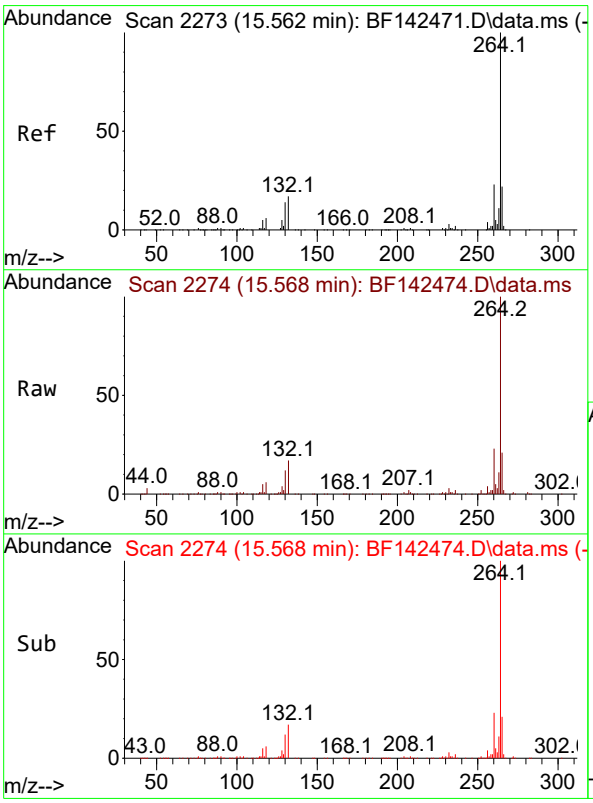
#85
Di-n-octyl phthalate
Concen: 89.073 ng
RT: 14.668 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 888230

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	7.9	11.9

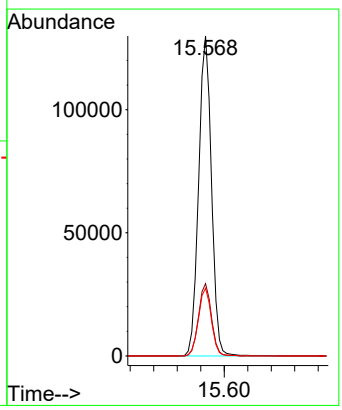


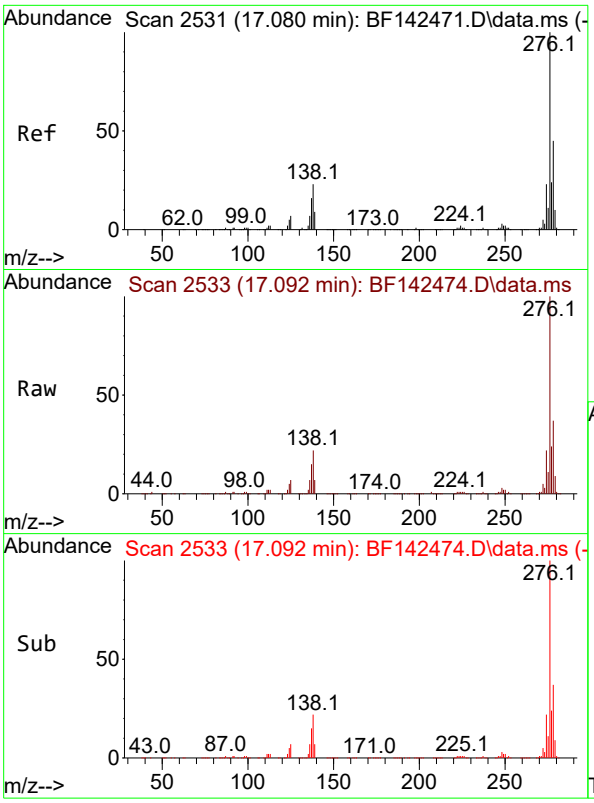


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:264 Resp: 196342

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	21.2	17.7	26.5



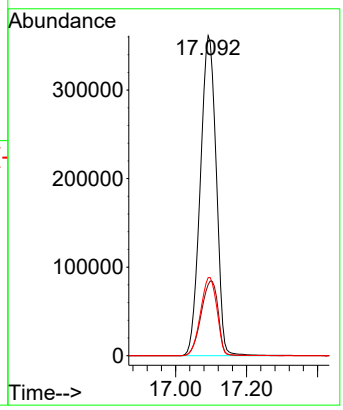


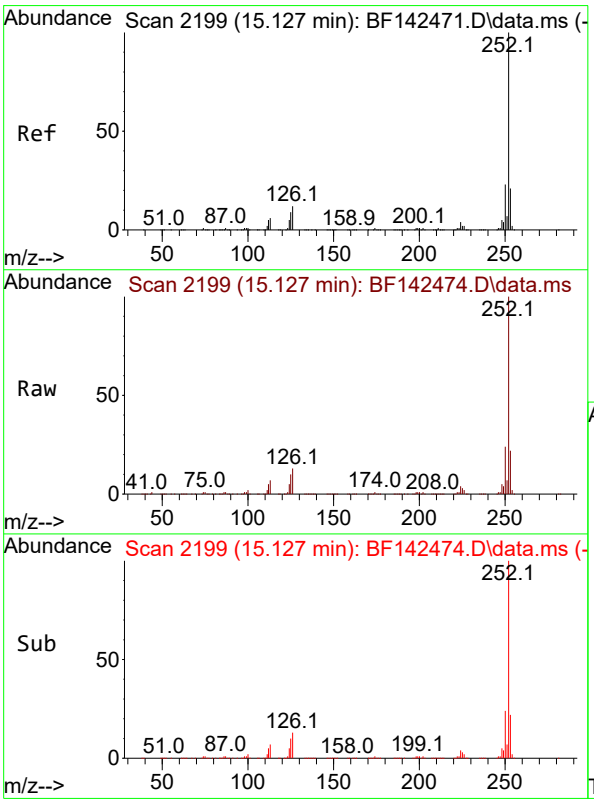
#87
Indeno(1,2,3-cd)pyrene
Concen: 76.417 ng
RT: 17.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1126401

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.9	29.9
277	25.2	20.2	30.2

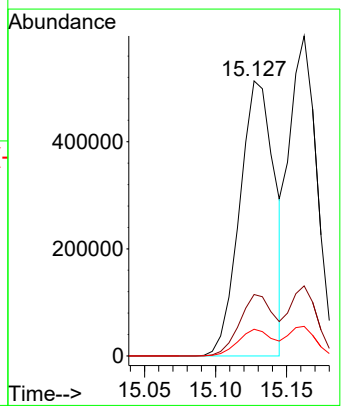


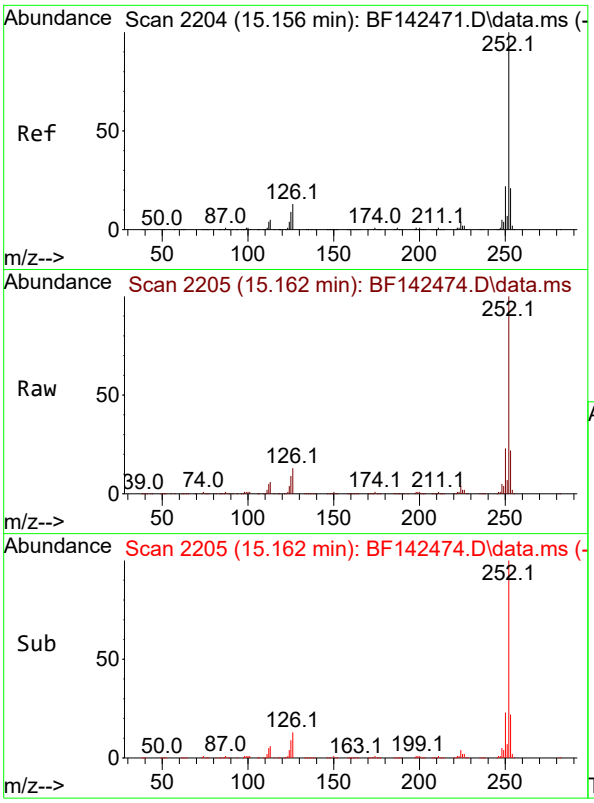


#88
Benzo(b)fluoranthene
Concen: 75.267 ng
RT: 15.127 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 874640

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	9.7	7.4	11.0



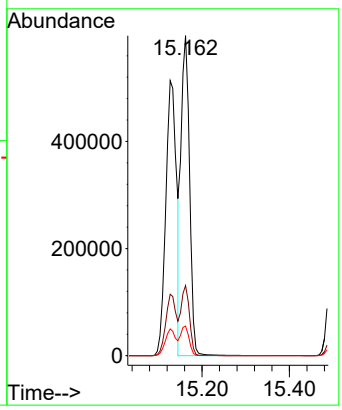


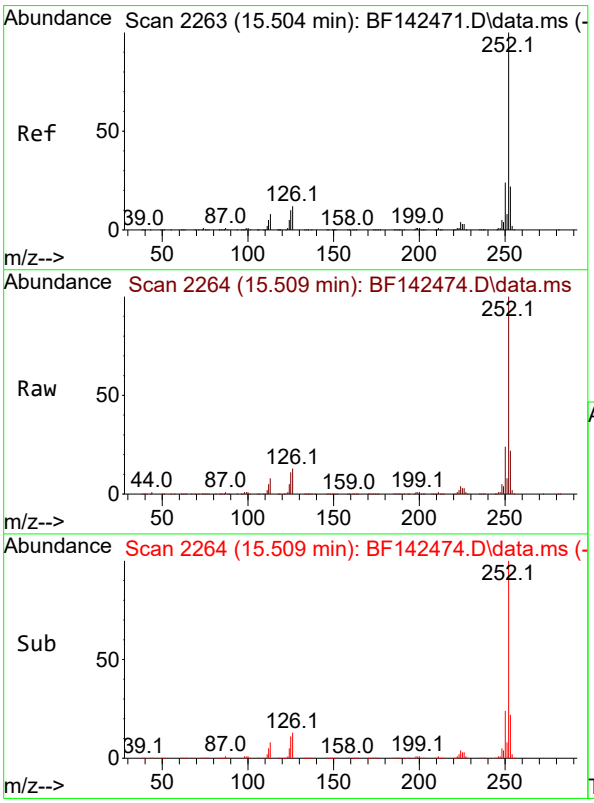
#89
Benzo(k)fluoranthene
Concen: 73.850 ng
RT: 15.162 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 803775

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.2	7.3	10.9

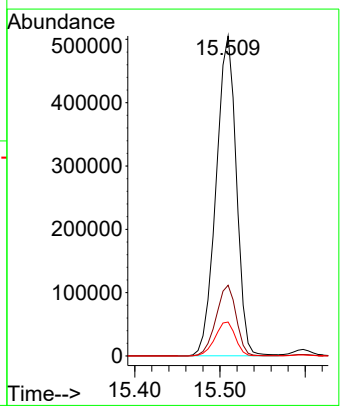


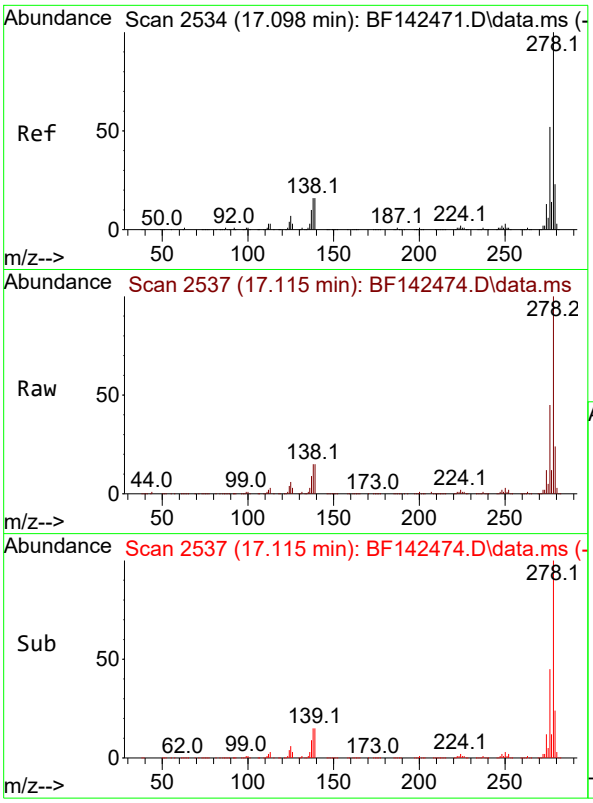


#90
Benzo(a)pyrene
Concen: 76.121 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:252 Resp: 833783

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	10.6	7.9	11.9



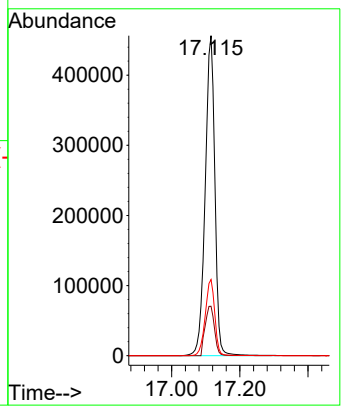


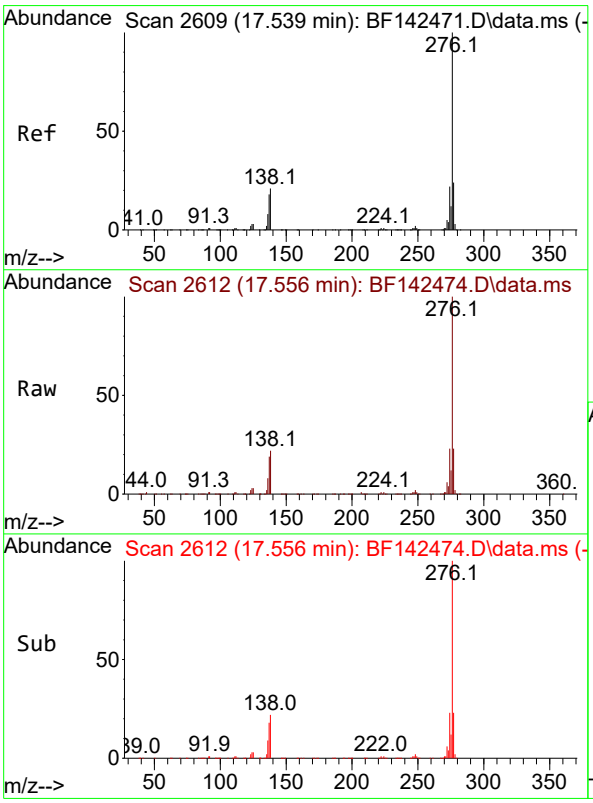
#91
Dibenzo(a,h)anthracene
Concen: 75.513 ng
RT: 17.115 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 902757

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	23.8	18.6	28.0

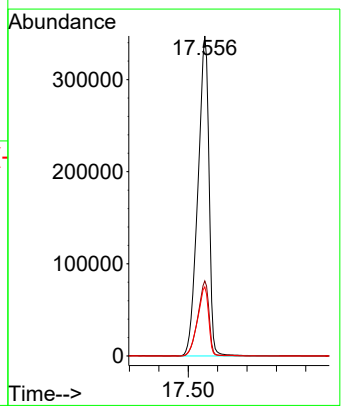




#92
Benzo(g,h,i)perylene
Concen: 76.073 ng
RT: 17.556 min Scan# 2612
Delta R.T. 0.000 min
Lab File: BF142474.D
Acq: 20 May 2025 15:31

Tgt Ion:276 Resp: 909649

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	21.6	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	99411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	385222	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	213164	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	348749	20.000	ng	0.00
76) Chrysene-d12	14.074	240	171632	20.000	ng	0.00
86) Perylene-d12	15.562	264	195956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	443470	75.157	ng	0.00
7) Phenol-d6	6.522	99	539999	76.025	ng	-0.01
23) Nitrobenzene-d5	7.463	82	545967	77.283	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	179309	75.790	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1152622	72.557	ng	0.00
79) Terphenyl-d14	13.016	244	976059	77.714	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	90159	38.184	ng	99
3) Pyridine	3.434	79	232139	38.607	ng	99
4) n-Nitrosodimethylamine	3.381	42	121742	38.995	ng	99
6) Aniline	6.563	93	366889	38.415	ng	99
8) 2-Chlorophenol	6.681	128	243599	37.902	ng	97
9) Benzaldehyde	6.451	77	165445	38.726	ng	98
10) Phenol	6.539	94	306601	38.362	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	220228	38.280	ng	100
12) 1,3-Dichlorobenzene	6.839	146	269504	37.579	ng	100
13) 1,4-Dichlorobenzene	6.922	146	275076	38.078	ng	98
14) 1,2-Dichlorobenzene	7.069	146	260709	37.716	ng	100
15) Benzyl Alcohol	7.039	79	202944	38.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	366430	37.927	ng	100
17) 2-Methylphenol	7.145	107	193190	38.500	ng	99
18) Hexachloroethane	7.416	117	96202	38.137	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	166542	37.833	ng	99
20) 3+4-Methylphenols	7.304	107	244310	38.020	ng	100
22) Acetophenone	7.310	105	325056	38.118	ng	100
24) Nitrobenzene	7.486	77	246818	38.737	ng	100
25) Isophorone	7.722	82	447723	37.906	ng	99
26) 2-Nitrophenol	7.798	139	136039	39.958	ng	99
27) 2,4-Dimethylphenol	7.833	122	233871	38.953	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	283379	38.407	ng	99
29) 2,4-Dichlorophenol	8.039	162	209040	38.285	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	226285	38.187	ng	98
31) Naphthalene	8.210	128	722913	38.112	ng	100
32) Benzoic acid	7.939	122	147981	40.490	ng	98
33) 4-Chloroaniline	8.251	127	299462	38.962	ng	99
34) Hexachlorobutadiene	8.322	225	142496	38.512	ng	99
35) Caprolactam	8.622	113	60055	39.162	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	216299	38.654	ng	99
37) 2-Methylnaphthalene	8.898	142	454200	38.062	ng	100
38) 1-Methylnaphthalene	8.998	142	471880	38.229	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	229514	37.508	ng	99
41) Hexachlorocyclopentadiene	9.051	237	165077	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	156603	37.954	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

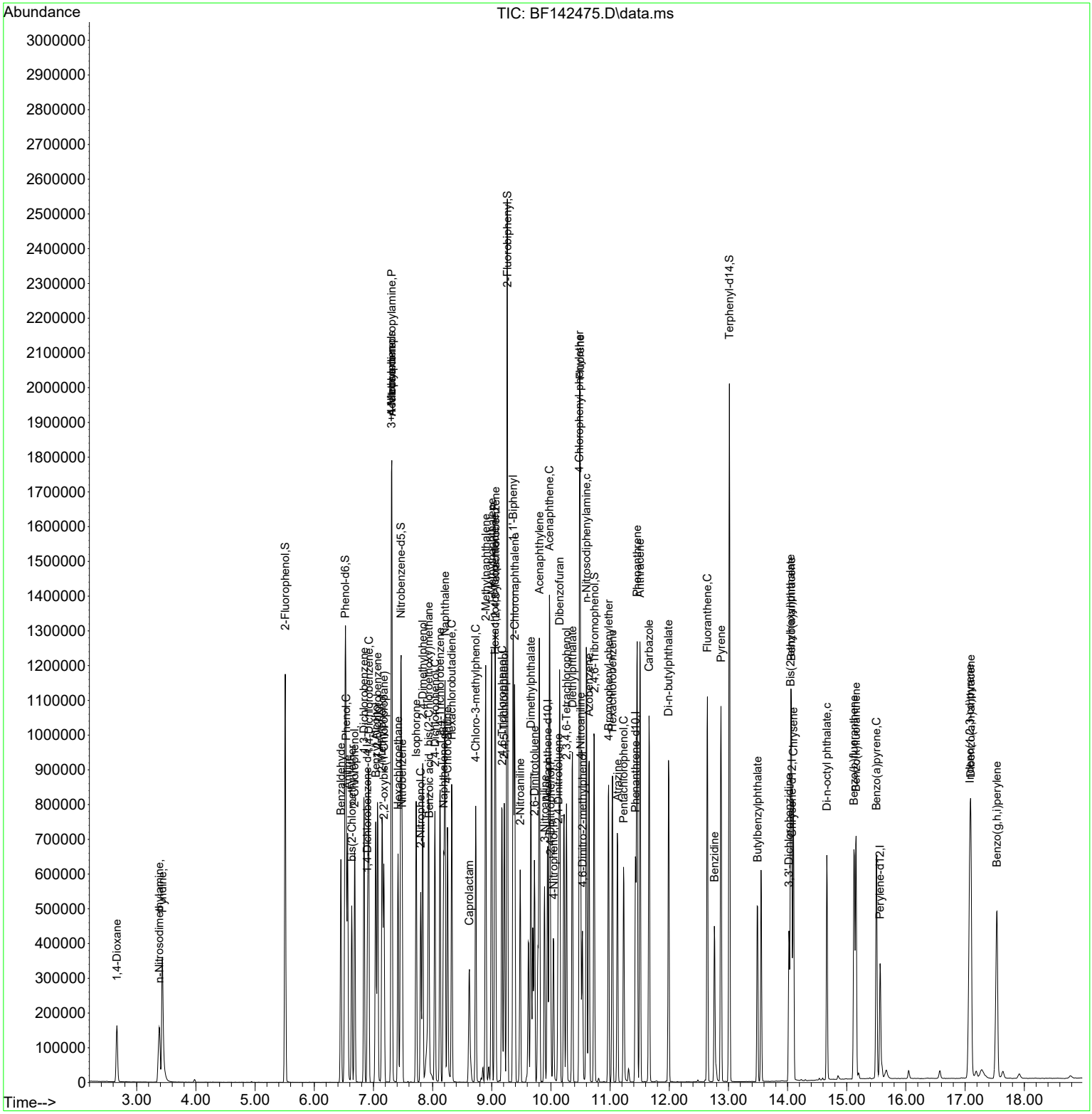
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	164342	37.766	ng		99
46) 1,1'-Biphenyl	9.363	154	619947	37.487	ng		100
47) 2-Chloronaphthalene	9.386	162	461414	37.763	ng		99
48) 2-Nitroaniline	9.480	65	137268	38.867	ng		99
49) Acenaphthylene	9.804	152	776377	37.630	ng		100
50) Dimethylphthalate	9.663	163	523004	37.184	ng		100
51) 2,6-Dinitrotoluene	9.722	165	115938	38.191	ng		98
52) Acenaphthene	9.975	154	477197	37.877	ng		100
53) 3-Nitroaniline	9.892	138	126814	38.246	ng		98
54) 2,4-Dinitrophenol	9.992	184	65057	41.481	ng	#	35
55) Dibenzofuran	10.145	168	673871	37.170	ng		100
56) 4-Nitrophenol	10.045	139	96197	39.320	ng		98
57) 2,4-Dinitrotoluene	10.127	165	152488	38.463	ng		99
58) Fluorene	10.492	166	513487	36.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138047	38.000	ng		98
60) Diethylphthalate	10.363	149	519861	37.844	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	254467	36.985	ng		99
62) 4-Nitroaniline	10.504	138	114671	38.132	ng		100
63) Azobenzene	10.645	77	466131	37.780	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	82393	42.334	ng		99
66) n-Nitrosodiphenylamine	10.598	169	454975	38.132	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	157480	38.189	ng		99
68) Hexachlorobenzene	11.039	284	175840	38.554	ng		99
69) Atrazine	11.127	200	125293	39.541	ng		99
70) Pentachlorophenol	11.227	266	105232	40.866	ng		98
71) Phenanthrene	11.457	178	698503	37.478	ng		100
72) Anthracene	11.504	178	723416	38.032	ng		100
73) Carbazole	11.657	167	622812	38.300	ng		100
74) Di-n-butylphthalate	11.986	149	686988	38.596	ng		100
75) Fluoranthene	12.645	202	652697	37.479	ng		100
77) Benzidine	12.763	184	271606	42.525	ng		100
78) Pyrene	12.874	202	642163	40.108	ng		100
80) Butylbenzylphthalate	13.492	149	178179	40.275	ng		97
81) Benzo(a)anthracene	14.063	228	435297	37.981	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	135132	38.874	ng		100
83) Chrysene	14.098	228	388943	37.768	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	229915	40.596	ng		99
85) Di-n-octyl phthalate	14.662	149	443488	40.048	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	574771	39.070	ng		100
88) Benzo(b)fluoranthene	15.121	252	433704	37.396	ng		98
89) Benzo(k)fluoranthene	15.157	252	404679	37.255	ng		99
90) Benzo(a)pyrene	15.504	252	421730	38.578	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	463752	38.868	ng		100
92) Benzo(g,h,i)perylene	17.539	276	457604	38.345	ng		99

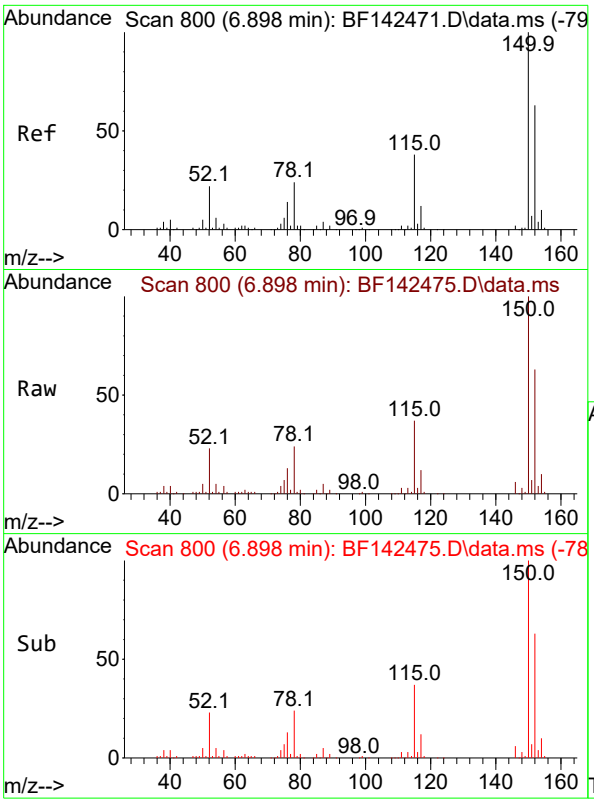
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



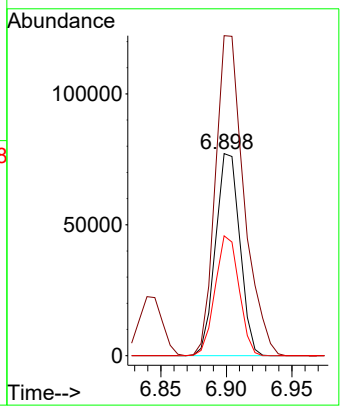


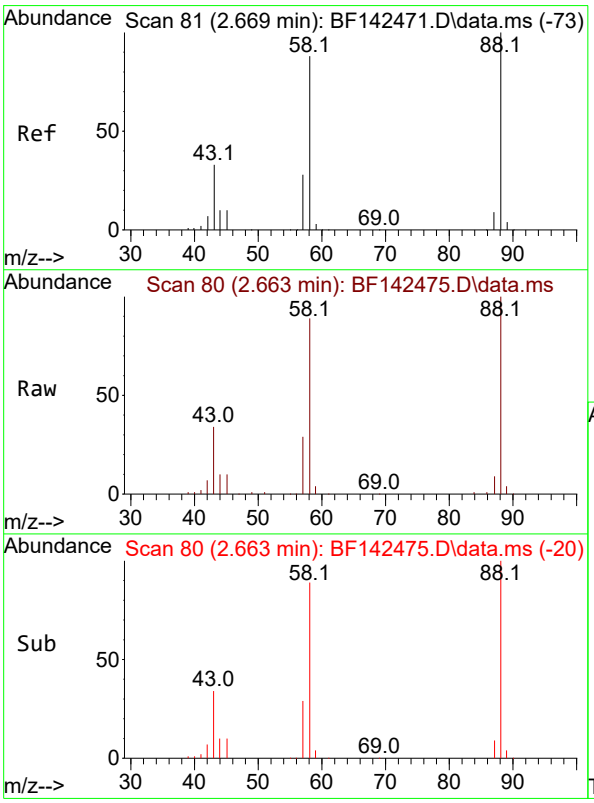
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:152 Resp: 99411

Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.2	192.4
115	59.3	48.3	72.5

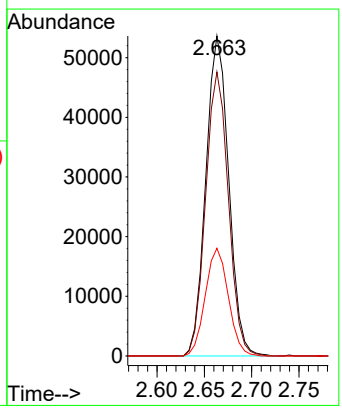


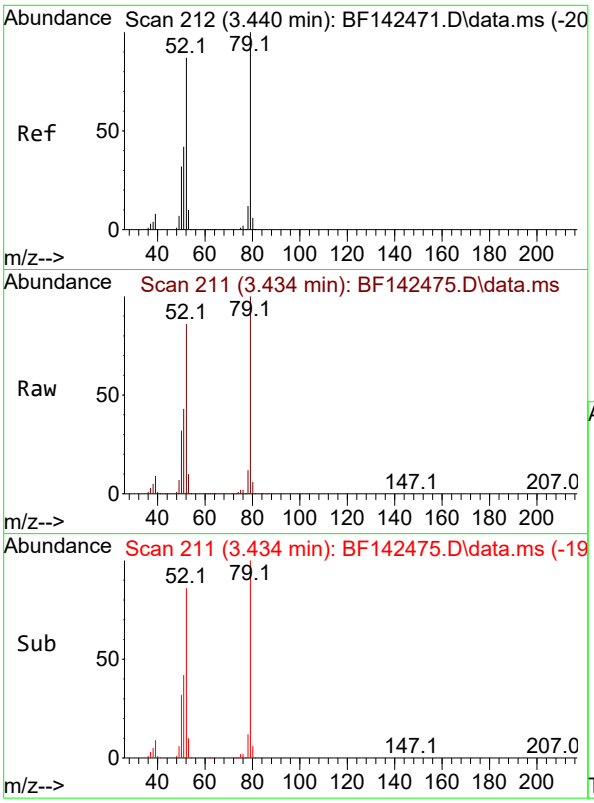


#2
1,4-Dioxane
Concen: 38.184 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 88 Resp: 90159

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.8	106.2
43	33.9	26.6	40.0



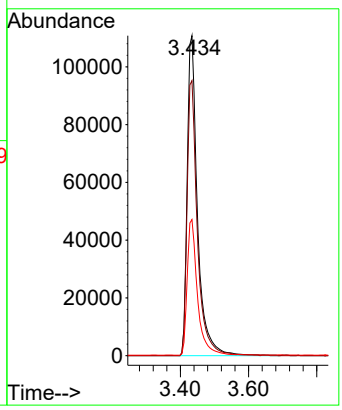


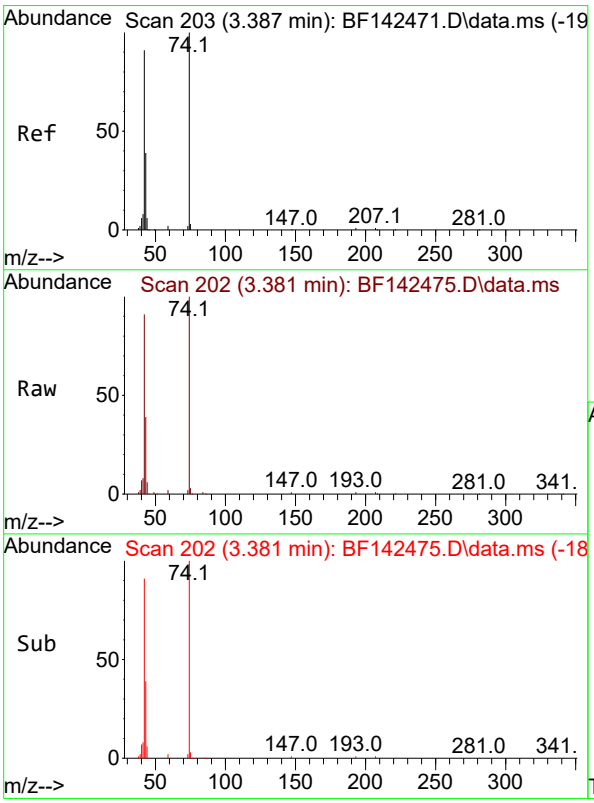
#3
Pyridine
Concen: 38.607 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 79 Resp: 232139

Ion	Ratio	Lower	Upper
79	100		
52	85.9	69.2	103.8
51	42.6	33.3	49.9

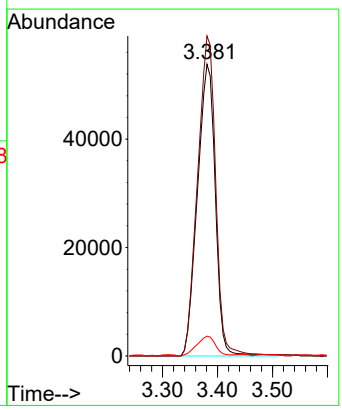


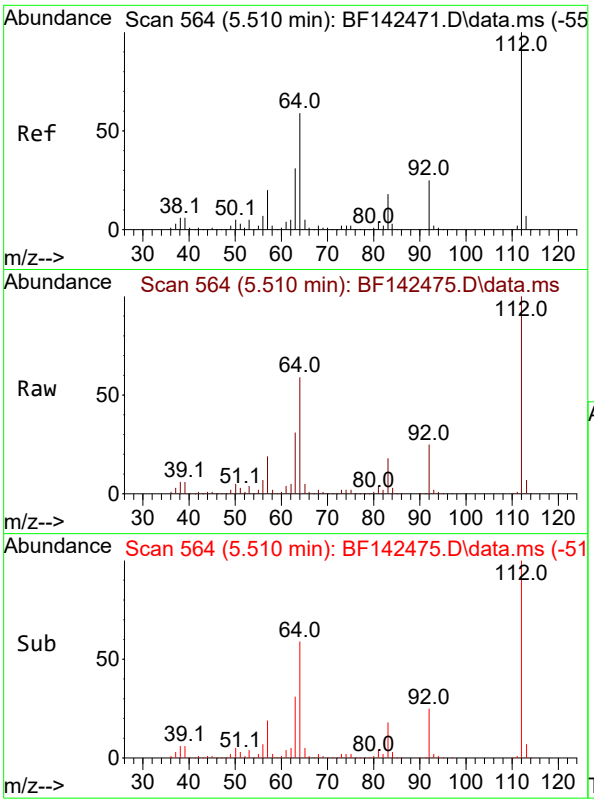


#4
n-Nitrosodimethylamine
Concen: 38.995 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 42 Resp: 121742

Ion	Ratio	Lower	Upper
42	100		
74	109.7	88.2	132.4
44	6.8	5.4	8.2



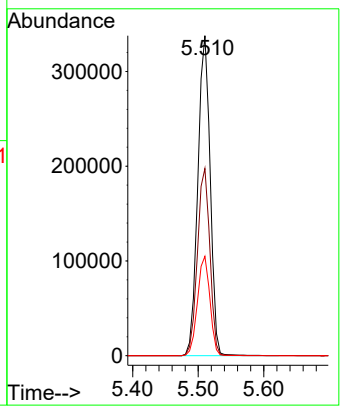


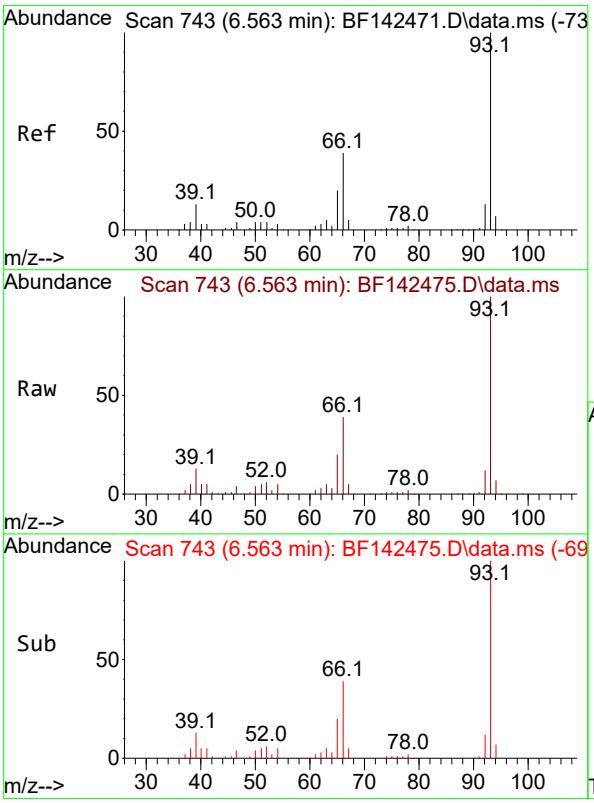
#5
2-Fluorophenol
Concen: 75.157 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:112 Resp: 443470

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.5	71.3
63	31.1	24.9	37.3

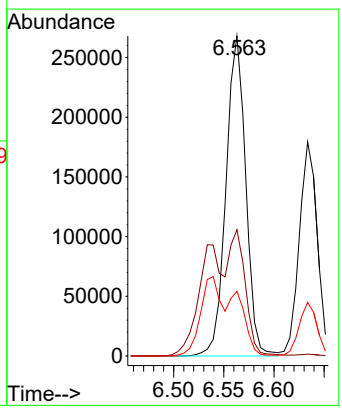


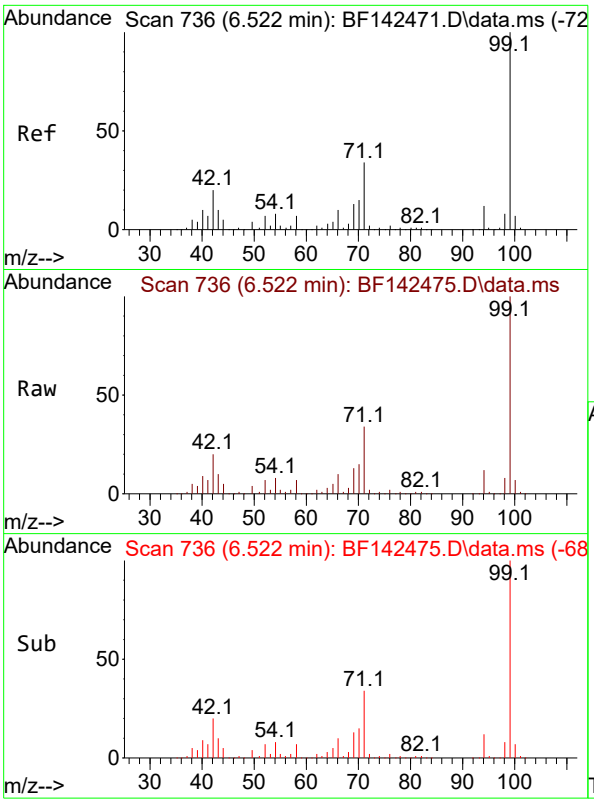


#6
Aniline
Concen: 38.415 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 366889

Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.0	48.0
65	20.2	16.1	24.1



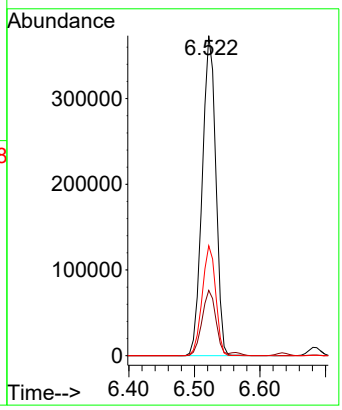


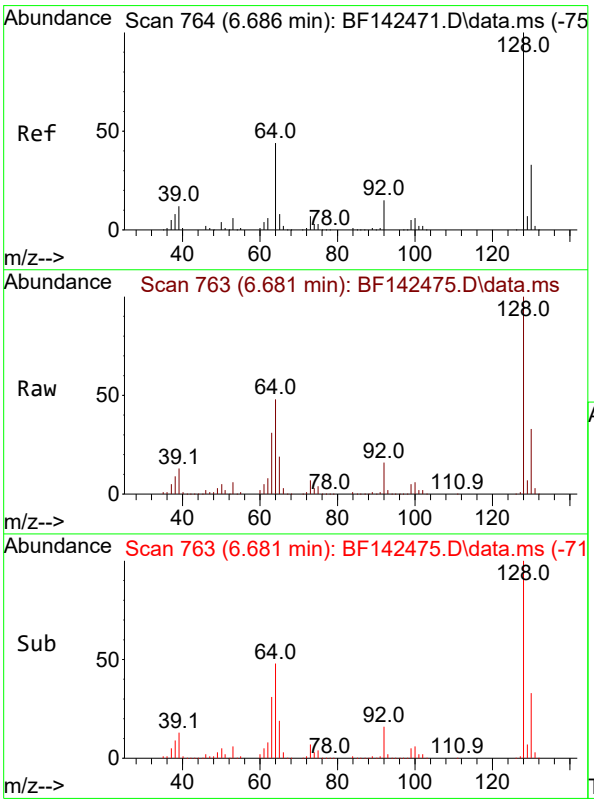
#7
Phenol-d6
Concen: 76.025 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 99 Resp: 539999

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.2	24.2
71	34.3	27.3	40.9

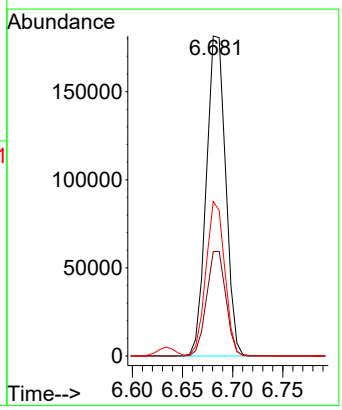


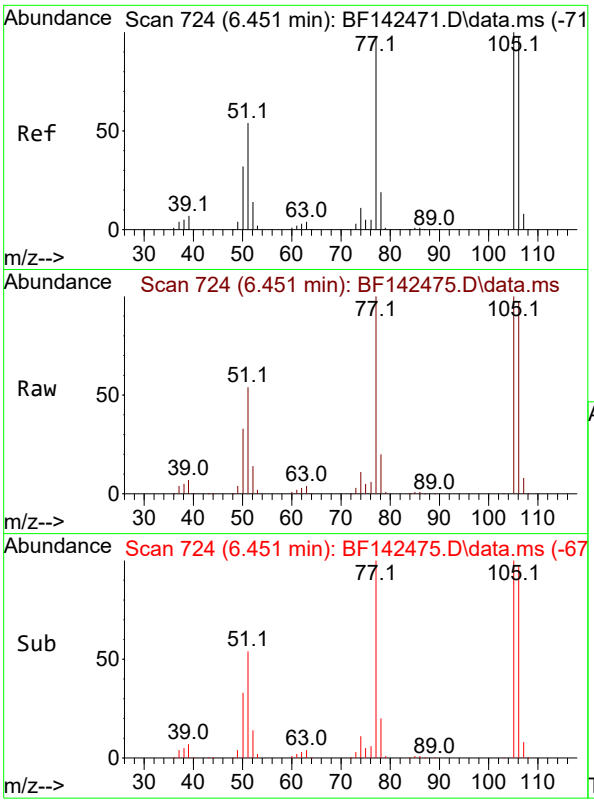


#8
2-Chlorophenol
Concen: 37.902 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:128 Resp: 243599

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	48.3	25.1	65.1



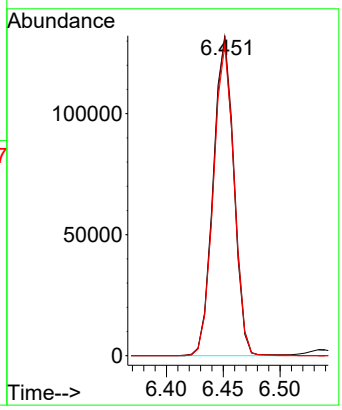


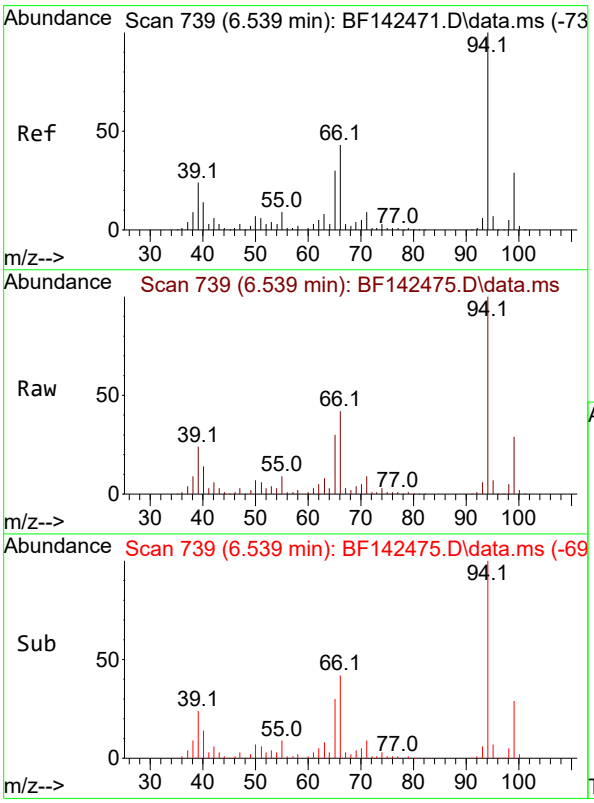
#9
Benzaldehyde
Concen: 38.726 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 77 Resp: 165445

Ion	Ratio	Lower	Upper
77	100		
105	100.5	82.5	122.5
106	97.4	80.0	120.0

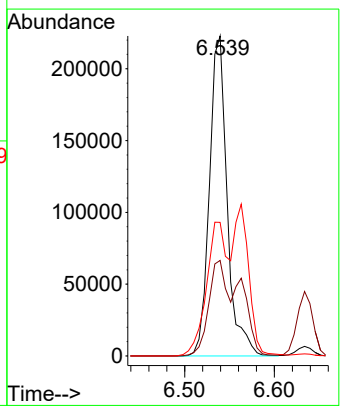


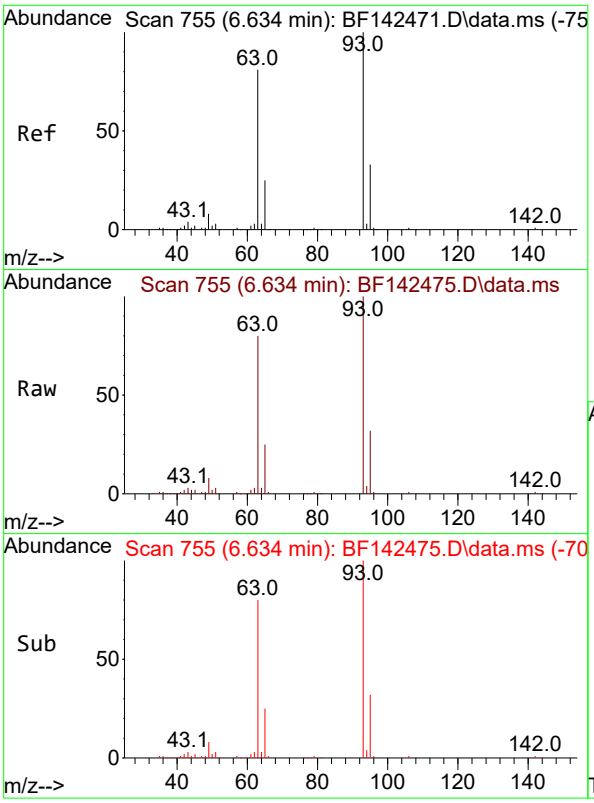


#10
Phenol
Concen: 38.362 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 94 Resp: 306601

Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.3	50.3
66	41.7	22.6	62.6



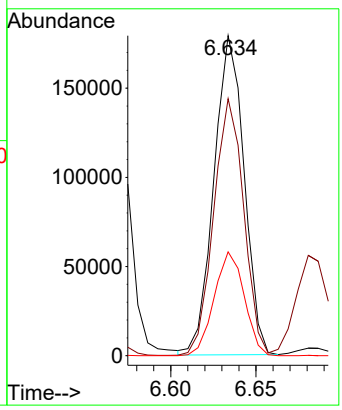


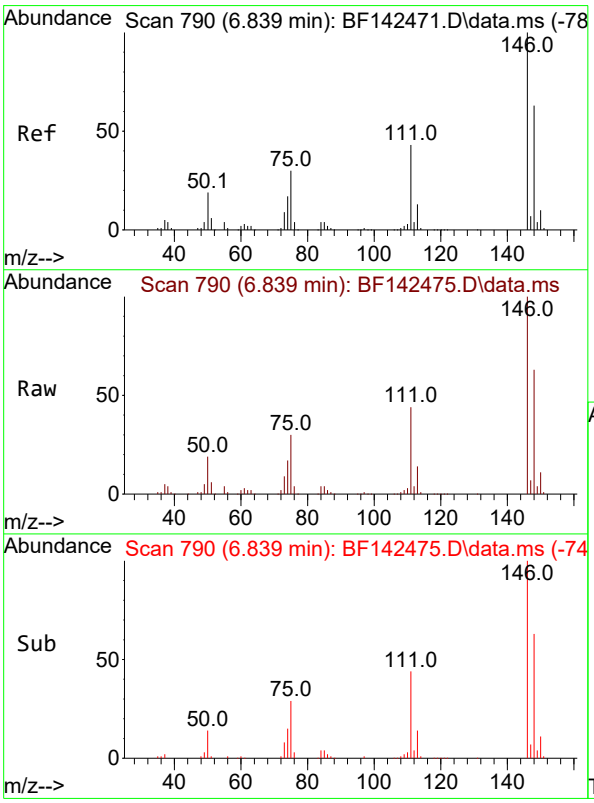
#11
bis(2-Chloroethyl)ether
Concen: 38.280 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 93 Resp: 220228

Ion	Ratio	Lower	Upper
93	100		
63	80.3	60.2	100.2
95	32.5	12.3	52.3

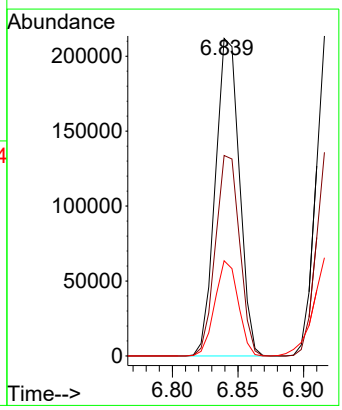


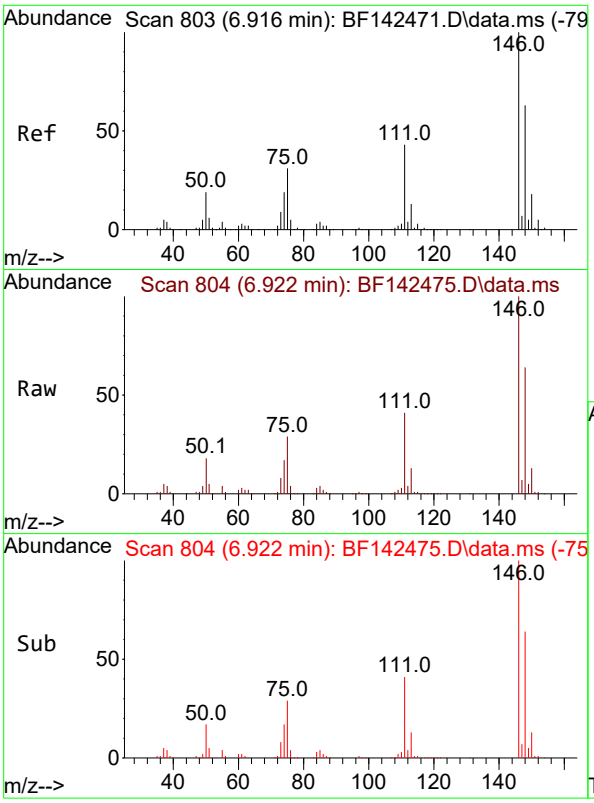


#12
1,3-Dichlorobenzene
Concen: 37.579 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:146 Resp: 269504

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
75	30.0	23.8	35.6



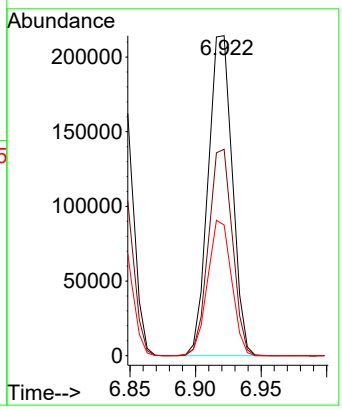


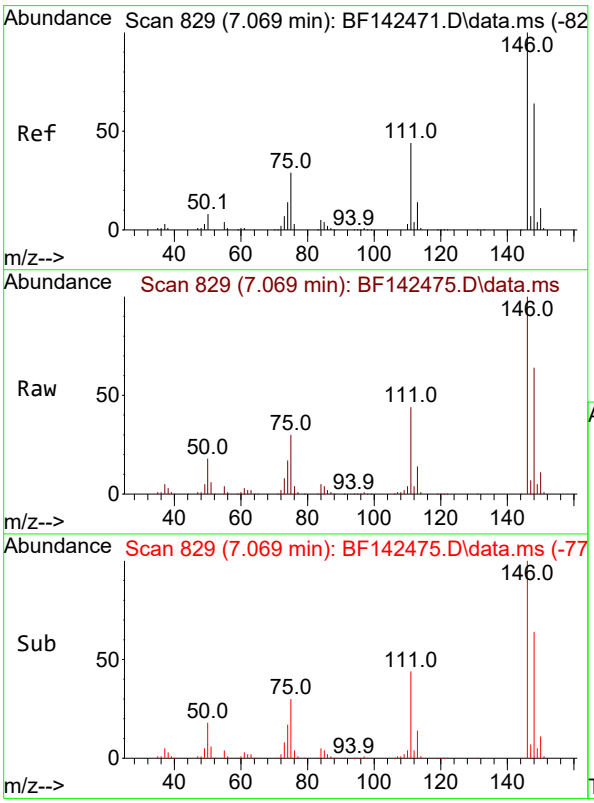
#13
1,4-Dichlorobenzene
Concen: 38.078 ng
RT: 6.922 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:146 Resp: 275076

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	40.9	34.1	51.1

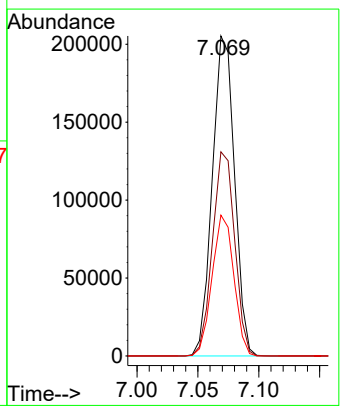


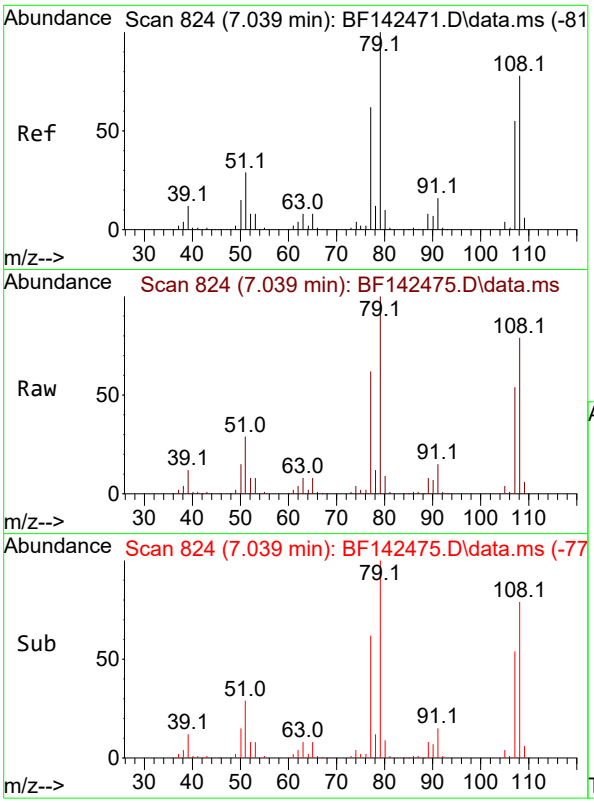


#14
1,2-Dichlorobenzene
Concen: 37.716 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:146 Resp: 260709

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.4
111	44.0	35.0	52.6



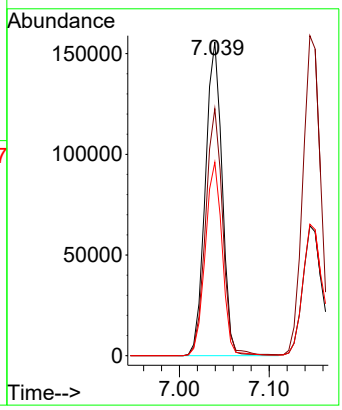


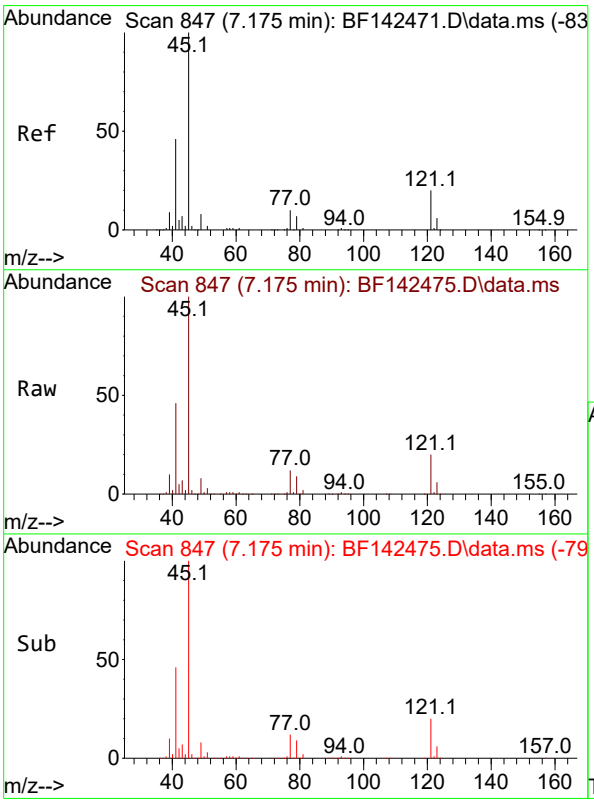
#15
Benzyl Alcohol
Concen: 38.663 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 79 Resp: 202944

Ion	Ratio	Lower	Upper
79	100		
108	78.8	62.1	93.1
77	61.7	49.5	74.3

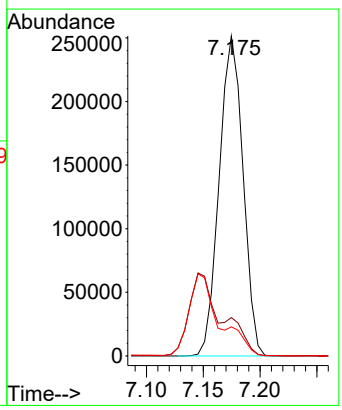


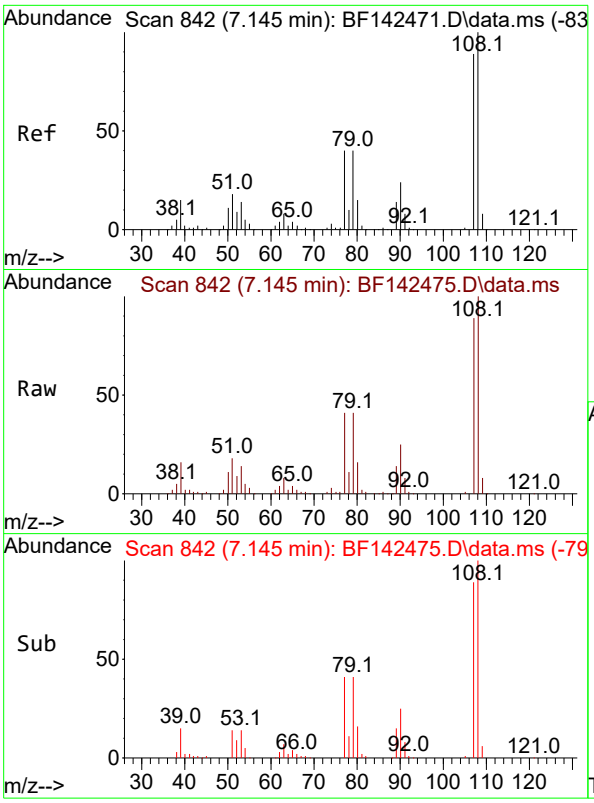


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.927 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 45 Resp: 366430

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.1	0.0	29.2



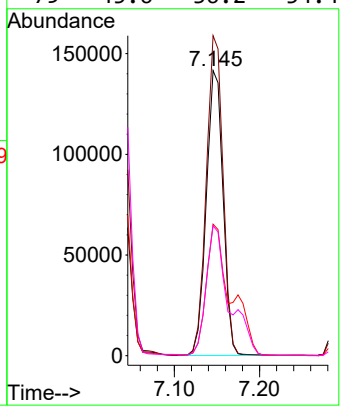


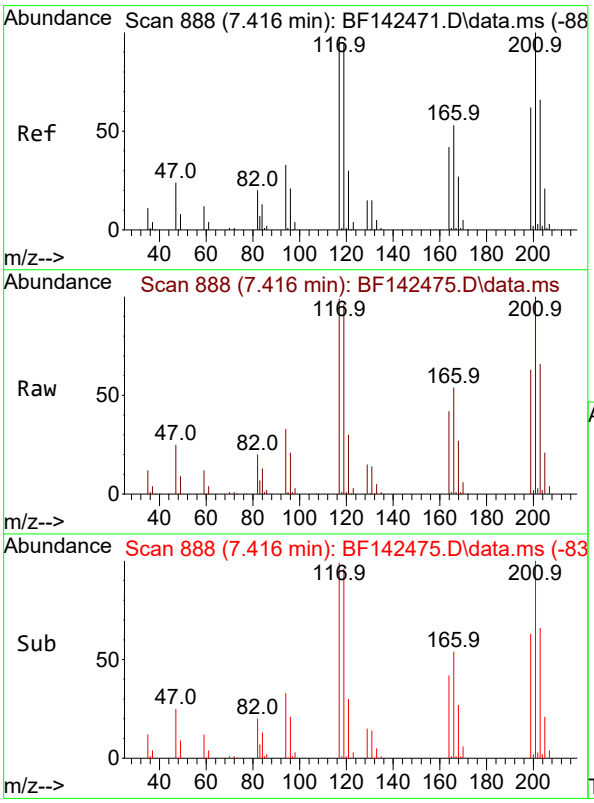
#17
2-Methylphenol
Concen: 38.500 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:107 Resp: 193190

Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	46.1	36.1	54.1
79	45.6	36.2	54.4

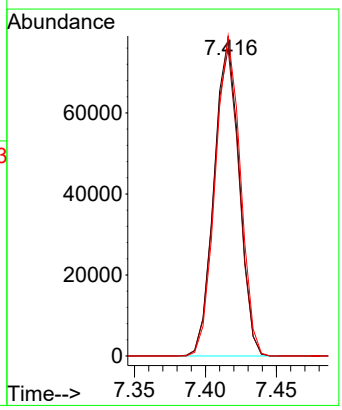


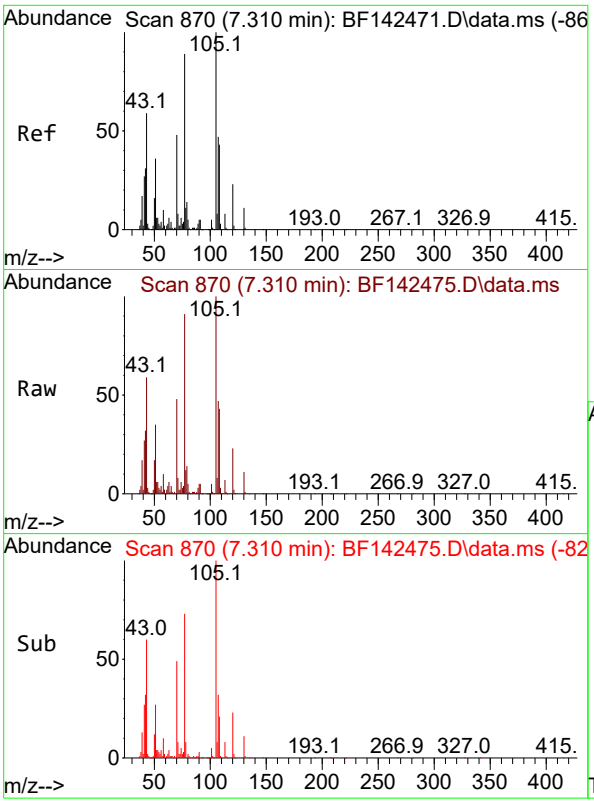


#18
Hexachloroethane
Concen: 38.137 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:117 Resp: 96202

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	100.8	81.3	121.9



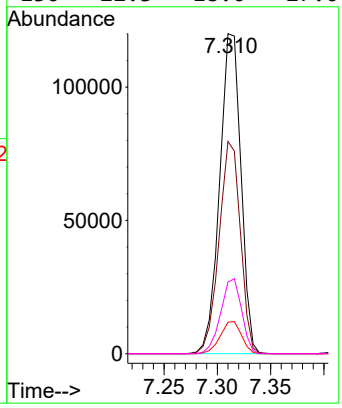


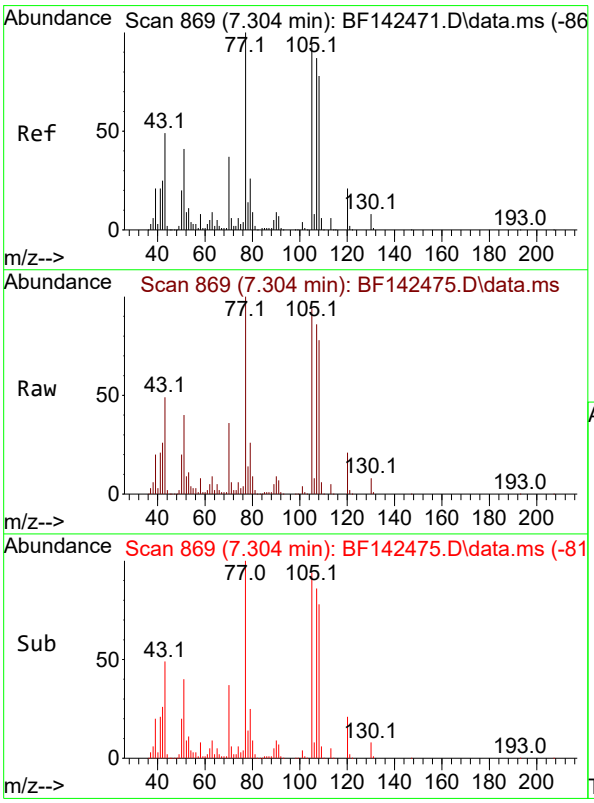
#19
n-Nitroso-di-n-propylamine
Concen: 37.833 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 70 Resp: 166542

Ion	Ratio	Lower	Upper
70	100		
42	66.3	52.4	78.6
101	9.8	7.8	11.8
130	22.3	18.0	27.0

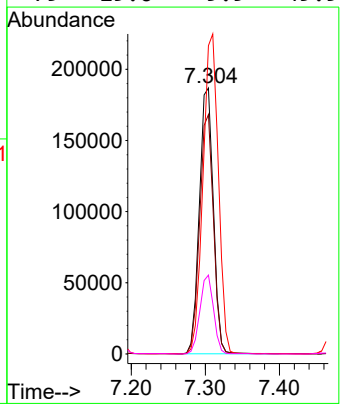


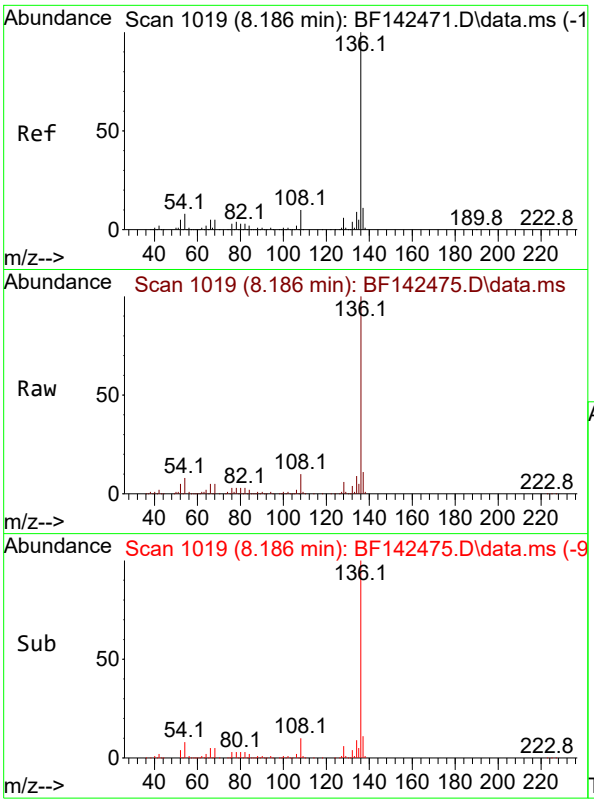


#20
3+4-Methylphenols
Concen: 38.020 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:107 Resp: 244310

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.4	110.4
77	115.9	95.4	135.4
79	29.6	9.9	49.9



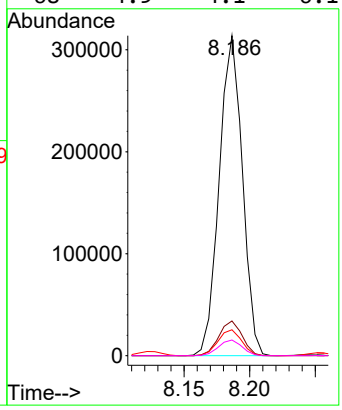


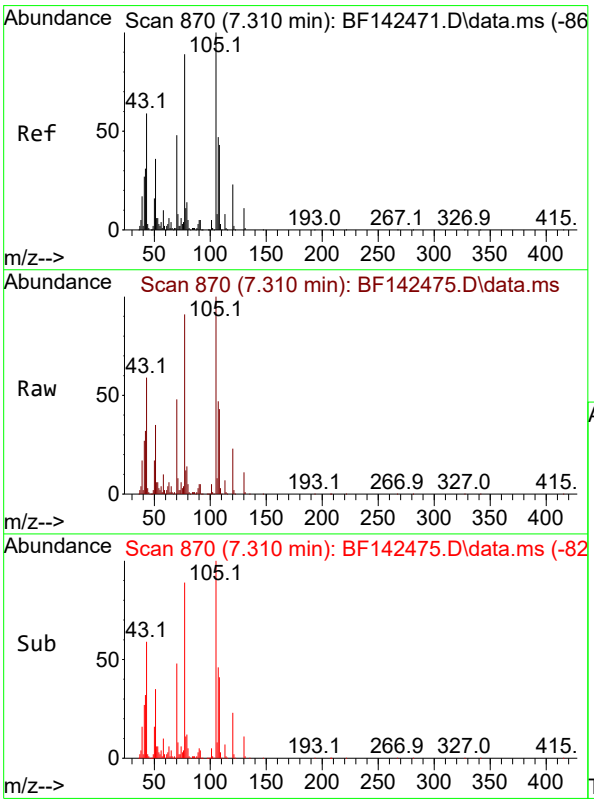
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:136 Resp: 385222

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.1	6.6	10.0
68	4.9	4.1	6.1

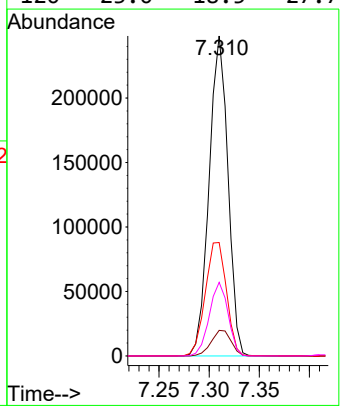


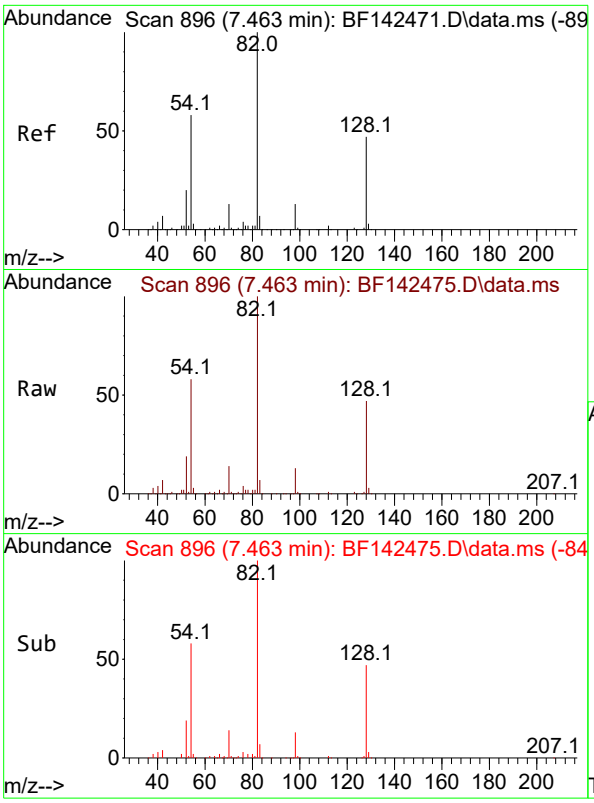


#22
Acetophenone
Concen: 38.118 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:105 Resp: 325056

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	35.4	28.6	42.8
120	23.0	18.5	27.7



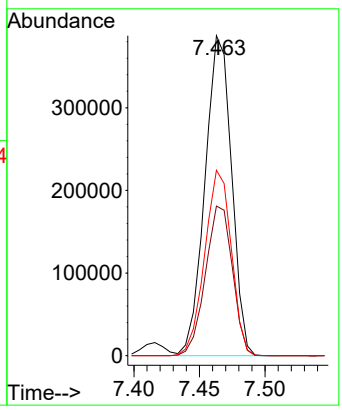


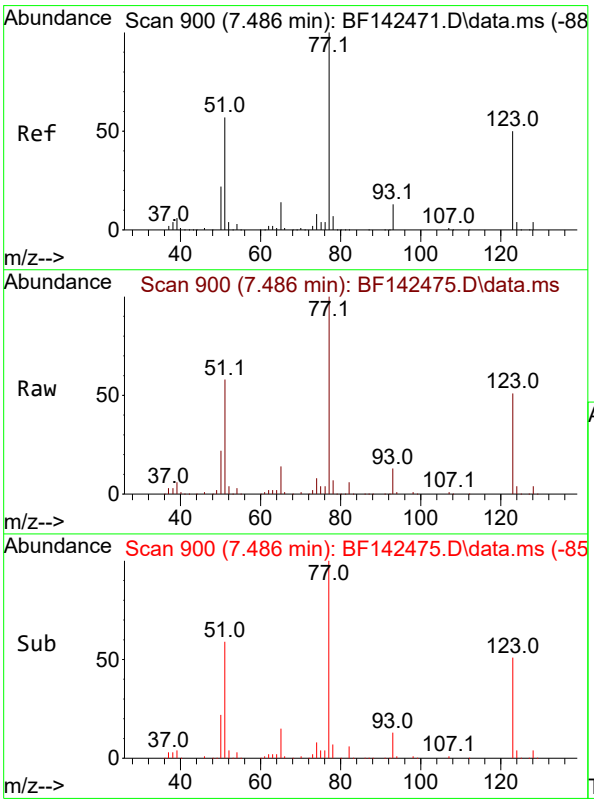
#23
Nitrobenzene-d5
Concen: 77.283 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 82 Resp: 545967

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.4	56.2
54	58.0	46.6	70.0

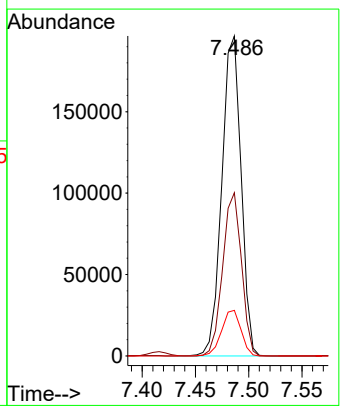


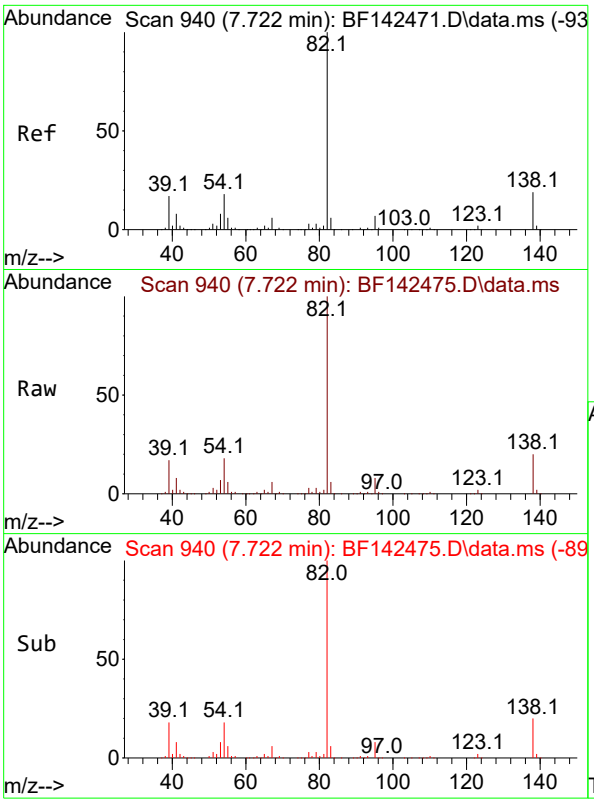


#24
Nitrobenzene
Concen: 38.737 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 77 Resp: 246818

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.6	61.0
65	14.3	11.4	17.2



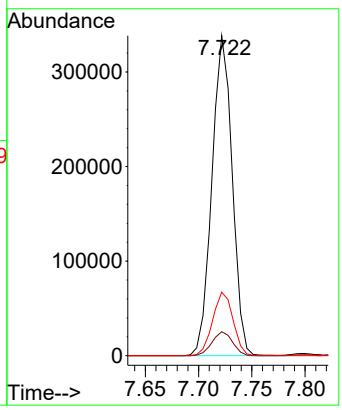


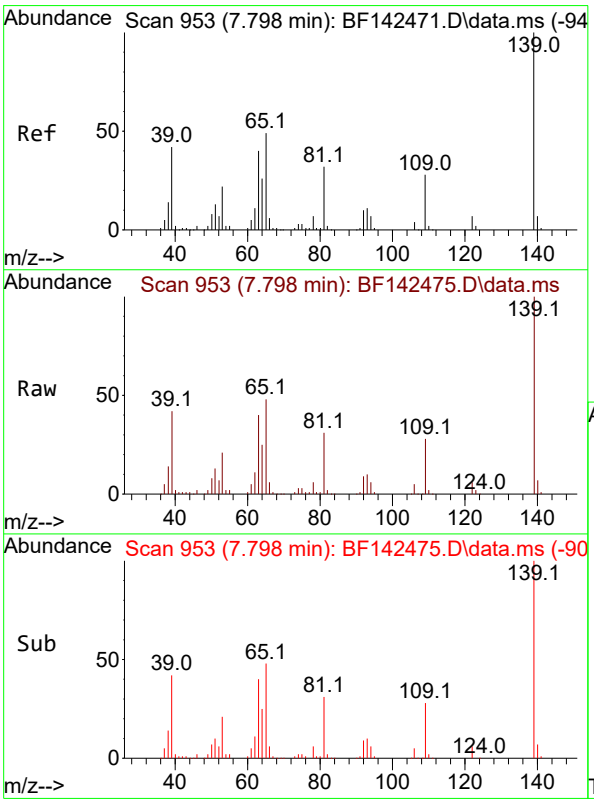
#25
Isophorone
Concen: 37.906 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 82 Resp: 447723

Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.0	9.0
138	19.9	15.5	23.3

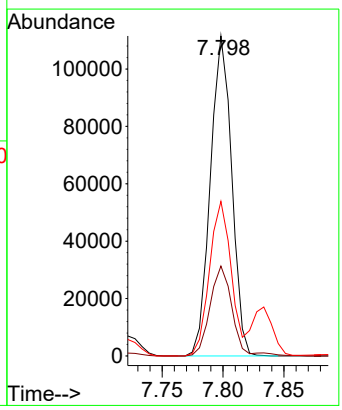


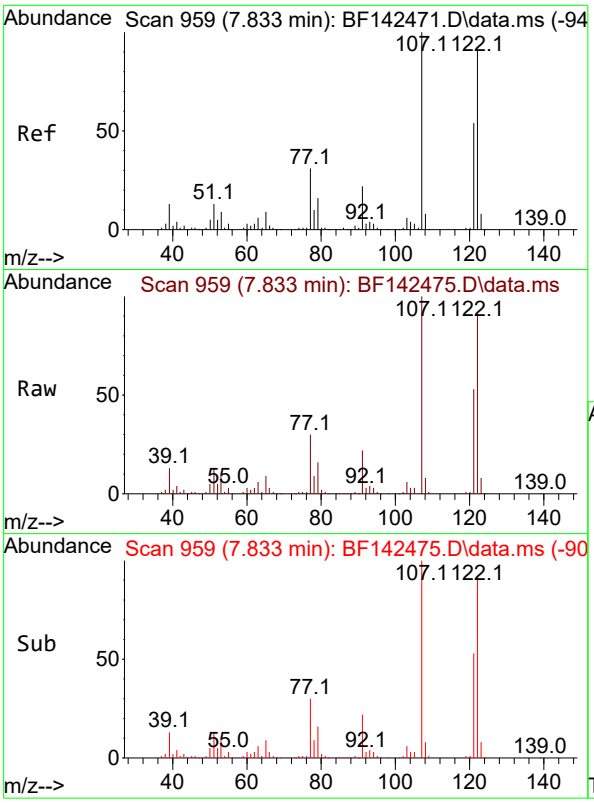


#26
2-Nitrophenol
Concen: 39.958 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 136039

Ion	Ratio	Lower	Upper
139	100		
109	28.1	22.6	33.8
65	48.3	39.4	59.0



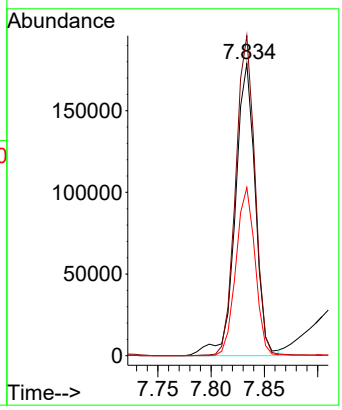


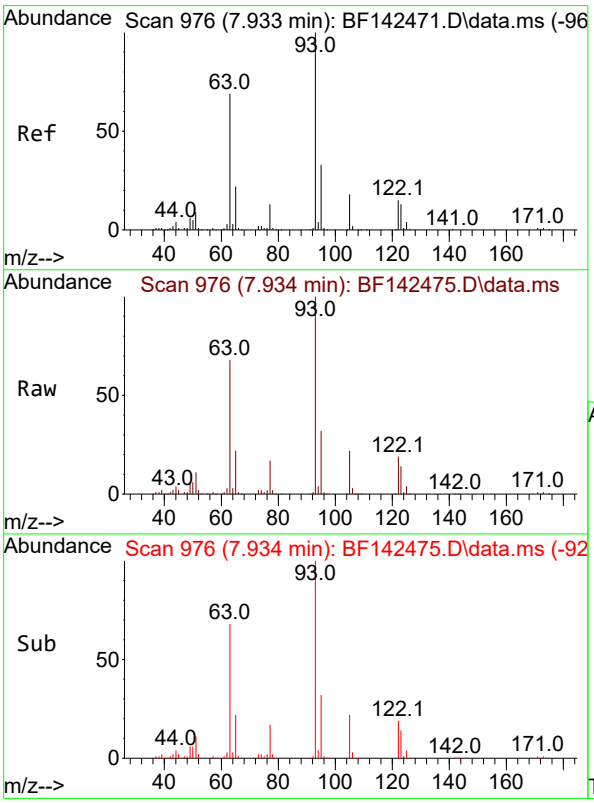
#27
2,4-Dimethylphenol
Concen: 38.953 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:122 Resp: 233871

Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.1	132.1
121	57.5	47.3	70.9

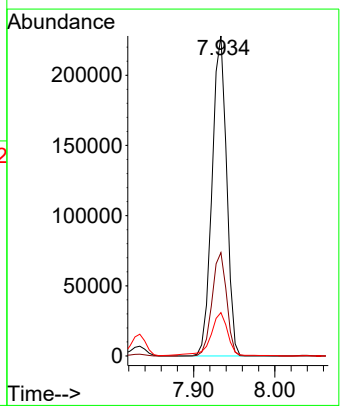


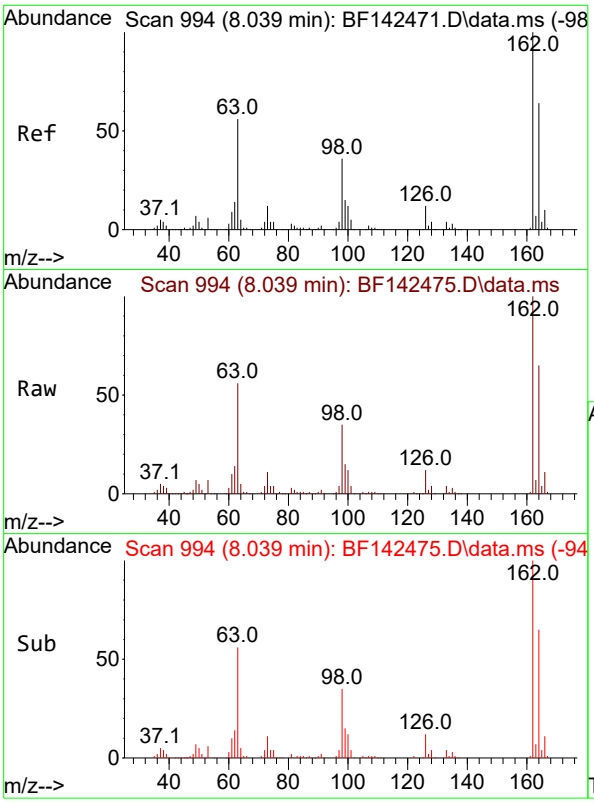


#28
bis(2-Chloroethoxy)methane
Concen: 38.407 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 93 Resp: 283379

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	13.5	10.6	15.8



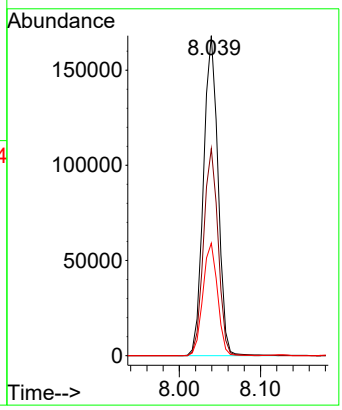


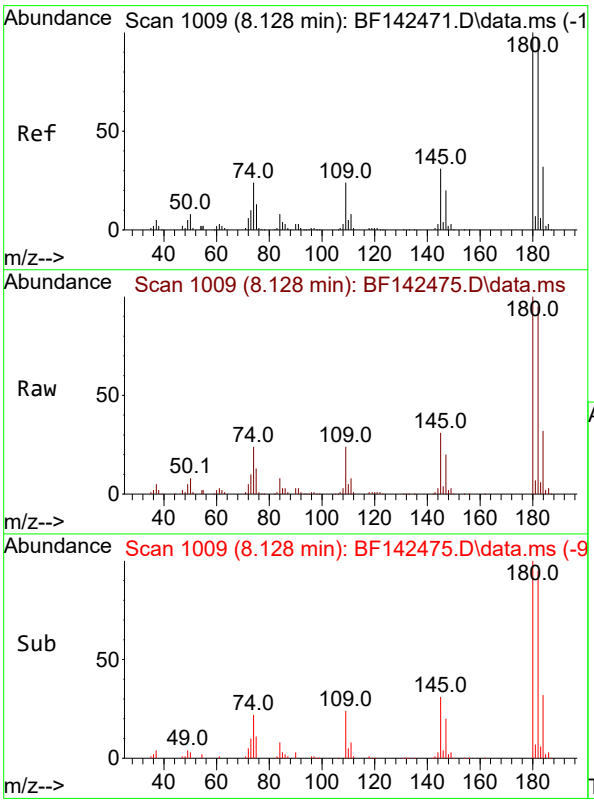
#29
2,4-Dichlorophenol
Concen: 38.285 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:162 Resp: 209040

Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.7	83.7
98	35.1	15.5	55.5

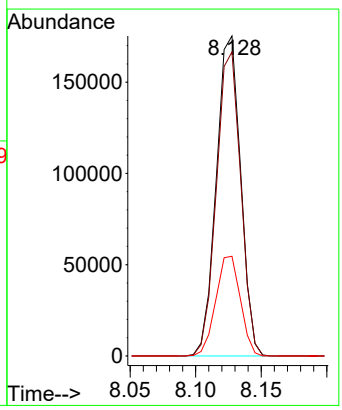


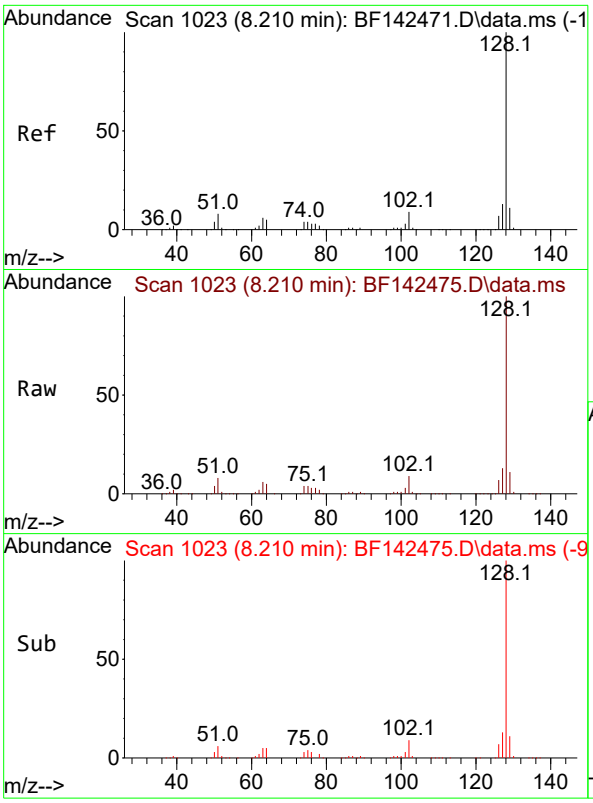


#30
1,2,4-Trichlorobenzene
Concen: 38.187 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:180 Resp: 226285

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.2	25.0	37.6



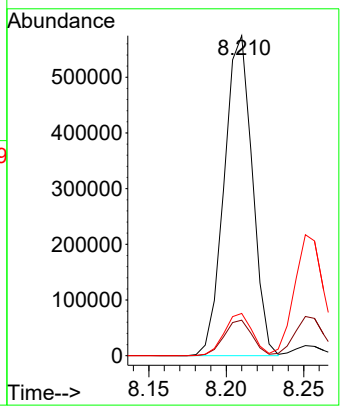


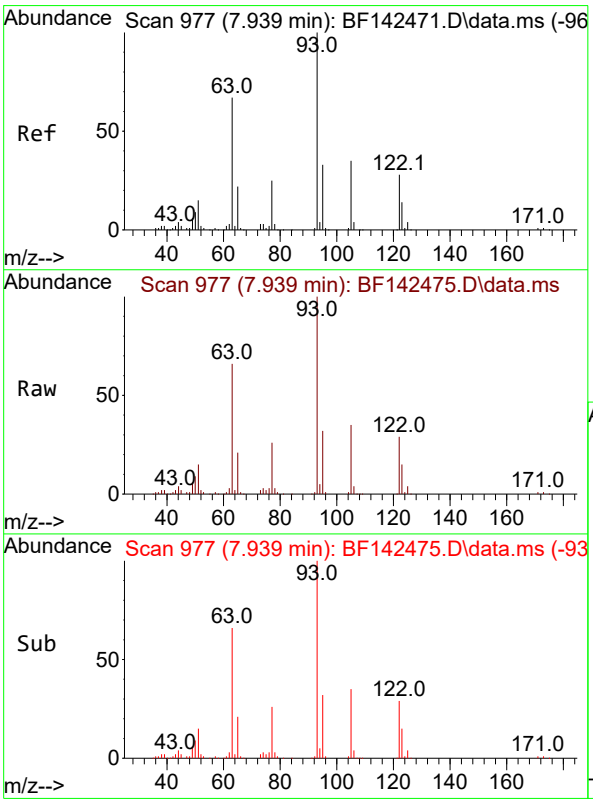
#31
Naphthalene
Concen: 38.112 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:128 Resp: 722913

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.5	15.7

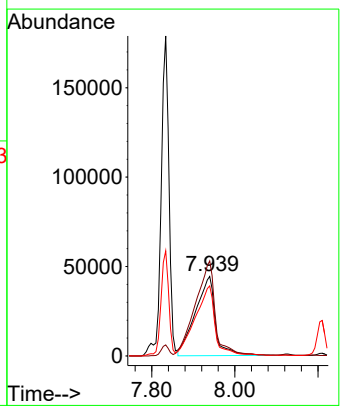


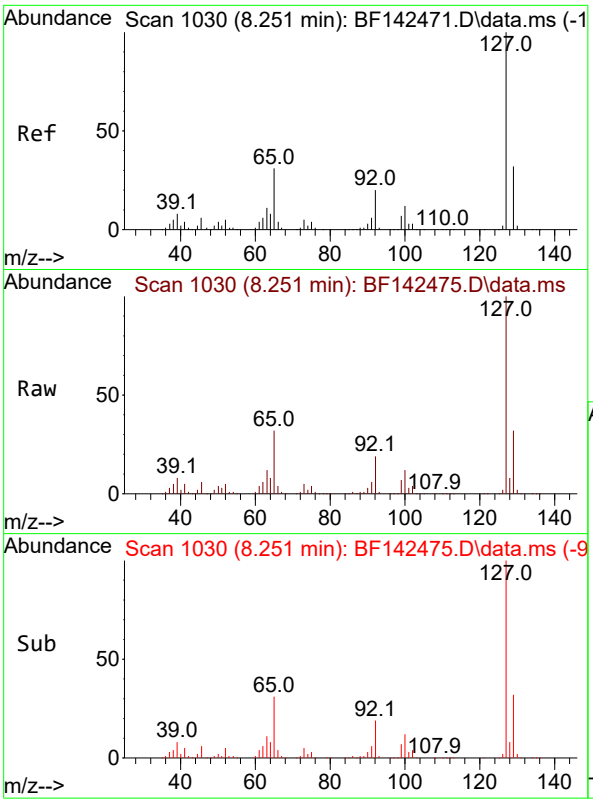


#32
Benzoic acid
Concen: 40.490 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:122 Resp: 147981

Ion	Ratio	Lower	Upper
122	100		
105	119.5	101.7	141.7
77	88.1	69.5	109.5



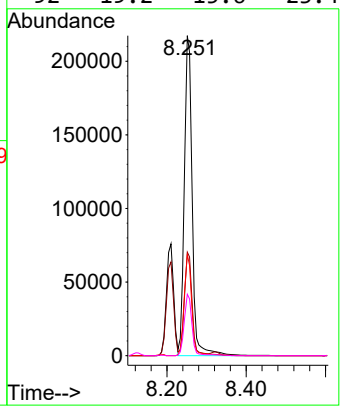


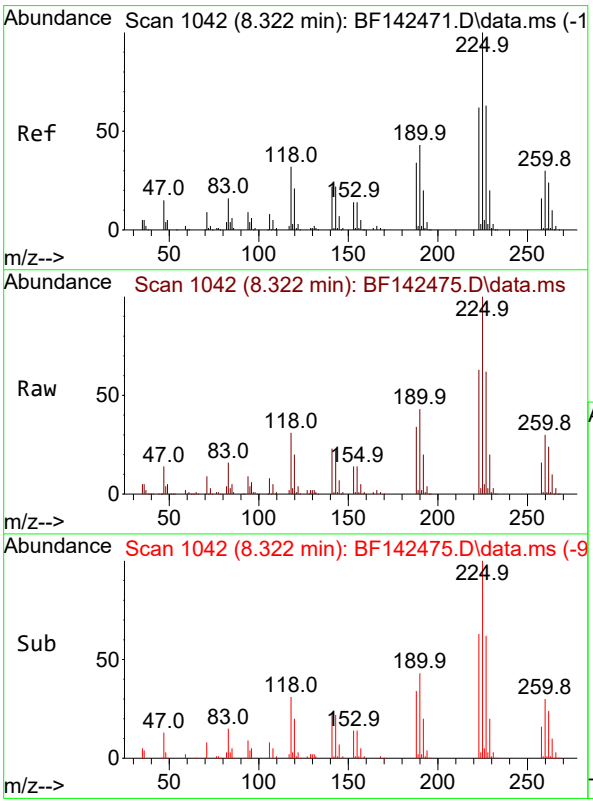
#33
4-Chloroaniline
Concen: 38.962 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:127 Resp: 299462

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.6	24.9	37.3
92	19.2	15.6	23.4

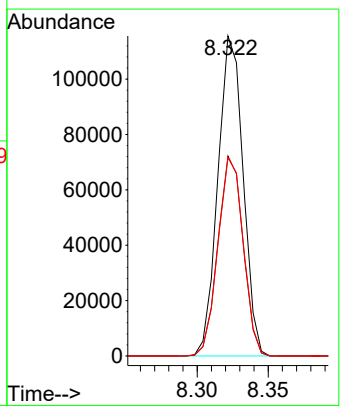


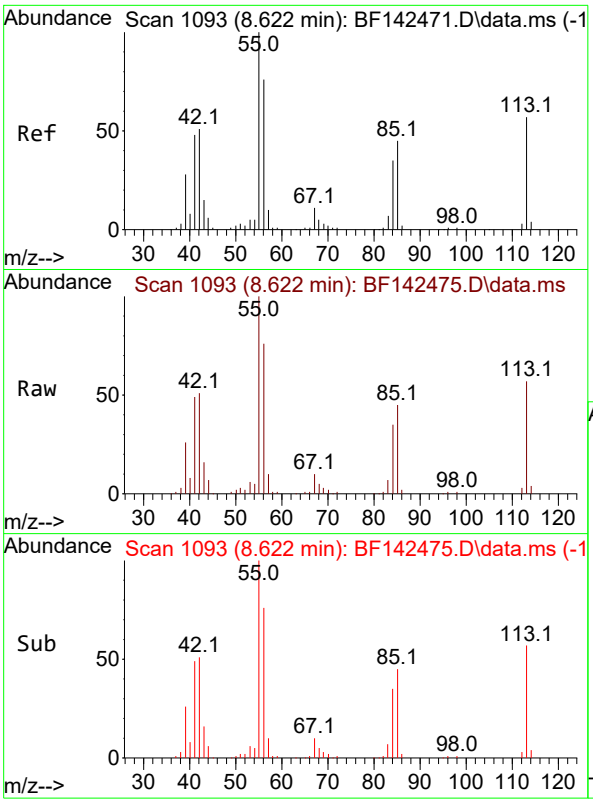


#34
Hexachlorobutadiene
Concen: 38.512 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:225 Resp: 142496

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	62.0	50.3	75.5



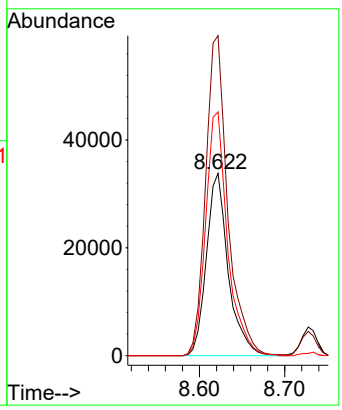


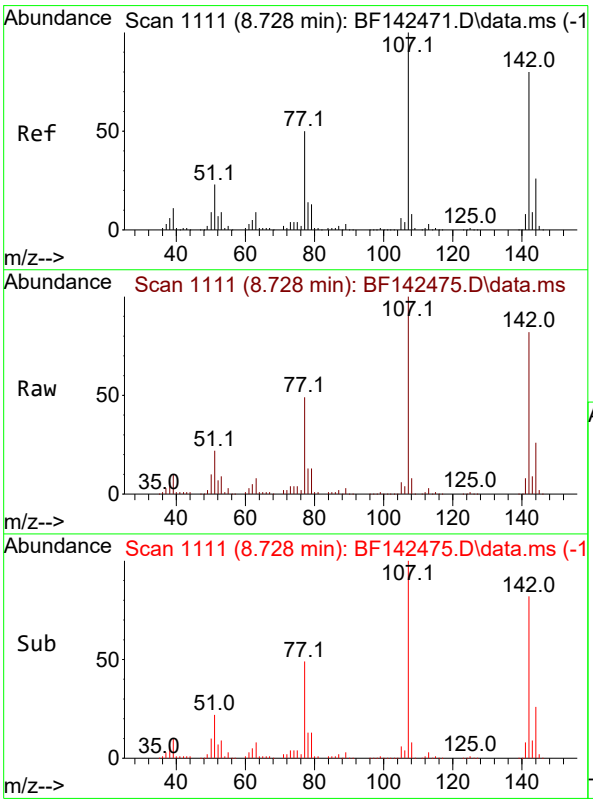
#35
Caprolactam
Concen: 39.162 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:113 Resp: 60055

Ion	Ratio	Lower	Upper
113	100		
55	175.7	154.7	194.7
56	133.9	113.2	153.2

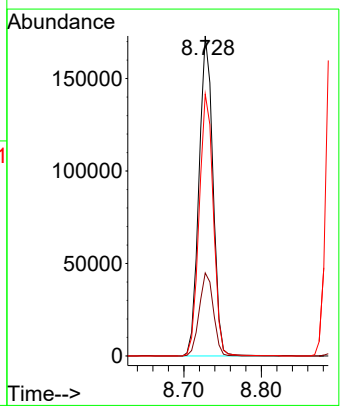


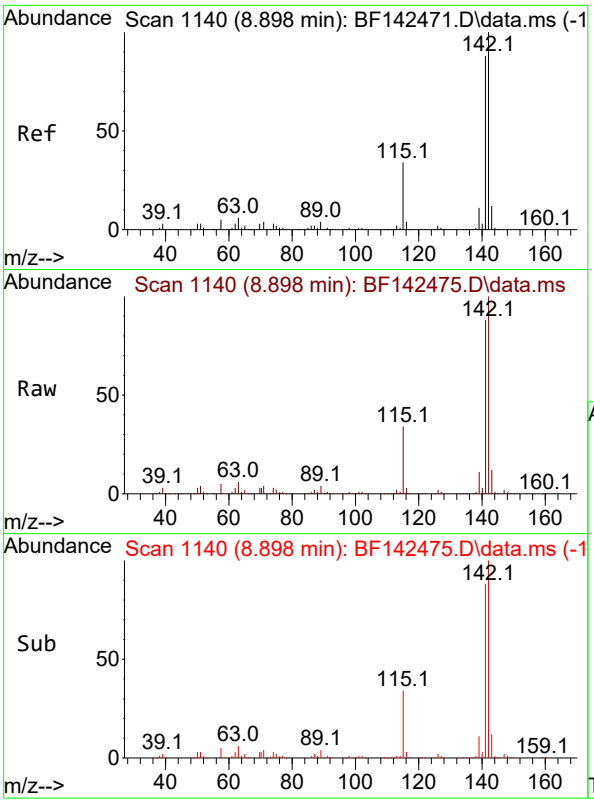


#36
4-Chloro-3-methylphenol
Concen: 38.654 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:107 Resp: 216299

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.9	31.3
142	81.8	64.2	96.2



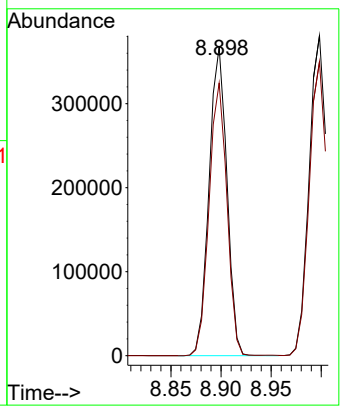


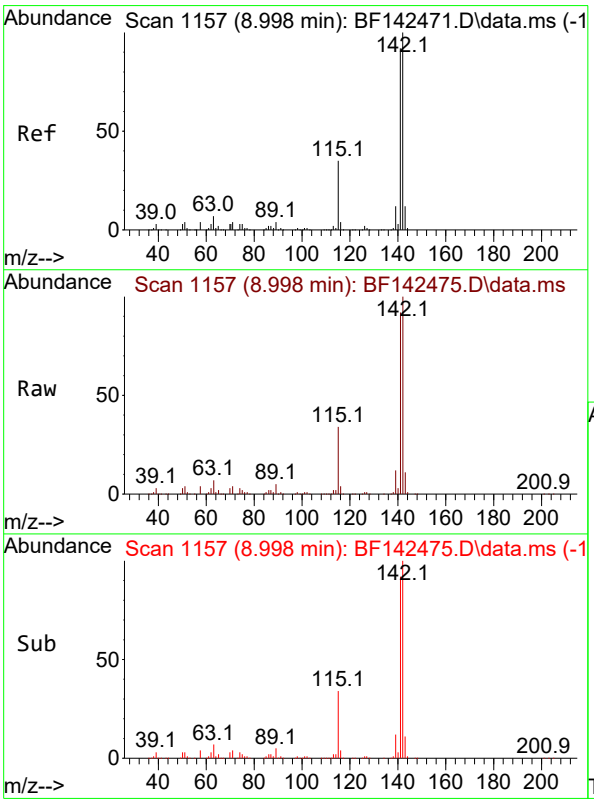
#37
2-Methylnaphthalene
Concen: 38.062 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:142 Resp: 454200

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

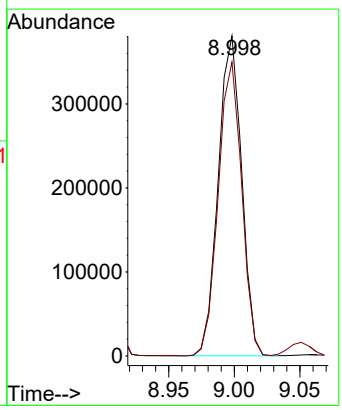


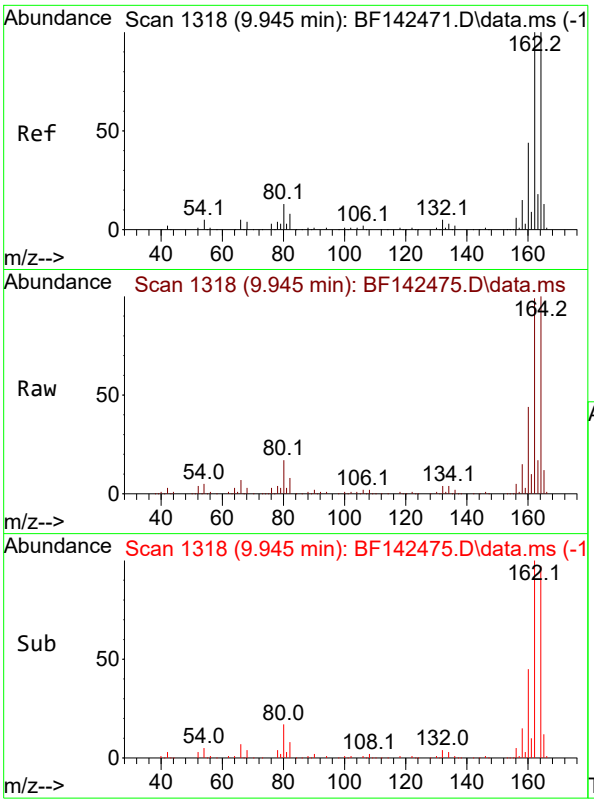


#38
1-Methylnaphthalene
Concen: 38.229 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:142 Resp: 471880

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.2



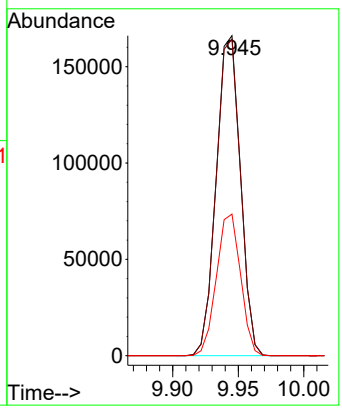


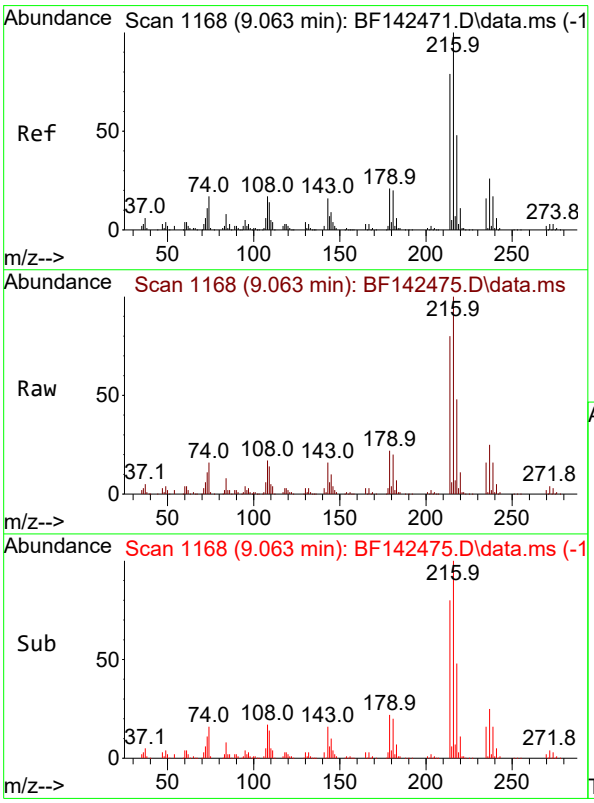
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:164 Resp: 213164

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	44.3	35.6	53.4

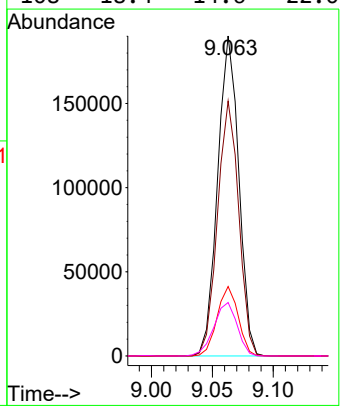


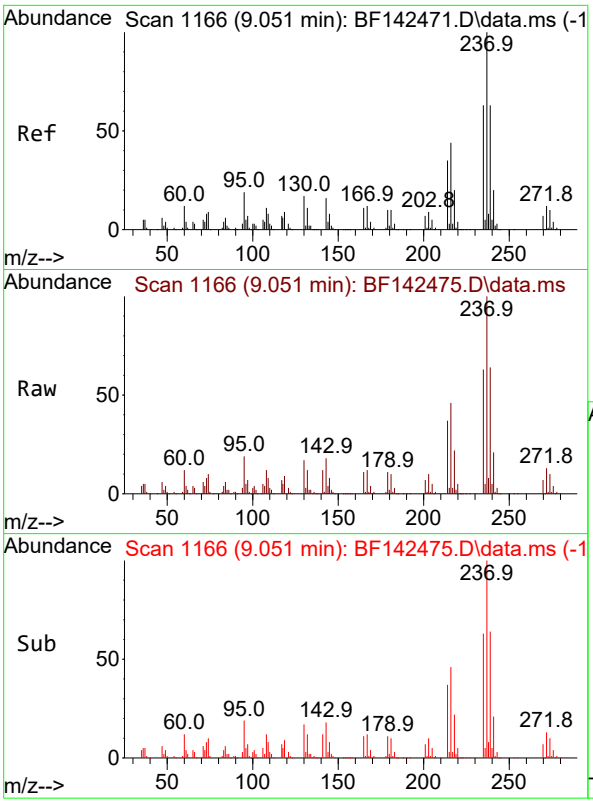


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.508 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:216 Resp: 229514

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.9	94.3
179	21.6	16.9	25.3
108	18.4	14.6	22.0



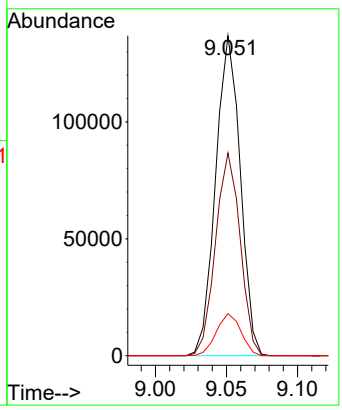


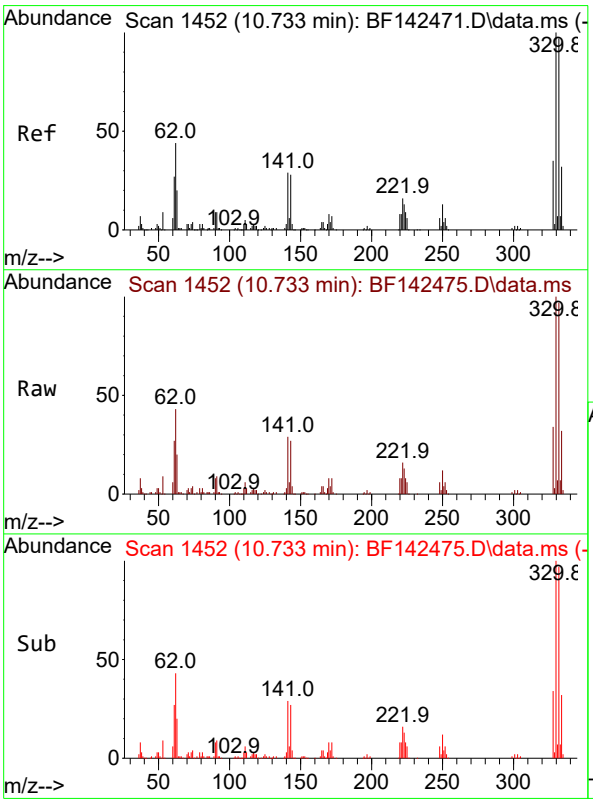
#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:237 Resp: 165077

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.3	83.3
272	13.1	0.0	32.4

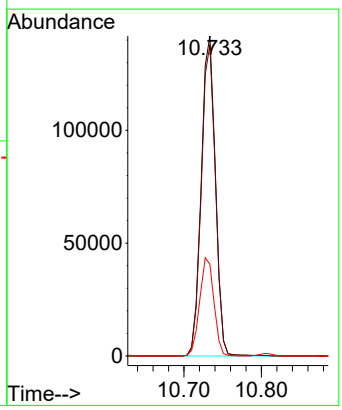


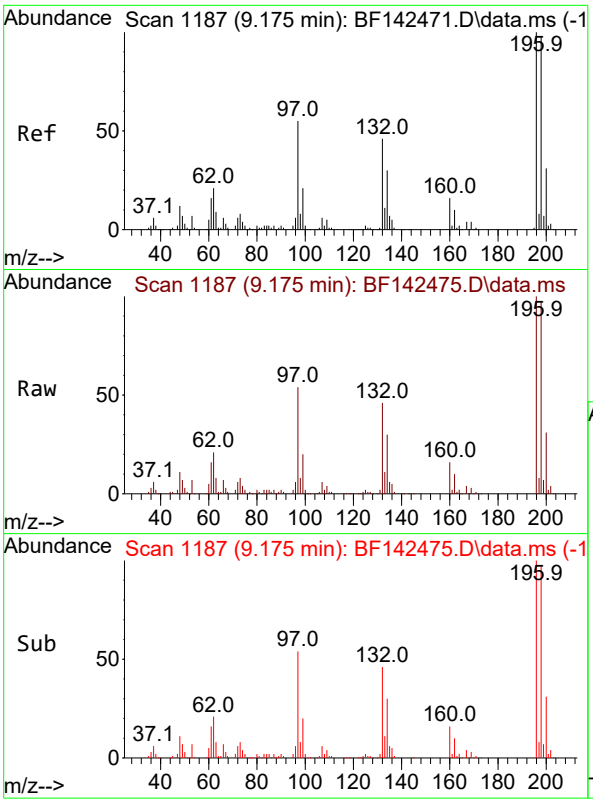


#42
2,4,6-Tribromophenol
Concen: 75.790 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:330 Resp: 179309

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	31.0	24.6	36.8



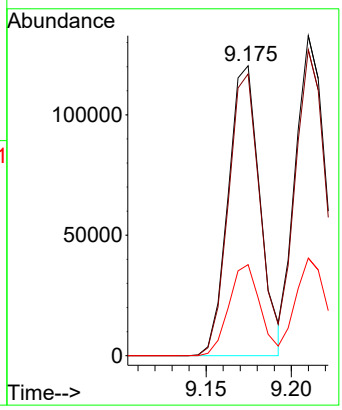


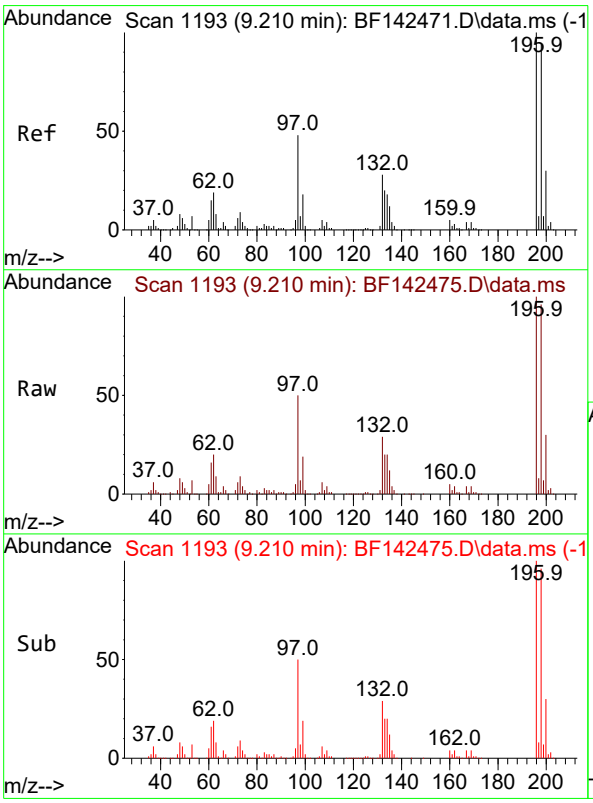
#43
2,4,6-Trichlorophenol
Concen: 37.954 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:196 Resp: 156603

Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.8	118.2
200	31.4	24.9	37.3

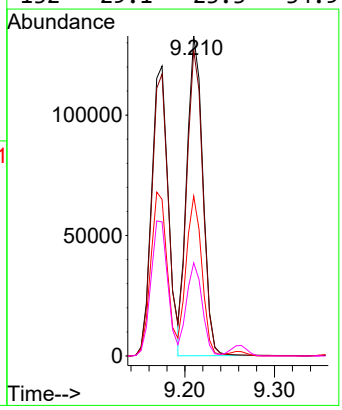


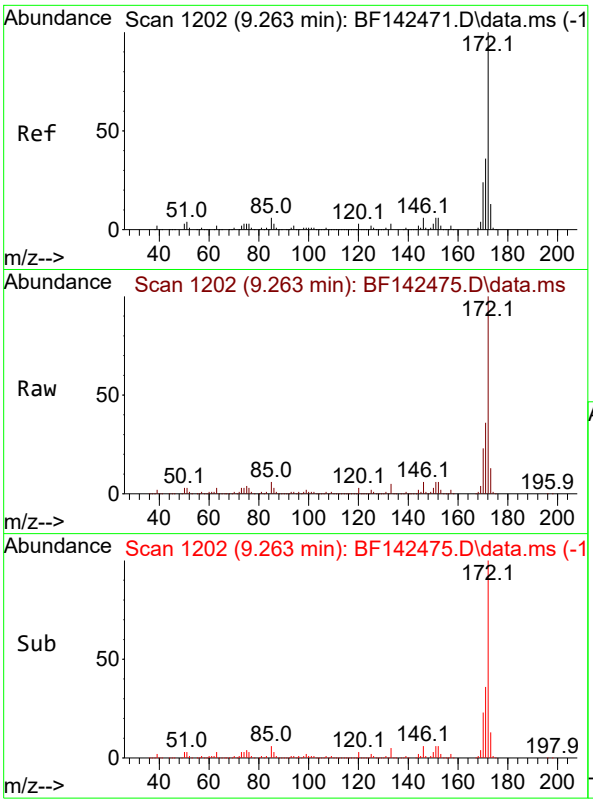


#44
2,4,5-Trichlorophenol
Concen: 37.766 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:196 Resp: 164342

Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.5	113.3
97	49.9	39.3	58.9
132	29.1	23.3	34.9



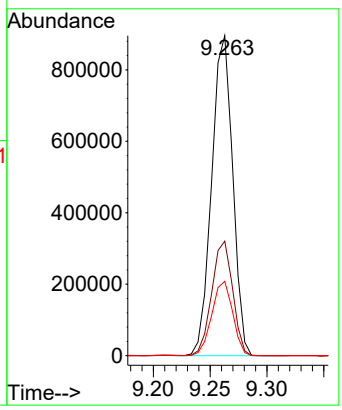


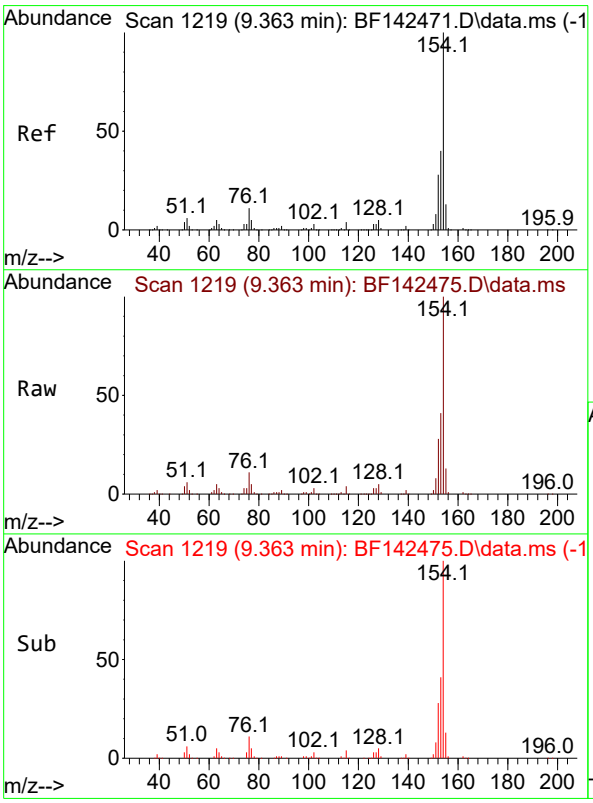
#45
2-Fluorobiphenyl
Concen: 72.557 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:172 Resp: 1152622

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.3	18.9	28.3

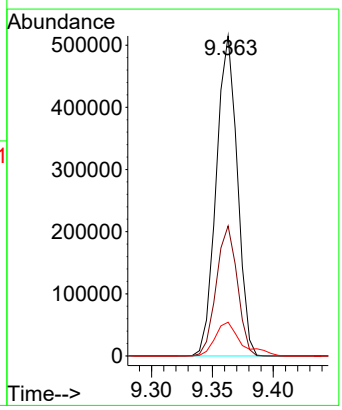


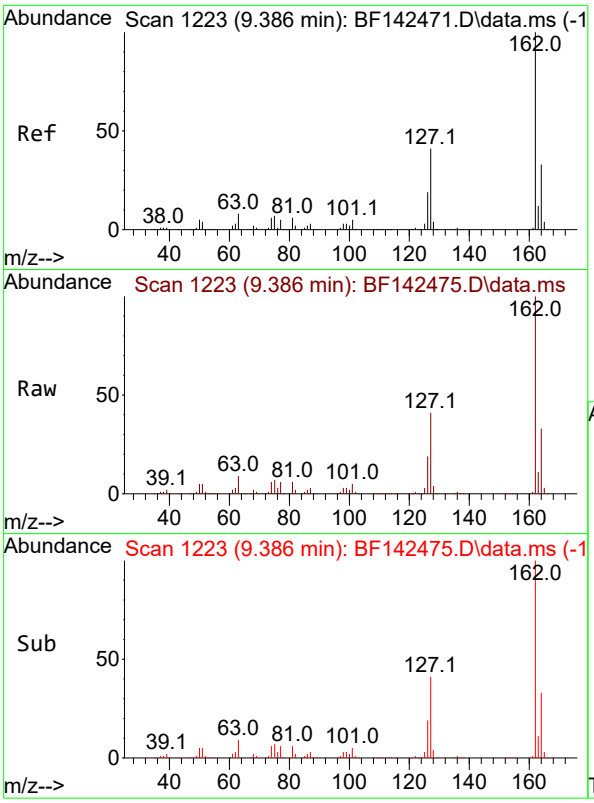


#46
1,1'-Biphenyl
Concen: 37.487 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:154 Resp: 619947

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	10.6	0.0	30.8



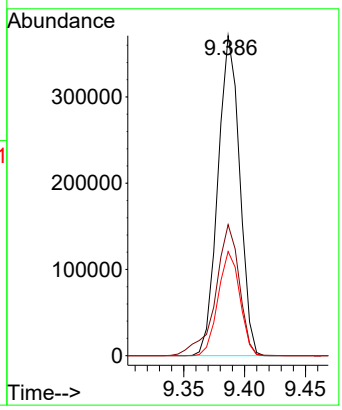


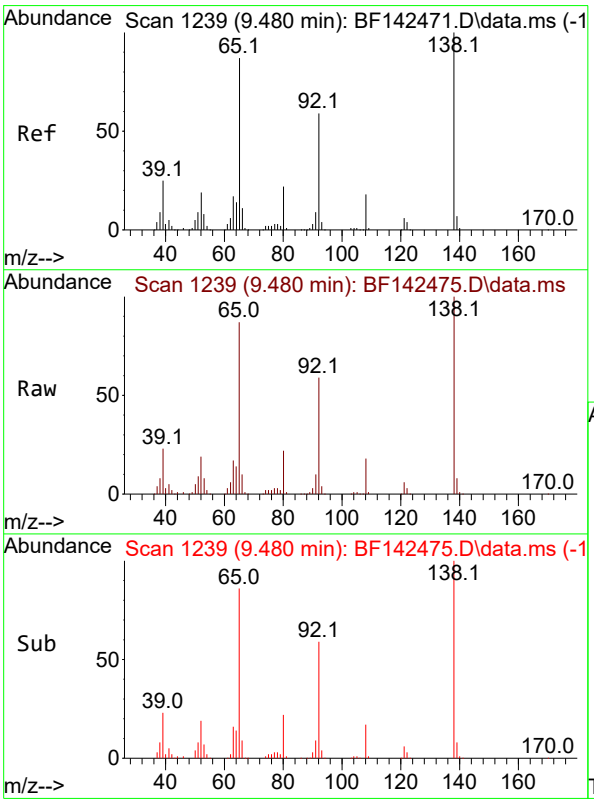
#47
2-Chloronaphthalene
Concen: 37.763 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:162 Resp: 461414

Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.5	50.3
164	32.5	26.1	39.1

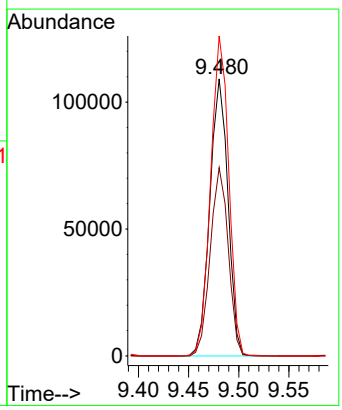


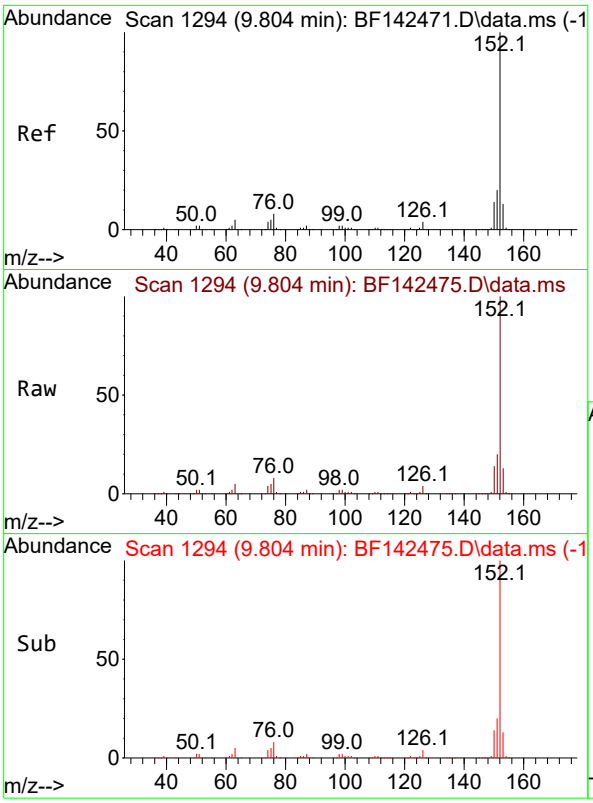


#48
2-Nitroaniline
Concen: 38.867 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion: 65 Resp: 137268

Ion	Ratio	Lower	Upper
65	100		
92	68.0	54.4	81.6
138	115.5	91.4	137.2



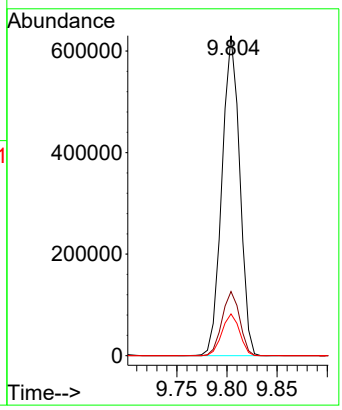


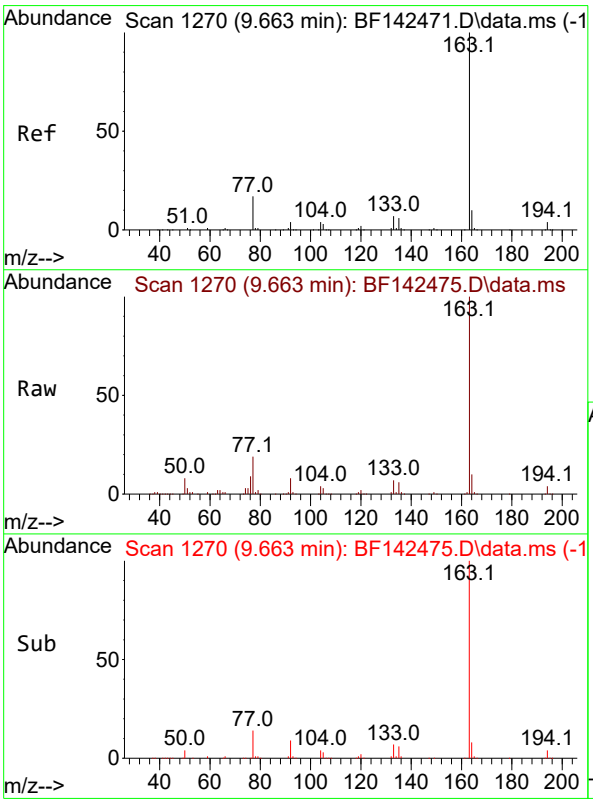
#49
Acenaphthylene
Concen: 37.630 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:152 Resp: 776377

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.6	15.8

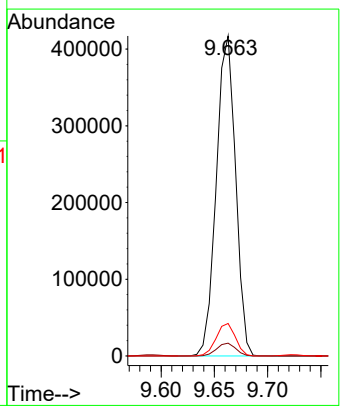


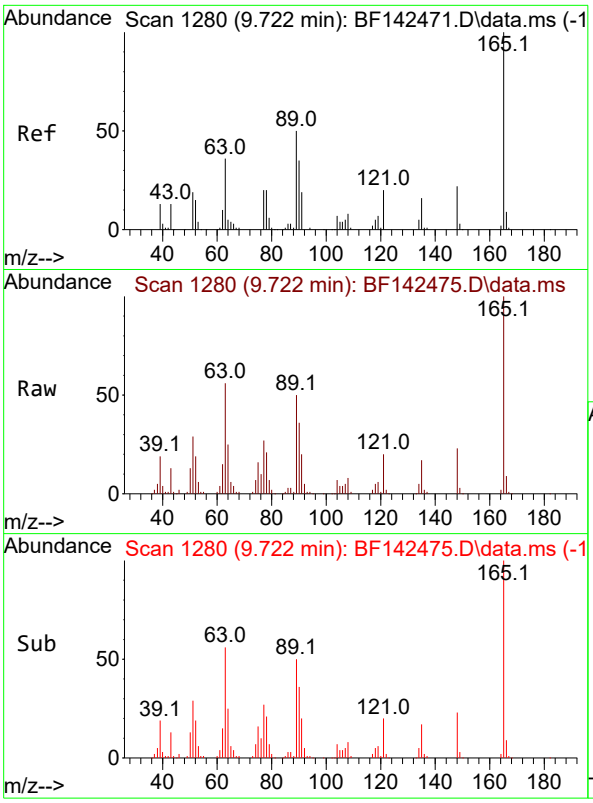


#50
Dimethylphthalate
Concen: 37.184 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:163 Resp: 523004

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.4



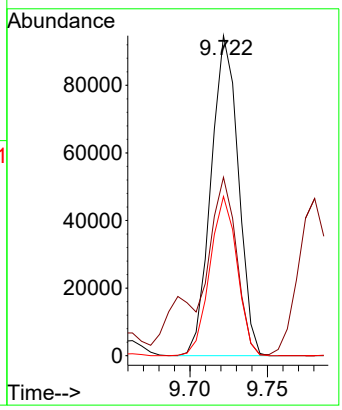


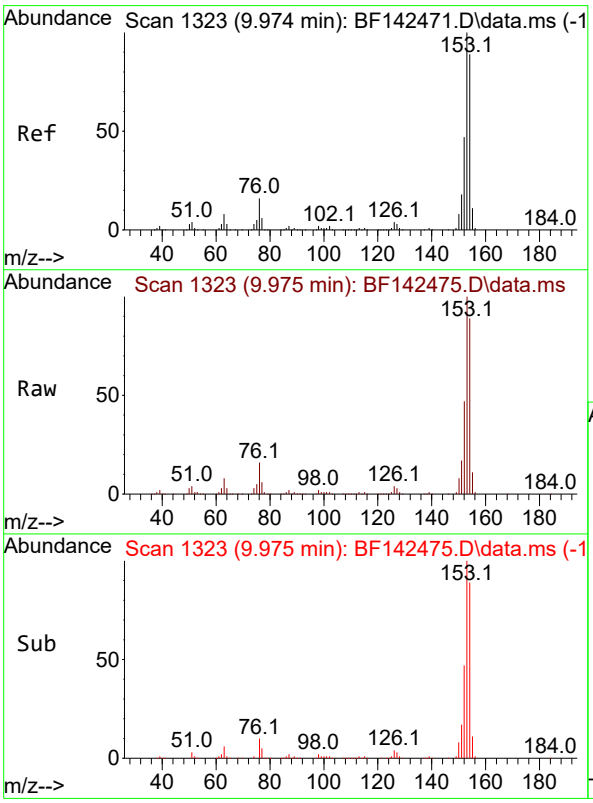
#51
2,6-Dinitrotoluene
Concen: 38.191 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:165 Resp: 115938

Ion	Ratio	Lower	Upper
165	100		
63	55.8	42.9	64.3
89	49.8	40.2	60.4

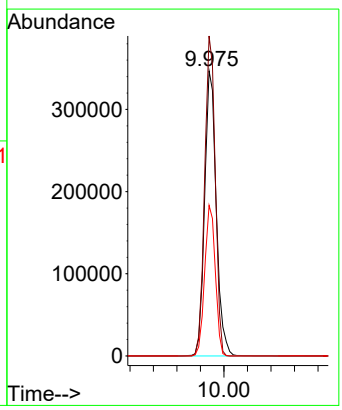


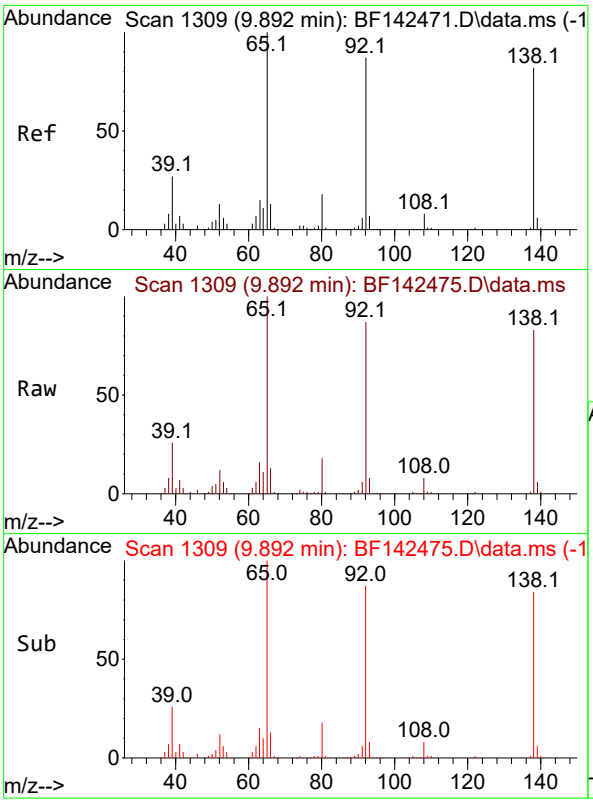


#52
Acenaphthene
Concen: 37.877 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:154 Resp: 477197

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.0	135.0
152	52.8	42.6	64.0



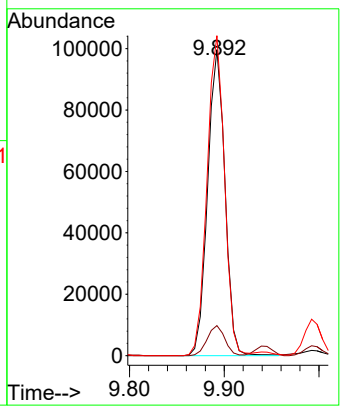


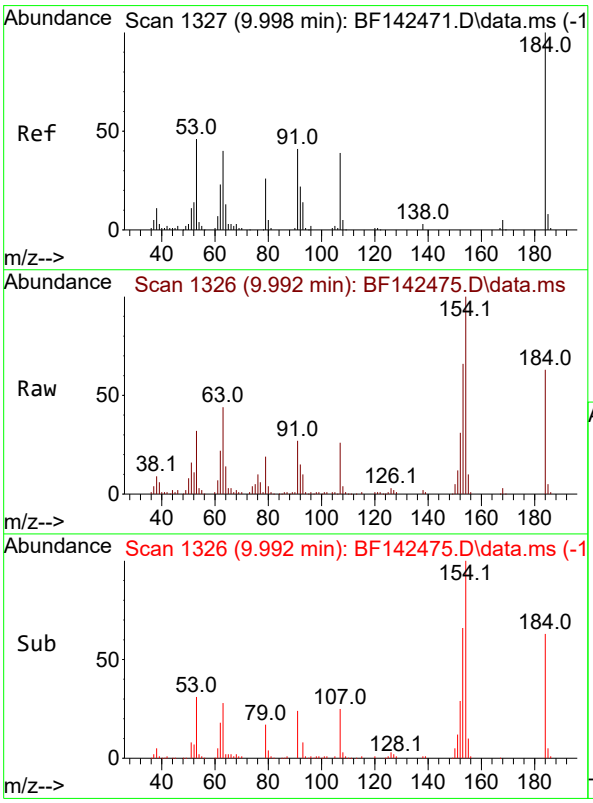
#53
3-Nitroaniline
Concen: 38.246 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:138 Resp: 126814

Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.1	12.1
92	104.6	85.2	127.8

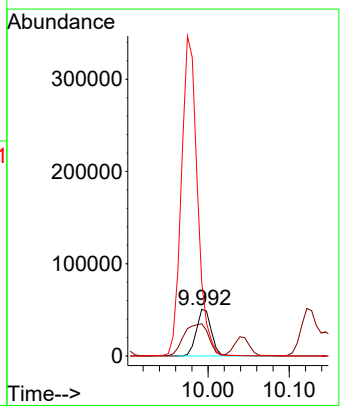


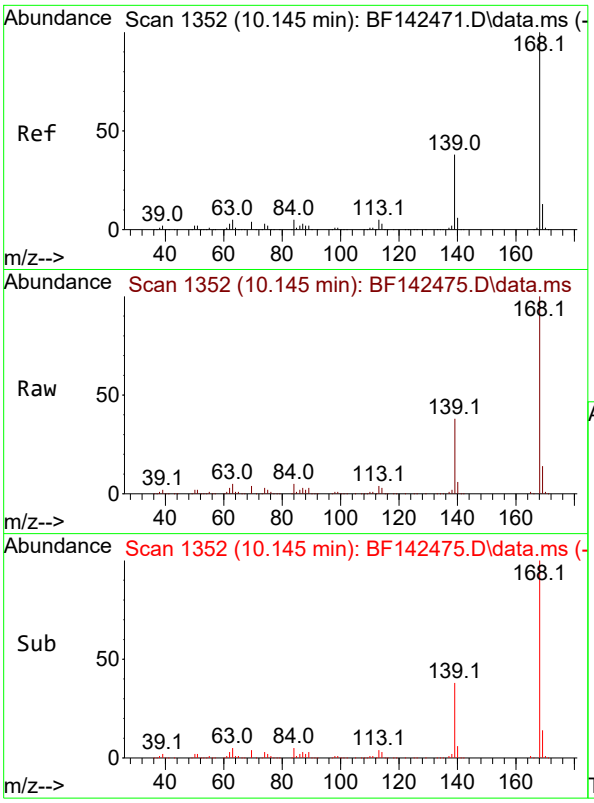


#54
2,4-Dinitrophenol
Concen: 41.481 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:184 Resp: 65057

Ion	Ratio	Lower	Upper
184	100		
63	69.3	46.3	69.5
154	158.8	56.8	85.2#



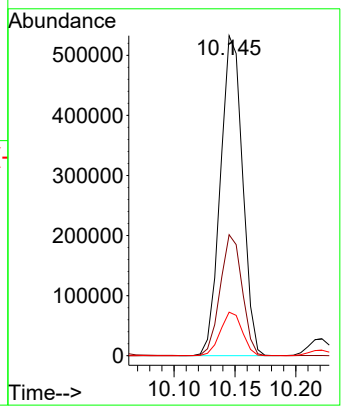


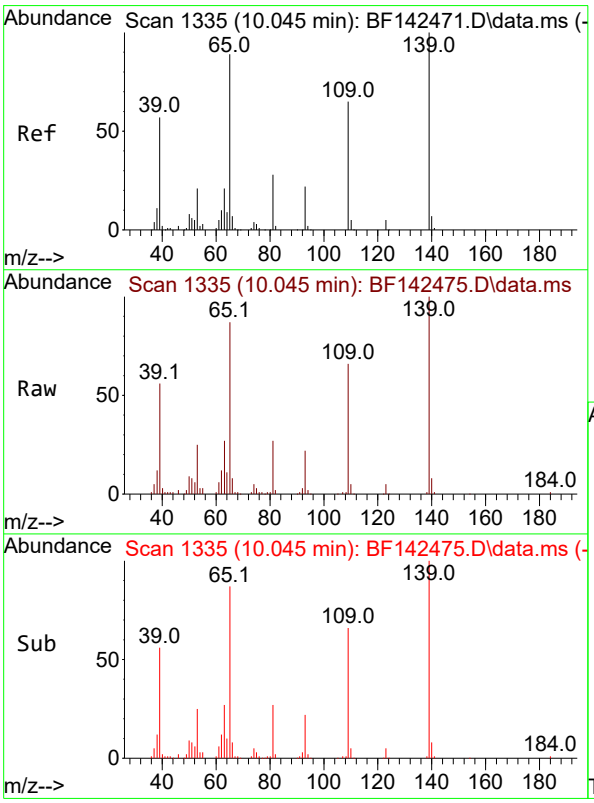
#55
Dibenzofuran
Concen: 37.170 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:168 Resp: 673871

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.6	10.7	16.1

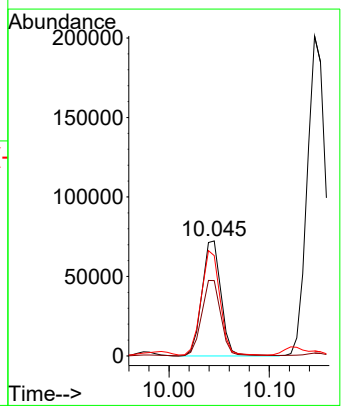


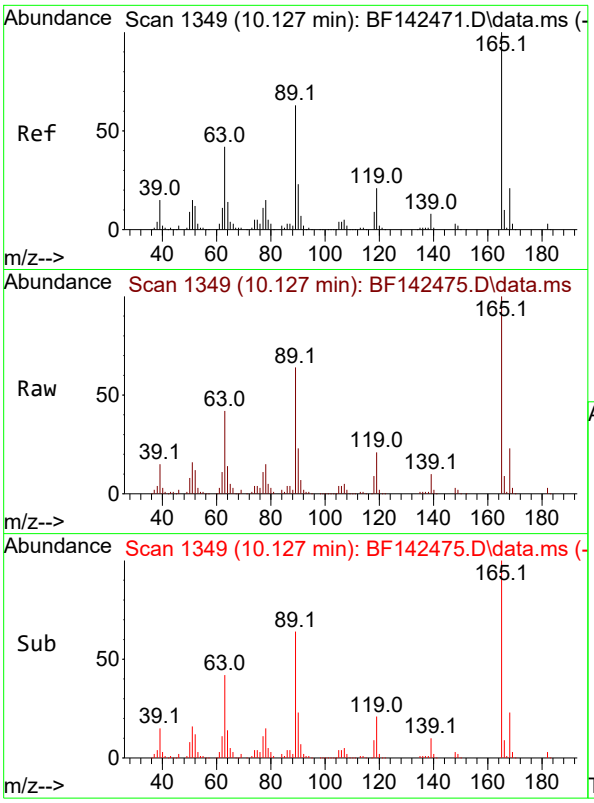


#56
4-Nitrophenol
Concen: 39.320 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:139 Resp: 96197

Ion	Ratio	Lower	Upper
139	100		
109	65.6	45.1	85.1
65	87.3	69.7	109.7



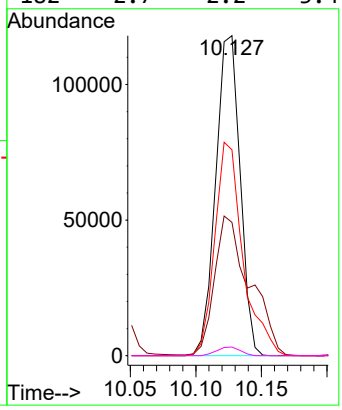


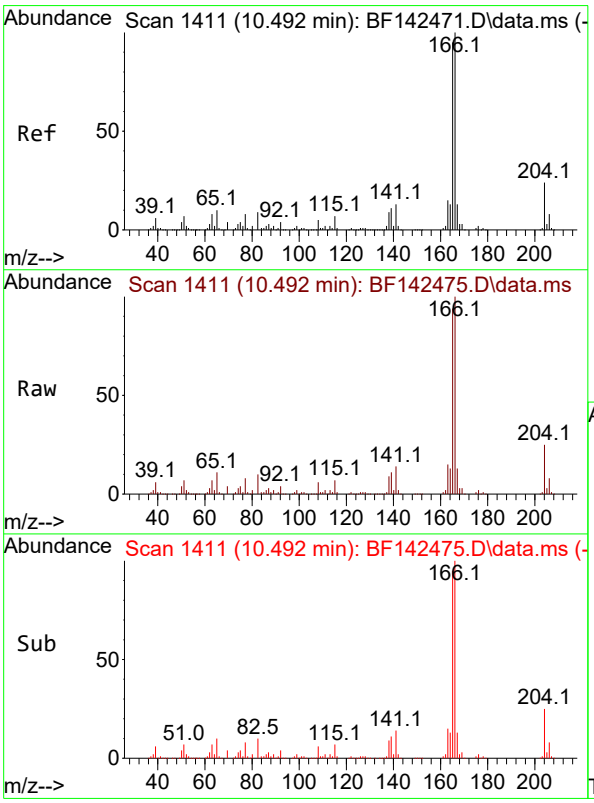
#57
2,4-Dinitrotoluene
Concen: 38.463 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:165 Resp: 152488

Ion	Ratio	Lower	Upper
165	100		
63	41.6	33.6	50.4
89	64.4	50.2	75.4
182	2.7	2.2	3.4

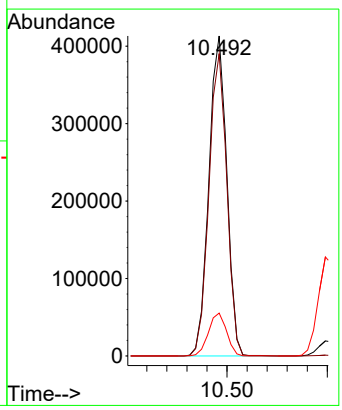


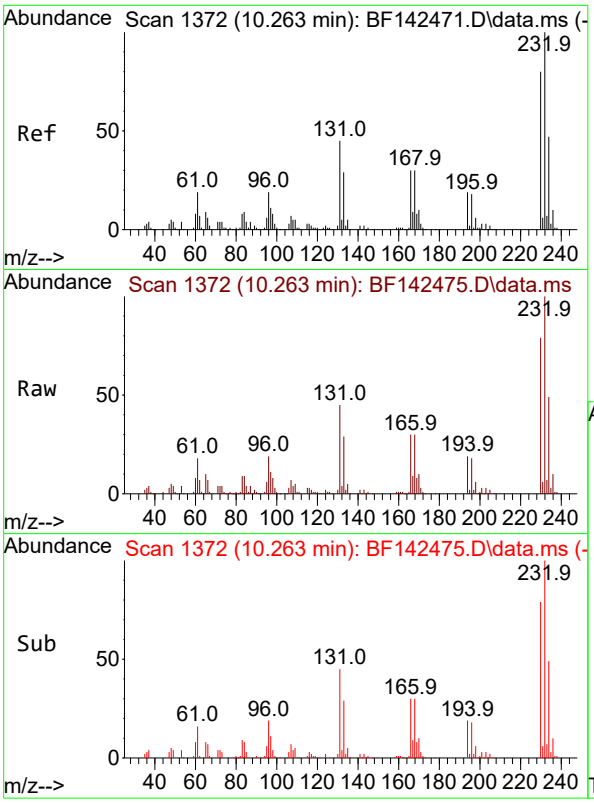


#58
Fluorene
Concen: 36.662 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:166 Resp: 513487

Ion	Ratio	Lower	Upper
166	100		
165	94.5	75.8	113.8
167	13.4	10.6	16.0



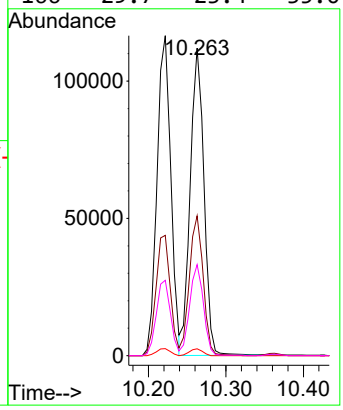


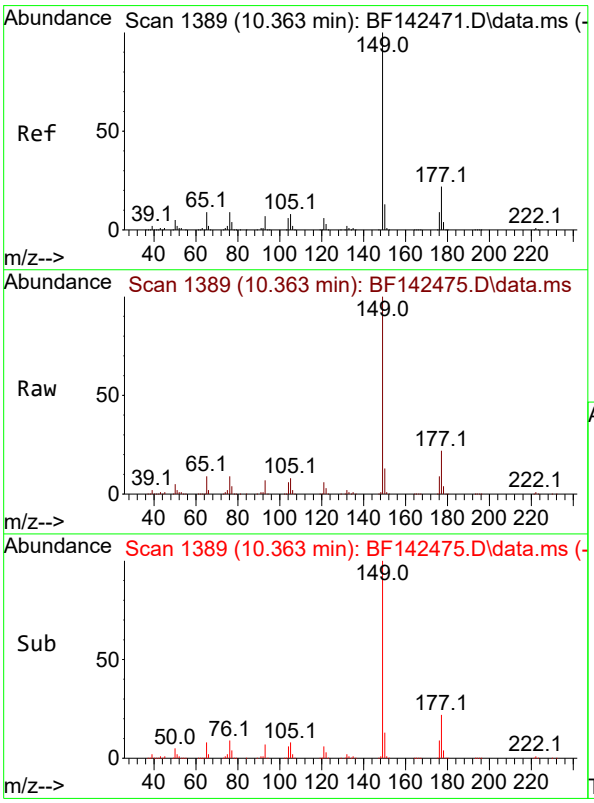
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.000 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:232 Resp: 138047

Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.2	52.8
130	2.1	1.7	2.5
166	29.7	23.4	35.0

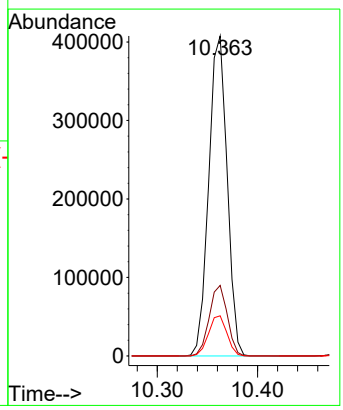


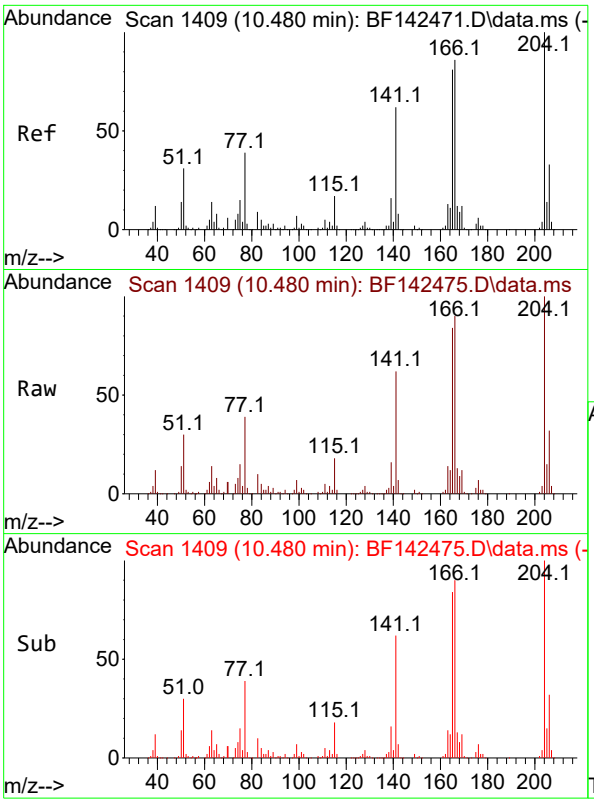


#60
Diethylphthalate
Concen: 37.844 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 519861

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.5	10.1	15.1



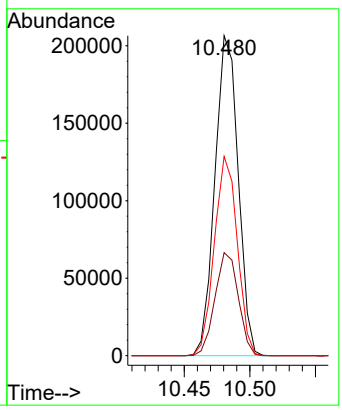


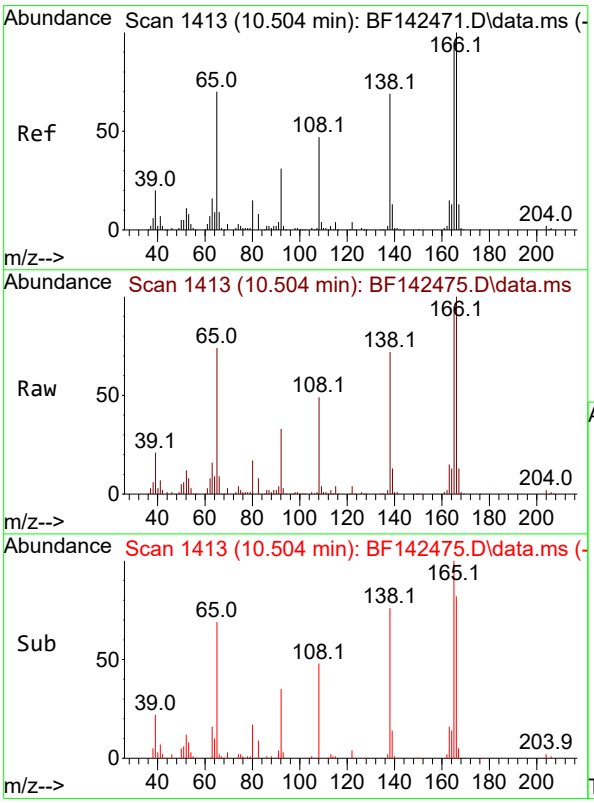
#61
4-Chlorophenyl-phenylether
Concen: 36.985 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:204 Resp: 254467

Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.3	39.5
141	62.3	49.5	74.3

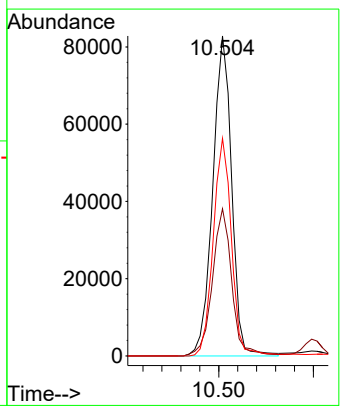


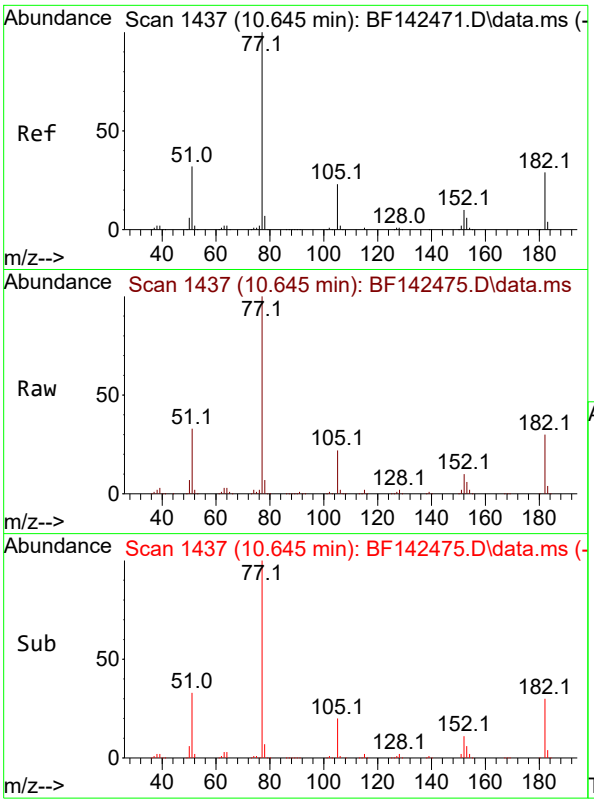


#62
4-Nitroaniline
Concen: 38.132 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:138 Resp: 114671

Ion	Ratio	Lower	Upper
138	100		
92	46.0	26.0	66.0
108	68.0	48.4	88.4



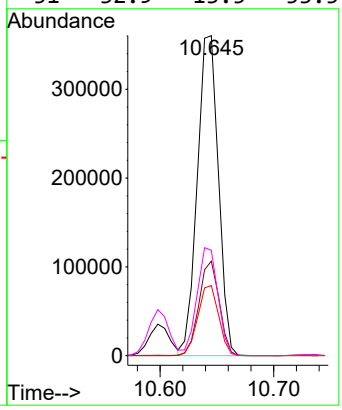


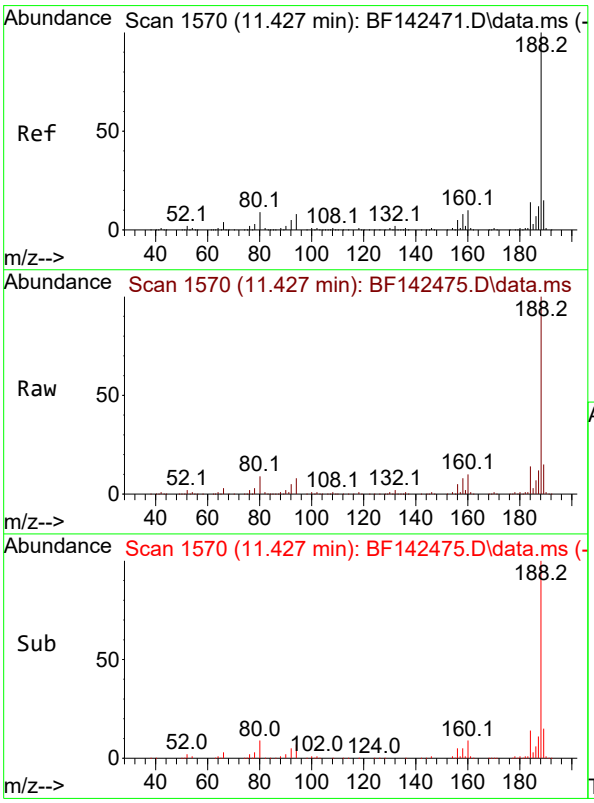
#63
Azobenzene
Concen: 37.780 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion: 77 Resp: 466131

Ion	Ratio	Lower	Upper
77	100		
182	29.6	9.0	49.0
105	21.9	2.4	42.4
51	32.9	13.5	53.5

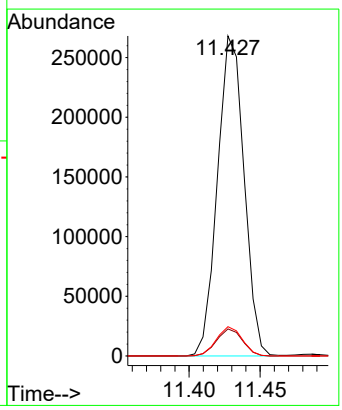


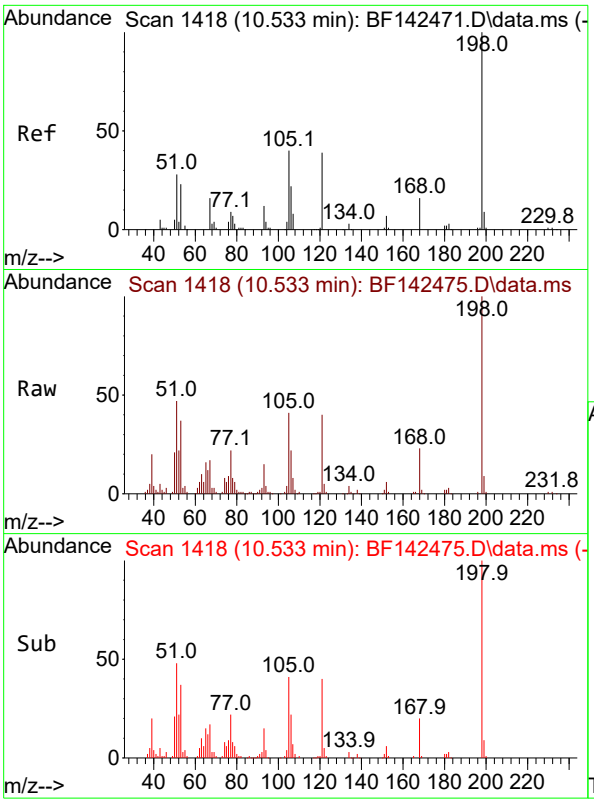


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:188 Resp: 348749

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.2	7.4	11.0



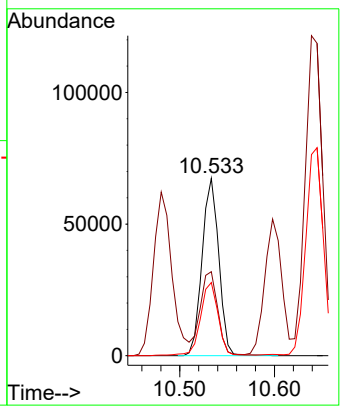


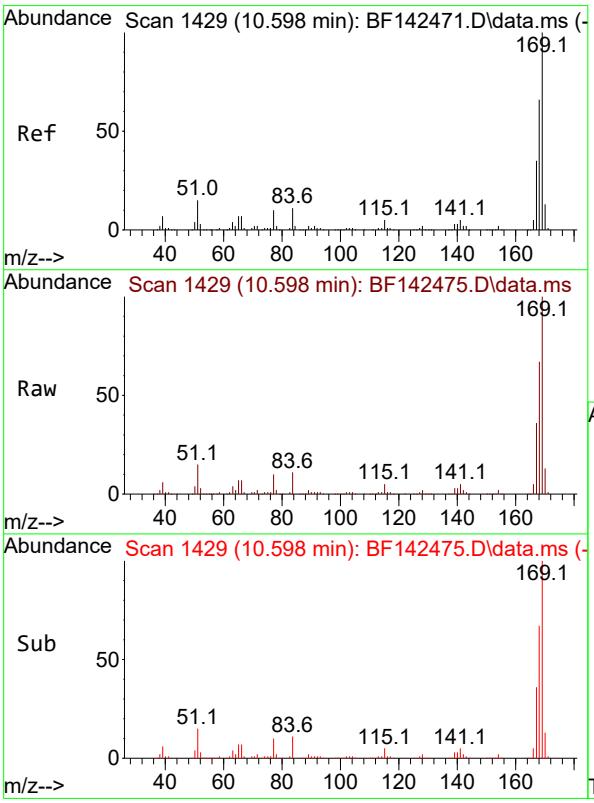
#65
4,6-Dinitro-2-methylphenol
Concen: 42.334 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:198 Resp: 82393

Ion	Ratio	Lower	Upper
198	100		
51	47.3	28.3	68.3
105	41.2	21.3	61.3

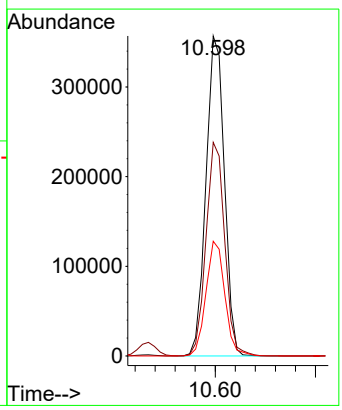


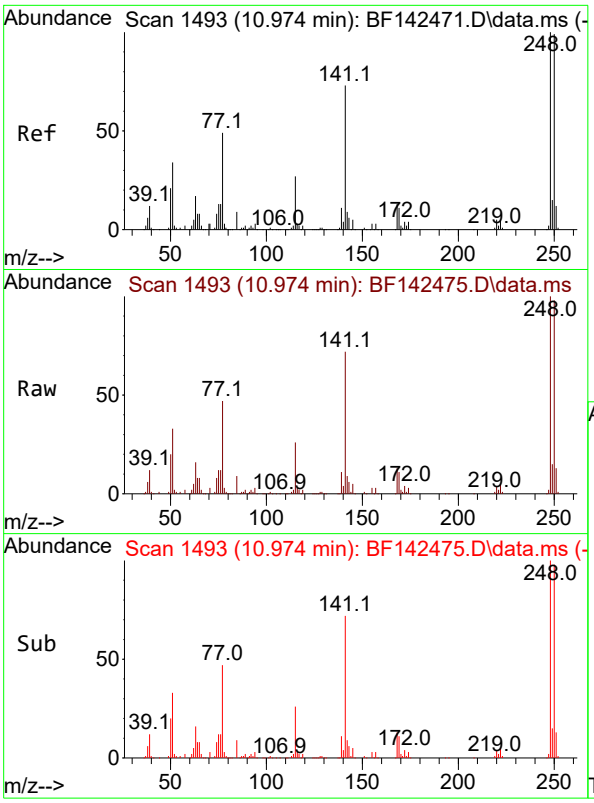


#66
n-Nitrosodiphenylamine
Concen: 38.132 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:169 Resp: 454975

Ion	Ratio	Lower	Upper
169	100		
168	66.7	52.7	79.1
167	35.8	28.3	42.5



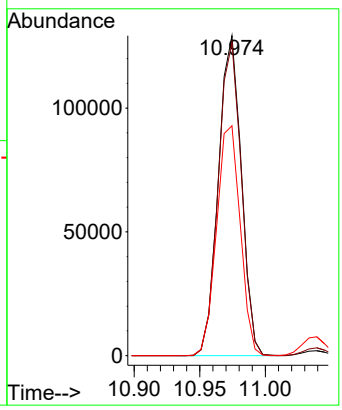


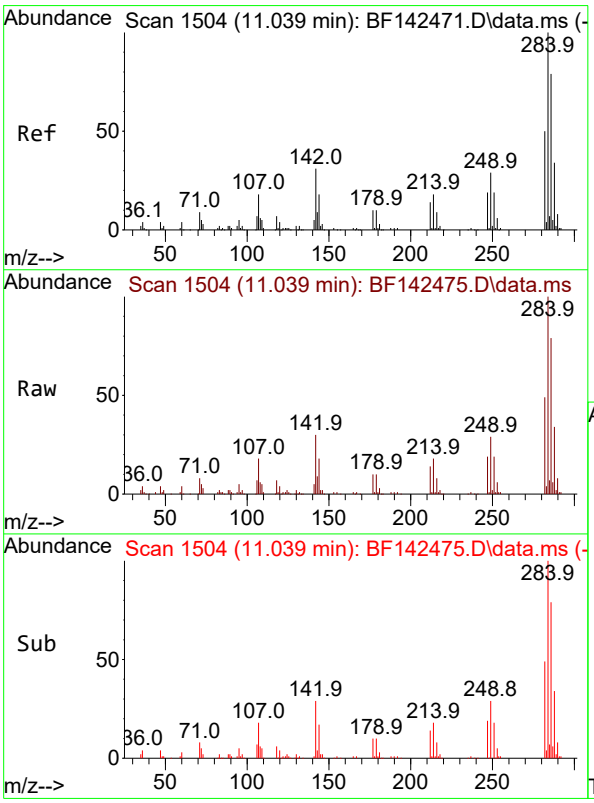
#67
4-Bromophenyl-phenylether
Concen: 38.189 ng
RT: 10.974 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:248 Resp: 157480

Ion	Ratio	Lower	Upper
248	100		
250	97.8	79.0	118.4
141	71.8	58.4	87.6

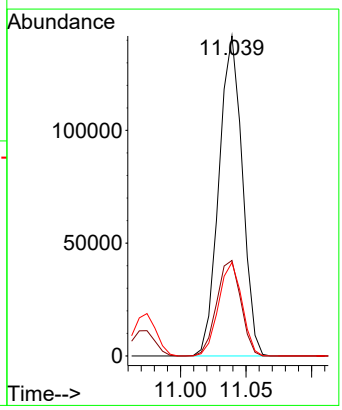


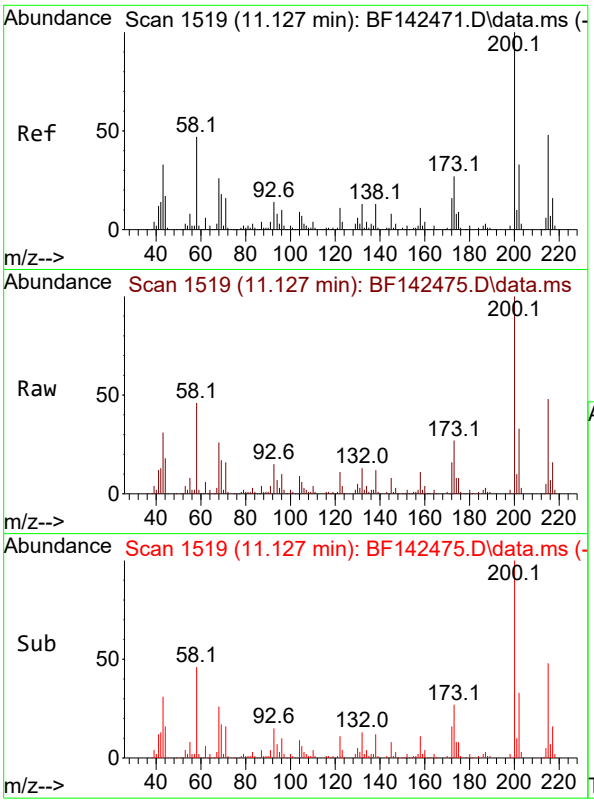


#68
Hexachlorobenzene
Concen: 38.554 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:284 Resp: 175840

Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.8	37.2
249	29.2	23.6	35.4



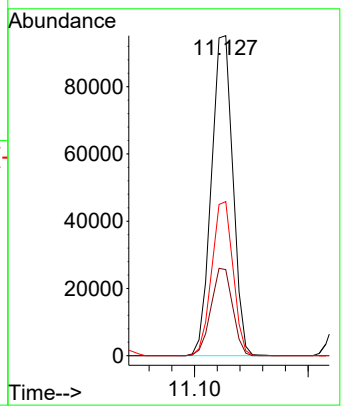


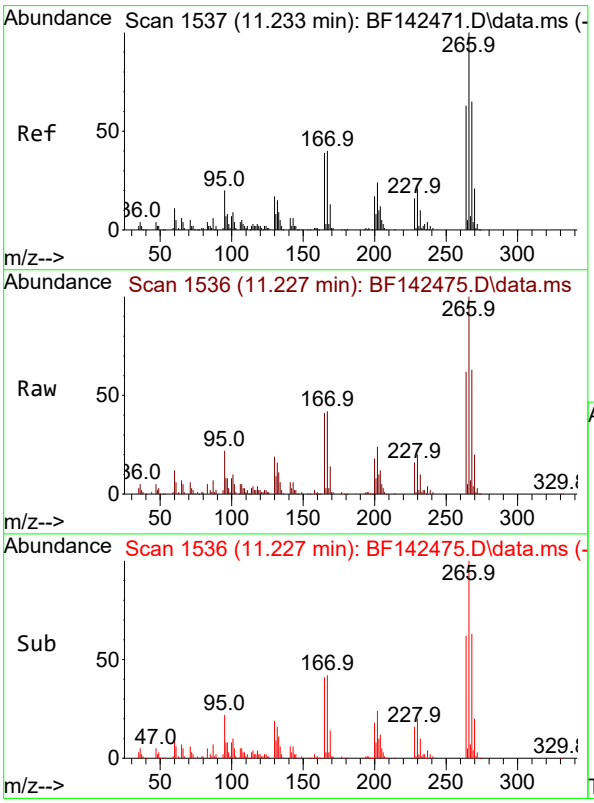
#69
Atrazine
Concen: 39.541 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:200 Resp: 125293

Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.4	47.4
215	48.1	28.5	68.5

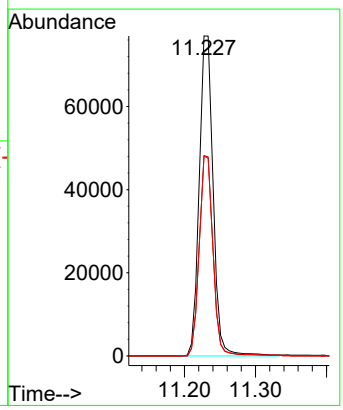


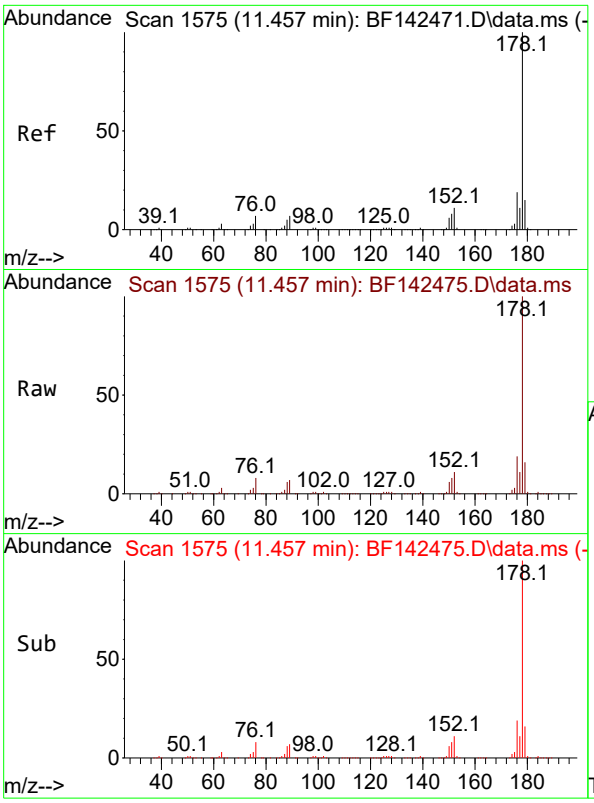


#70
Pentachlorophenol
Concen: 40.866 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:266 Resp: 105232

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.7	77.5
264	62.5	50.4	75.6



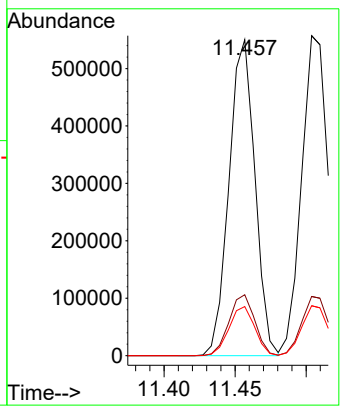


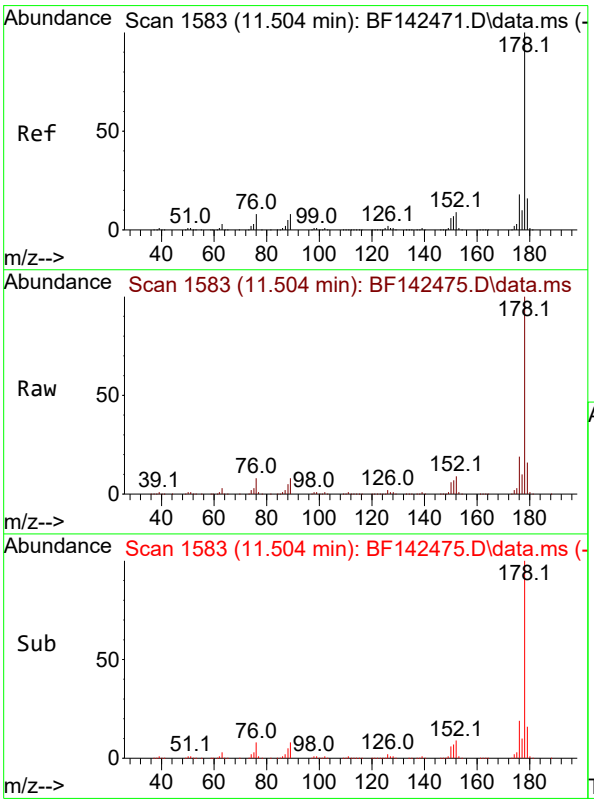
#71
Phenanthrene
Concen: 37.478 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:178 Resp: 698503

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.5	12.3	18.5

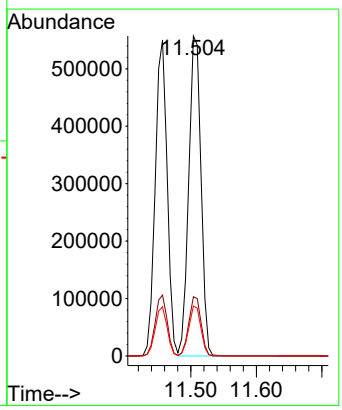


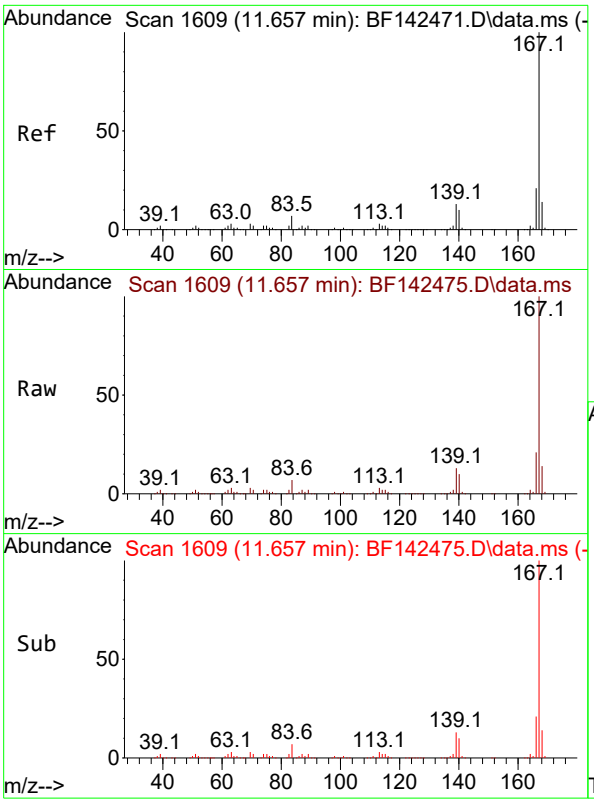


#72
Anthracene
Concen: 38.032 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:178 Resp: 723416

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.6	12.4	18.6



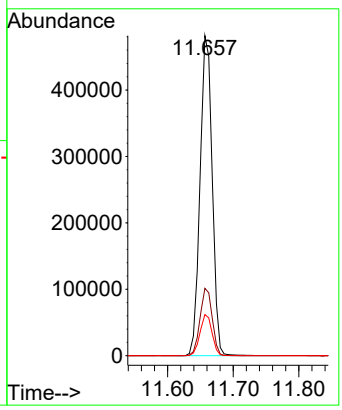


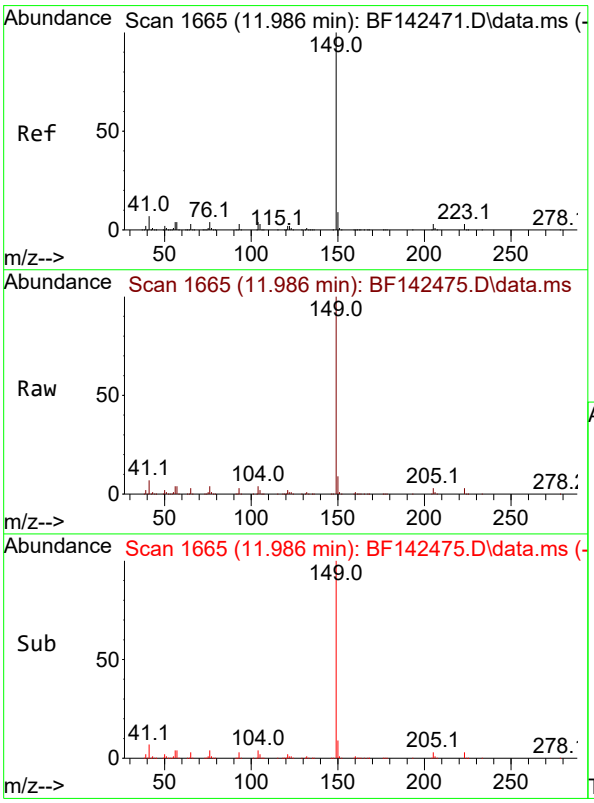
#73
Carbazole
Concen: 38.300 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:167 Resp: 622812

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.8	10.2	15.4

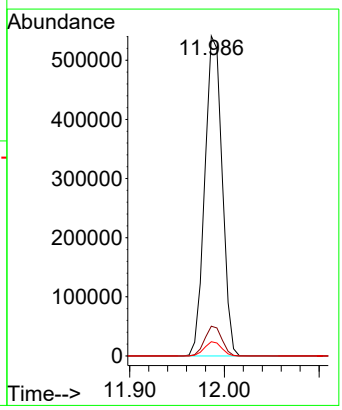


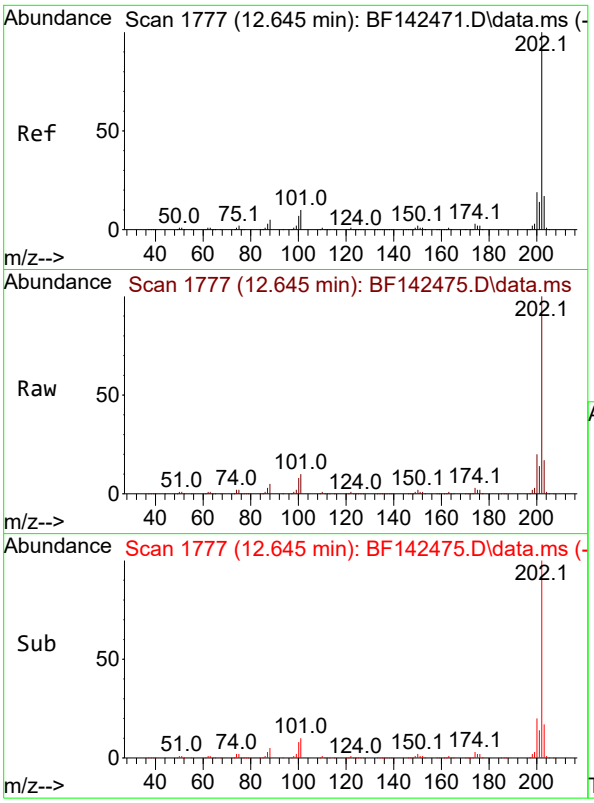


#74
Di-n-butylphthalate
Concen: 38.596 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 686988

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.6	5.4



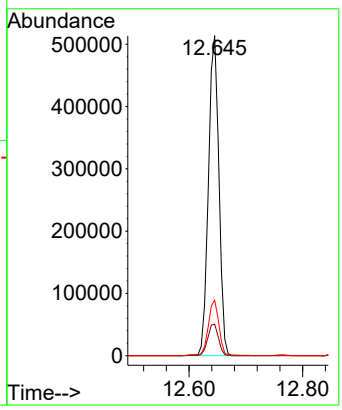


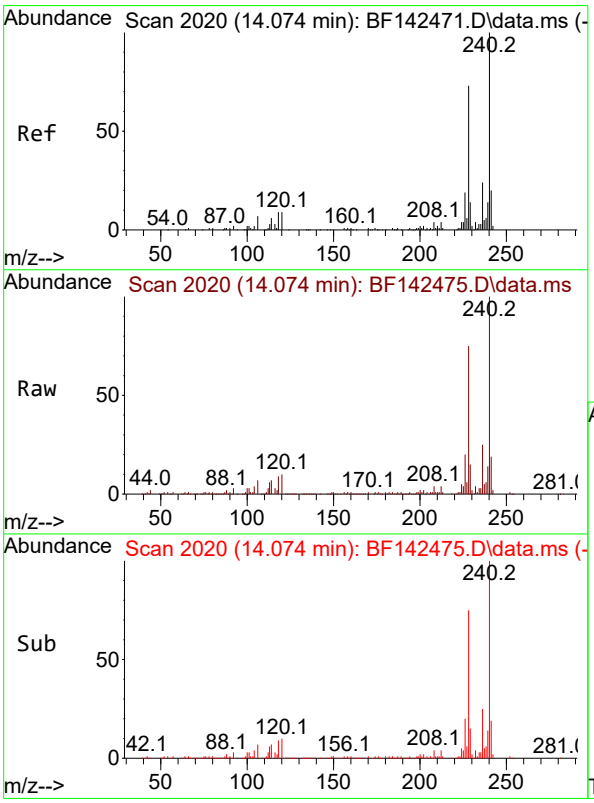
#75
Fluoranthene
Concen: 37.479 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:202 Resp: 652697

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.6
203	17.3	0.0	37.2

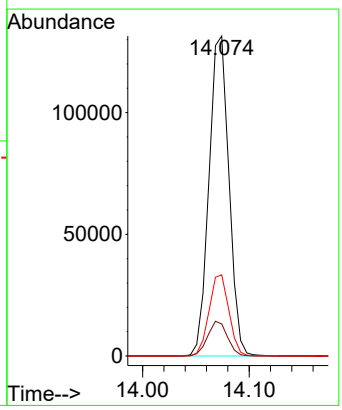


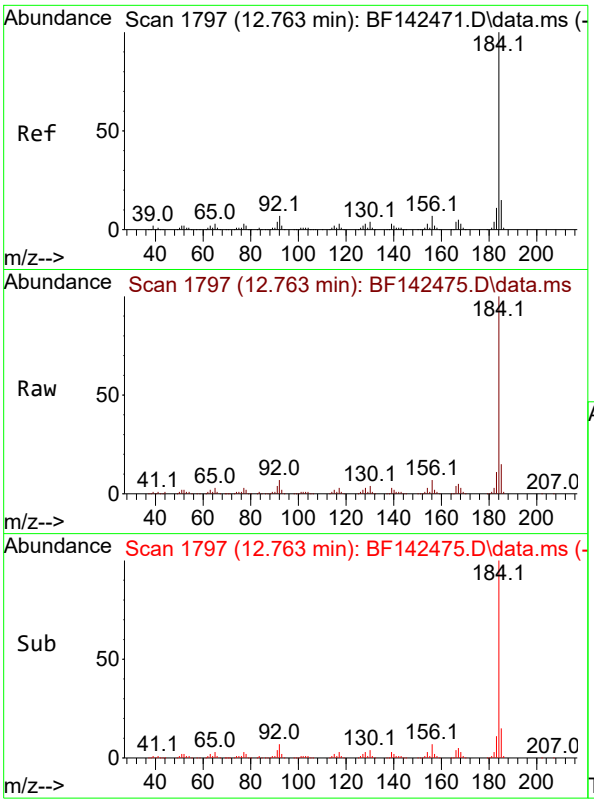


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:240 Resp: 171632

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.3	19.6	29.4



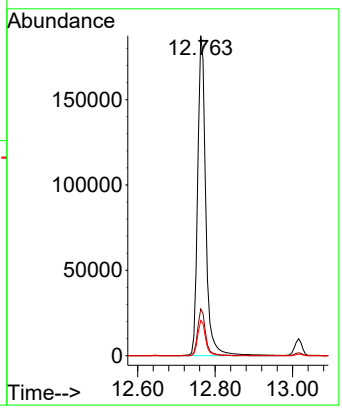


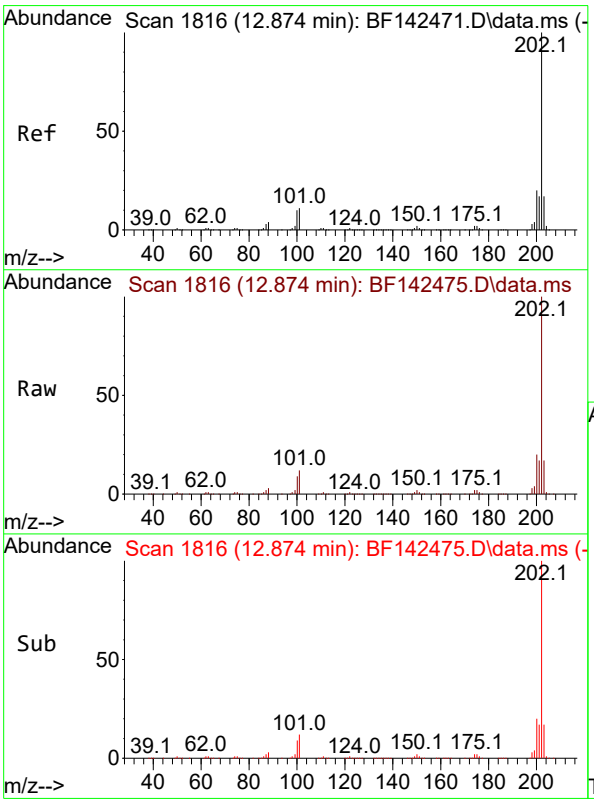
#77
Benzidine
Concen: 42.525 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:184 Resp: 271606

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	11.0	9.0	13.4

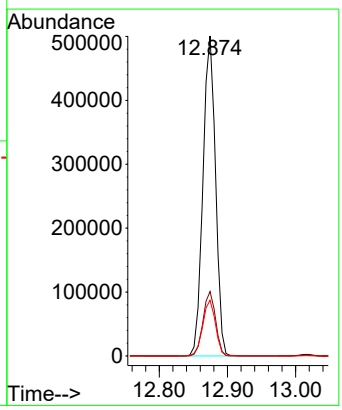


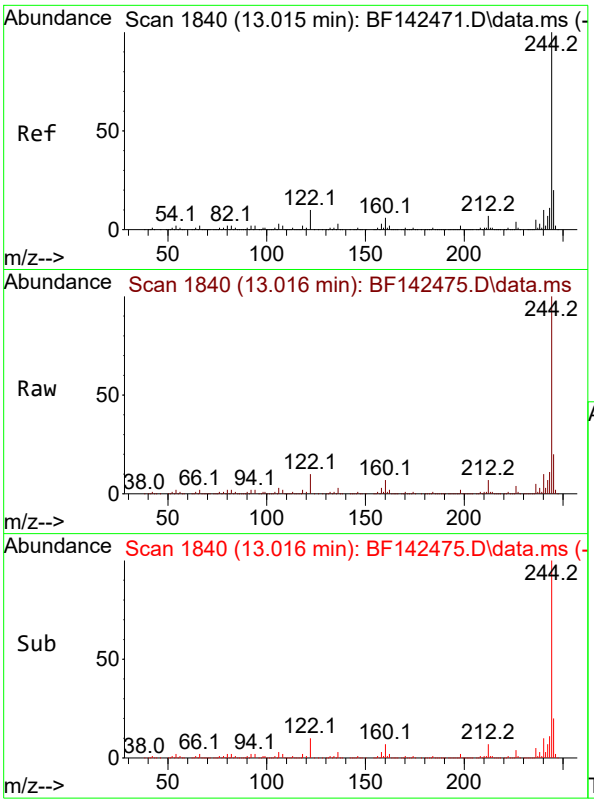


#78
Pyrene
Concen: 40.108 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:202 Resp: 642163

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.4	13.9	20.9



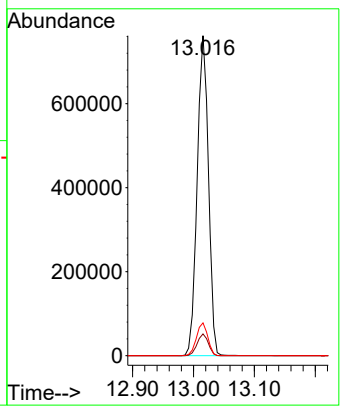


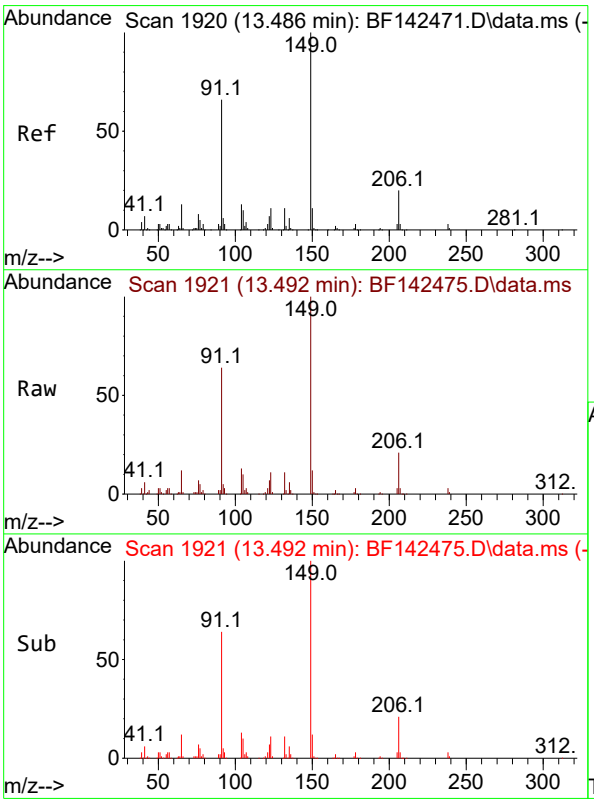
#79
Terphenyl-d14
Concen: 77.714 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:244 Resp: 976059

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.2	8.2	12.2

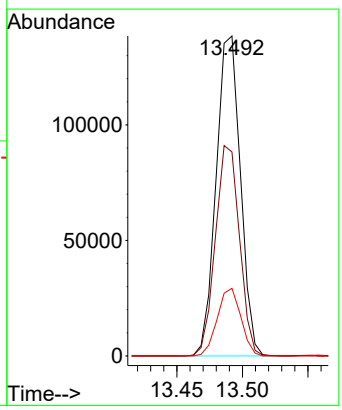


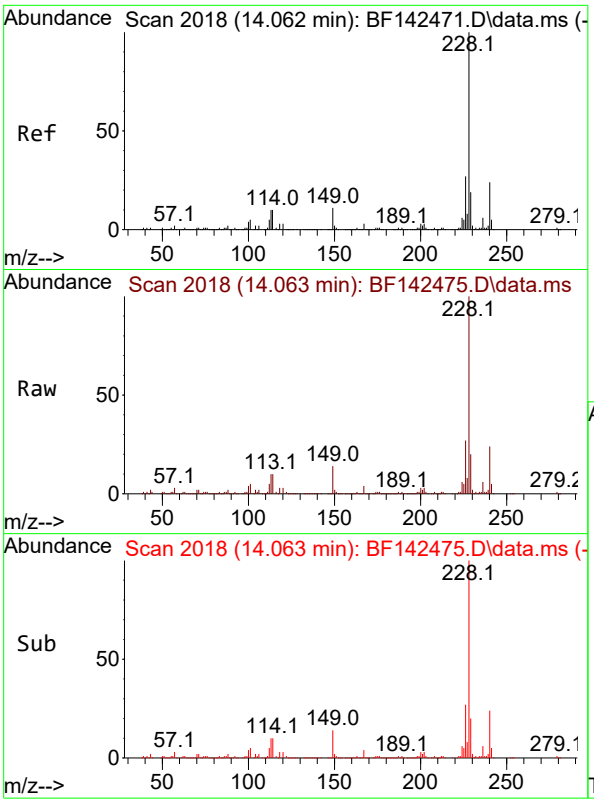


#80
Butylbenzylphthalate
Concen: 40.275 ng
RT: 13.492 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 178179

Ion	Ratio	Lower	Upper
149	100		
91	63.8	52.9	79.3
206	21.1	16.2	24.2



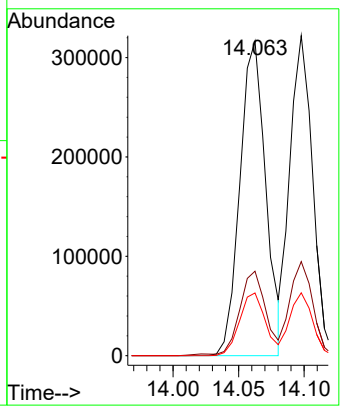


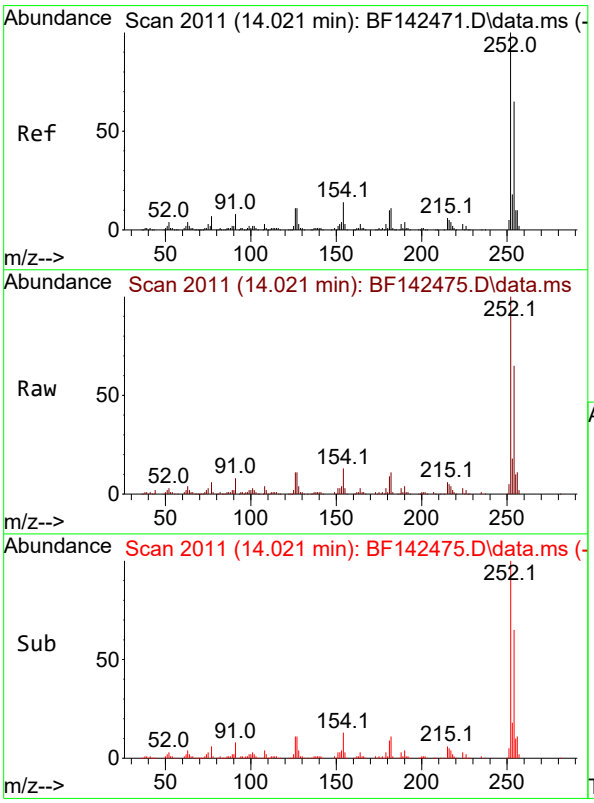
#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 14.063 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:228 Resp: 435297

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	20.0	15.5	23.3

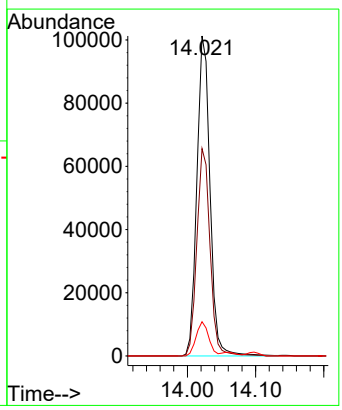


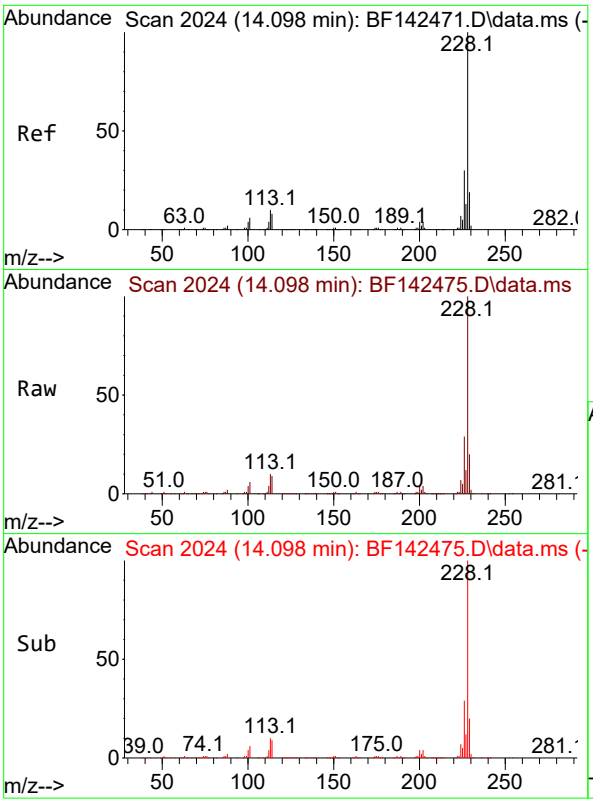


#82
3,3'-Dichlorobenzidine
Concen: 38.874 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 135132

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	10.7	8.9	13.3



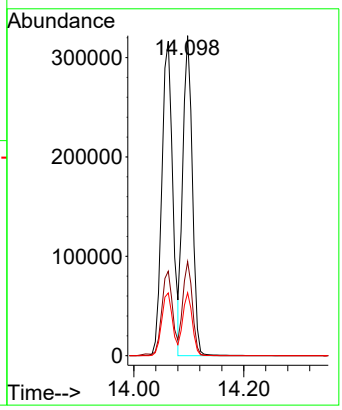


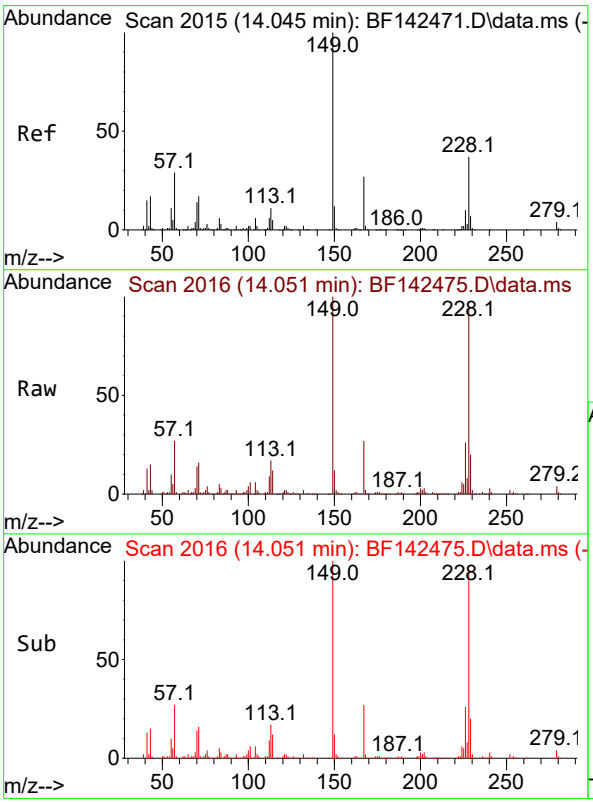
#83
Chrysene
Concen: 37.768 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:228 Resp: 388943

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.6	15.4	23.2

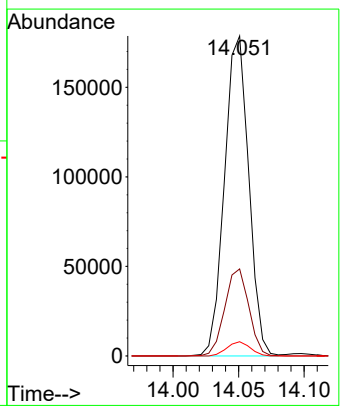


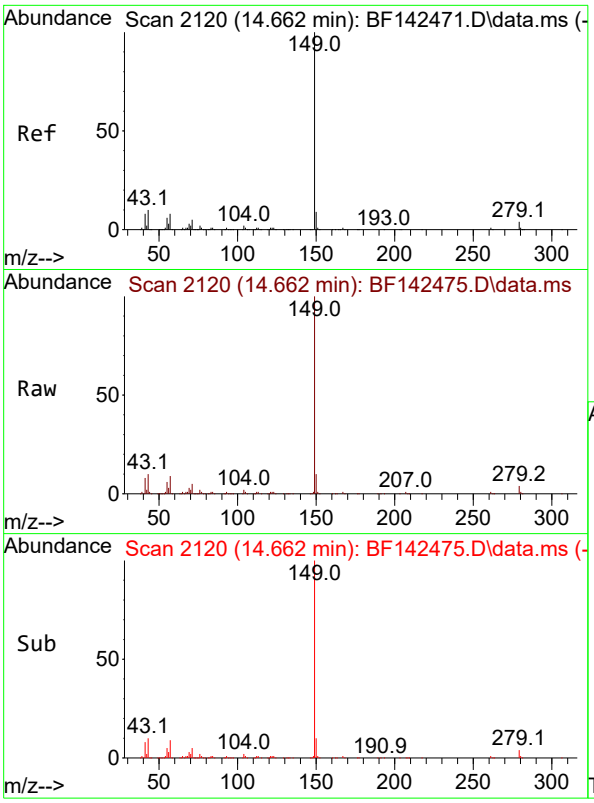


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.596 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:149 Resp: 229915

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	4.4	3.2	4.8



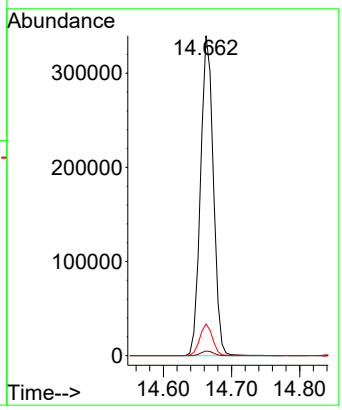


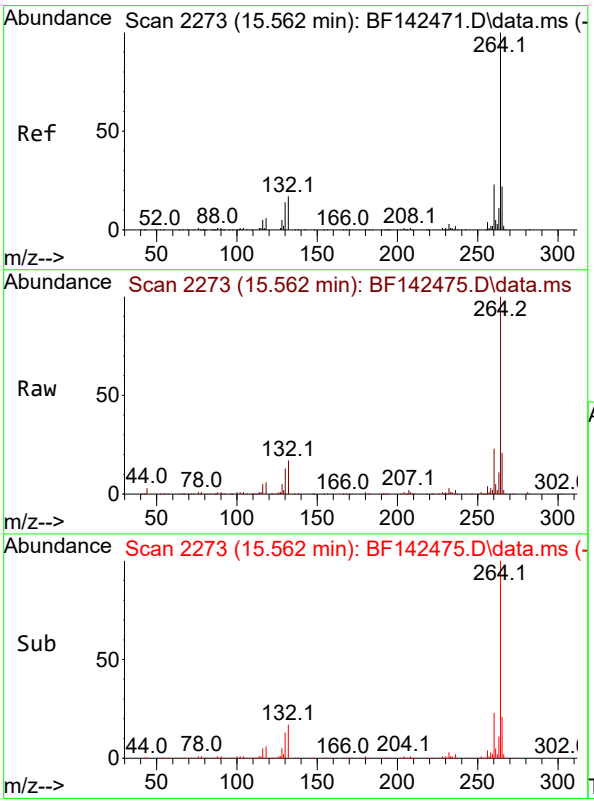
#85
Di-n-octyl phthalate
Concen: 40.048 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:149 Resp: 443488

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.8	7.9	11.9

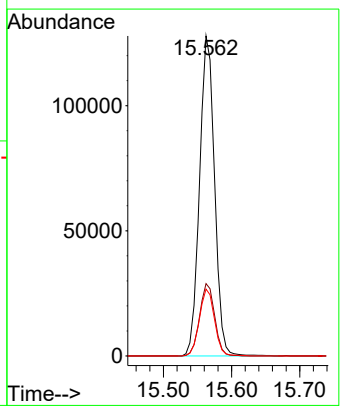


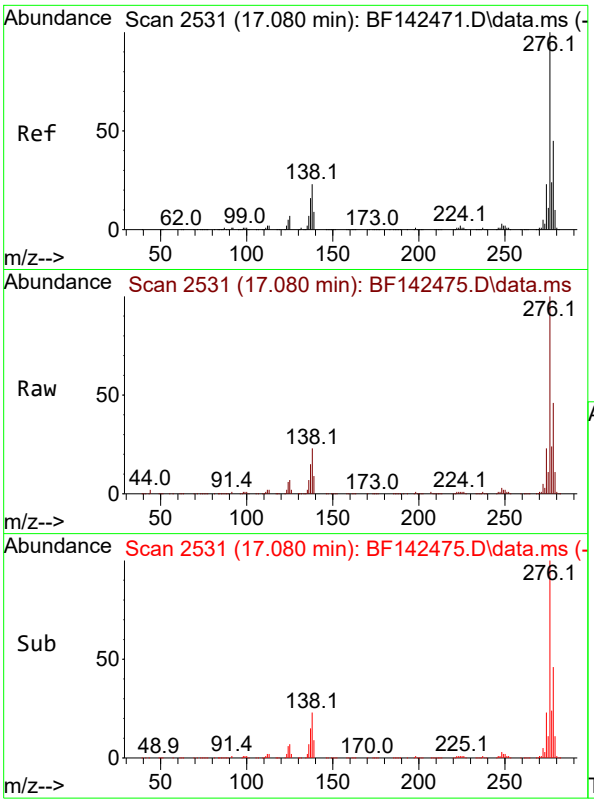


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:264 Resp: 195956

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	28.0
265	20.9	17.7	26.5



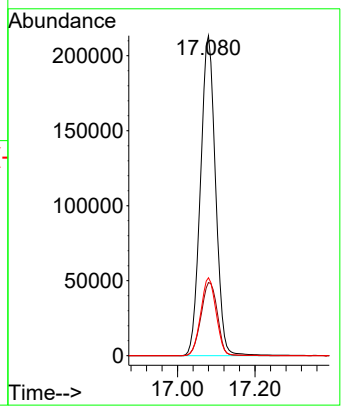


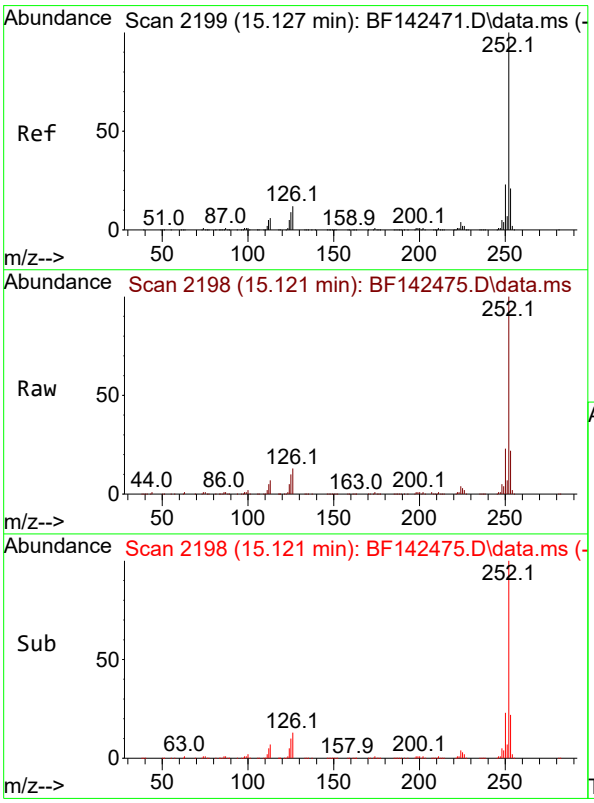
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.070 ng
RT: 17.080 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:276 Resp: 574771

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.0	20.2	30.2

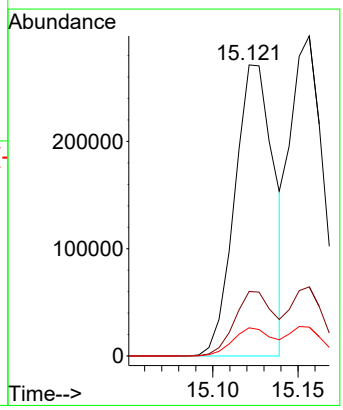


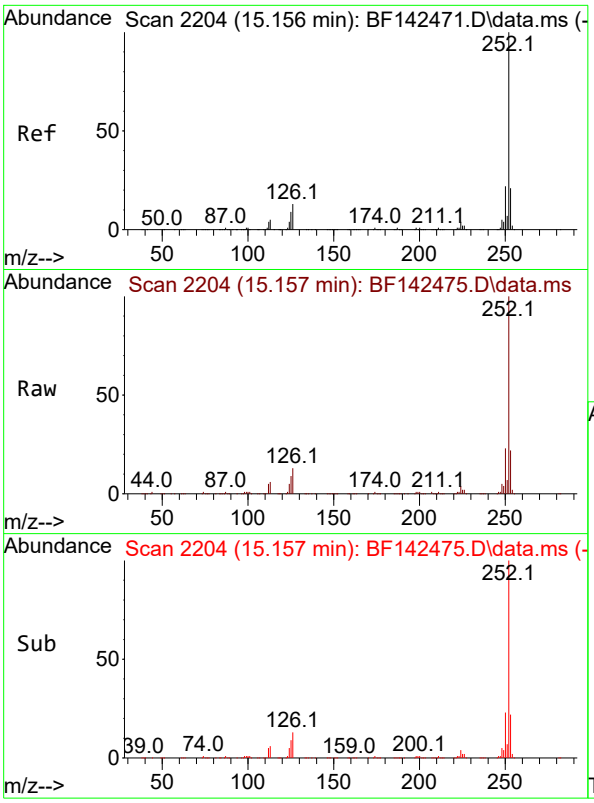


#88
Benzo(b)fluoranthene
Concen: 37.396 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 433704

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.7	7.4	11.0



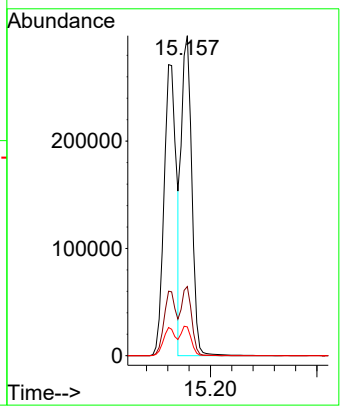


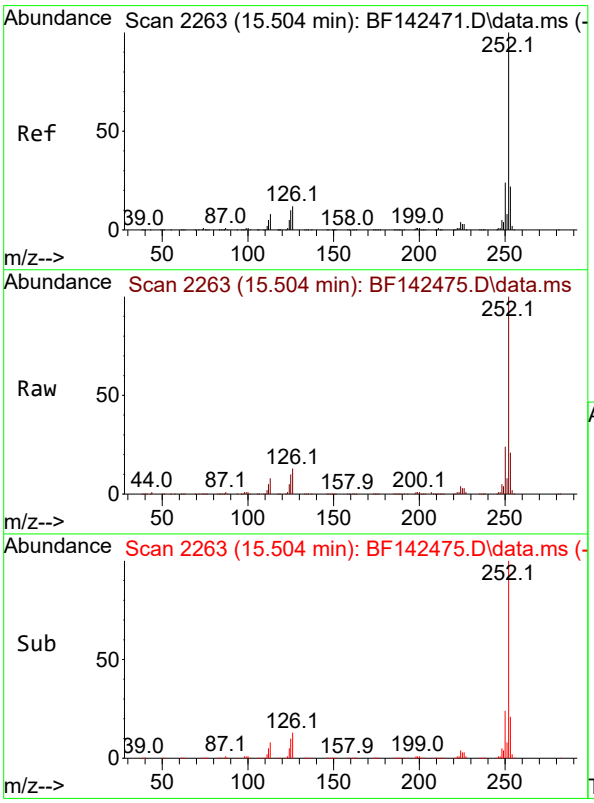
#89
Benzo(k)fluoranthene
Concen: 37.255 ng
RT: 15.157 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:252 Resp: 404679

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	9.0	7.3	10.9

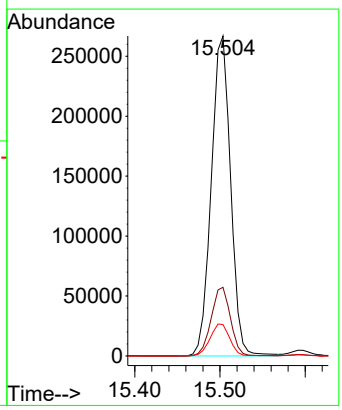


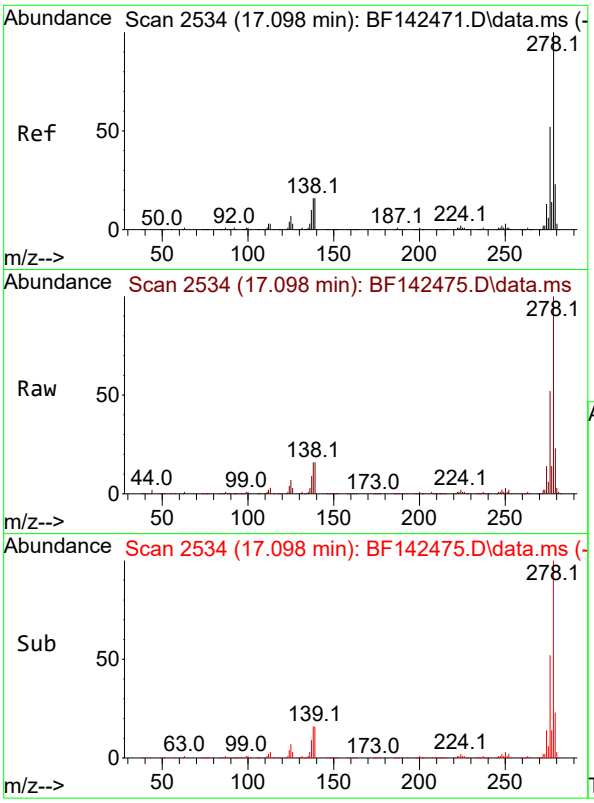


#90
Benzo(a)pyrene
Concen: 38.578 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:252 Resp: 421730

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.8	7.9	11.9



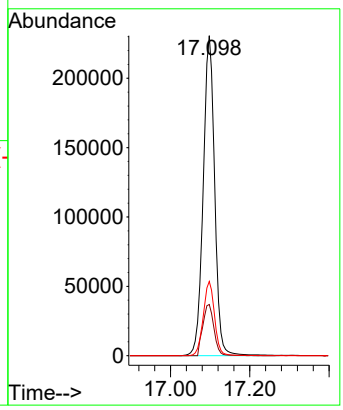


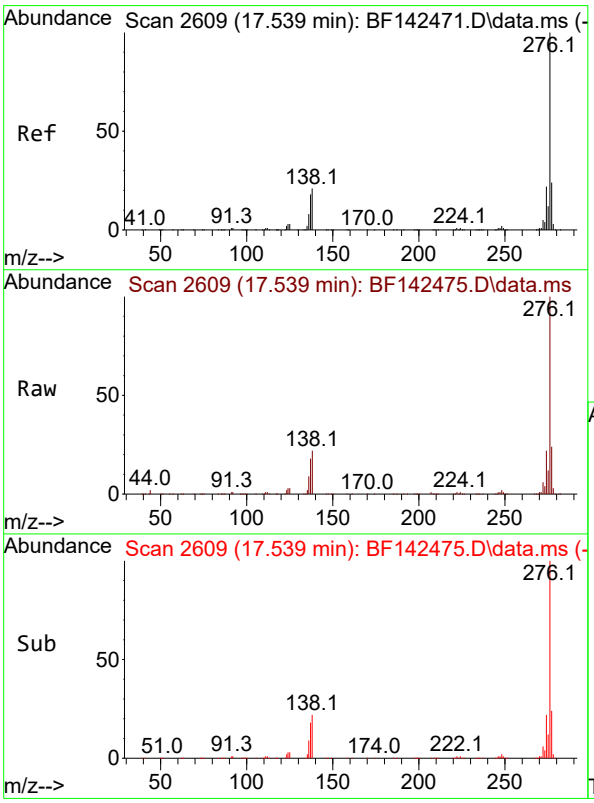
#91
Dibenzo(a,h)anthracene
Concen: 38.868 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Tgt Ion:278 Resp: 463752

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.8	19.2
279	23.2	18.6	28.0

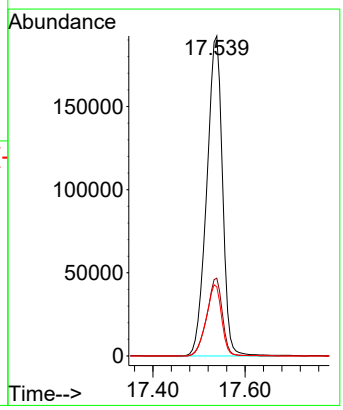




#92
Benzo(g,h,i)perylene
Concen: 38.345 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.018 min
Lab File: BF142475.D
Acq: 20 May 2025 16:31

Tgt Ion:276 Resp: 457604

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	21.6	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
2		1,4-Dioxane	0.475	0.453	4.6	101	0.00
3		Pyridine	1.210	1.168	3.5	102	0.00
4		n-Nitrosodimethylamine	0.628	0.612	2.5	101	-0.02
5	S	2-Fluorophenol	1.187	1.115	6.1	101	0.00
6		Aniline	1.921	1.845	4.0	102	0.00
7	S	Phenol-d6	1.429	1.358	5.0	101	-0.01
8		2-Chlorophenol	1.293	1.225	5.3	100	0.00
9		Benzaldehyde	0.859	0.832	3.1	104	0.00
10	C	Phenol	1.608	1.542	4.1	103	-0.01
11		bis(2-Chloroethyl)ether	1.157	1.108	4.2	102	0.00
12		1,3-Dichlorobenzene	1.443	1.356	6.0	99	0.00
13	C	1,4-Dichlorobenzene	1.453	1.384	4.7	100	0.00
14		1,2-Dichlorobenzene	1.391	1.311	5.8	101	0.00
15		Benzyl Alcohol	1.056	1.021	3.3	102	0.00
16		2,2'-oxybis(1-Chloropropane	1.944	1.843	5.2	101	0.00
17		2-Methylphenol	1.010	0.972	3.8	101	0.00
18		Hexachloroethane	0.507	0.484	4.5	101	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.838	5.4	101	-0.02
20		3+4-Methylphenols	1.293	1.229	4.9	101	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	102	0.00
22		Acetophenone	0.443	0.422	4.7	100	0.00
23	S	Nitrobenzene-d5	0.367	0.354	3.5	102	-0.01
24		Nitrobenzene	0.331	0.320	3.3	101	0.00
25		Isophorone	0.613	0.581	5.2	100	-0.01
26	C	2-Nitrophenol	0.177	0.177	0.0	103	0.00
27		2,4-Dimethylphenol	0.312	0.304	2.6	102	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.368	3.9	103	0.00
29	C	2,4-Dichlorophenol	0.283	0.271	4.2	100	0.00
30		1,2,4-Trichlorobenzene	0.308	0.294	4.5	102	0.00
31		Naphthalene	0.985	0.938	4.8	102	0.00
32		Benzoic acid	0.190	0.192	-1.1	104	-0.04
33		4-Chloroaniline	0.399	0.389	2.5	102	0.00
34	C	Hexachlorobutadiene	0.192	0.185	3.6	101	0.00
35		Caprolactam	0.080	0.078	2.5	101	-0.02
36	C	4-Chloro-3-methylphenol	0.291	0.281	3.4	102	-0.01
37		2-Methylnaphthalene	0.620	0.590	4.8	102	0.00
38		1-Methylnaphthalene	0.641	0.612	4.5	102	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.538	6.3	101	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.387	0.0	102	0.00
42	S	2,4,6-Tribromophenol	0.222	0.210	5.4	103	0.00
43	C	2,4,6-Trichlorophenol	0.387	0.367	5.2	102	0.00
44		2,4,5-Trichlorophenol	0.408	0.385	5.6	101	0.00
45	S	2-Fluorobiphenyl	1.490	1.352	9.3	101	0.00
46		1,1'-Biphenyl	1.552	1.454	6.3	102	0.00
47		2-Chloronaphthalene	1.146	1.082	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.331	0.322	2.7	103	0.00
49		Acenaphthylene	1.936	1.821	5.9	102	0.00
50		Dimethylphthalate	1.320	1.227	7.0	101	0.00
51		2,6-Dinitrotoluene	0.285	0.272	4.6	100	0.00
52	C	Acenaphthene	1.182	1.119	5.3	103	0.00
53		3-Nitroaniline	0.311	0.297	4.5	103	0.00
54	P	2,4-Dinitrophenol	0.147	0.153	-4.1	106	-0.01
55		Dibenzofuran	1.701	1.581	7.1	102	0.00
56	P	4-Nitrophenol	0.230	0.226	1.7	103	0.00
57		2,4-Dinitrotoluene	0.372	0.358	3.8	102	0.00
58		Fluorene	1.314	1.204	8.4	101	0.00
59		2,3,4,6-Tetrachlorophenol	0.341	0.324	5.0	101	0.00
60		Diethylphthalate	1.289	1.219	5.4	102	0.00
61		4-Chlorophenyl-phenylether	0.646	0.597	7.6	101	0.00
62		4-Nitroaniline	0.282	0.269	4.6	100	-0.01
63		Azobenzene	1.158	1.093	5.6	102	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.118	-5.4	104	0.00
66	c	n-Nitrosodiphenylamine	0.684	0.652	4.7	102	0.00
67		4-Bromophenyl-phenylether	0.236	0.226	4.2	103	0.00
68		Hexachlorobenzene	0.262	0.252	3.8	102	0.00
69		Atrazine	0.182	0.180	1.1	103	0.00
70	C	Pentachlorophenol	0.148	0.151	-2.0	104	0.00
71		Phenanthrene	1.069	1.001	6.4	101	0.00
72		Anthracene	1.091	1.037	4.9	102	0.00
73		Carbazole	0.933	0.893	4.3	102	0.00
74		Di-n-butylphthalate	1.021	0.985	3.5	103	0.00
75	C	Fluoranthene	0.999	0.936	6.3	101	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77		Benzidine	0.744	0.791	-6.3	101	0.00
78		Pyrene	1.866	1.871	-0.3	102	0.00
79	S	Terphenyl-d14	1.464	1.422	2.9	101	0.00
80		Butylbenzylphthalate	0.516	0.519	-0.6	100	0.00
81		Benzo(a)anthracene	1.336	1.268	5.1	101	0.00
82		3,3'-Dichlorobenzidine	0.405	0.394	2.7	98	0.00
83		Chrysene	1.200	1.133	5.6	100	0.00
84		Bis(2-ethylhexyl)phthalate	0.660	0.670	-1.5	101	0.00
85	c	Di-n-octyl phthalate	1.290	1.292	-0.2	104	0.00
86	I	Perylene-d12	1.000	1.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	1.501	1.467	2.3	105	-0.01
88		Benzo(b)fluoranthene	1.184	1.107	6.5	102	0.00
89		Benzo(k)fluoranthene	1.109	1.033	6.9	103	0.00
90	C	Benzo(a)pyrene	1.116	1.076	3.6	103	0.00
91		Dibenzo(a,h)anthracene	1.218	1.183	2.9	103	-0.02
92		Benzo(g,h,i)perylene	1.218	1.168	4.1	102	-0.02

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	0.00
2		1,4-Dioxane	40.000	38.184	4.5	101	0.00
3		Pyridine	40.000	38.607	3.5	102	0.00
4		n-Nitrosodimethylamine	40.000	38.995	2.5	101	-0.02
5	S	2-Fluorophenol	80.000	75.157	6.1	101	0.00
6		Aniline	40.000	38.415	4.0	102	0.00
7	S	Phenol-d6	80.000	76.025	5.0	101	-0.01
8		2-Chlorophenol	40.000	37.902	5.2	100	0.00
9		Benzaldehyde	40.000	38.726	3.2	104	0.00
10	C	Phenol	40.000	38.362	4.1	103	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.280	4.3	102	0.00
12		1,3-Dichlorobenzene	40.000	37.579	6.1	99	0.00
13	C	1,4-Dichlorobenzene	40.000	38.078	4.8	100	0.00
14		1,2-Dichlorobenzene	40.000	37.716	5.7	101	0.00
15		Benzyl Alcohol	40.000	38.663	3.3	102	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.927	5.2	101	0.00
17		2-Methylphenol	40.000	38.500	3.8	101	0.00
18		Hexachloroethane	40.000	38.137	4.7	101	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.833	5.4	101	-0.02
20		3+4-Methylphenols	40.000	38.020	4.9	101	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	102	0.00
22		Acetophenone	40.000	38.118	4.7	100	0.00
23	S	Nitrobenzene-d5	80.000	77.283	3.4	102	-0.01
24		Nitrobenzene	40.000	38.737	3.2	101	0.00
25		Isophorone	40.000	37.906	5.2	100	-0.01
26	C	2-Nitrophenol	40.000	39.958	0.1	103	0.00
27		2,4-Dimethylphenol	40.000	38.953	2.6	102	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.407	4.0	103	0.00
29	C	2,4-Dichlorophenol	40.000	38.285	4.3	100	0.00
30		1,2,4-Trichlorobenzene	40.000	38.187	4.5	102	0.00
31		Naphthalene	40.000	38.112	4.7	102	0.00
32		Benzoic acid	40.000	40.490	-1.2	104	-0.04
33		4-Chloroaniline	40.000	38.962	2.6	102	0.00
34	C	Hexachlorobutadiene	40.000	38.512	3.7	101	0.00
35		Caprolactam	40.000	39.162	2.1	101	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.654	3.4	102	-0.01
37		2-Methylnaphthalene	40.000	38.062	4.8	102	0.00
38		1-Methylnaphthalene	40.000	38.229	4.4	102	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.508	6.2	101	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.991	0.0	102	0.00
42	S	2,4,6-Tribromophenol	80.000	75.790	5.3	103	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.954	5.1	102	0.00
44		2,4,5-Trichlorophenol	40.000	37.766	5.6	101	0.00
45	S	2-Fluorobiphenyl	80.000	72.557	9.3	101	0.00
46		1,1'-Biphenyl	40.000	37.487	6.3	102	0.00
47		2-Chloronaphthalene	40.000	37.763	5.6	102	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
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Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.867	2.8	103	0.00
49		Acenaphthylene	40.000	37.630	5.9	102	0.00
50		Dimethylphthalate	40.000	37.184	7.0	101	0.00
51		2,6-Dinitrotoluene	40.000	38.191	4.5	100	0.00
52	C	Acenaphthene	40.000	37.877	5.3	103	0.00
53		3-Nitroaniline	40.000	38.246	4.4	103	0.00
54	P	2,4-Dinitrophenol	40.000	41.481	-3.7	106	-0.01
55		Dibenzofuran	40.000	37.170	7.1	102	0.00
56	P	4-Nitrophenol	40.000	39.320	1.7	103	0.00
57		2,4-Dinitrotoluene	40.000	38.463	3.8	102	0.00
58		Fluorene	40.000	36.662	8.3	101	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.000	5.0	101	0.00
60		Diethylphthalate	40.000	37.844	5.4	102	0.00
61		4-Chlorophenyl-phenylether	40.000	36.985	7.5	101	0.00
62		4-Nitroaniline	40.000	38.132	4.7	100	-0.01
63		Azobenzene	40.000	37.780	5.5	102	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.334	-5.8	104	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.132	4.7	102	0.00
67		4-Bromophenyl-phenylether	40.000	38.189	4.5	103	0.00
68		Hexachlorobenzene	40.000	38.554	3.6	102	0.00
69		Atrazine	40.000	39.541	1.1	103	0.00
70	C	Pentachlorophenol	40.000	40.866	-2.2	104	0.00
71		Phenanthrene	40.000	37.478	6.3	101	0.00
72		Anthracene	40.000	38.032	4.9	102	0.00
73		Carbazole	40.000	38.300	4.3	102	0.00
74		Di-n-butylphthalate	40.000	38.596	3.5	103	0.00
75	C	Fluoranthene	40.000	37.479	6.3	101	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77		Benzidine	40.000	42.525	-6.3	101	0.00
78		Pyrene	40.000	40.108	-0.3	102	0.00
79	S	Terphenyl-d14	80.000	77.714	2.9	101	0.00
80		Butylbenzylphthalate	40.000	40.275	-0.7	100	0.00
81		Benzo(a)anthracene	40.000	37.981	5.0	101	0.00
82		3,3'-Dichlorobenzidine	40.000	38.874	2.8	98	0.00
83		Chrysene	40.000	37.768	5.6	100	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.596	-1.5	101	0.00
85	c	Di-n-octyl phthalate	40.000	40.048	-0.1	104	0.00
86	I	Perylene-d12	20.000	20.000	0.0	104	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	39.070	2.3	105	-0.01
88		Benzo(b)fluoranthene	40.000	37.396	6.5	102	0.00
89		Benzo(k)fluoranthene	40.000	37.255	6.9	103	0.00
90	C	Benzo(a)pyrene	40.000	38.578	3.6	103	0.00
91		Dibenzo(a,h)anthracene	40.000	38.868	2.8	103	-0.02
92		Benzo(g,h,i)perylene	40.000	38.345	4.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142475.D
Acq On : 20 May 2025 16:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF052025

Quant Time: May 20 17:07:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024614.D 5 =BP024615.D 10 =BP024616.D 20 =BP024617.D 40 =BP024618.D 50 =BP024619.D 60 =BP024620.D 80 =BP0246
21.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.641	0.557	0.535	0.505	0.562	0.530	0.513	0.549	8.31
3)		Pyridine		1.054	1.135	1.202	1.198	1.363	1.307	1.263	1.218	8.57
4)		n-Nitrosodimet...		0.536	0.507	0.527	0.517	0.580	0.557	0.537	0.538	4.61
5)	S	2-Fluorophenol		1.134	1.096	1.162	1.105	1.272	1.223	1.193	1.169	5.50
6)		Aniline		1.717	1.703	1.932	1.917	2.130	2.091	1.999	1.927	8.67
7)	S	Phenol-d6		1.301	1.344	1.486	1.472	1.671	1.620	1.552	1.492	9.09
8)		2-Chlorophenol		1.200	1.204	1.311	1.303	1.465	1.433	1.376	1.327	7.83
9)		Benzaldehyde		0.991	1.008	1.046	0.955	1.043	0.954	0.766	0.966	9.91
10)	C	Phenol		1.373	1.401	1.526	1.509	1.707	1.670	1.597	1.540	8.24
11)		bis(2-Chloroet...		1.317	1.170	1.257	1.213	1.357	1.299	1.247	1.266	5.04
12)		1,3-Dichlorobe...		1.596	1.487	1.520	1.440	1.622	1.546	1.480	1.527	4.29
13)	C	1,4-Dichlorobe...		1.558	1.505	1.525	1.470	1.637	1.567	1.491	1.536	3.67
14)		1,2-Dichlorobe...		1.530	1.467	1.498	1.426	1.579	1.529	1.449	1.497	3.56
15)		Benzyl Alcohol		0.883	0.950	1.128	1.149	1.306	1.288	1.236	1.134	14.43
16)		2,2'-oxybis(1-...		1.543	1.445	1.520	1.467	1.617	1.564	1.454	1.516	4.22
17)		2-Methylphenol		0.966	0.949	1.105	1.099	1.246	1.213	1.154	1.105	10.30
18)		Hexachloroethane		0.606	0.591	0.582	0.551	0.623	0.597	0.570	0.589	4.04
19)	P	n-Nitroso-di-n...	0.880	0.977	0.967	1.086	1.048	1.142	1.132	1.026	1.032	8.63
20)		3+4-Methylphenols		1.221	1.302	1.503	1.515	1.702	1.692	1.584	1.503	12.21
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.486	0.481	0.511	0.483	0.534	0.512	0.491	0.500	3.97
23)	S	Nitrobenzene-d5		0.381	0.376	0.401	0.382	0.429	0.408	0.394	0.396	4.67
24)		Nitrobenzene		0.333	0.340	0.355	0.337	0.373	0.356	0.344	0.348	4.03
25)		Isophorone		0.644	0.640	0.695	0.673	0.753	0.721	0.682	0.687	5.91
26)	C	2-Nitrophenol		0.135	0.143	0.168	0.172	0.196	0.192	0.189	0.171	14.05
27)		2,4-Dimethylph...		0.273	0.279	0.300	0.298	0.329	0.318	0.309	0.301	6.60
28)		bis(2-Chloroet...		0.403	0.391	0.411	0.399	0.443	0.419	0.405	0.410	4.15
29)	C	2,4-Dichloroph...		0.250	0.258	0.290	0.291	0.327	0.316	0.309	0.292	9.96
30)		1,2,4-Trichlor...		0.346	0.322	0.327	0.306	0.347	0.329	0.323	0.329	4.33
31)		Naphthalene		1.064	1.026	1.049	0.980	1.091	1.037	1.007	1.036	3.54
32)		Benzoic acid			0.089	0.146	0.191	0.215	0.220	0.225	0.181	29.55
33)		4-Chloroaniline		0.348	0.371	0.420	0.418	0.465	0.462	0.442	0.418	10.62
34)	C	Hexachlorobuta...		0.231	0.214	0.211	0.198	0.222	0.209	0.206	0.213	5.08
35)		Caprolactam		0.082	0.092	0.104	0.109	0.121	0.121	0.110	0.106	13.80
36)	C	4-Chloro-3-met...		0.316	0.325	0.358	0.356	0.391	0.384	0.359	0.356	7.78
37)		2-Methylnaphth...		0.673	0.654	0.670	0.640	0.713	0.693	0.654	0.671	3.73
38)		1-Methylnaphth...		0.741	0.700	0.720	0.690	0.751	0.733	0.690	0.718	3.47

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.593	0.558	0.574	0.549	0.625	0.580	0.586	0.581	4.26
41)	P	Hexachlorocycl...	0.250	0.276	0.350	0.356	0.420	0.391	0.421	0.352	19.02
42)	S	2,4,6-Tribromo...	0.324	0.321	0.335	0.323	0.369	0.357	0.346	0.339	5.49
43)	C	2,4,6-Trichlor...	0.305	0.341	0.375	0.371	0.428	0.410	0.402	0.376	11.29
44)		2,4,5-Trichlor...	0.376	0.375	0.418	0.404	0.471	0.447	0.440	0.419	8.68
45)	S	2-Fluorobiphenyl	1.601	1.498	1.553	1.432	1.602	1.515	1.485	1.527	4.10
46)		1,1'-Biphenyl	1.524	1.434	1.492	1.383	1.586	1.473	1.456	1.478	4.40
47)		2-Chloronaphth...	1.147	1.106	1.131	1.065	1.196	1.132	1.113	1.127	3.56
48)		2-Nitroaniline	0.279	0.304	0.331	0.335	0.381	0.364	0.343	0.334	10.28
49)		Acenaphthylene	1.845	1.818	1.920	1.804	2.029	1.930	1.856	1.886	4.19
50)		Dimethylphthalate	1.570	1.527	1.518	1.450	1.611	1.535	1.460	1.524	3.73
51)		2,6-Dinitrotol...	0.299	0.308	0.326	0.312	0.354	0.337	0.319	0.322	5.75
52)	C	Acenaphthene	1.105	1.054	1.094	1.028	1.159	1.099	1.052	1.084	4.02
53)		3-Nitroaniline	0.258	0.275	0.329	0.340	0.379	0.370	0.350	0.329	14.04
54)	P	2,4-Dinitrophenol		0.098	0.143	0.172	0.201	0.201	0.201	0.169	24.79
55)		Dibenzofuran	1.810	1.716	1.740	1.633	1.816	1.733	1.658	1.730	4.00
56)	P	4-Nitrophenol		0.159	0.222	0.257	0.299	0.288	0.274	0.250	20.82
57)		2,4-Dinitrotol...	0.400	0.422	0.456	0.454	0.508	0.483	0.454	0.454	7.87
58)		Fluorene	1.466	1.415	1.410	1.336	1.494	1.410	1.341	1.410	4.14
59)		2,3,4,6-Tetrac...	0.367	0.364	0.381	0.379	0.428	0.406	0.394	0.388	5.89
60)		Diethylphthalate	1.593	1.542	1.537	1.444	1.639	1.563	1.468	1.541	4.40
61)		4-Chlorophenyl...	0.752	0.697	0.700	0.656	0.741	0.709	0.668	0.703	5.01
62)		4-Nitroaniline	0.228	0.259	0.326	0.330	0.375	0.363	0.341	0.317	17.06
63)		Azobenzene	1.327	1.299	1.356	1.250	1.407	1.343	1.243	1.318	4.45
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.094	0.120	0.129	0.149	0.143	0.141	0.129	15.64
66)	c	n-Nitrosodiphe...	0.603	0.589	0.627	0.593	0.667	0.621	0.600	0.614	4.41
67)		4-Bromophenyl-...	0.231	0.223	0.237	0.226	0.252	0.242	0.240	0.236	4.31
68)		Hexachlorobenzene	0.303	0.288	0.298	0.282	0.321	0.304	0.300	0.299	4.25
69)		Atrazine	0.210	0.209	0.227	0.218	0.248	0.237	0.226	0.225	6.32
70)	C	Pentachlorophenol	0.124	0.137	0.163	0.172	0.198	0.191	0.192	0.168	17.12
71)		Phenanthrene	1.144	1.085	1.125	1.051	1.170	1.125	1.083	1.112	3.68
72)		Anthracene	1.097	1.064	1.142	1.075	1.205	1.139	1.108	1.119	4.31
73)		Carbazole	0.923	0.944	1.039	1.001	1.114	1.053	1.013	1.012	6.43
74)		Di-n-butylphth...	1.182	1.218	1.332	1.260	1.447	1.363	1.313	1.302	6.97
75)	C	Fluoranthene	1.271	1.254	1.314	1.250	1.399	1.337	1.272	1.300	4.18
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.362	0.543	0.560	0.657	0.599	0.548	0.545	18.22
78)		Pyrene	1.184	1.137	1.197	1.153	1.273	1.222	1.223	1.198	3.85
79)	S	Terphenyl-d14	1.192	1.113	1.165	1.125	1.226	1.175	1.167	1.166	3.30
80)		Butylbenzylpht...	0.458	0.465	0.537	0.527	0.604	0.571	0.569	0.533	10.28
81)		Benzo(a)anthra...	1.251	1.218	1.253	1.208	1.336	1.275	1.250	1.256	3.36
82)		3,3'-Dichlorob...	0.357	0.392	0.474	0.477	0.539	0.511	0.514	0.466	14.45
83)		Chrysene	1.214	1.180	1.185	1.131	1.255	1.188	1.180	1.190	3.16
84)		Bis(2-ethylhex...	0.673	0.683	0.801	0.766	0.884	0.836	0.841	0.783	10.32
85)	c	Di-n-octyl pht...	1.048	1.116	1.272	1.280	1.458	1.376	1.417	1.281	11.95

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP051325.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.341	1.357	1.447	1.424	1.608	1.549	1.494	1.460	6.70
88)		Benzo(b)fluora...	1.028	1.070	1.152	1.103	1.288	1.184	1.189	1.145	7.58
89)		Benzo(k)fluora...	1.147	1.106	1.182	1.140	1.258	1.238	1.185	1.180	4.59
90)	C	Benzo(a)pyrene	0.995	1.001	1.112	1.064	1.221	1.167	1.136	1.099	7.68
91)		Dibenzo(a,h)an...	1.068	1.066	1.186	1.167	1.321	1.271	1.236	1.188	8.18
92)		Benzo(g,h,i)pe...	1.101	1.106	1.167	1.147	1.294	1.242	1.212	1.181	6.07

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

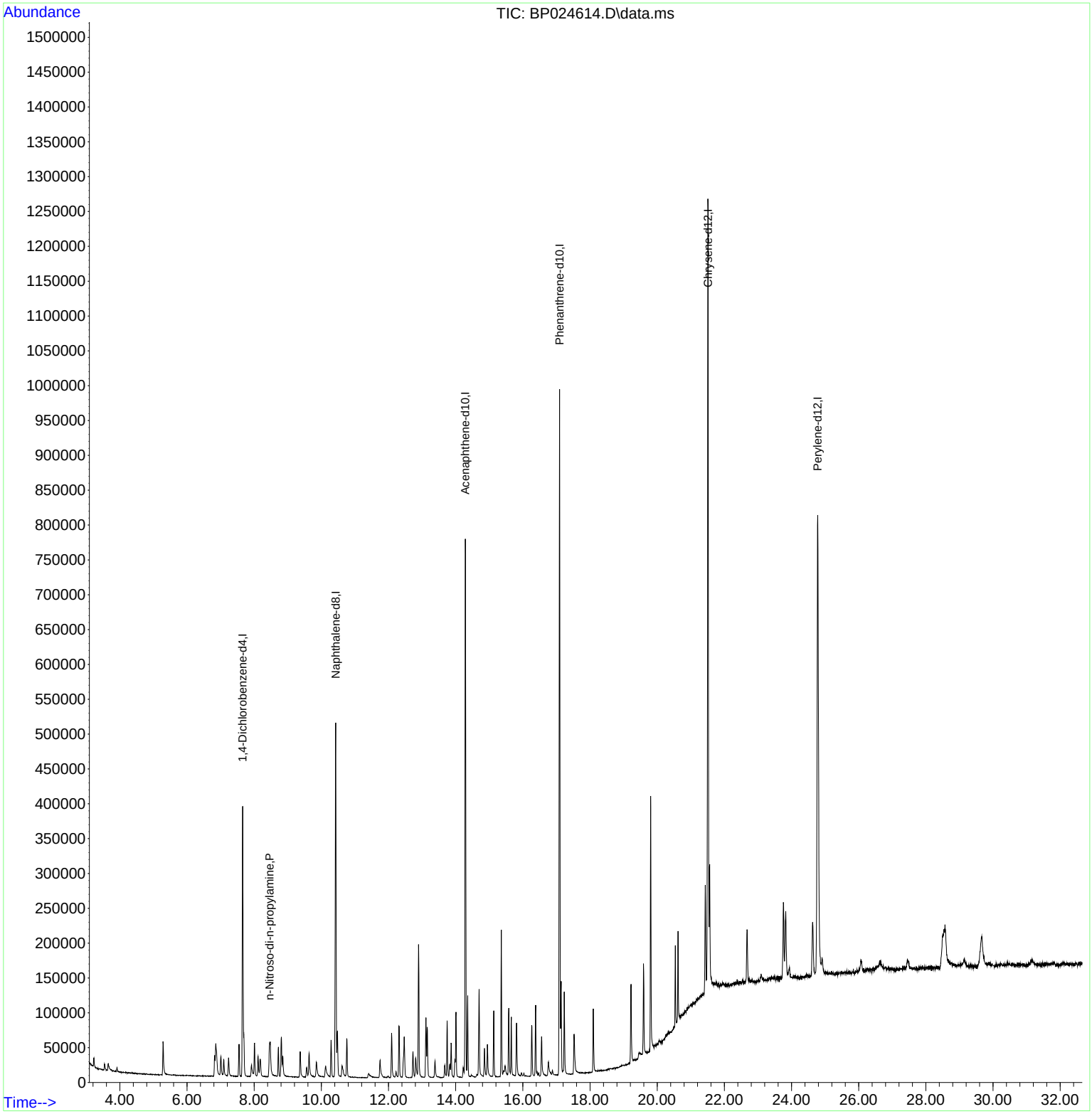
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	105461	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	434352	20.00	ng	0.00
39) Acenaphthene-d10	14.287	164	287970	20.00	ng	-0.02
64) Phenanthrene-d10	17.092	188	596044	20.00	ng	0.00
76) Chrysene-d12	21.516	240	663028	20.00	ng	0.00
86) Perylene-d12	24.780	264	769627	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.00	ng	
7) Phenol-d6	0.000	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.00	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng	
79) Terphenyl-d14	0.000	244	0d	0.00	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.458	70	11601	2.13	ng	96

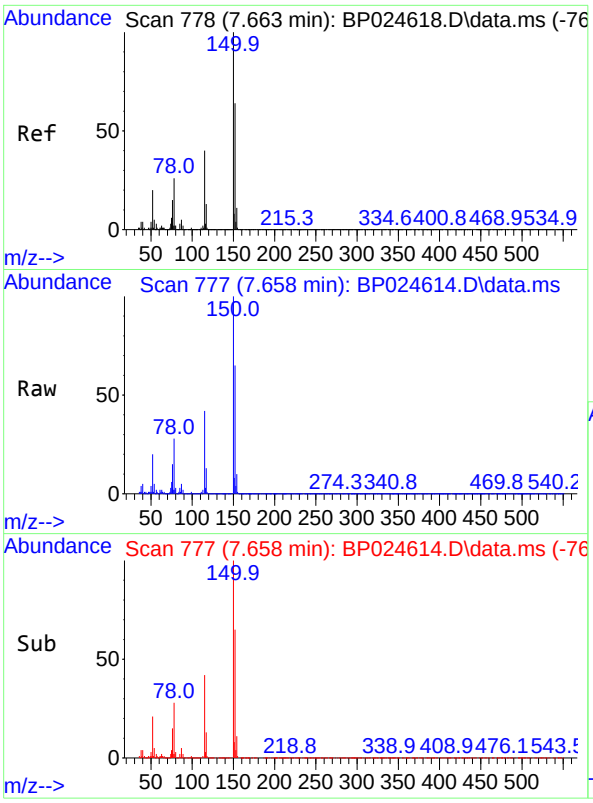
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024614.D
Acq On : 13 May 2025 10:41
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: May 13 16:01:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



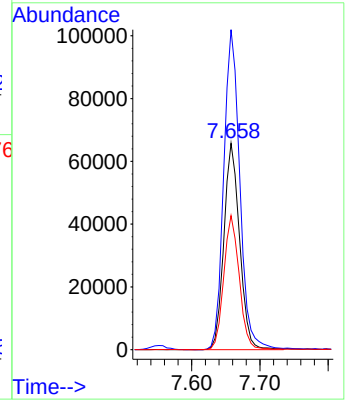


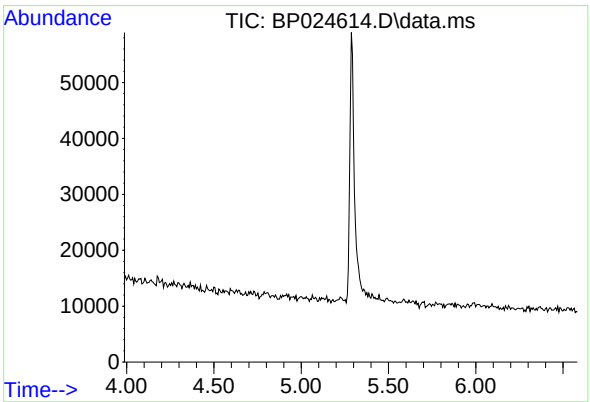
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.658 min Scan# 7
Delta R.T. -0.005 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 105461

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	65.0	50.1	75.1



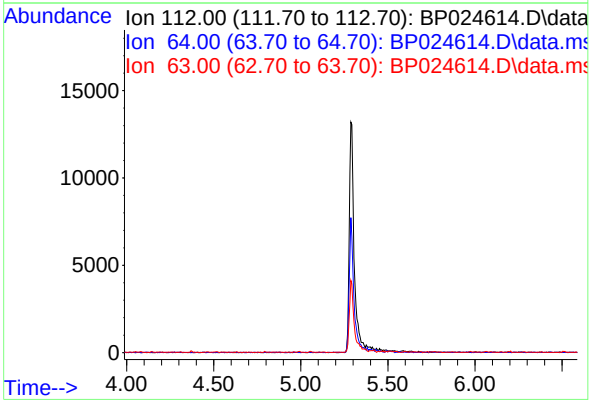


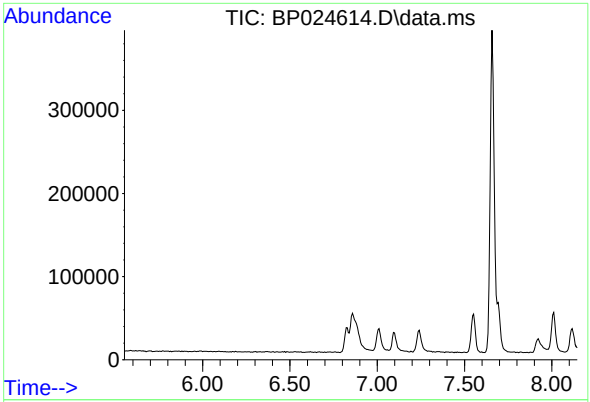
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.29 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	55.1
63	29.4





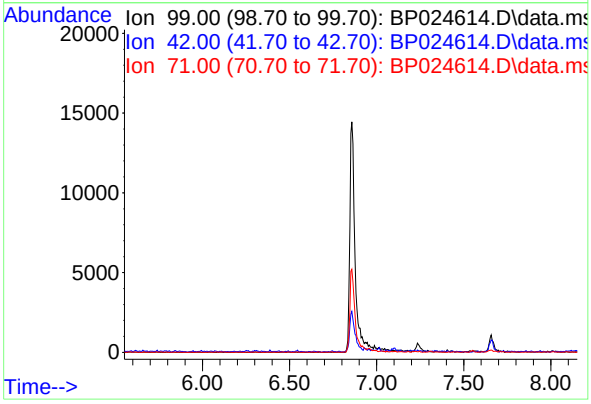
#7
Phenol-d6
Concen: 0.00 ng
Expected RT: 6.85 min

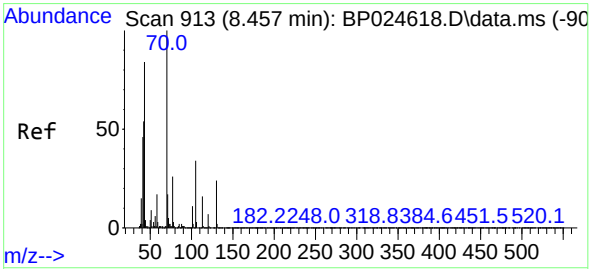
Lab File: BP024614.D
Acq: 13 May 2025 10:41

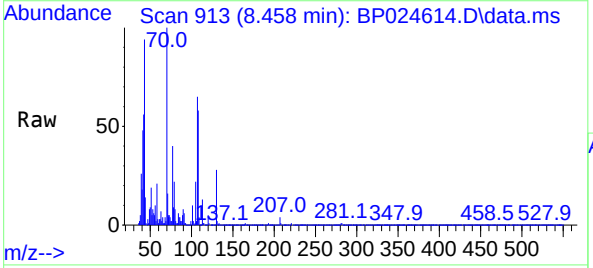
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

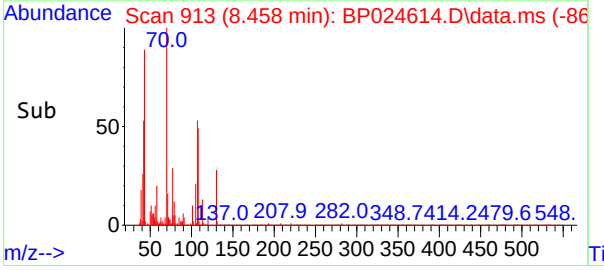
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.0
71	36.5





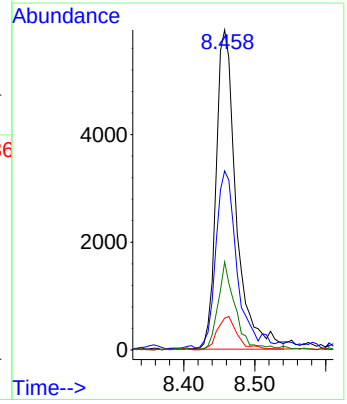


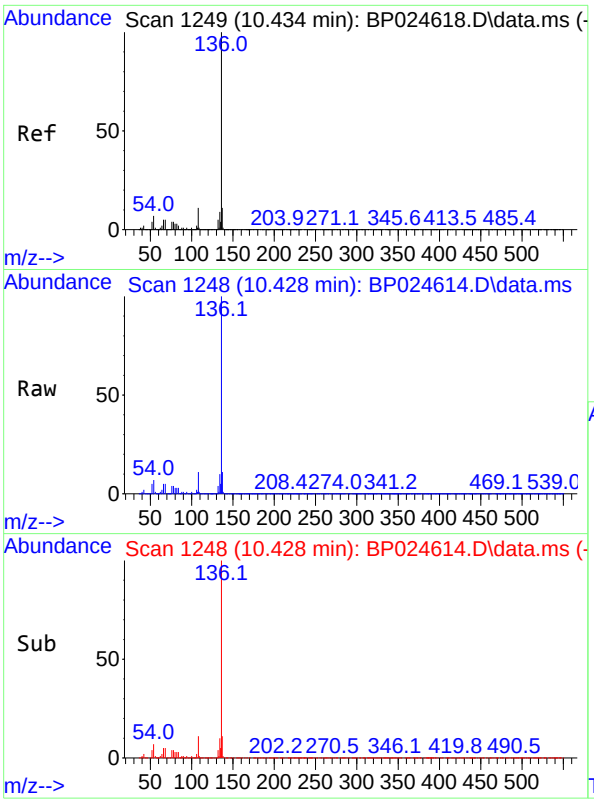


#19
n-Nitroso-di-n-propylamine
Concen: 2.13 ng
RT: 8.458 min Scan# 913
Delta R.T. 0.000 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 70 Resp: 11601

Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.0	64.6
101	10.0	8.7	13.1
130	27.5	19.4	29.0



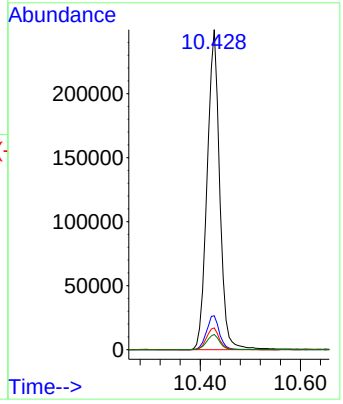


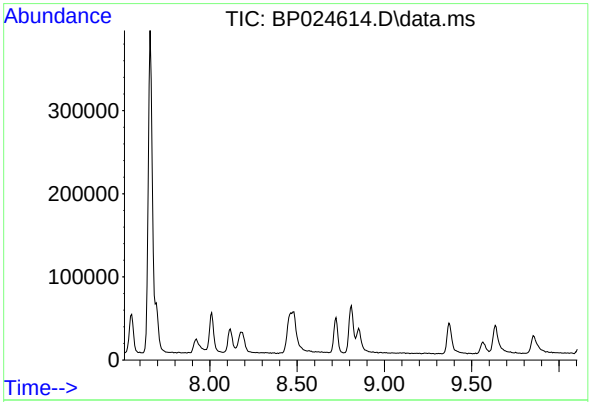
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 434352

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2



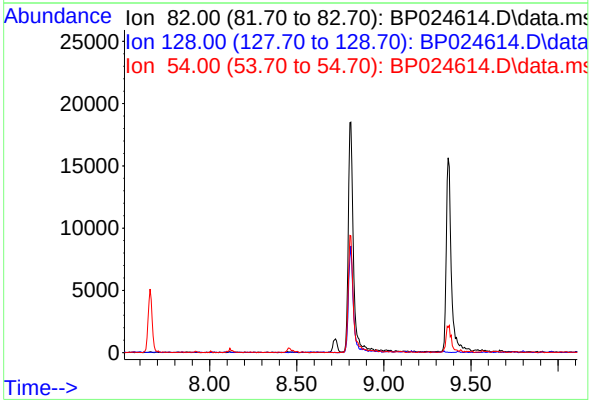


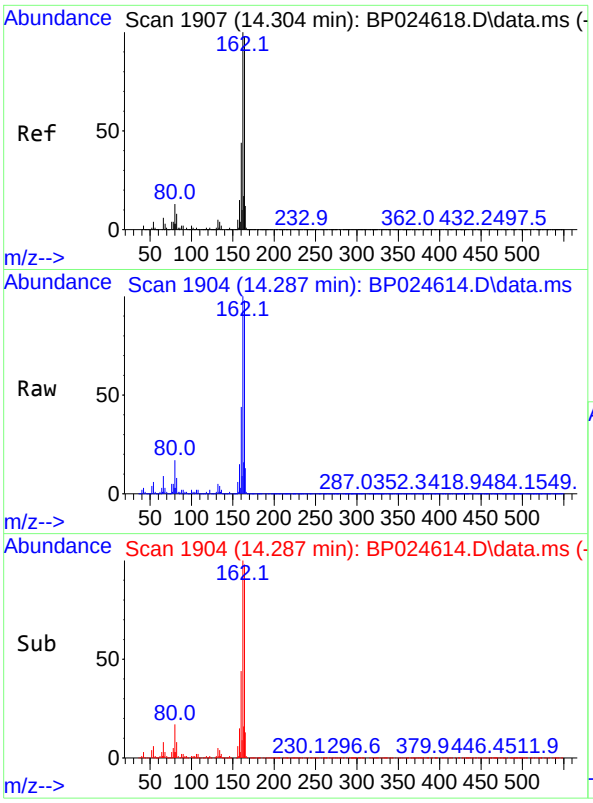
#23
Nitrobenzene-d5
Concen: 0.00 ng
Expected RT: 8.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	46.2
54	48.4



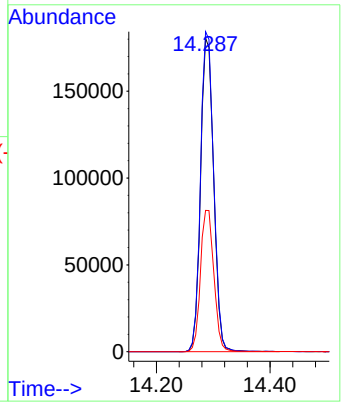


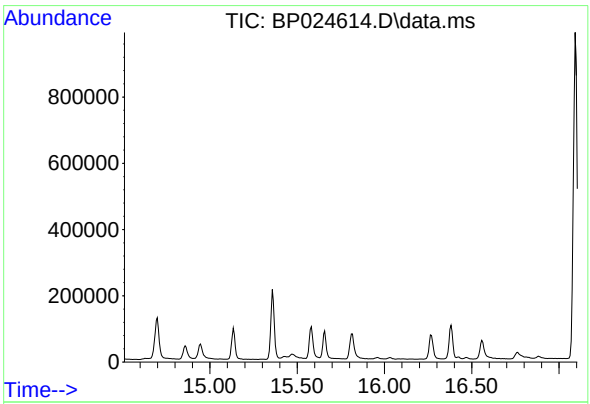
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 287970

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.1	36.3	54.5



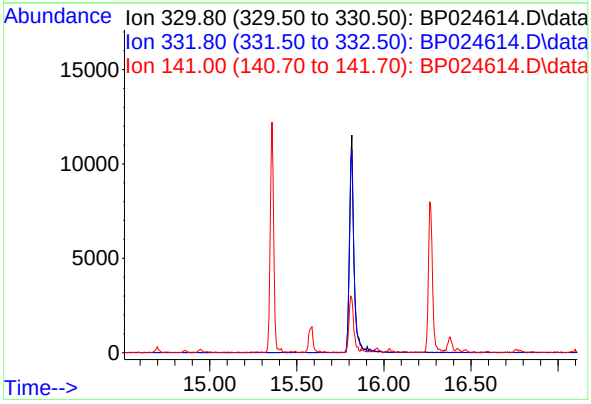


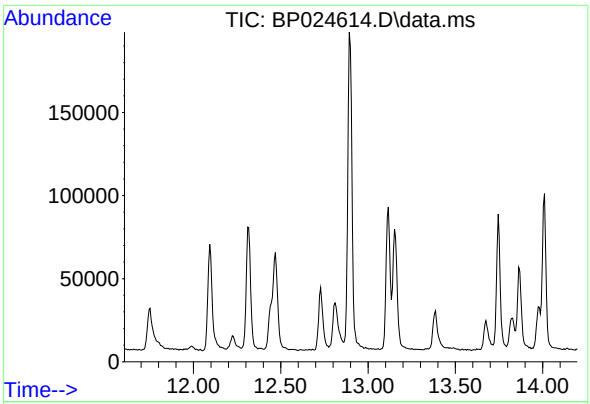
#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 15.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	97.8
141	30.4





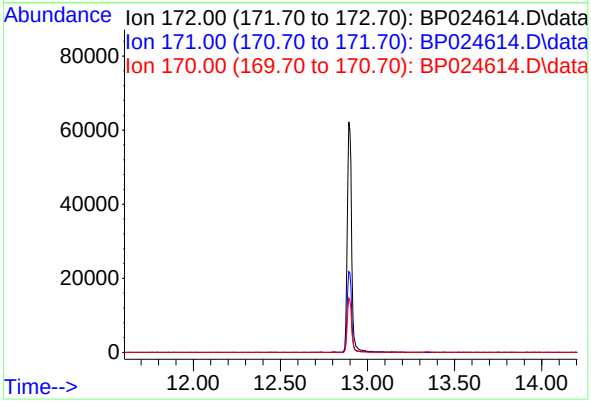
#45
2-Fluorobiphenyl
Concen: 0.00 ng
Expected RT: 12.90 min

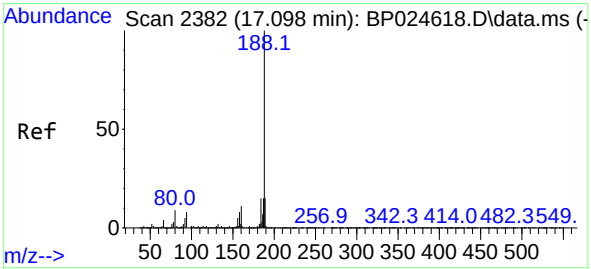
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.0
170	23.5

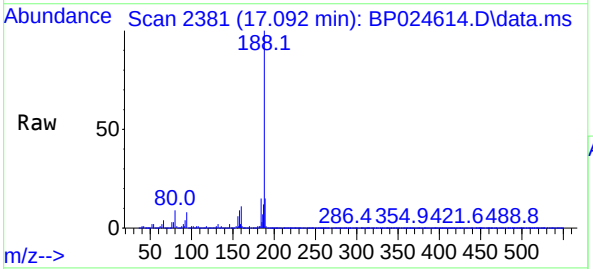


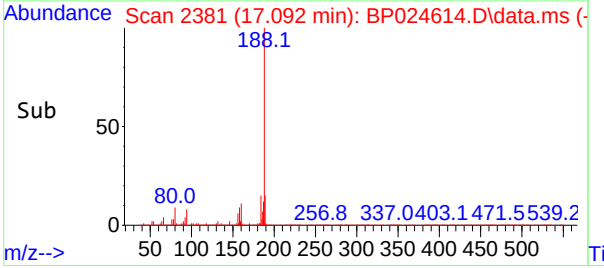


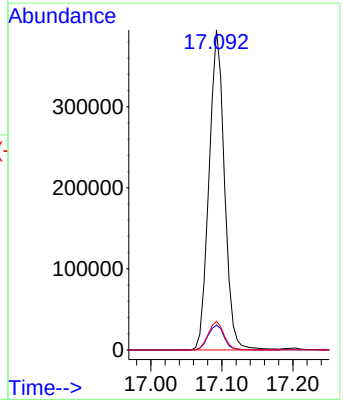
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

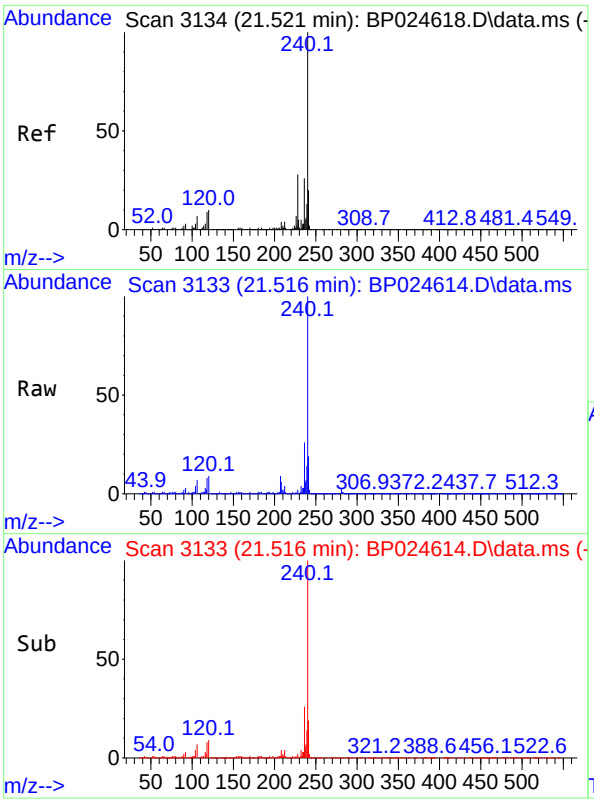
Tgt Ion:188 Resp: 596044

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.9	7.3	10.9







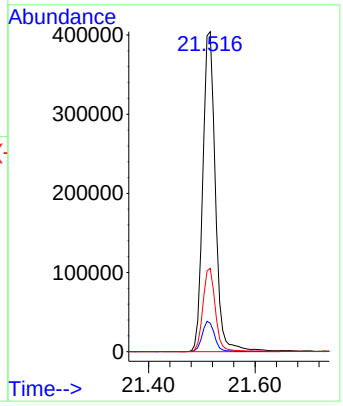


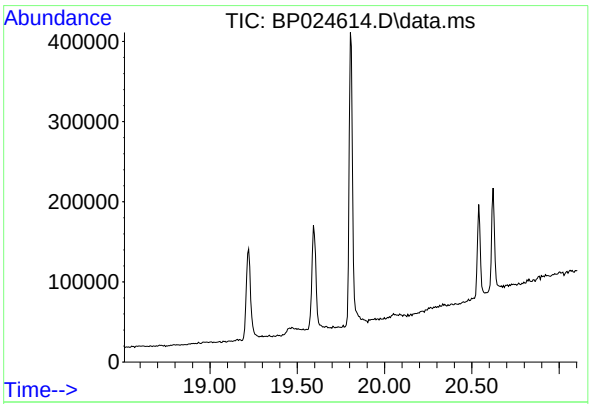
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 663028

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	26.1	20.6	31.0



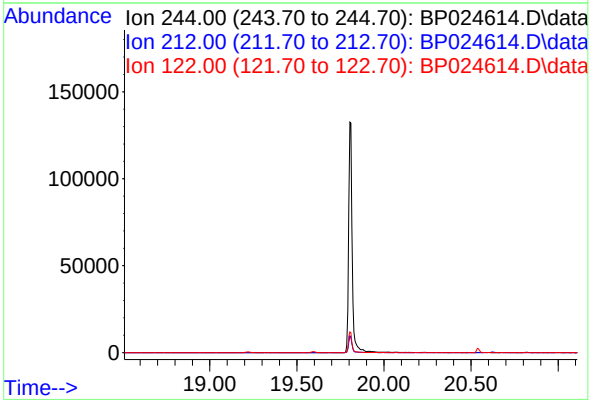


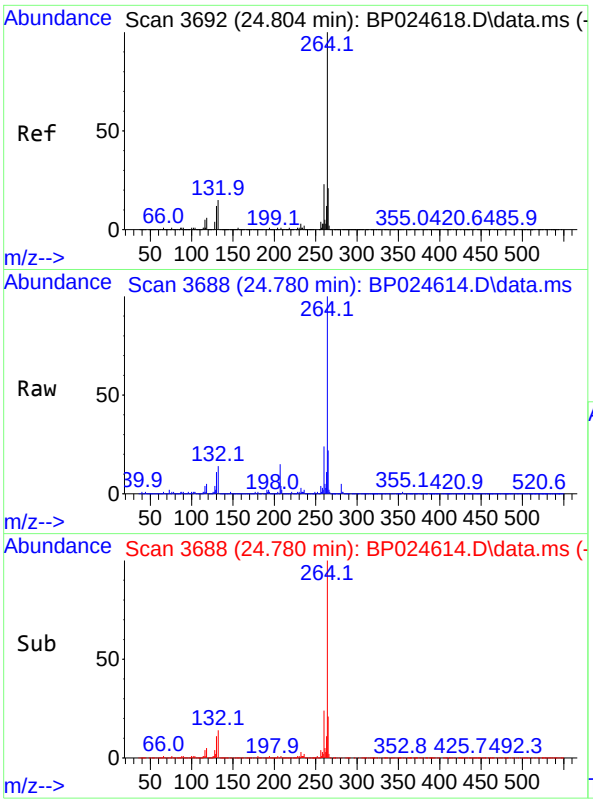
#79
Terphenyl-d14
Concen: 0.00 ng
Expected RT: 19.81 min

Lab File: BP024614.D
Acq: 13 May 2025 10:41

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.9
122	9.2



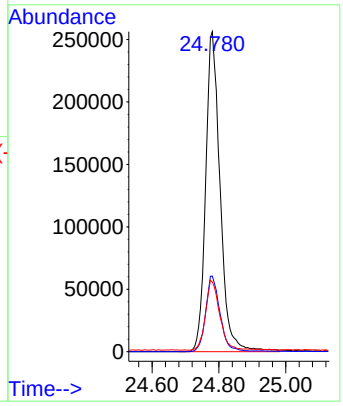


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.780 min Scan# 3
Delta R.T. -0.023 min
Lab File: BP024614.D
Acq: 13 May 2025 10:41

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 769627

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.8	17.0	25.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	90088	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	378055	20.00	ng		0.00
39) Acenaphthene-d10	14.293	164	254561	20.00	ng		-0.01
64) Phenanthrene-d10	17.092	188	531548	20.00	ng		0.00
76) Chrysene-d12	21.522	240	614288	20.00	ng		0.00
86) Perylene-d12	24.810	264	724260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	51093	9.70	ng		0.00
7) Phenol-d6	6.858	99	58619	8.72	ng		0.00
23) Nitrobenzene-d5	8.811	82	72056	9.63	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	41219	9.55	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	203719	10.48	ng		0.00
79) Terphenyl-d14	19.822	244	366245	10.22	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	14435	5.84	ng		95
3) Pyridine	3.646	79	23737	4.33	ng	#	91
4) n-Nitrosodimethylamine	3.546	42	12080	4.99	ng	#	96
6) Aniline	7.011	93	38664	4.45	ng		97
8) 2-Chlorophenol	7.240	128	27022	4.52	ng		93
9) Benzaldehyde	6.828	77	22328m	5.14	ng		
10) Phenol	6.887	94	30912	4.46	ng		98
11) bis(2-Chloroethyl)ether	7.099	93	29668	5.20	ng		97
12) 1,3-Dichlorobenzene	7.552	146	35946	5.23	ng		96
13) 1,4-Dichlorobenzene	7.699	146	35091	5.07	ng		95
14) 1,2-Dichlorobenzene	8.011	146	34458	5.11	ng		99
15) Benzyl Alcohol	7.917	79	19888	3.89	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.193	45	34754	5.09	ng		95
17) 2-Methylphenol	8.116	107	21754	4.37	ng		97
18) Hexachloroethane	8.728	117	13650	5.15	ng		96
19) n-Nitroso-di-n-propyla...	8.464	70	22015	4.73	ng		98
20) 3+4-Methylphenols	8.452	107	27500	4.06	ng		97
22) Acetophenone	8.487	105	45968	4.87	ng	#	99
24) Nitrobenzene	8.852	77	31500	4.78	ng		97
25) Isophorone	9.375	82	60855	4.69	ng		98
26) 2-Nitrophenol	9.569	139	12786	3.96	ng		95
27) 2,4-Dimethylphenol	9.628	122	25830	4.54	ng		92
28) bis(2-Chloroethoxy)met...	9.858	93	38071	4.91	ng		97
29) 2,4-Dichlorophenol	10.122	162	23623	4.29	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	32699	5.26	ng		99
31) Naphthalene	10.481	128	100564	5.13	ng		100
33) 4-Chloroaniline	10.616	127	32908	4.16	ng		99
34) Hexachlorobutadiene	10.763	225	21834	5.43	ng		95
35) Caprolactam	11.399	113	7742m	3.88	ng		
36) 4-Chloro-3-methylphenol	11.746	107	29849	4.44	ng		95
37) 2-Methylnaphthalene	12.099	142	63562	5.01	ng		99
38) 1-Methylnaphthalene	12.316	142	70043	5.16	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	37738	5.11	ng		99
41) Hexachlorocyclopentadiene	12.446	237	15939	3.56	ng		93
43) 2,4,6-Trichlorophenol	12.722	196	19429	4.06	ng		92
44) 2,4,5-Trichlorophenol	12.816	196	23918	4.49	ng		93

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.116	154	96956	5.15	ng		98
47) 2-Chloronaphthalene	13.157	162	72977	5.09	ng		99
48) 2-Nitroaniline	13.381	65	17778	4.19	ng		98
49) Acenaphthylene	14.010	152	117448	4.89	ng		99
50) Dimethylphthalate	13.751	163	99940	5.15	ng		100
51) 2,6-Dinitrotoluene	13.869	165	19052	4.65	ng	#	85
52) Acenaphthene	14.357	154	70302	5.09	ng		96
53) 3-Nitroaniline	14.222	138	16400	3.92	ng		97
55) Dibenzofuran	14.698	168	115180	5.23	ng		98
57) 2,4-Dinitrotoluene	14.675	165	25481	4.41	ng		92
58) Fluorene	15.363	166	93303	5.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.946	232	23382	4.73	ng		98
60) Diethylphthalate	15.134	149	101366	5.17	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	47886	5.35	ng		98
62) 4-Nitroaniline	15.410	138	14482m	3.55	ng		
63) Azobenzene	15.651	77	84462	5.03	ng		99
66) n-Nitrosodiphenylamine	15.575	169	80078	4.90	ng		99
67) 4-Bromophenyl-phenylether	16.275	248	30702	4.90	ng		97
68) Hexachlorobenzene	16.387	284	40234	5.06	ng		99
69) Atrazine	16.551	200	27909	4.66	ng		98
70) Pentachlorophenol	16.757	266	16456	3.68	ng		95
71) Phenanthrene	17.134	178	152030	5.14	ng		99
72) Anthracene	17.234	178	145809	4.90	ng		99
73) Carbazole	17.522	167	122666	4.56	ng		98
74) Di-n-butylphthalate	18.104	149	157014	4.54	ng		99
75) Fluoranthene	19.228	202	168865	4.89	ng		99
78) Pyrene	19.604	202	181817	4.94	ng		99
80) Butylbenzylphthalate	20.551	149	70341	4.30	ng		100
81) Benzo(a)anthracene	21.498	228	192110	4.98	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	54793	3.82	ng		99
83) Chrysene	21.575	228	186449	5.10	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	103286	4.29	ng		97
85) Di-n-octyl phthalate	22.692	149	160883	4.09	ng		99
87) Indeno(1,2,3-cd)pyrene	28.504	276	242814	4.59	ng	#	87
88) Benzo(b)fluoranthene	23.763	252	186058	4.49	ng		97
89) Benzo(k)fluoranthene	23.839	252	207645	4.86	ng		100
90) Benzo(a)pyrene	24.657	252	180157	4.52	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	193373	4.50	ng		98
92) Benzo(g,h,i)perylene	29.651	276	199361	4.66	ng		98

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

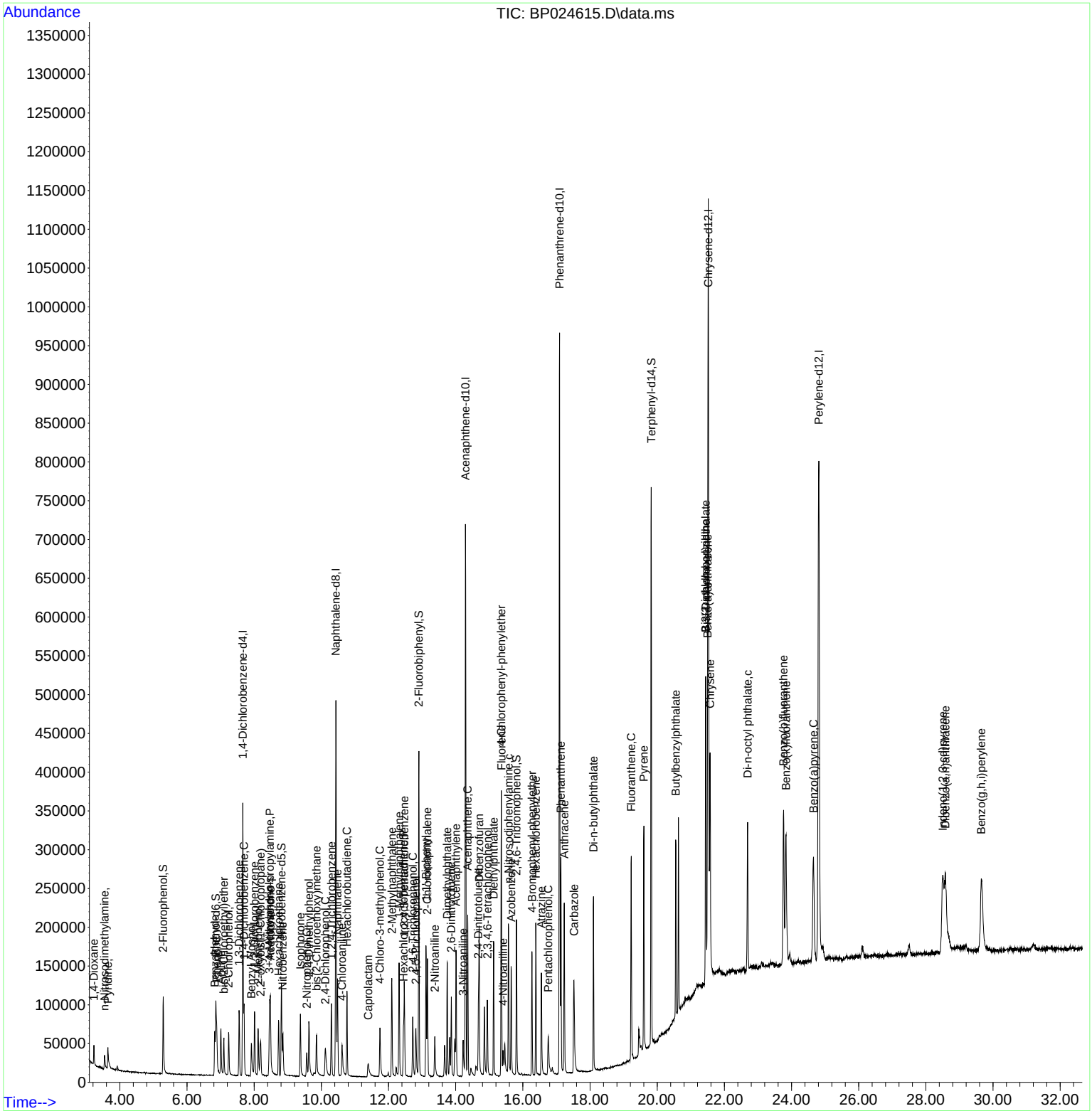
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024615.D
Acq On : 13 May 2025 11:22
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

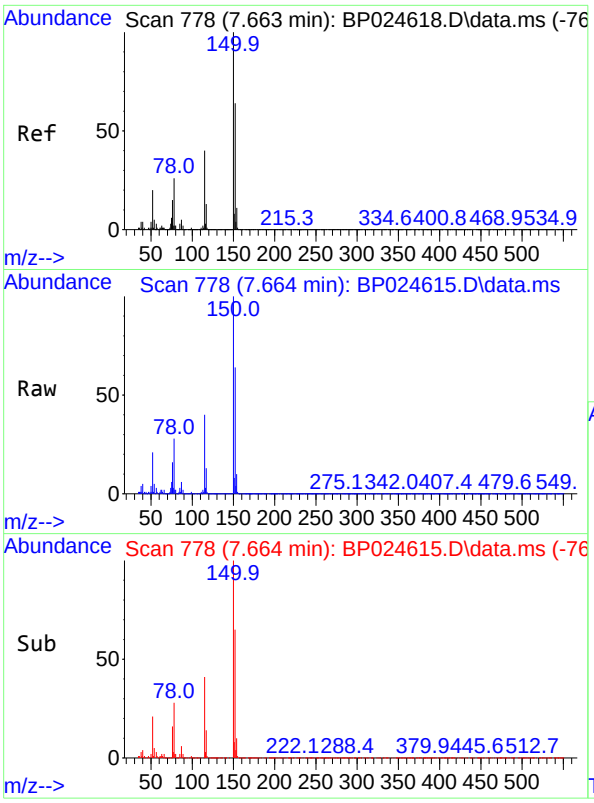
Quant Time: May 13 16:02:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

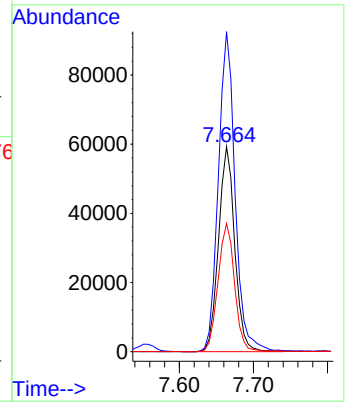




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:152 Resp: 9008

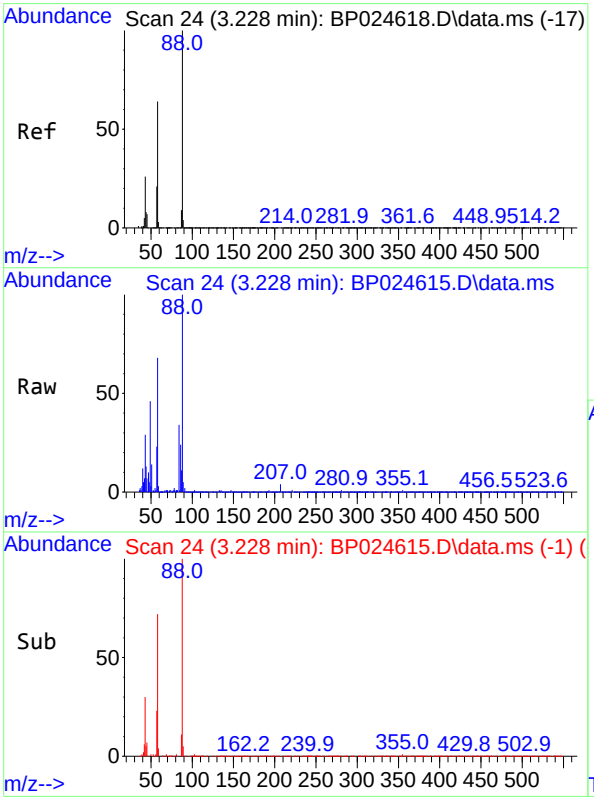
Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	62.5	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

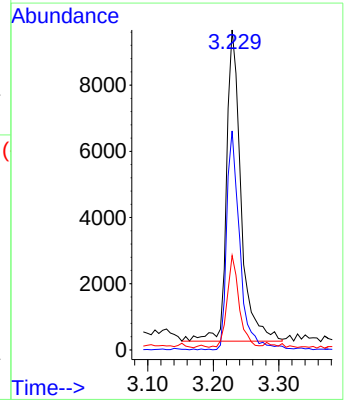
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

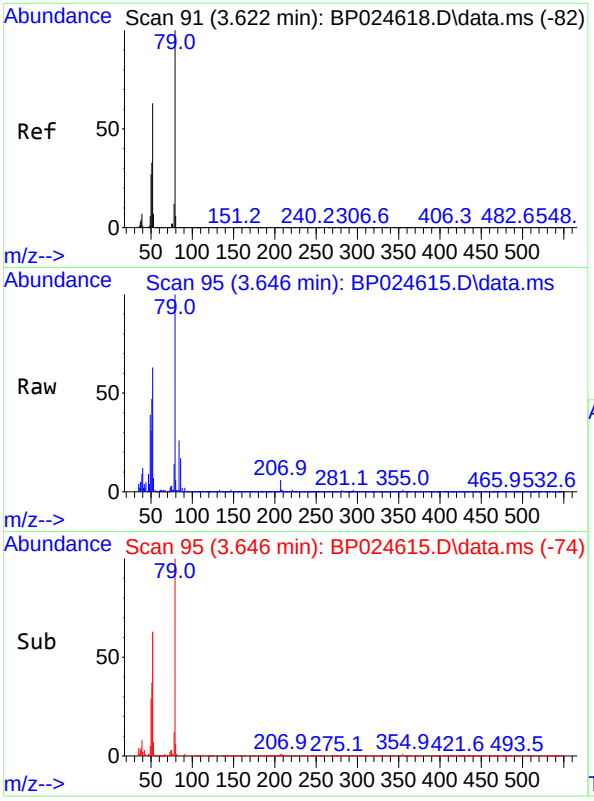


#2
1,4-Dioxane
Concen: 5.84 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 88 Resp: 14435

Ion	Ratio	Lower	Upper
88	100		
58	63.6	54.0	81.0
43	24.2	21.4	32.0

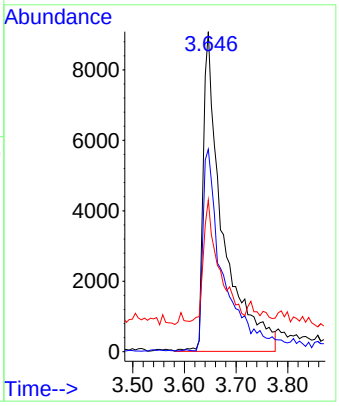




#3
Pyridine
Concen: 4.33 ng
RT: 3.646 min Scan# 9
Delta R.T. 0.024 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 79 Resp: 2373

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	47.4	26.8	40.2#



Instrument :
BNA_P
ClientSampleId :
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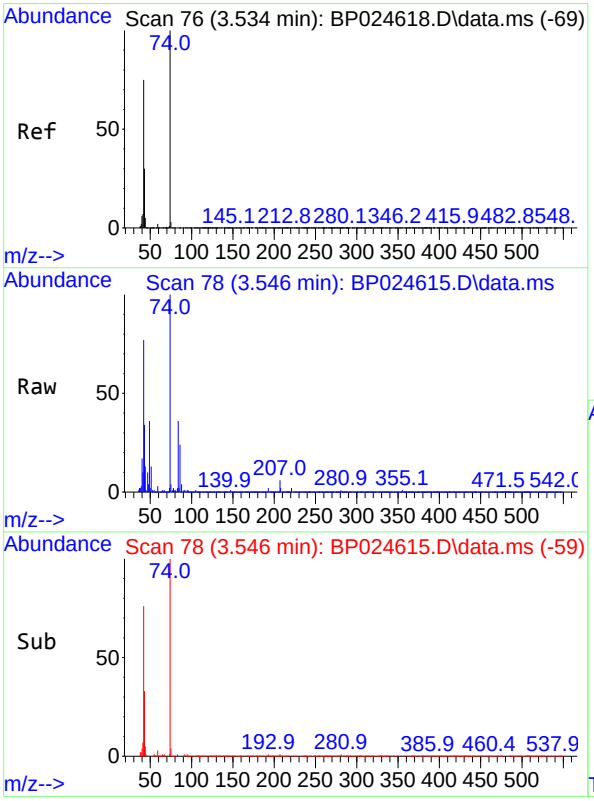
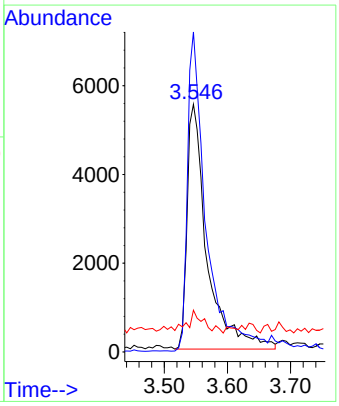
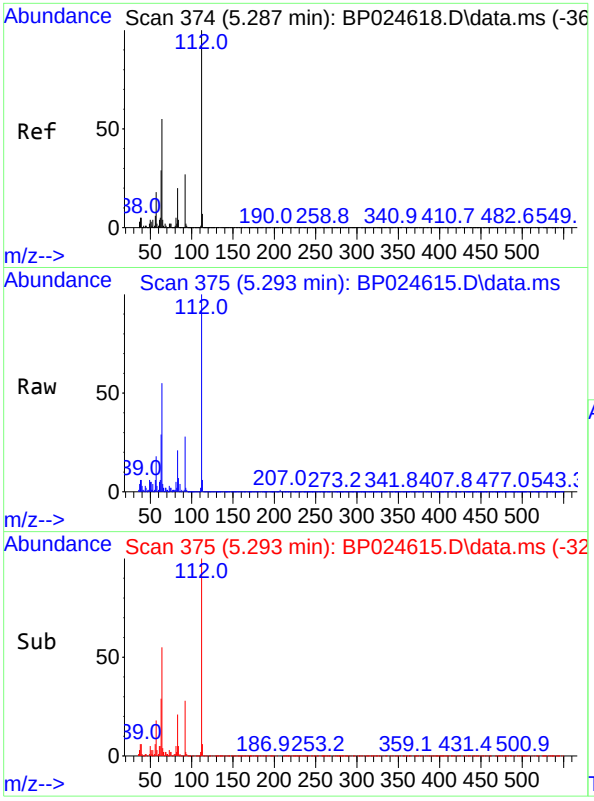


#4
n-Nitrosodimethylamine
Concen: 4.99 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 42 Resp: 12080

Ion	Ratio	Lower	Upper
42	100		
74	129.2	106.2	159.2
44	16.9	5.4	8.2#

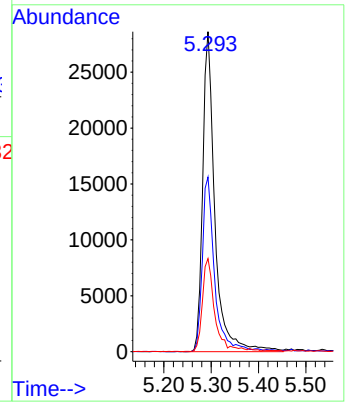




#5
2-Fluorophenol
Concen: 9.70 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:112 Resp: 5109

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.1	23.5	35.3



Instrument :
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ClientSampleId :
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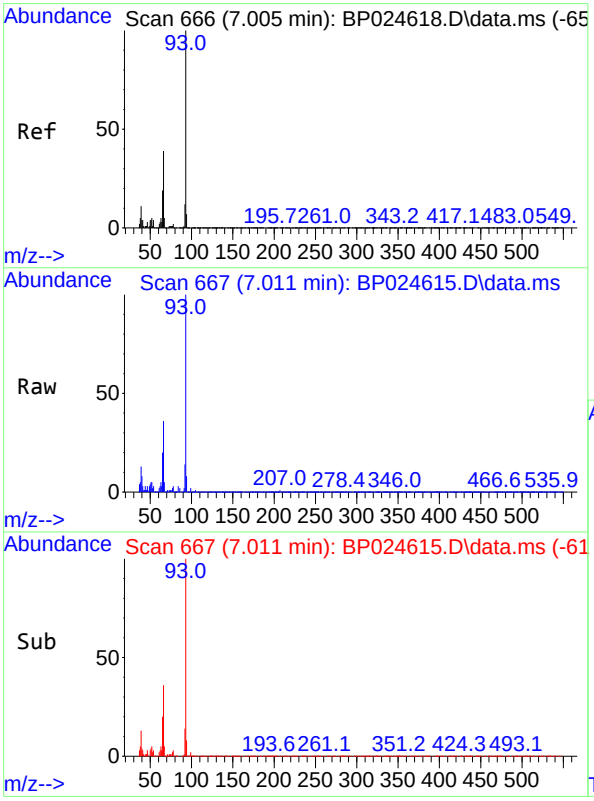
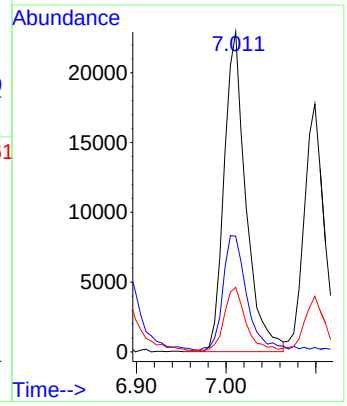
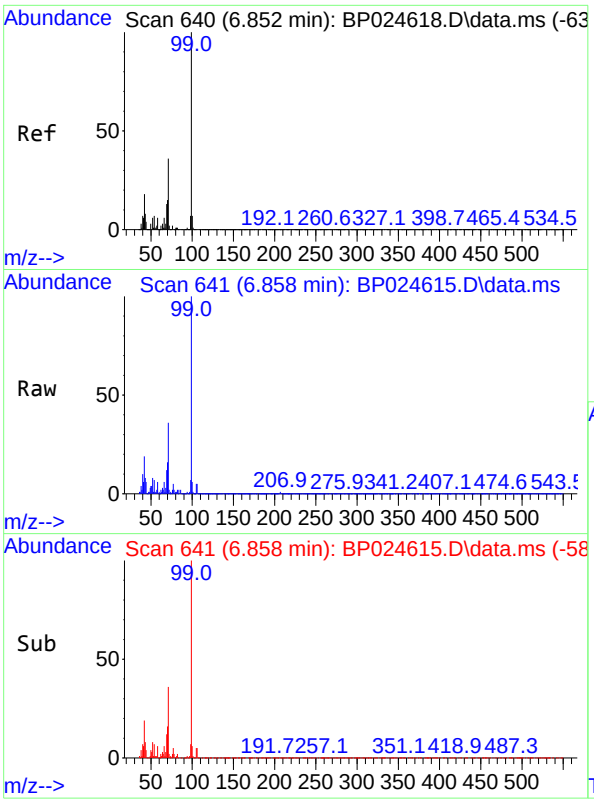


#6
Aniline
Concen: 4.45 ng
RT: 7.011 min Scan# 667
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38664

Ion	Ratio	Lower	Upper
93	100		
66	36.2	31.0	46.6
65	20.2	15.5	23.3

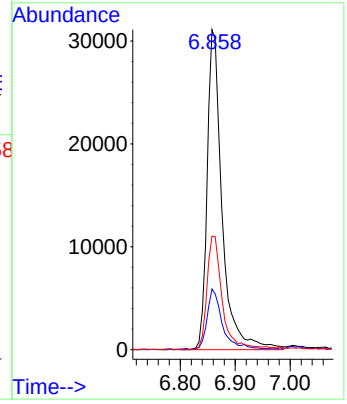




#7
Phenol-d6
Concen: 8.72 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 99 Resp: 5861

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.4	21.6
71	35.5	29.2	43.8



Instrument :
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ClientSampleId :
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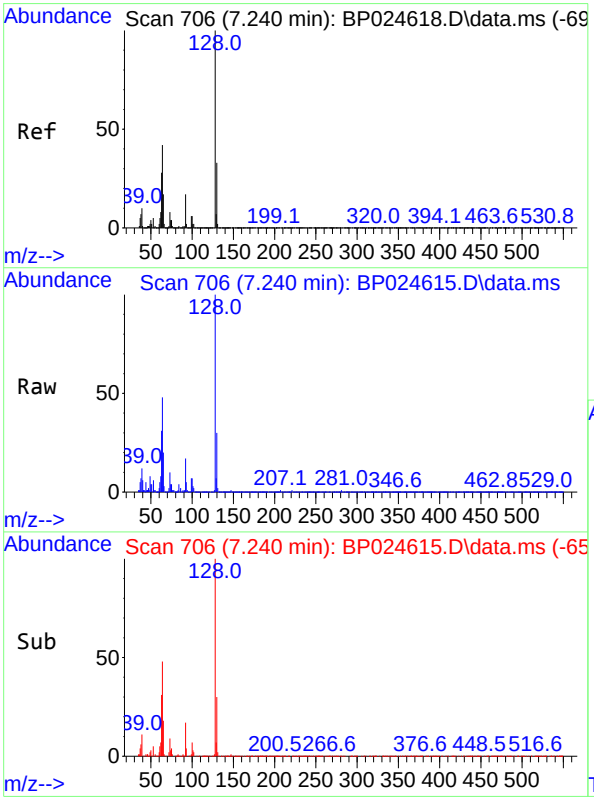
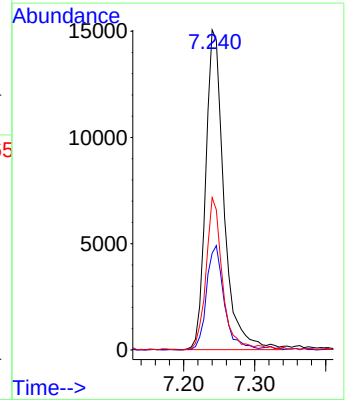
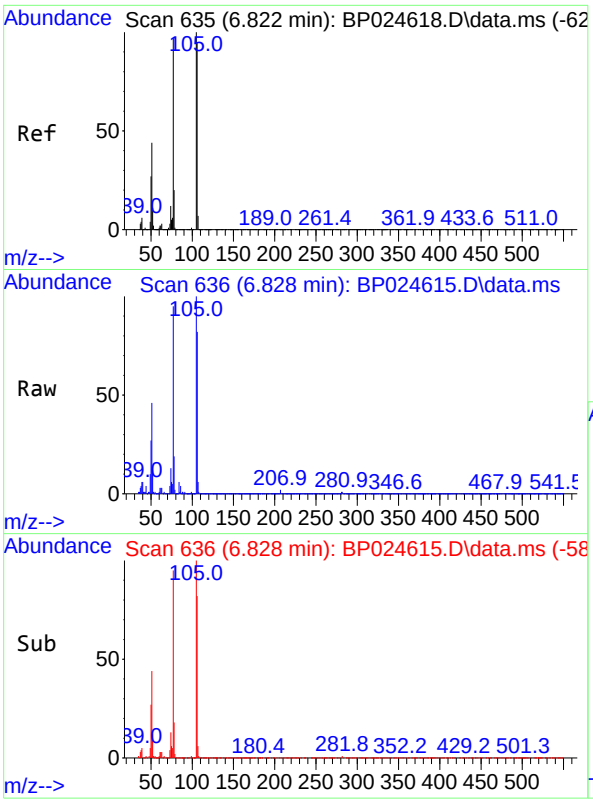


#8
2-Chlorophenol
Concen: 4.52 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:128 Resp: 27022

Ion	Ratio	Lower	Upper
128	100		
130	30.3	13.0	53.0
64	47.6	22.3	62.3

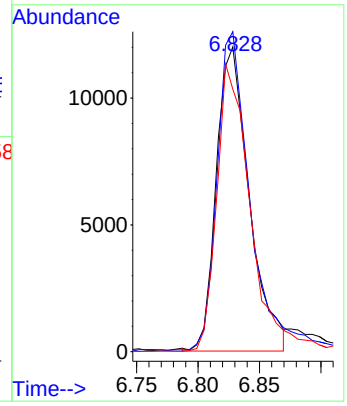




#9
Benzaldehyde
Concen: 5.14 ng m
RT: 6.828 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 2232

Ion	Ratio	Lower	Upper
77	100		
105	105.0	83.3	123.3
106	86.1	78.0	118.0



Instrument :
BNA_P
ClientSampleId :
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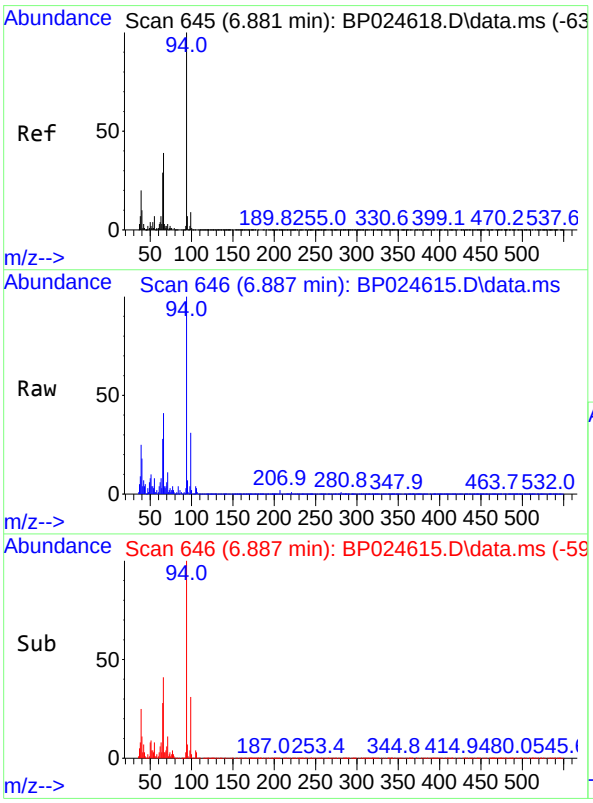
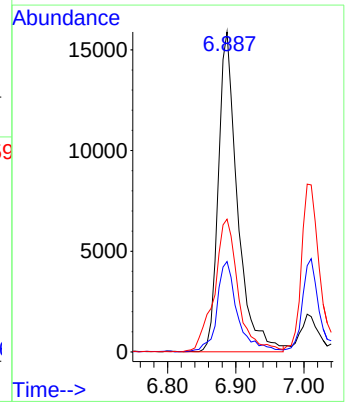
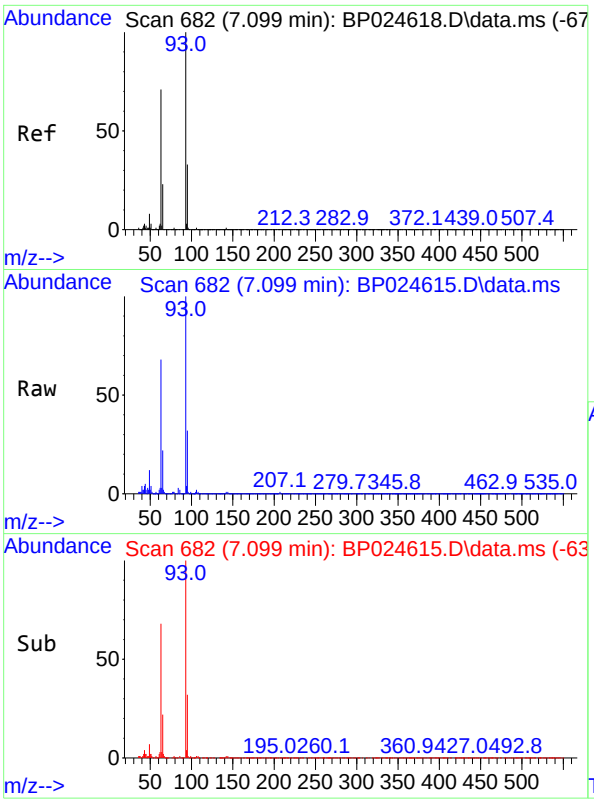


#10
Phenol
Concen: 4.46 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 94 Resp: 30912

Ion	Ratio	Lower	Upper
94	100		
65	28.2	8.7	48.7
66	41.5	19.4	59.4

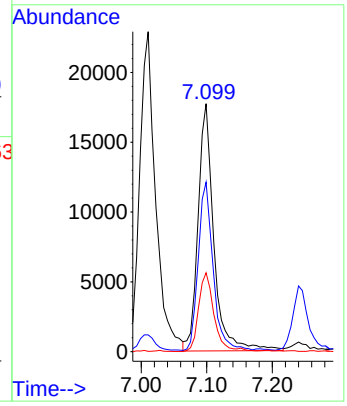




#11
bis(2-Chloroethyl)ether
Concen: 5.20 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 2966

Ion	Ratio	Lower	Upper
93	100		
63	68.3	50.6	90.6
95	31.8	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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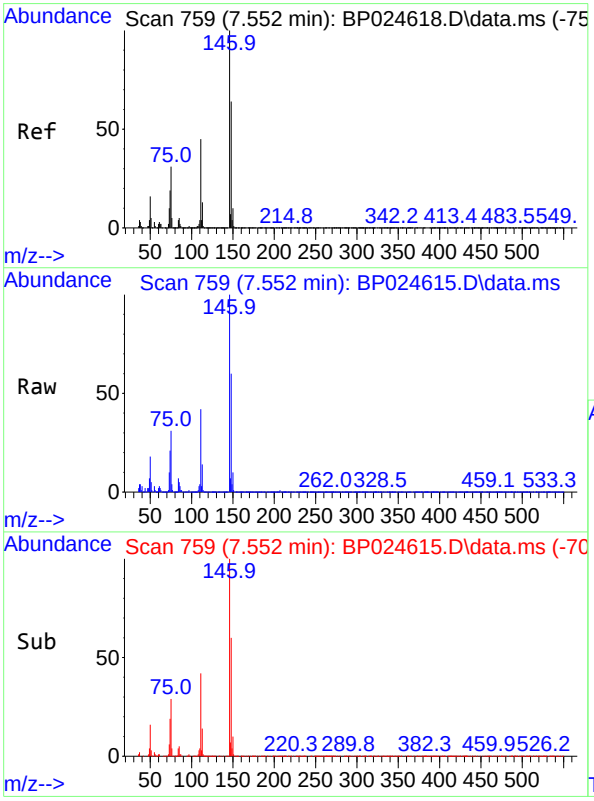
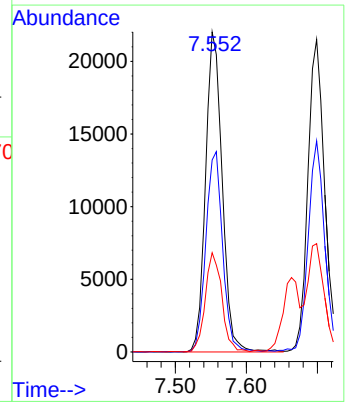
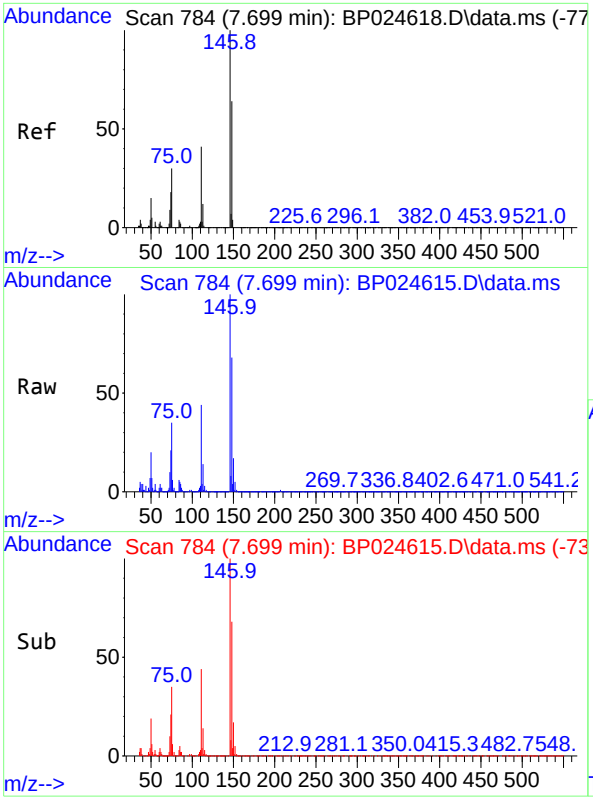


#12
1,3-Dichlorobenzene
Concen: 5.23 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 35946

Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.4	77.2
75	31.0	25.2	37.8

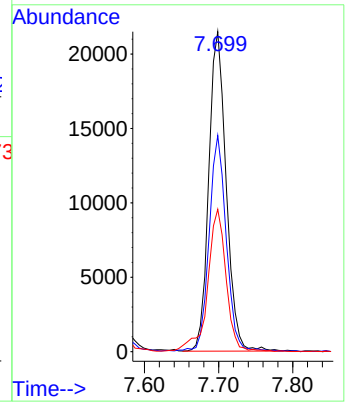




#13
1,4-Dichlorobenzene
Concen: 5.07 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 3509

Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.0	76.6
111	44.5	33.0	49.6



Instrument :
BNA_P
ClientSampleId :
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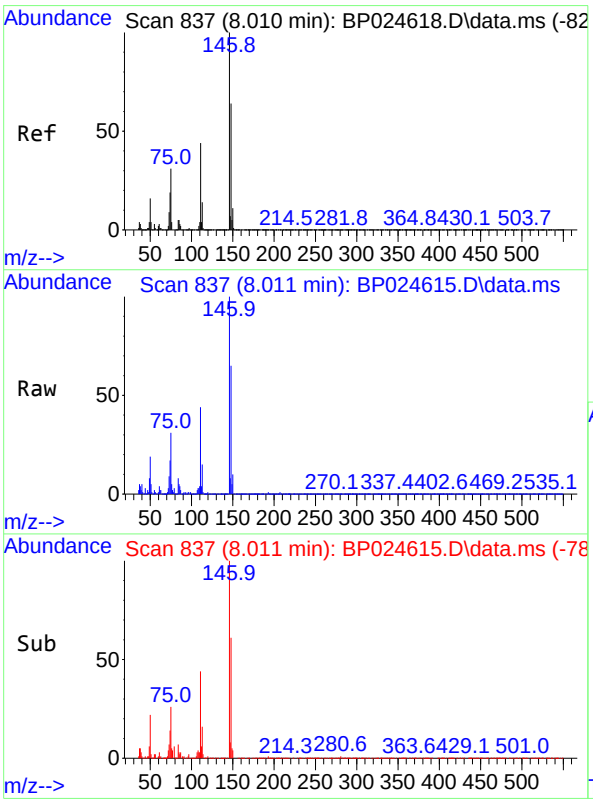
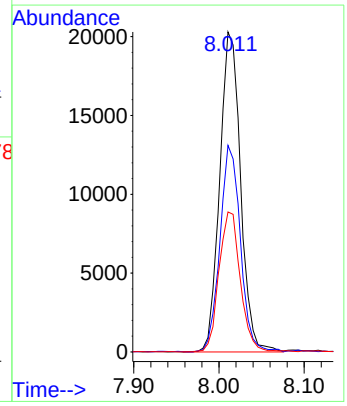
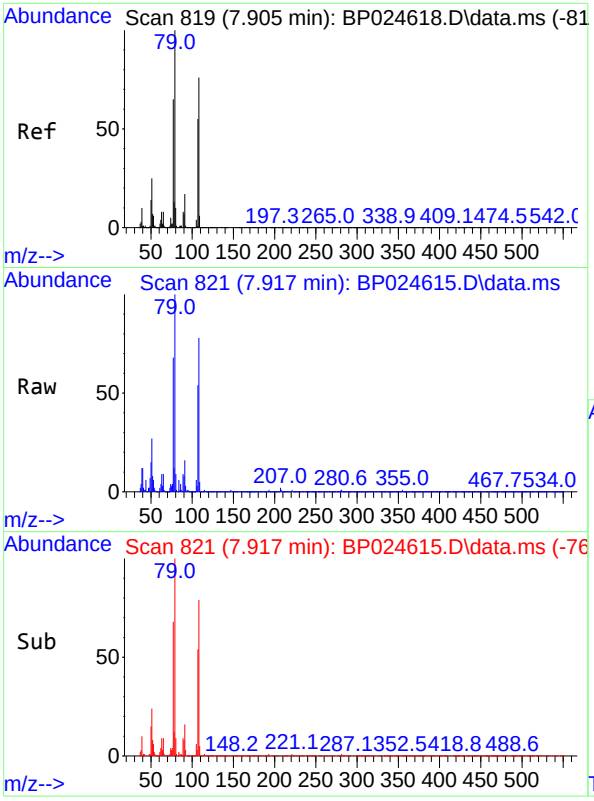


#14
1,2-Dichlorobenzene
Concen: 5.11 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:146 Resp: 34458

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
111	43.7	35.2	52.8

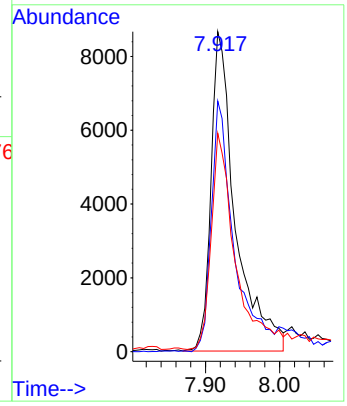




#15
Benzyl Alcohol
Concen: 3.89 ng
RT: 7.917 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 79 Resp: 1988

Ion	Ratio	Lower	Upper
79	100		
108	78.3	60.8	91.2
77	68.2	51.9	77.9



Instrument :
BNA_P
ClientSampleId :
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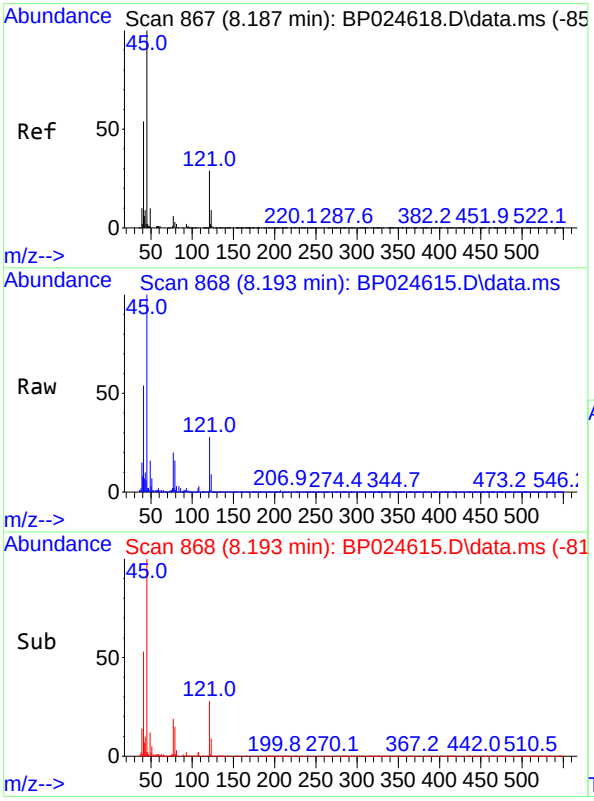
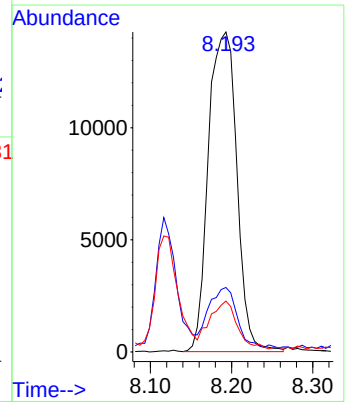
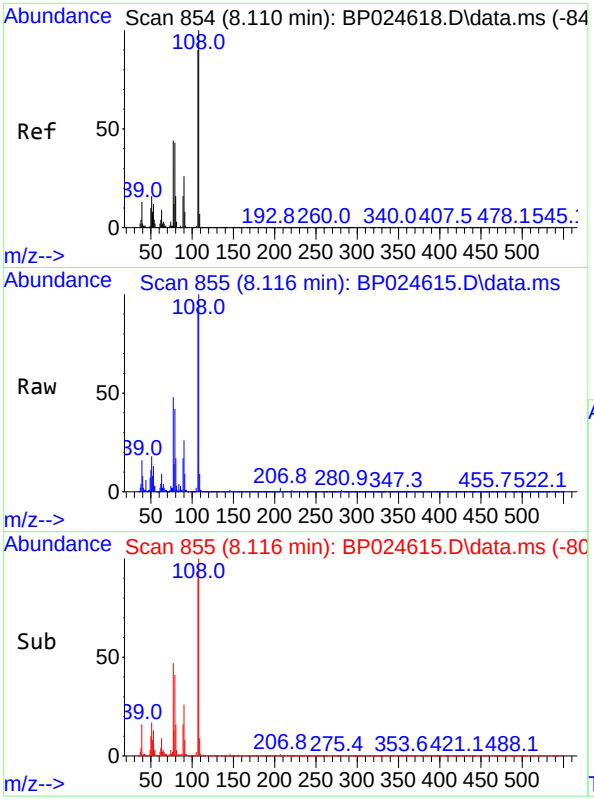


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.09 ng
RT: 8.193 min Scan# 868
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 45 Resp: 34754

Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	37.7
79	15.9	0.0	34.0

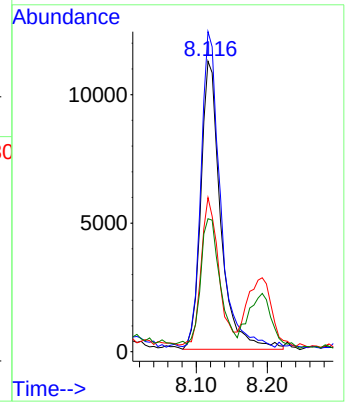




#17
2-Methylphenol
Concen: 4.37 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 2175

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	53.0	39.0	58.6
79	45.8	38.4	57.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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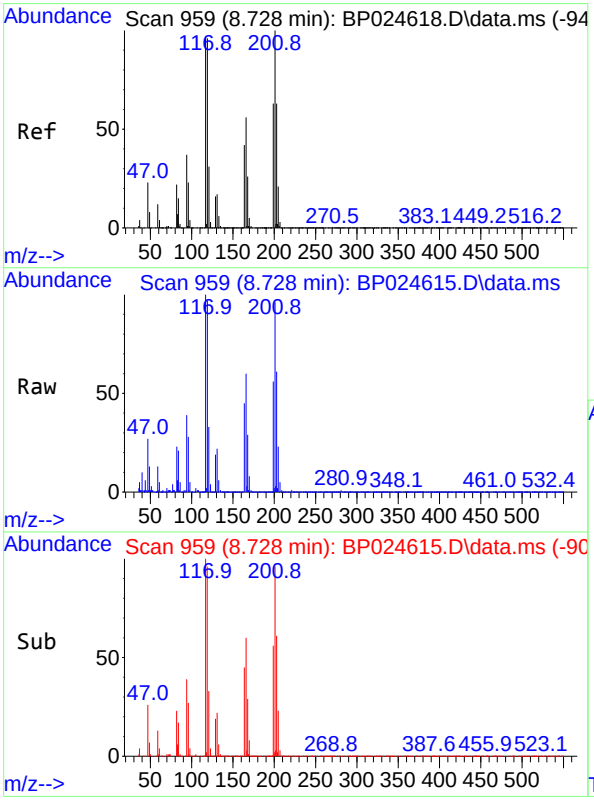
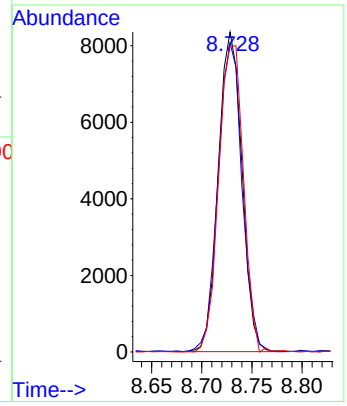
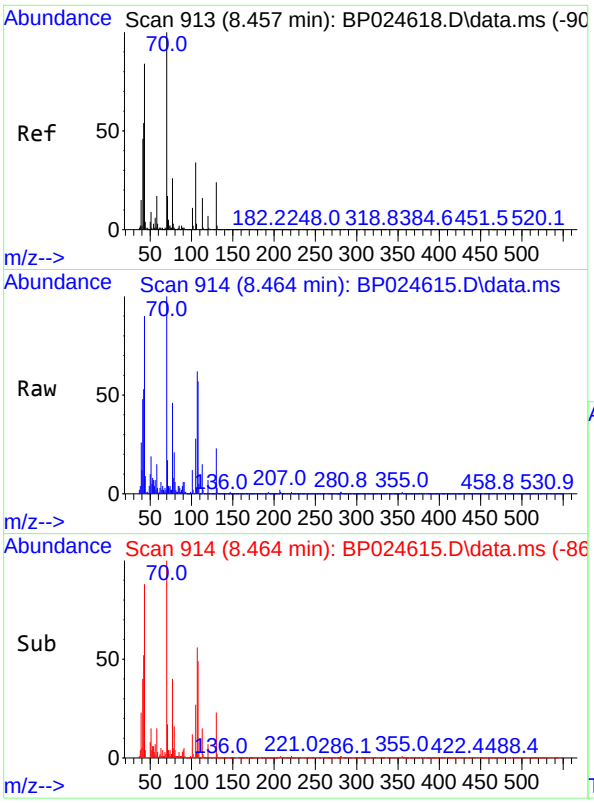


#18
Hexachloroethane
Concen: 5.15 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:117 Resp: 13650

Ion	Ratio	Lower	Upper
117	100		
119	96.6	79.4	119.0
201	98.3	82.7	124.1

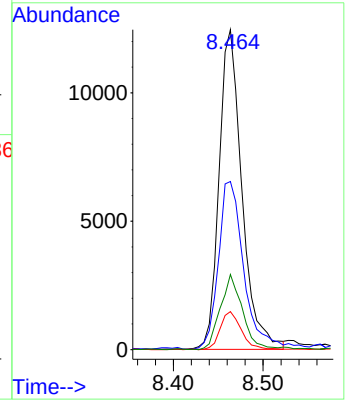




#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 8.464 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 70 Resp: 2201

Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.0	64.6
101	11.9	8.7	13.1
130	23.5	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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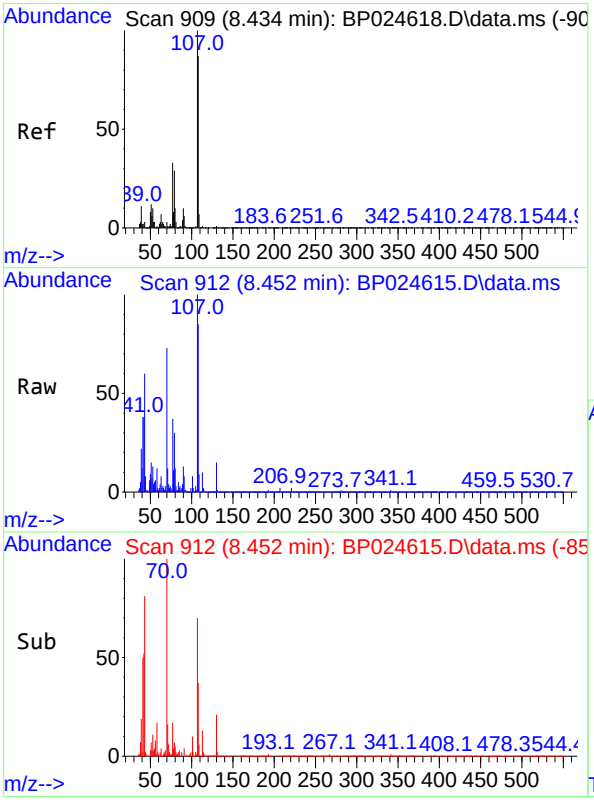
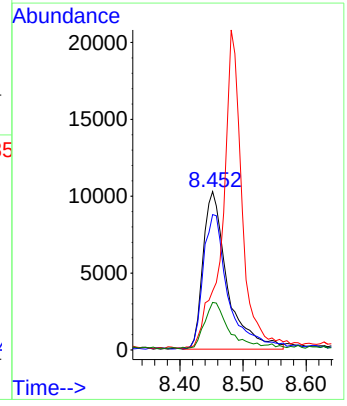
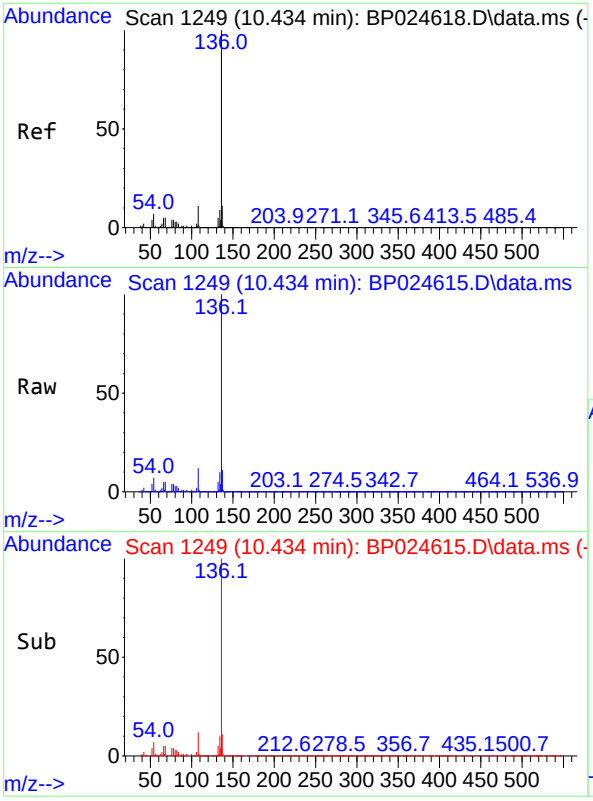


#20
3+4-Methylphenols
Concen: 4.06 ng
RT: 8.452 min Scan# 912
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 27500

Ion	Ratio	Lower	Upper
107	100		
108	85.4	66.7	106.7
77	37.3	13.1	53.1
79	29.9	8.9	48.9

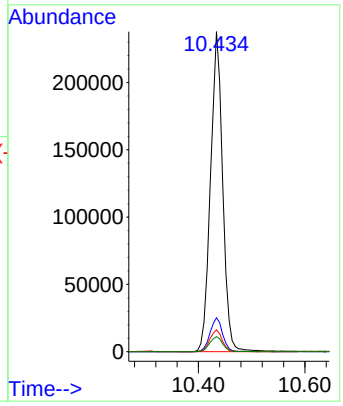




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:136 Resp: 37805

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	4.7	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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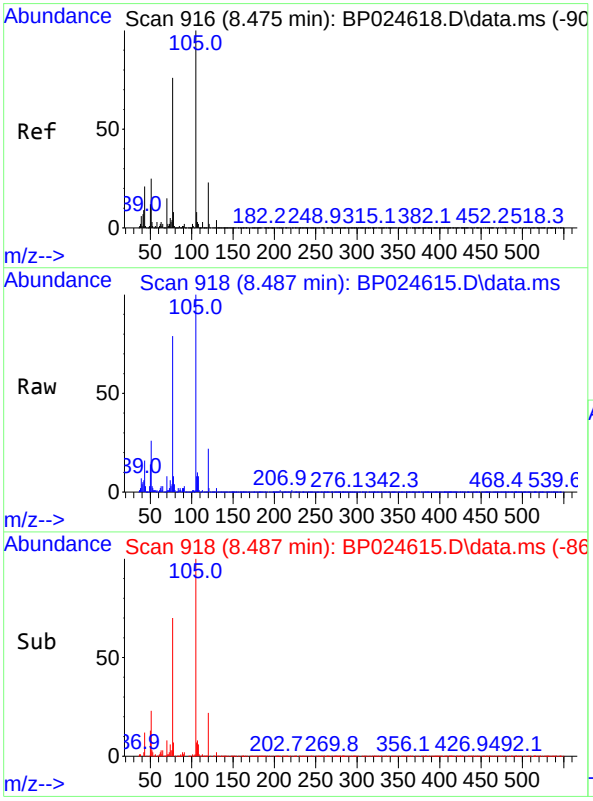
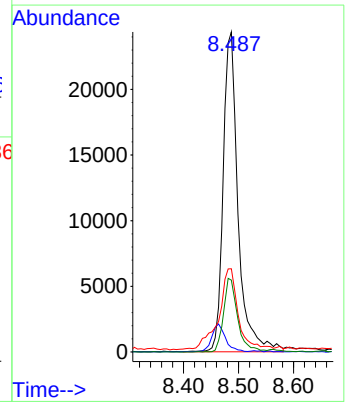
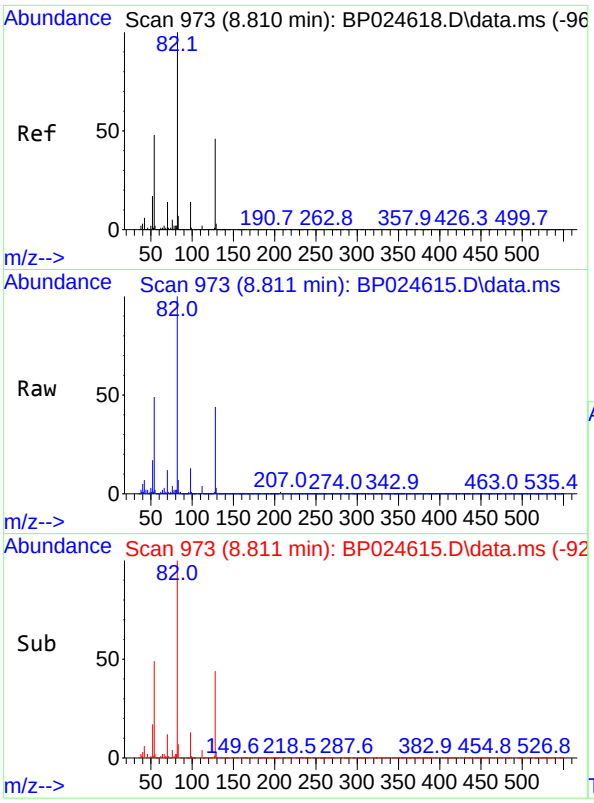


#22
Acetophenone
Concen: 4.87 ng
RT: 8.487 min Scan# 918
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:105 Resp: 45968

Ion	Ratio	Lower	Upper
105	100		
71	1.4	2.0	3.0#
51	26.0	20.4	30.6
120	22.4	18.1	27.1

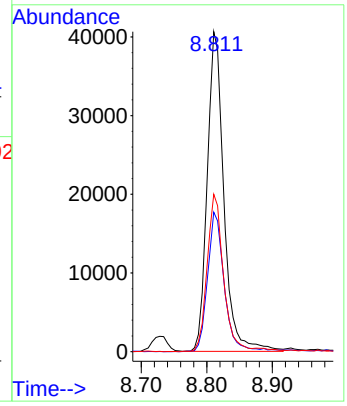




#23
Nitrobenzene-d5
Concen: 9.63 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 82 Resp: 7205

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.0	55.4
54	49.2	38.7	58.1



Instrument :
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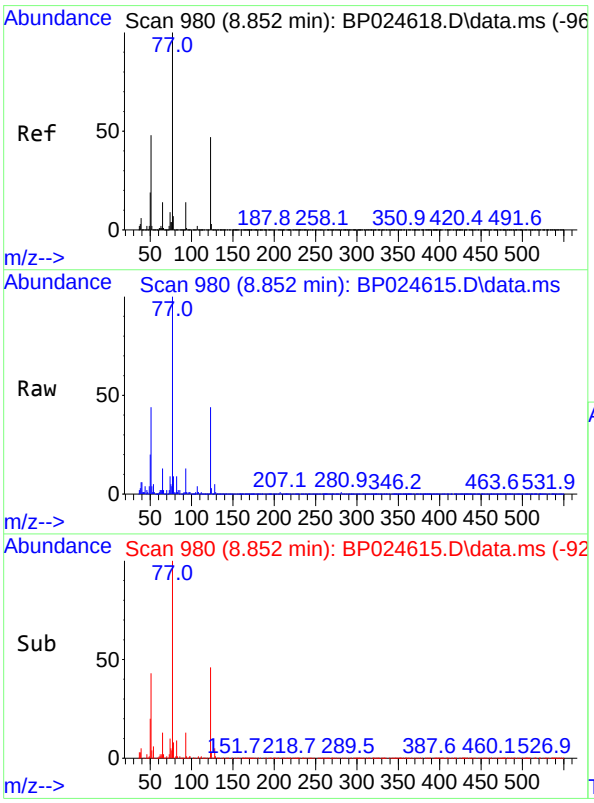
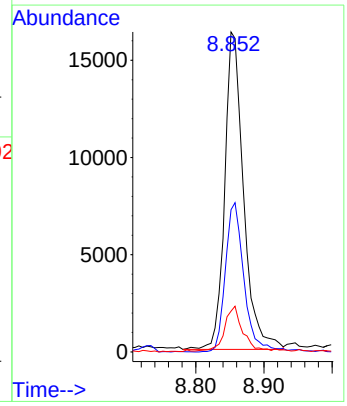
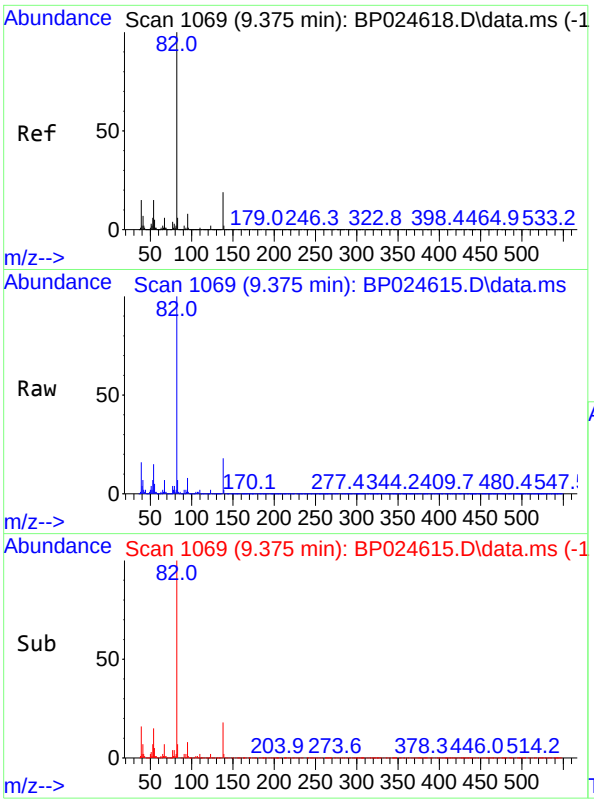


#24
Nitrobenzene
Concen: 4.78 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 31500

Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.4	56.0
65	12.7	11.3	16.9





#25
Isophorone
Concen: 4.69 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 82 Resp: 6085

Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.3	9.5
138	17.9	15.3	22.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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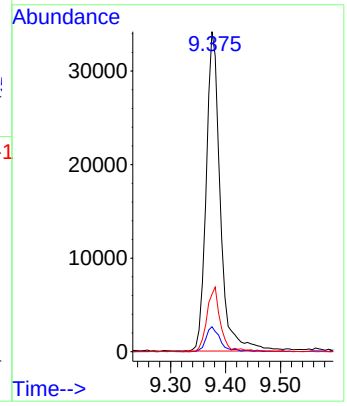
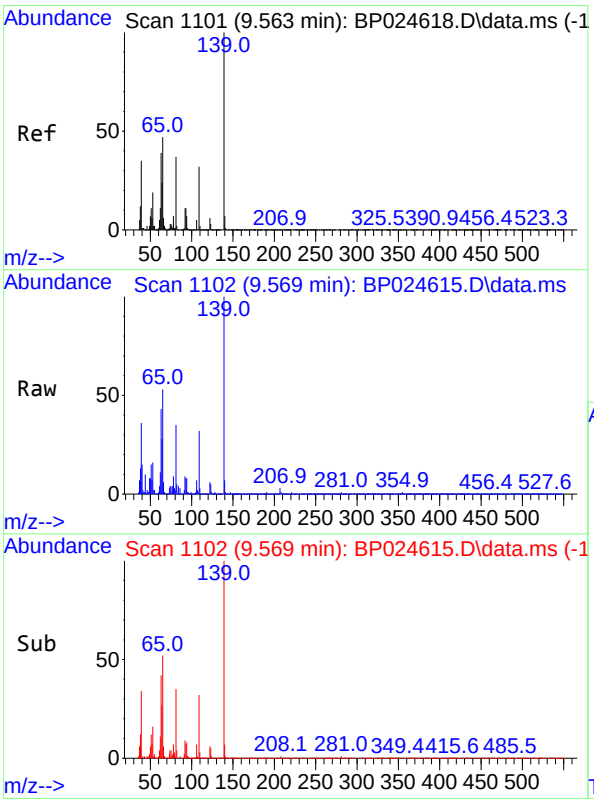
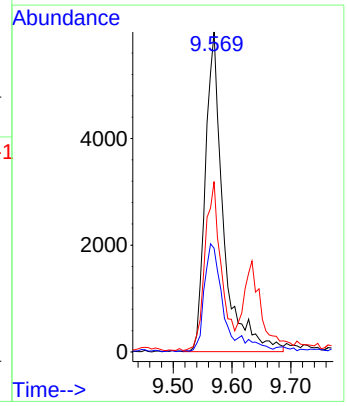


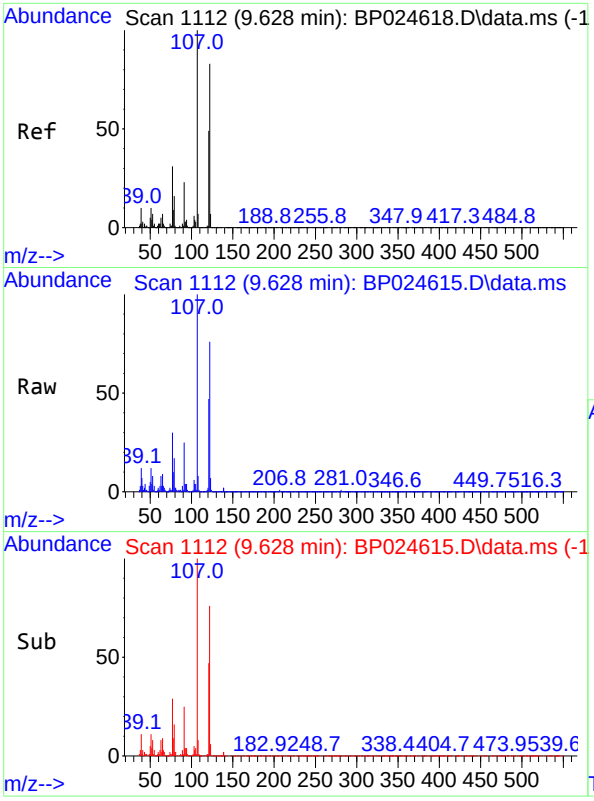


#26
2-Nitrophenol
Concen: 3.96 ng
RT: 9.569 min Scan# 1102
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:139 Resp: 12786

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	53.2	37.9	56.9

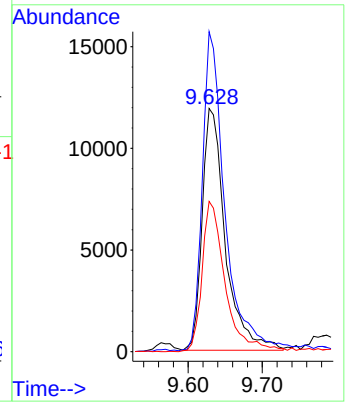




#27
2,4-Dimethylphenol
Concen: 4.54 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:122 Resp: 2583

Ion	Ratio	Lower	Upper
122	100		
107	131.6	96.2	144.2
121	61.8	47.6	71.4



Instrument :
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ClientSampleId :
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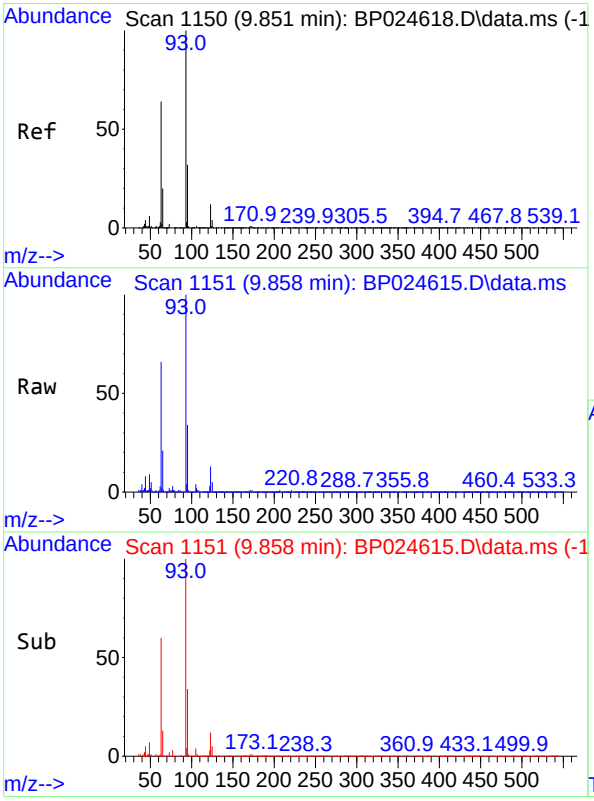
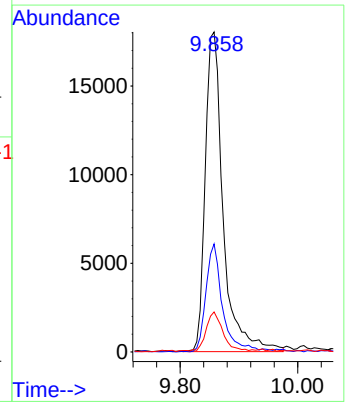
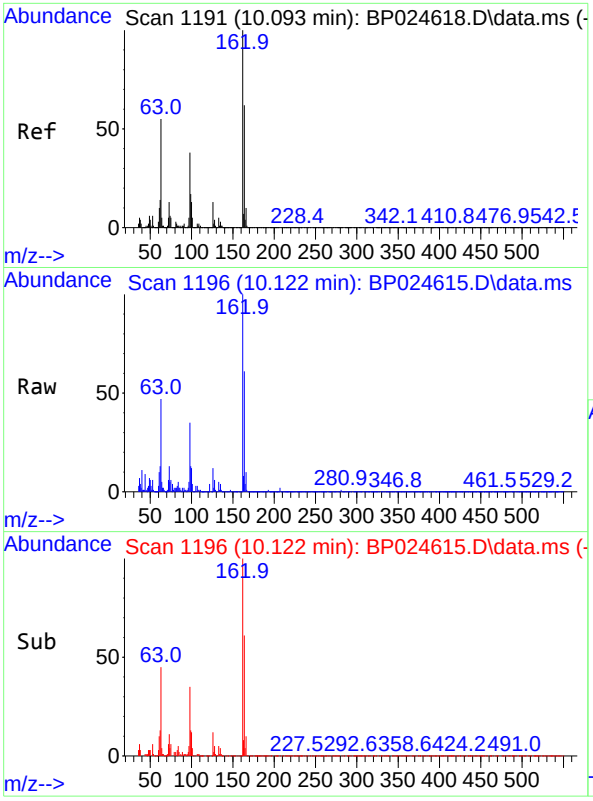


#28
bis(2-Chloroethoxy)methane
Concen: 4.91 ng
RT: 9.858 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 93 Resp: 38071

Ion	Ratio	Lower	Upper
93	100		
95	33.7	25.5	38.3
123	12.5	9.7	14.5

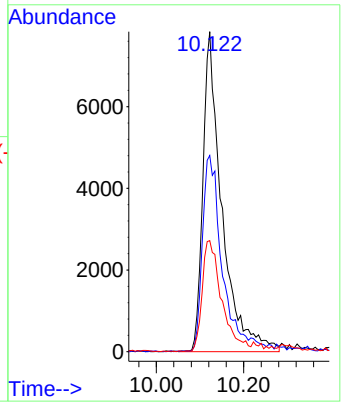




#29
2,4-Dichlorophenol
Concen: 4.29 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.030 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:162 Resp: 2362

Ion	Ratio	Lower	Upper
162	100		
164	61.3	42.3	82.3
98	34.7	18.4	58.4



Instrument :
BNA_P
ClientSampleId :
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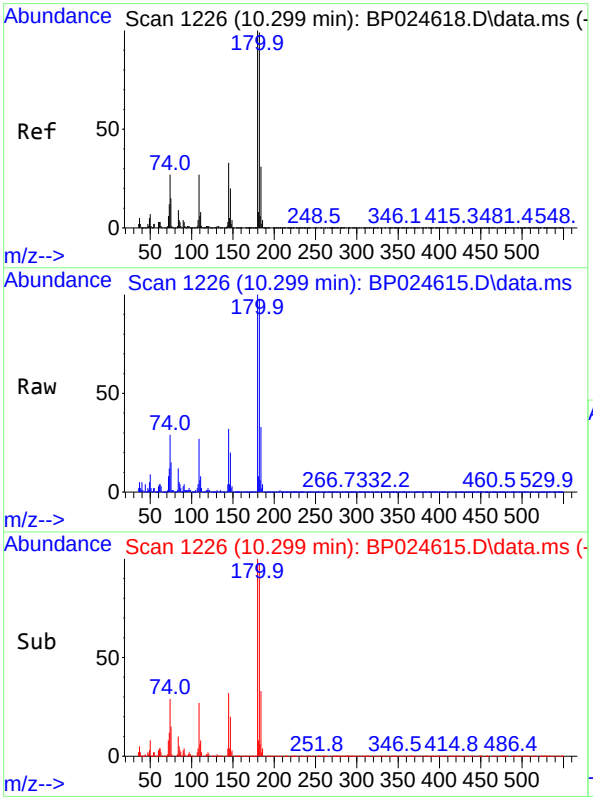
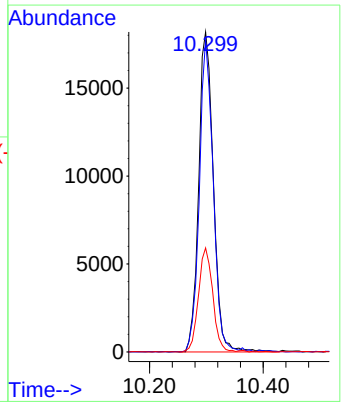
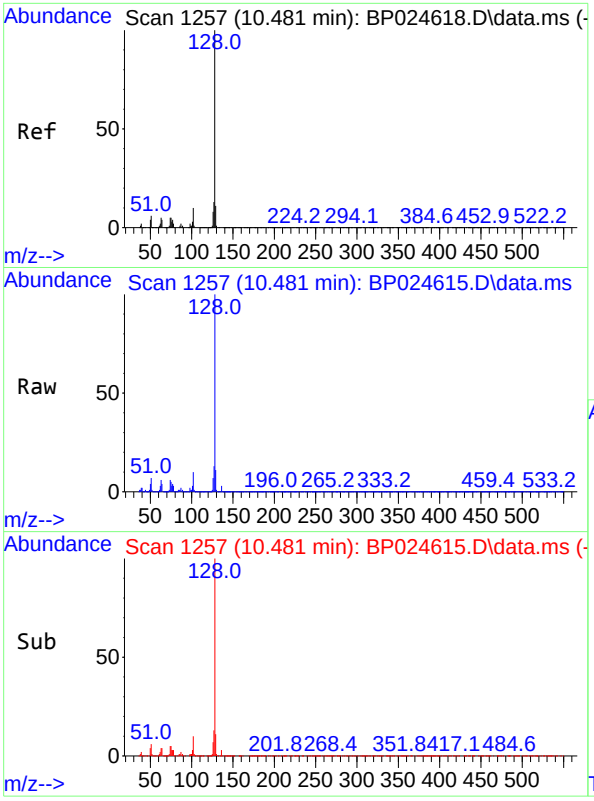


#30
1,2,4-Trichlorobenzene
Concen: 5.26 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:180 Resp: 32699

Ion	Ratio	Lower	Upper
180	100		
182	97.6	79.0	118.4
145	32.5	26.6	39.8

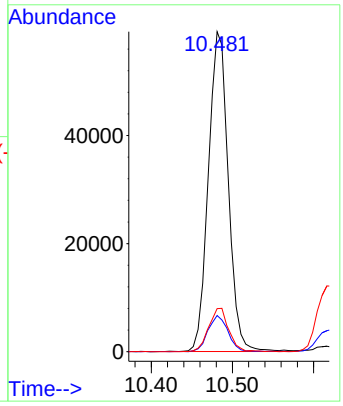




#31
Naphthalene
Concen: 5.13 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:128 Resp: 10056

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
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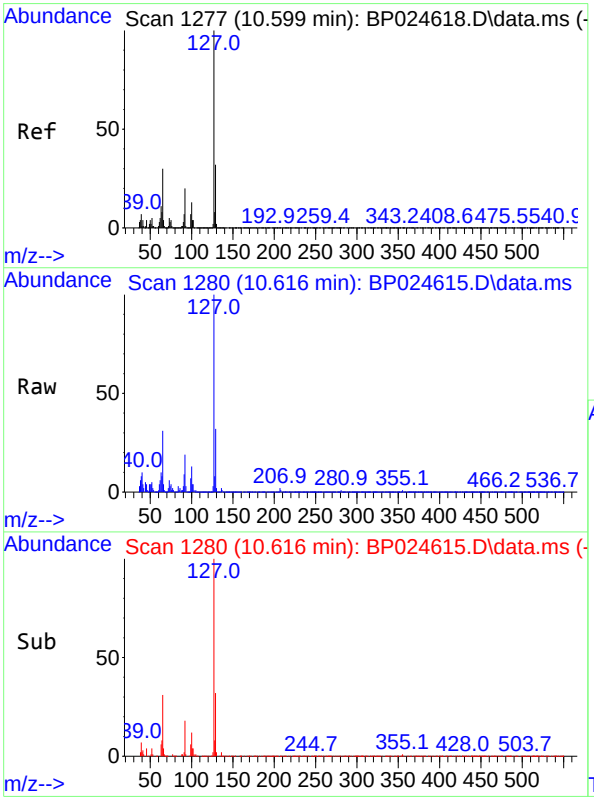
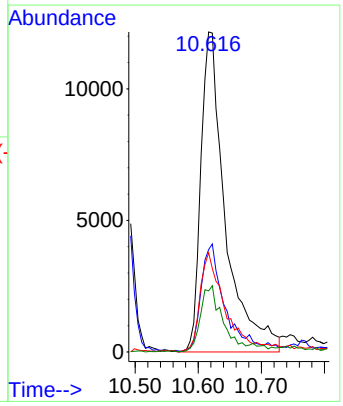
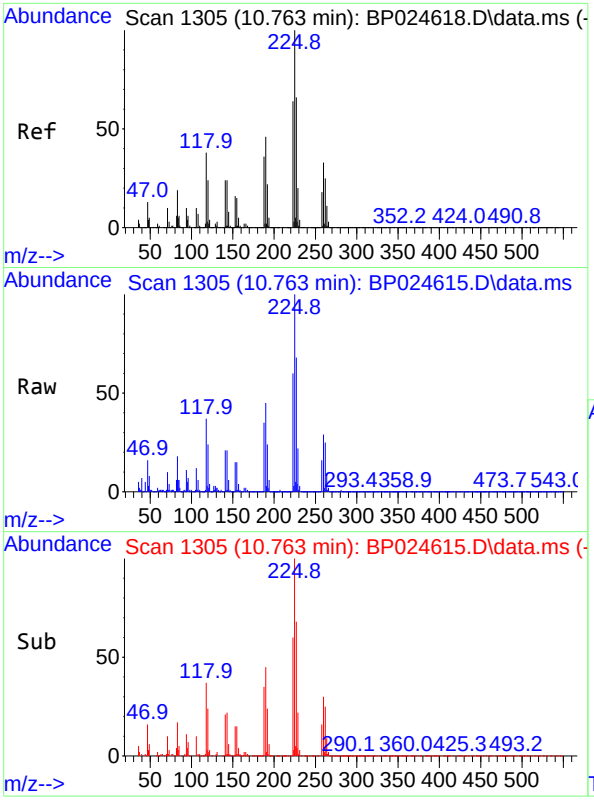


#33
4-Chloroaniline
Concen: 4.16 ng
RT: 10.616 min Scan# 1280
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:127 Resp: 32908

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	31.0	23.9	35.9
92	19.1	16.1	24.1

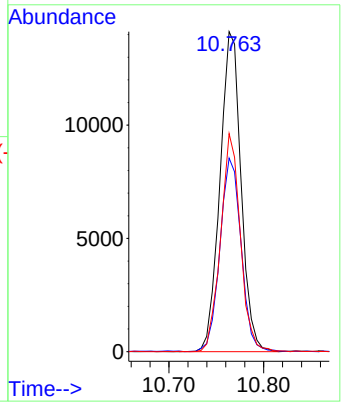




#34
Hexachlorobutadiene
Concen: 5.43 ng
RT: 10.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:225 Resp: 2183

Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.6
227	71.7	53.1	79.7



Instrument :
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ClientSampleId :
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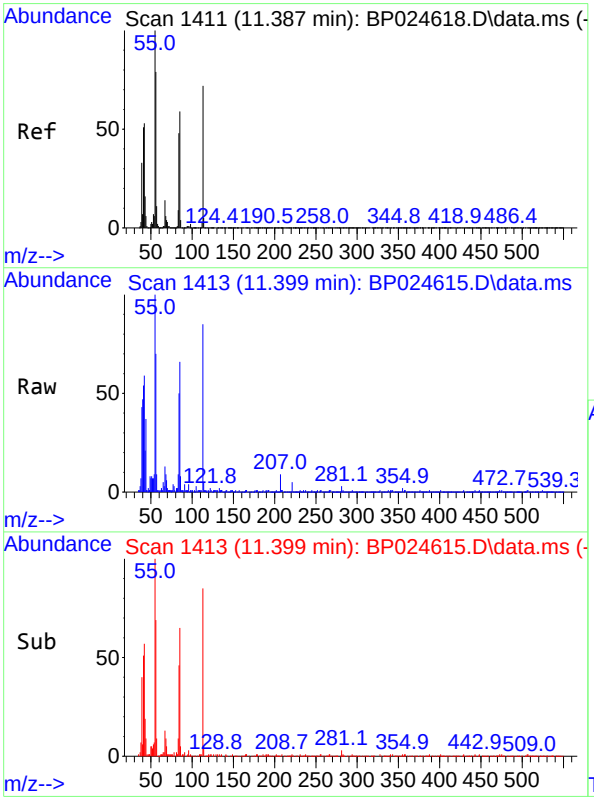
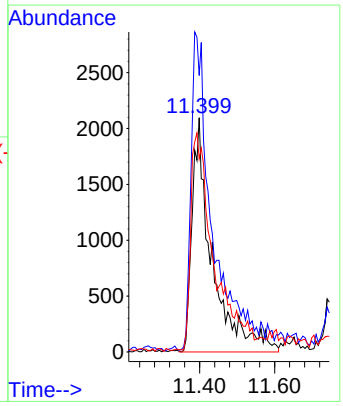
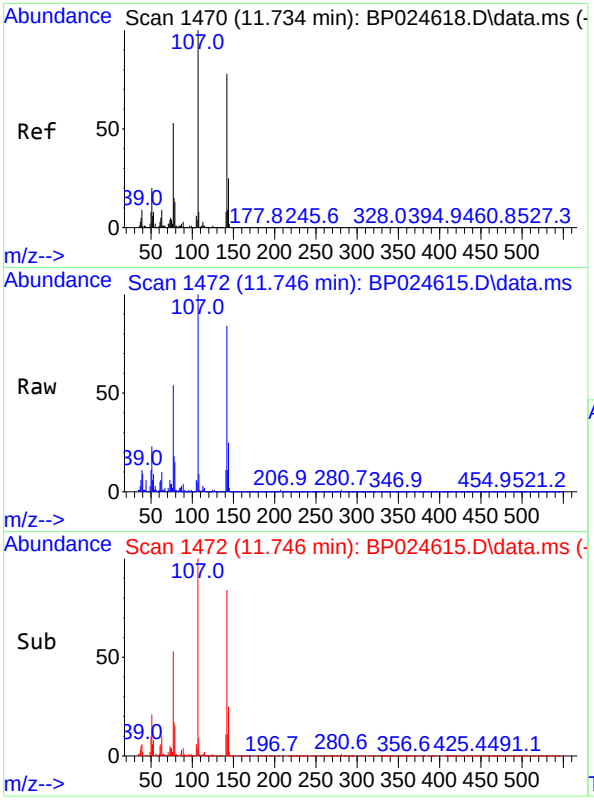


#35
Caprolactam
Concen: 3.88 ng m
RT: 11.399 min Scan# 1413
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:113 Resp: 7742

Ion	Ratio	Lower	Upper
113	100		
55	118.0	119.0	159.0#
56	82.4	90.3	130.3#

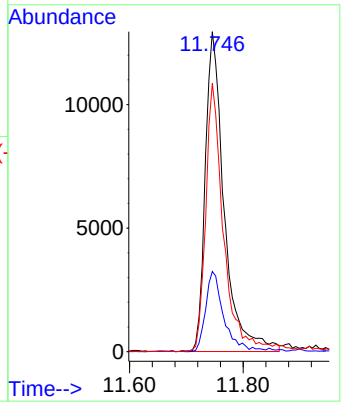




#36
4-Chloro-3-methylphenol
Concen: 4.44 ng
RT: 11.746 min Scan# 14
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:107 Resp: 2984

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	83.9	62.1	93.1



Instrument :
BNA_P
ClientSampleId :
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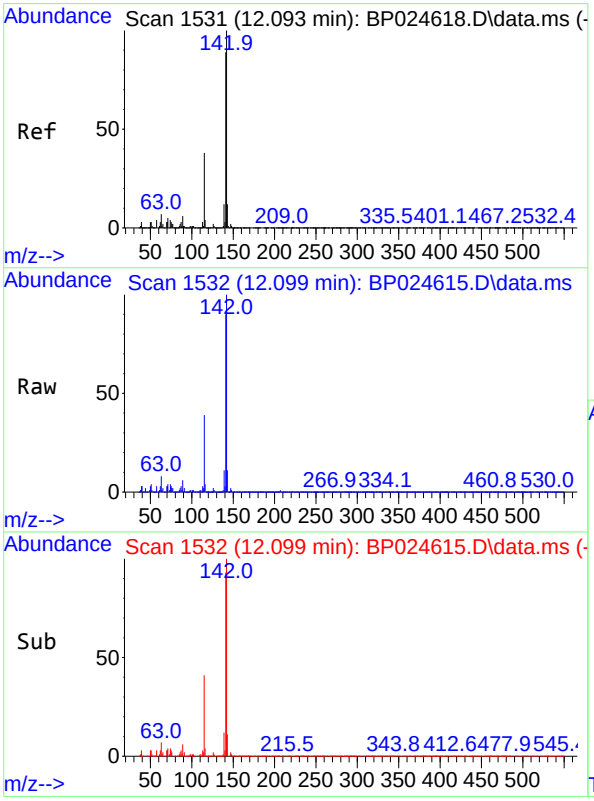
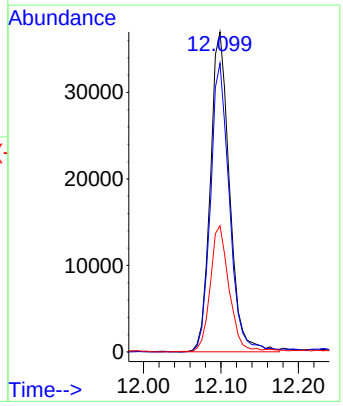
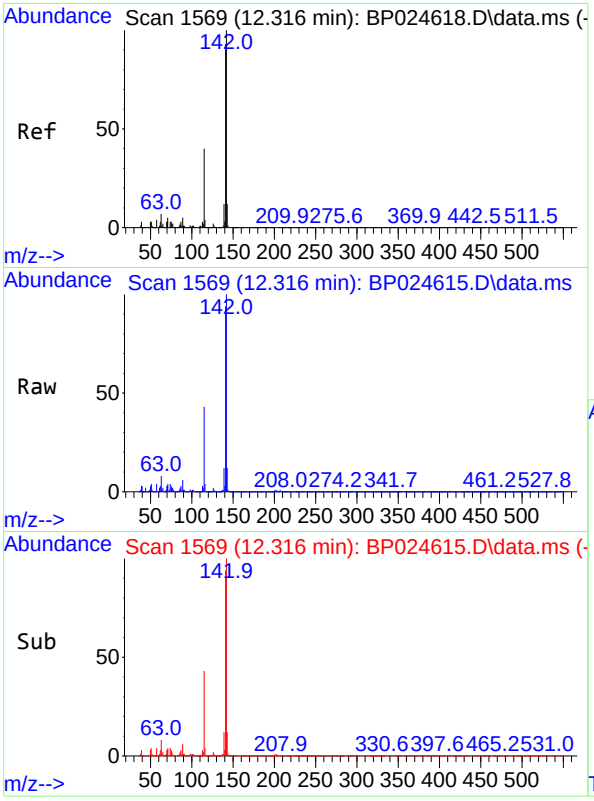


#37
2-Methylnaphthalene
Concen: 5.01 ng
RT: 12.099 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:142 Resp: 63562

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	39.4	30.6	46.0

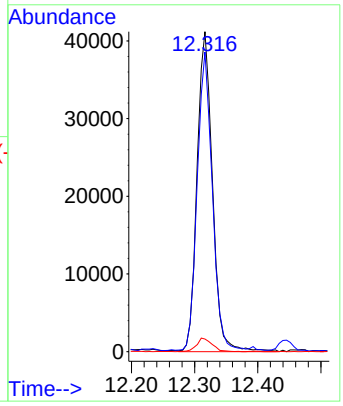




#38
1-Methylnaphthalene
Concen: 5.16 ng
RT: 12.316 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:142 Resp: 7004

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.7	112.1
116	4.0	3.4	5.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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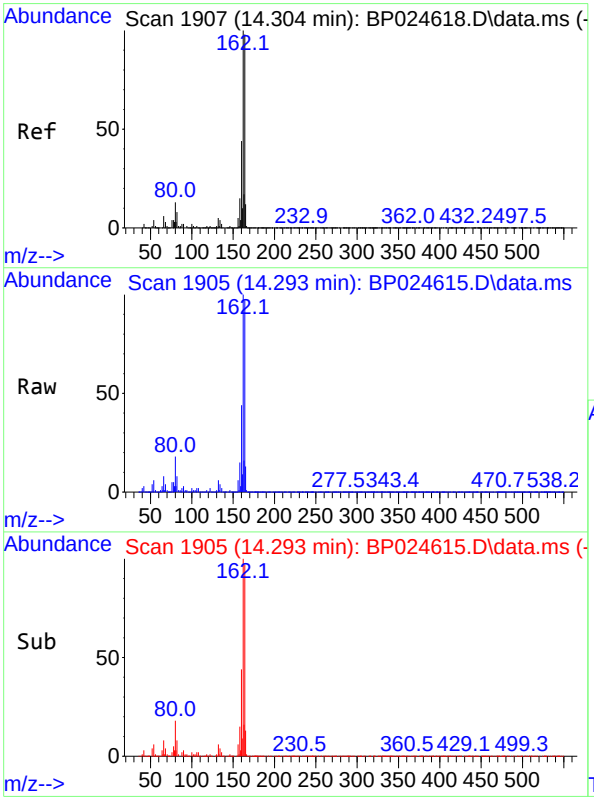
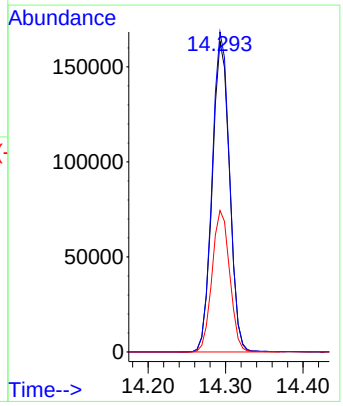
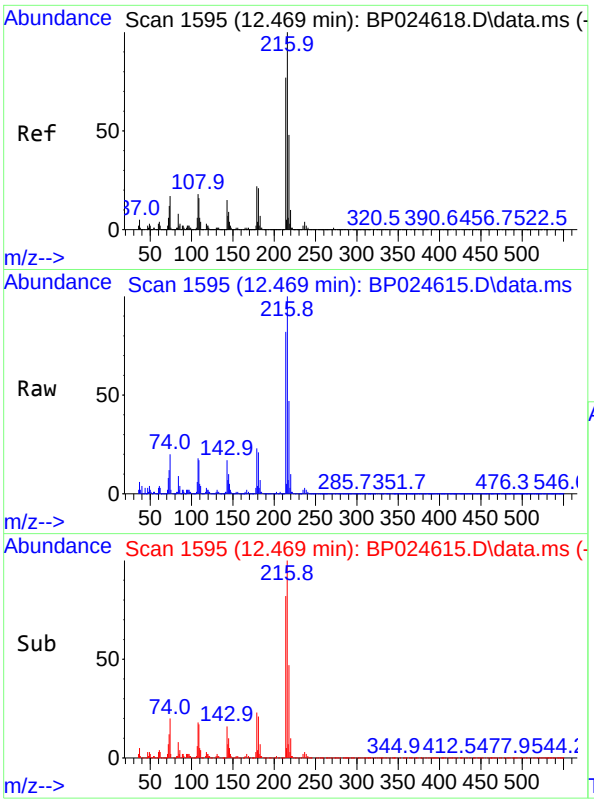


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:164 Resp: 254561

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.8	122.6
160	45.5	36.3	54.5

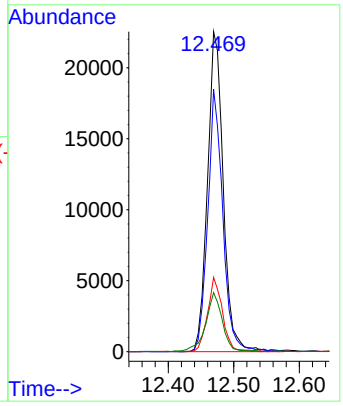




#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.11 ng
RT: 12.469 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:216 Resp: 3773

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	22.0	17.7	26.5
108	19.0	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
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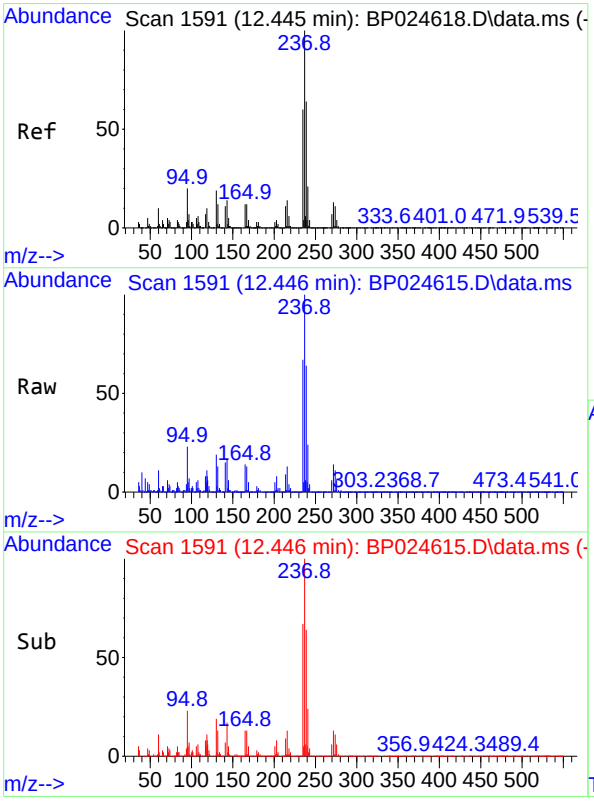
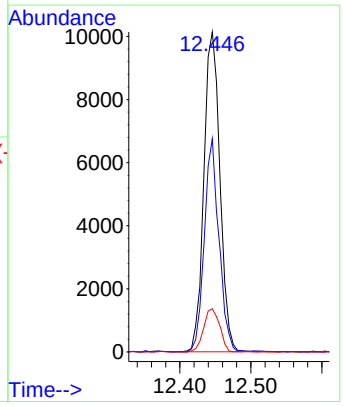
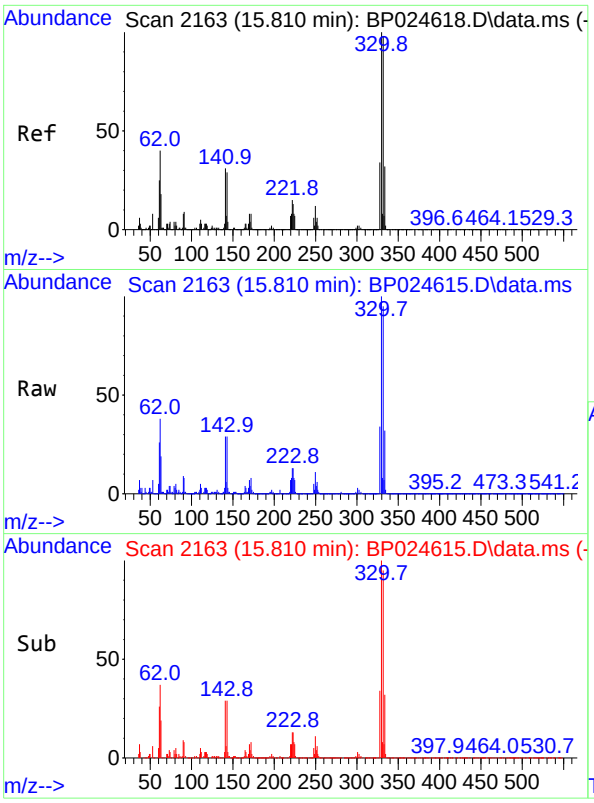


#41
Hexachlorocyclopentadiene
Concen: 3.56 ng
RT: 12.446 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:237 Resp: 15939

Ion	Ratio	Lower	Upper
237	100		
235	66.6	39.9	79.9
272	13.5	0.0	33.2

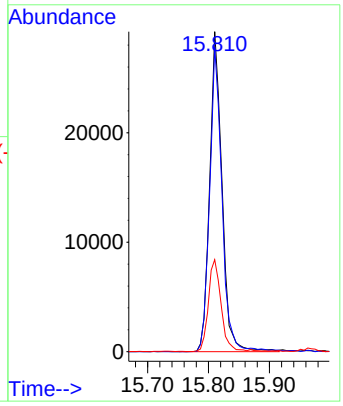




#42
2,4,6-Tribromophenol
Concen: 9.55 ng
RT: 15.810 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:330 Resp: 4121

Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.2	117.4
141	29.5	24.3	36.5



Instrument :
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ClientSampleId :
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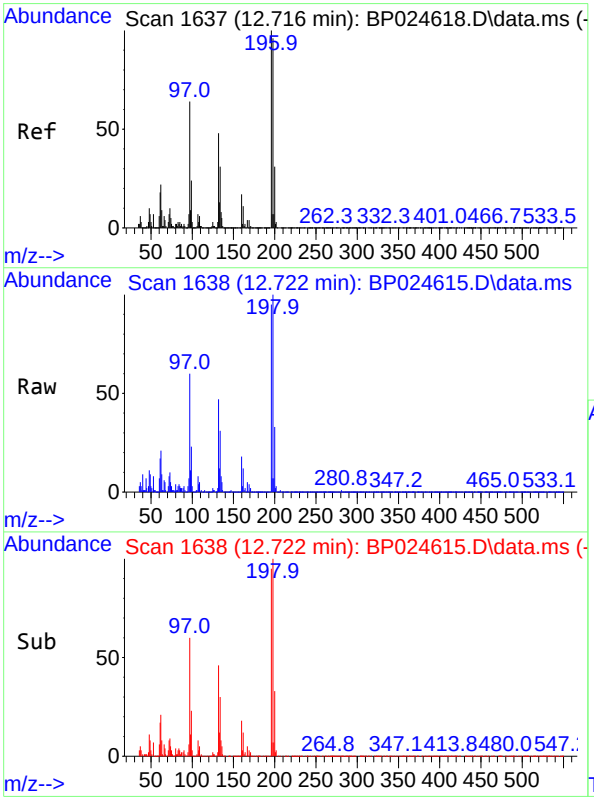
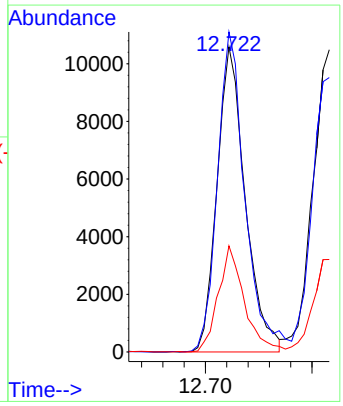
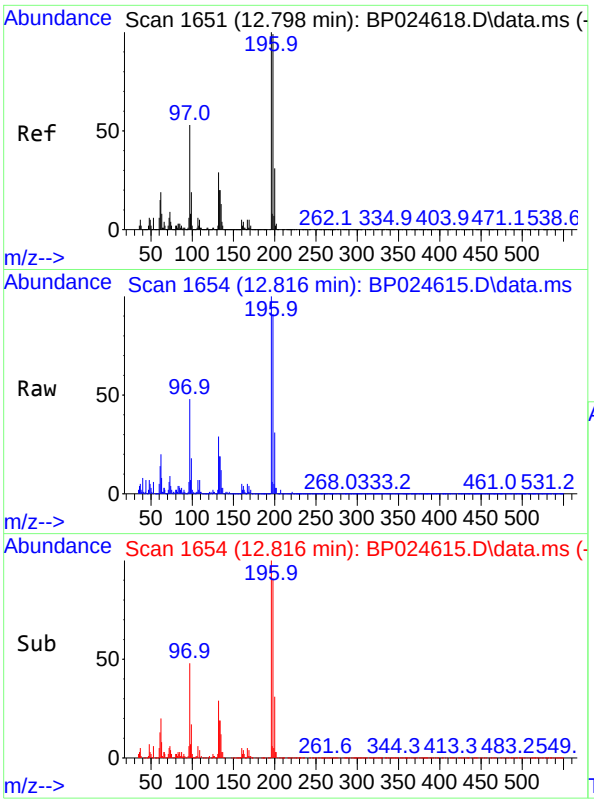


#43
2,4,6-Trichlorophenol
Concen: 4.06 ng
RT: 12.722 min Scan# 1638
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:196 Resp: 19429

Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.9	115.3
200	34.8	25.2	37.8

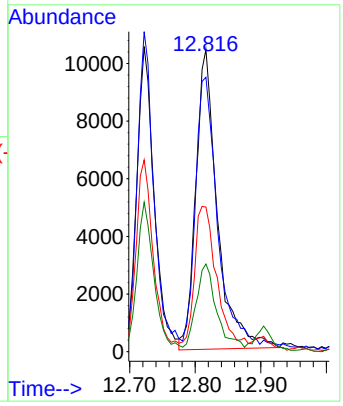




#44
2,4,5-Trichlorophenol
Concen: 4.49 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:196 Resp: 2391

Ion	Ratio	Lower	Upper
196	100		
198	90.8	79.2	118.8
97	47.8	42.3	63.5
132	29.0	23.3	34.9



Instrument :
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ClientSampleId :
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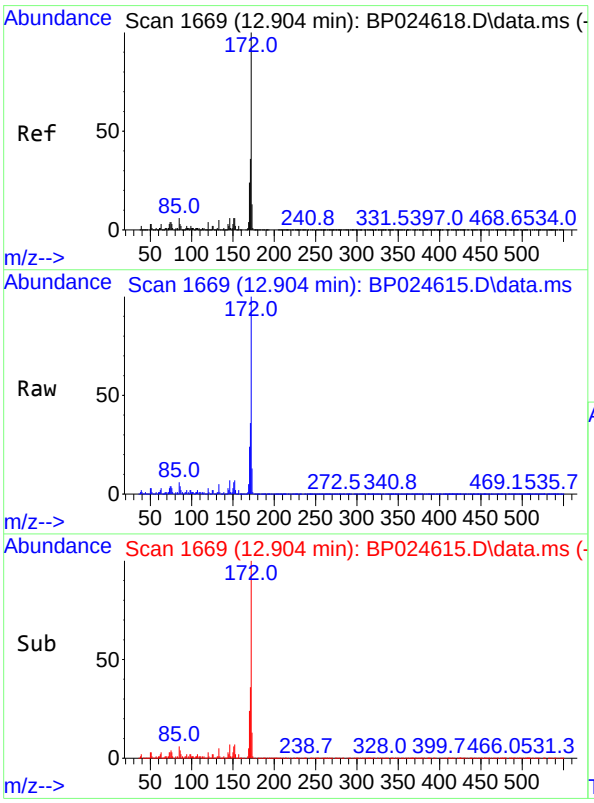
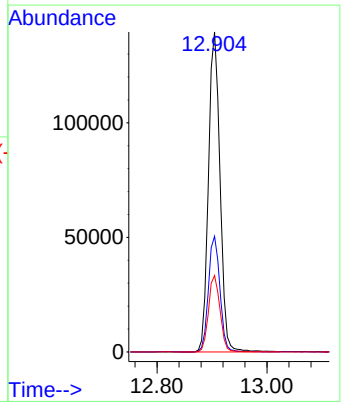
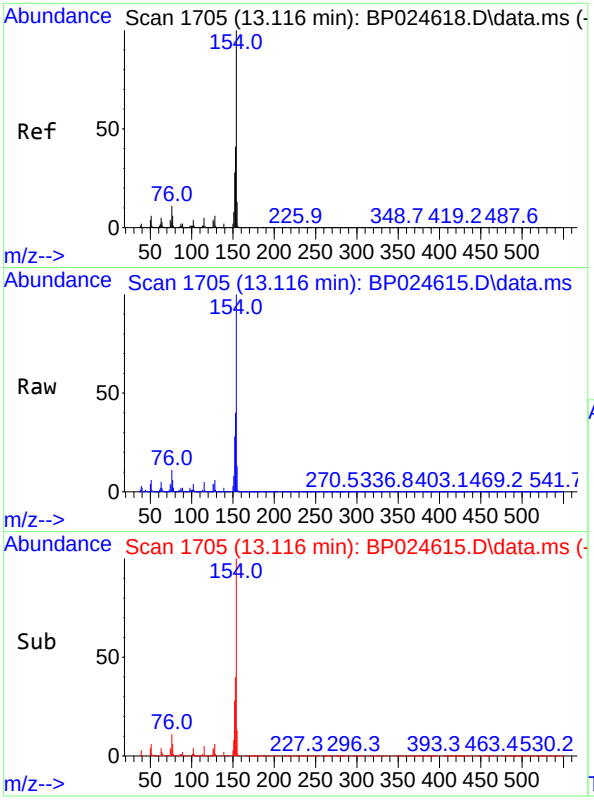


#45
2-Fluorobiphenyl
Concen: 10.48 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:172 Resp: 203719

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.9	18.8	28.2

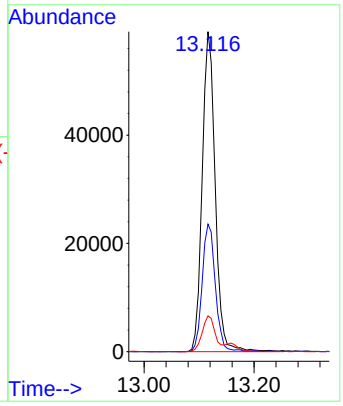




#46
1,1'-Biphenyl
Concen: 5.15 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:154 Resp: 9695

Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.0	61.0
76	11.2	0.0	31.5



Instrument :
BNA_P
ClientSampleId :
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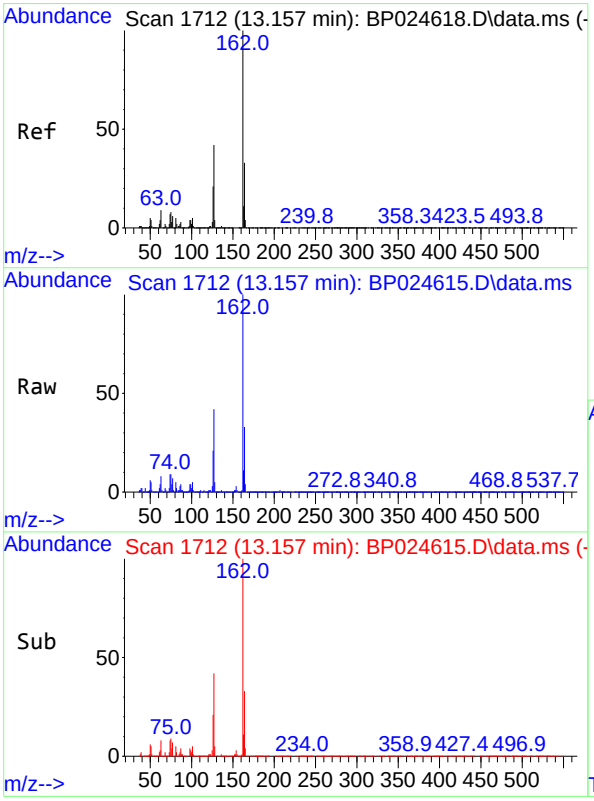
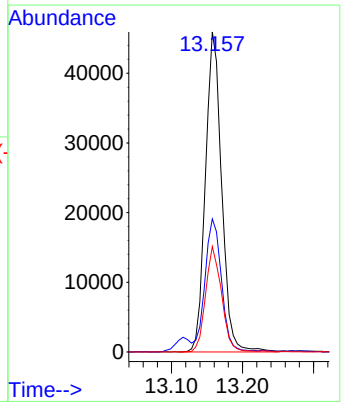
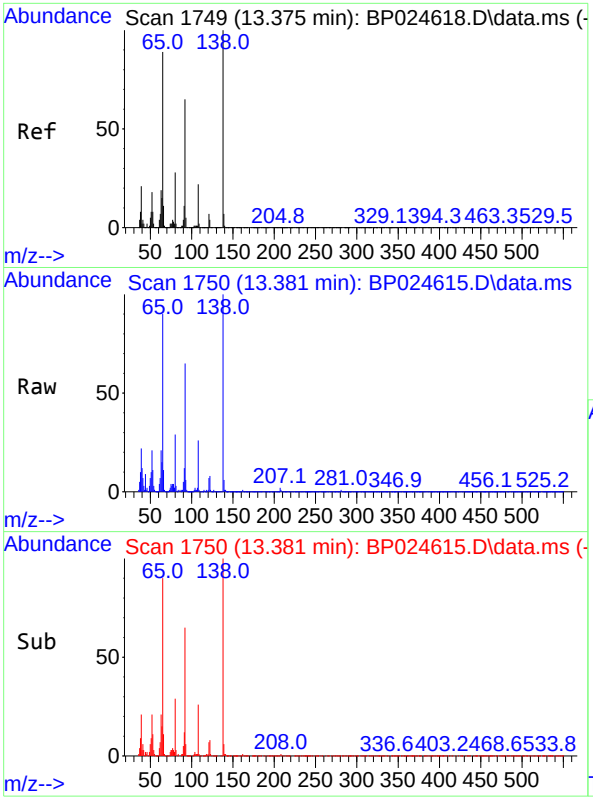


#47
2-Chloronaphthalene
Concen: 5.09 ng
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:162 Resp: 72977

Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.8	50.6
164	33.0	26.0	39.0

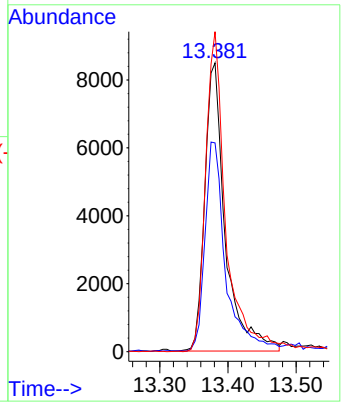




#48
2-Nitroaniline
Concen: 4.19 ng
RT: 13.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 65 Resp: 1777

Ion	Ratio	Lower	Upper
65	100		
92	72.3	58.7	88.1
138	110.8	90.2	135.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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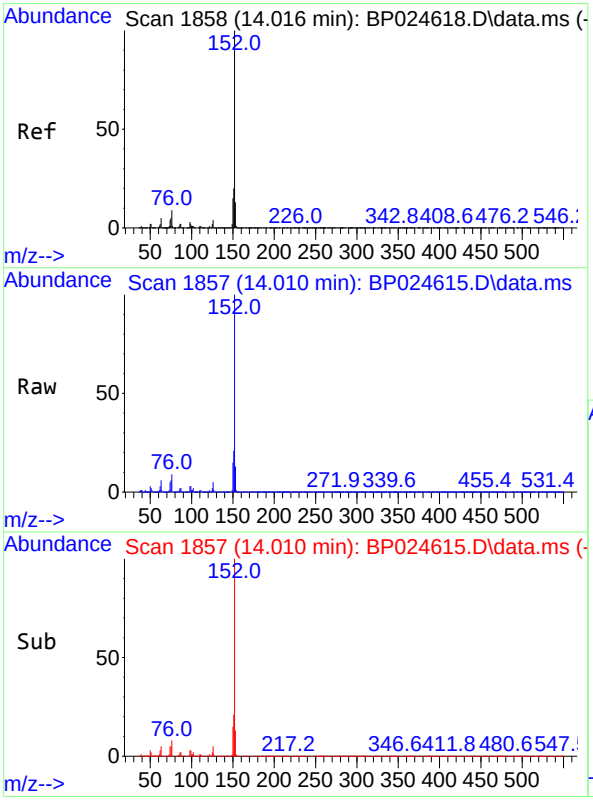
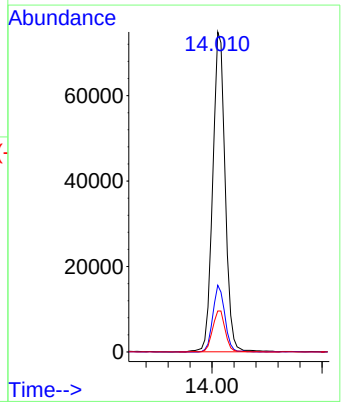
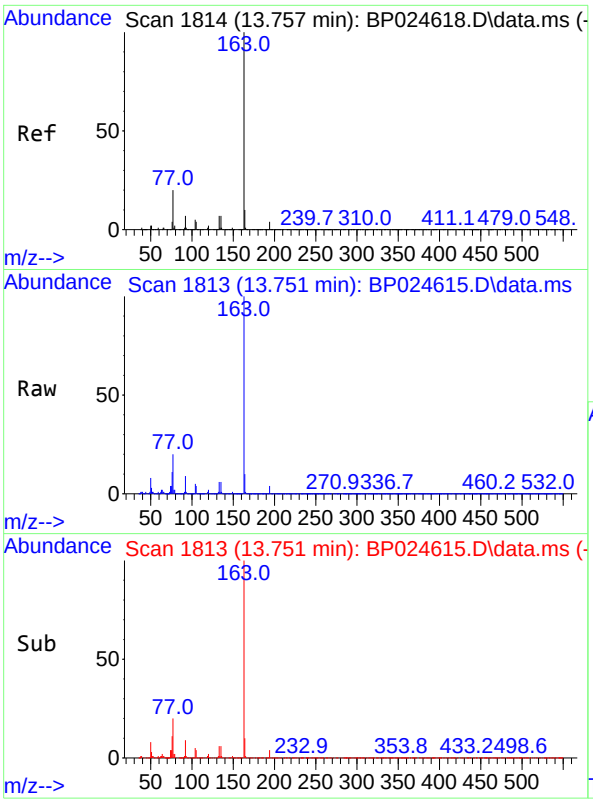


#49
Acenaphthylene
Concen: 4.89 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:152 Resp: 117448

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	12.8	10.2	15.4

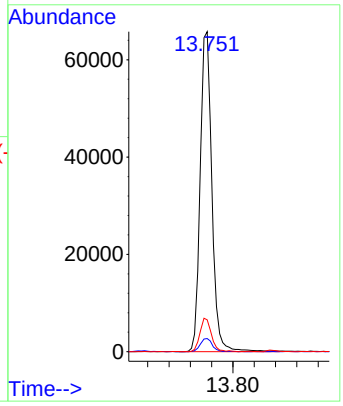




#50
Dimethylphthalate
Concen: 5.15 ng
RT: 13.751 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:163 Resp: 9994

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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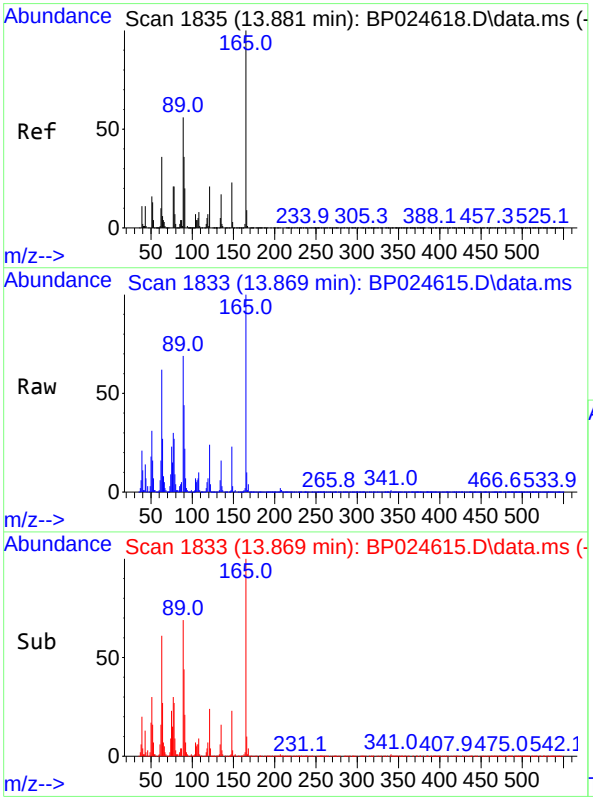
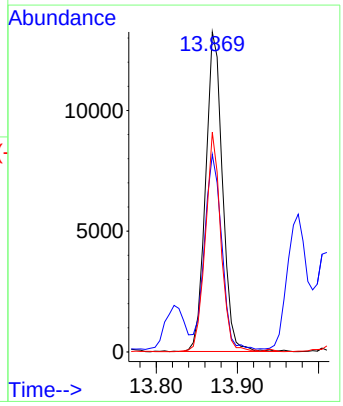
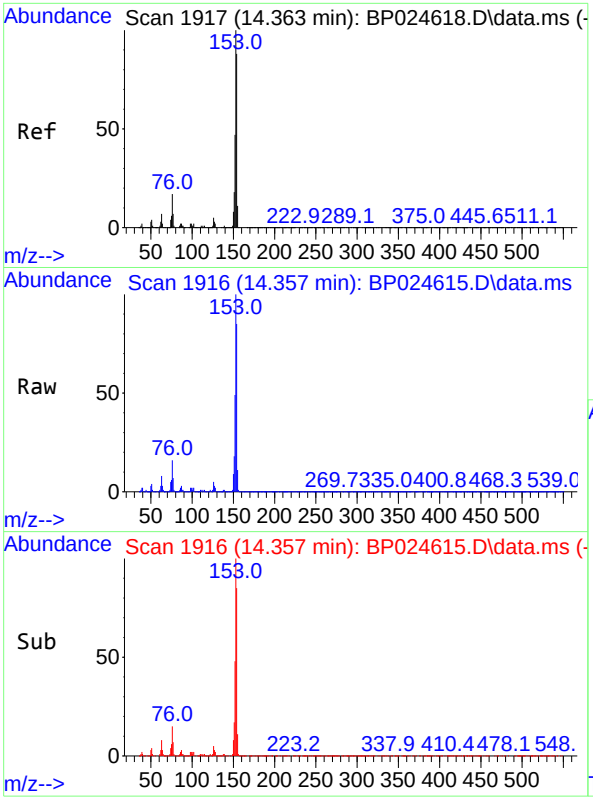


#51
2,6-Dinitrotoluene
Concen: 4.65 ng
RT: 13.869 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 19052

Ion	Ratio	Lower	Upper
165	100		
63	61.7	42.4	63.6
89	68.7	44.8	67.2#

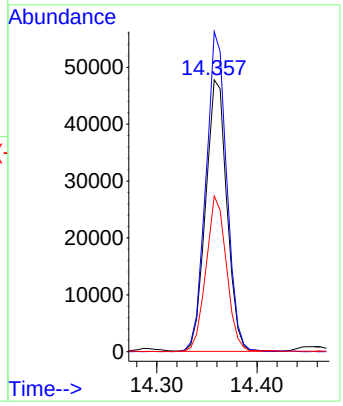




#52
Acenaphthene
Concen: 5.09 ng
RT: 14.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:154 Resp: 7030

Ion	Ratio	Lower	Upper
154	100		
153	117.7	91.0	136.4
152	57.3	42.9	64.3



Instrument :
BNA_P
ClientSampleId :
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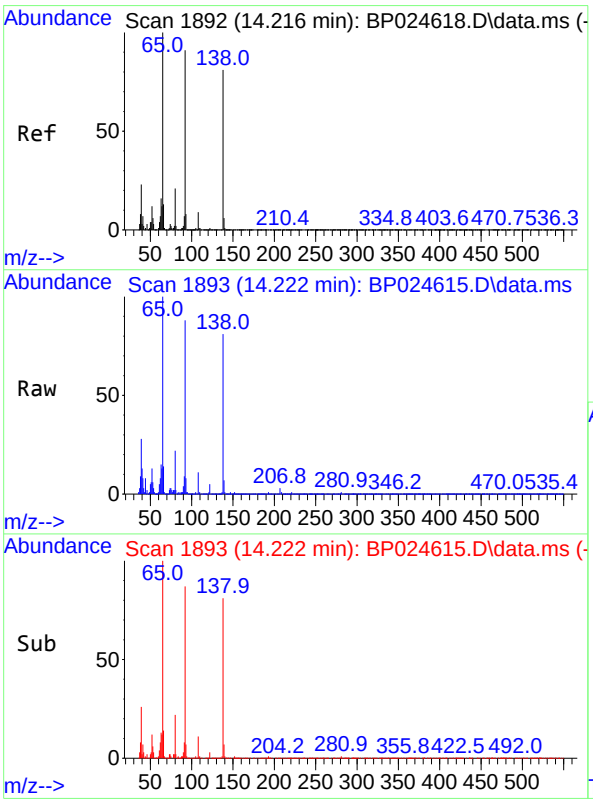
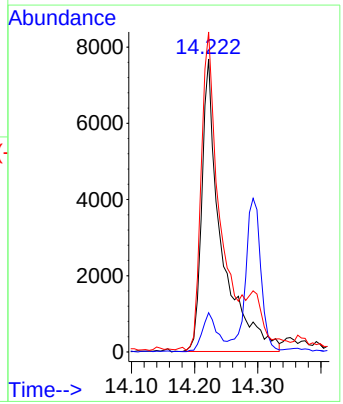
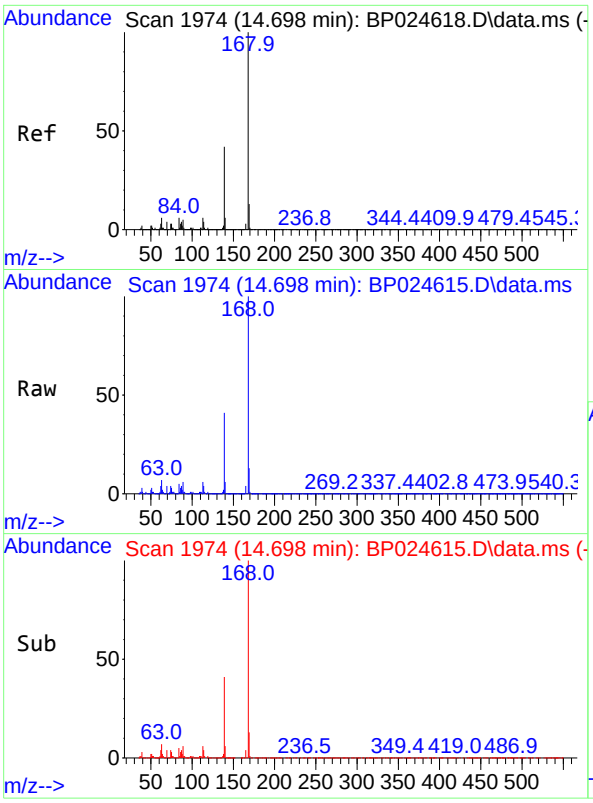


#53
3-Nitroaniline
Concen: 3.92 ng
RT: 14.222 min Scan# 1893
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:138 Resp: 16400

Ion	Ratio	Lower	Upper
138	100		
108	13.4	9.0	13.4
92	109.3	90.1	135.1

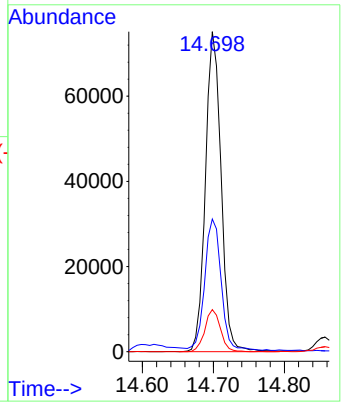




#55
Dibenzofuran
Concen: 5.23 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:168 Resp: 11518

Ion	Ratio	Lower	Upper
168	100		
139	41.5	34.2	51.4
169	13.2	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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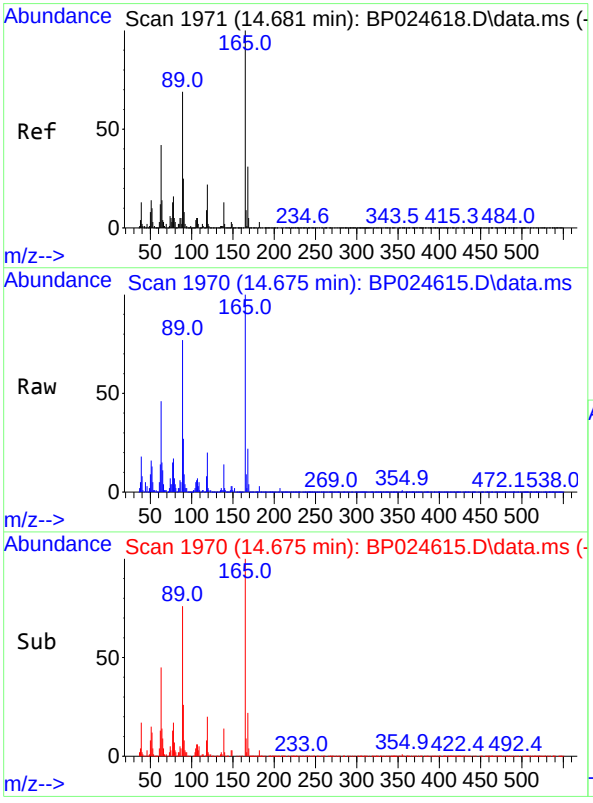
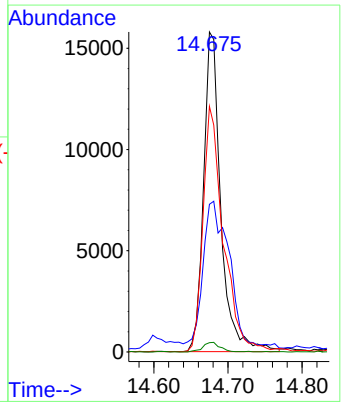
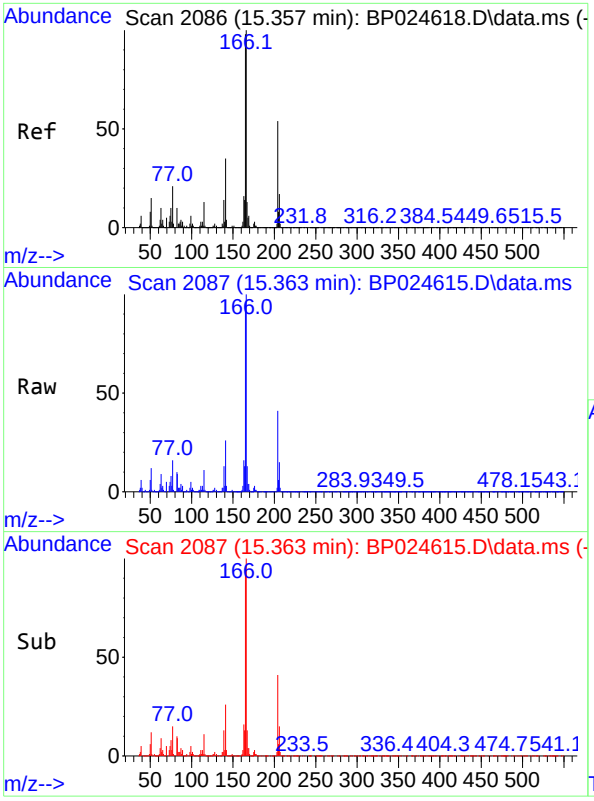


#57
2,4-Dinitrotoluene
Concen: 4.41 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:165 Resp: 25481

Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.8	50.6
89	76.8	55.6	83.4
182	2.9	2.4	3.6

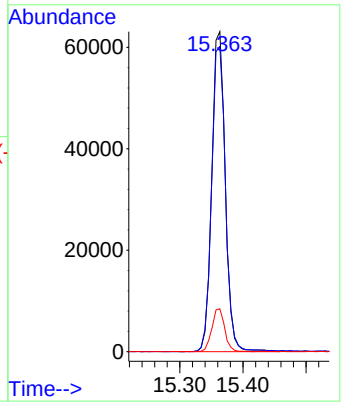




#58
Fluorene
Concen: 5.20 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:166 Resp: 9330

Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.5	117.7
167	13.4	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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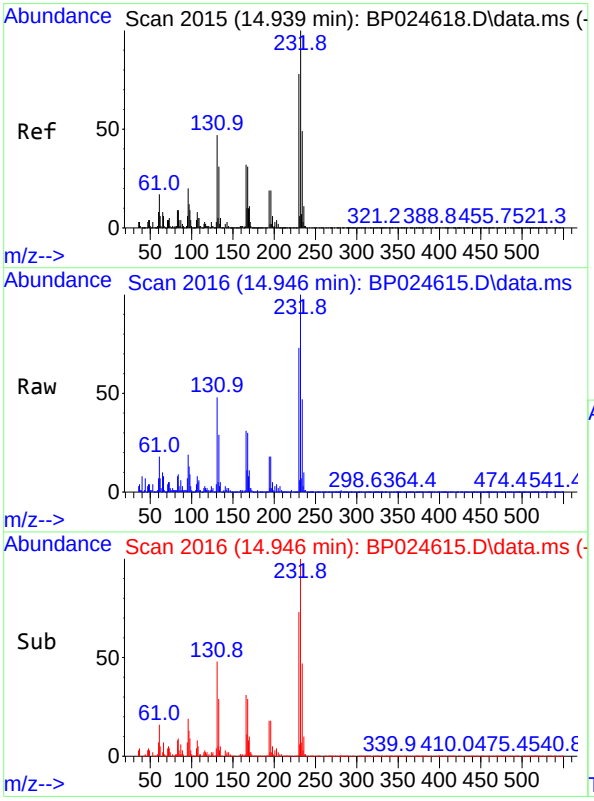
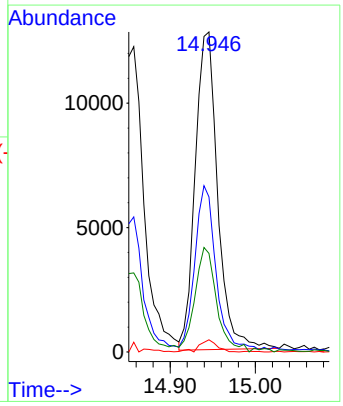
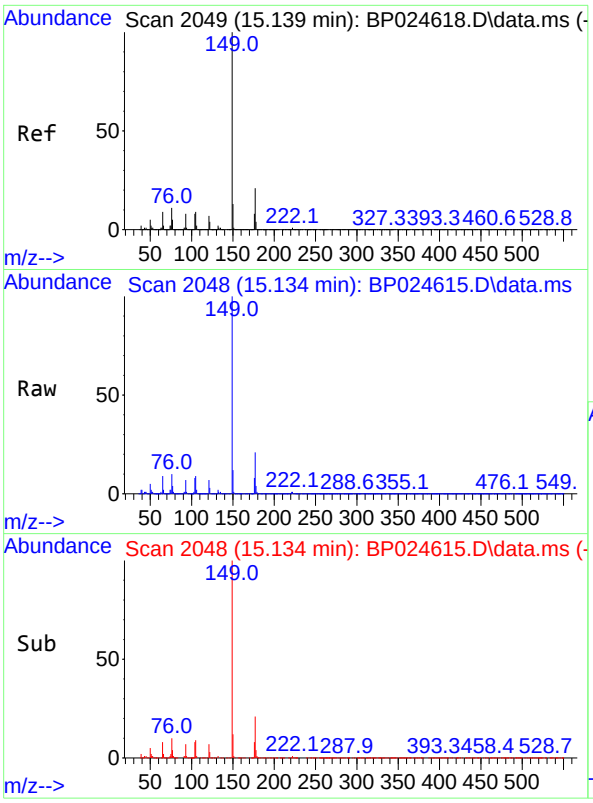


#59
2,3,4,6-Tetrachlorophenol
Concen: 4.73 ng
RT: 14.946 min Scan# 2016
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:232 Resp: 23382

Ion	Ratio	Lower	Upper
232	100		
131	48.6	39.5	59.3
130	3.0	2.2	3.4
166	30.5	25.7	38.5

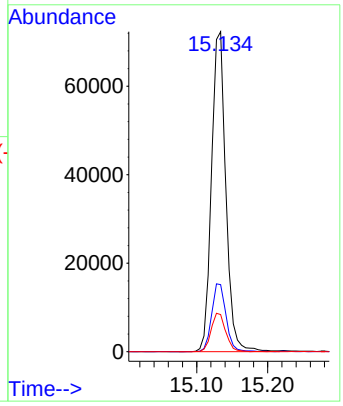




#60
Diethylphthalate
Concen: 5.17 ng
RT: 15.134 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 10136

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	11.6	10.2	15.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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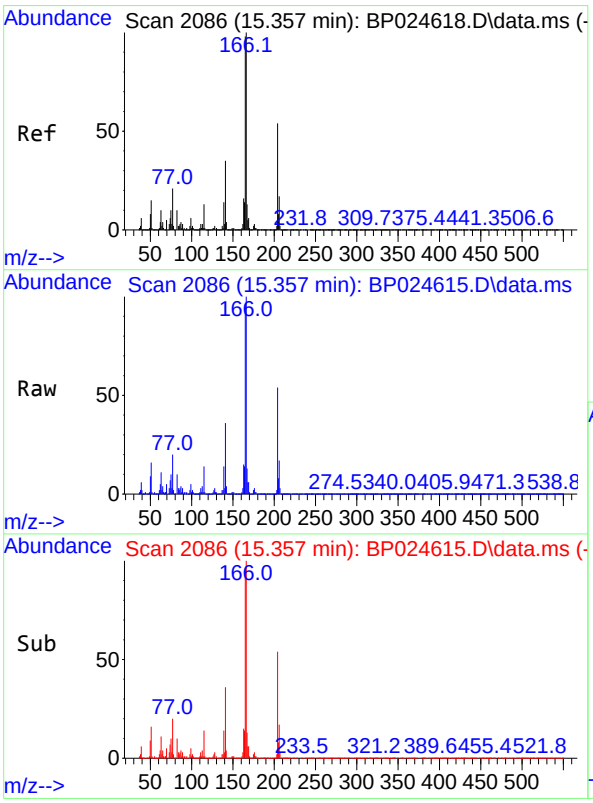
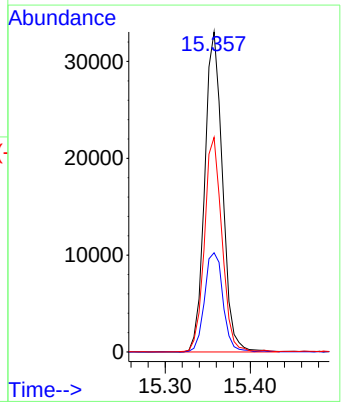
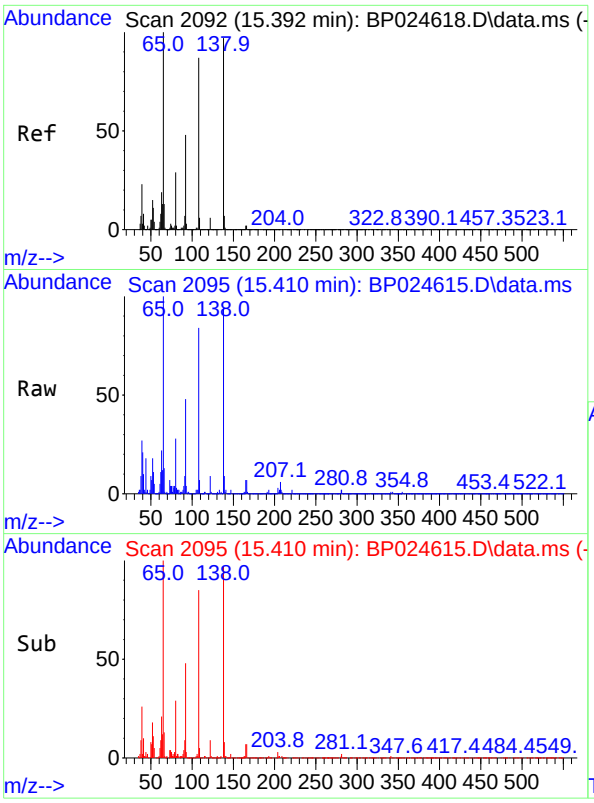


#61
4-Chlorophenyl-phenylether
Concen: 5.35 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:204 Resp: 47886

Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.0	39.0
141	67.1	52.9	79.3

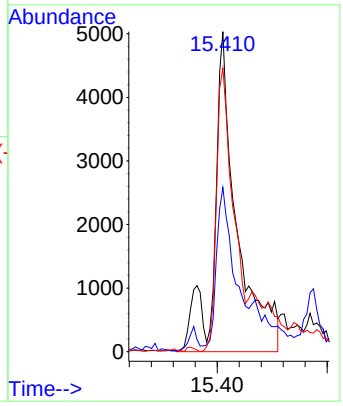




#62
4-Nitroaniline
Concen: 3.55 ng m
RT: 15.410 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:138 Resp: 1448

Ion	Ratio	Lower	Upper
138	100		
92	51.3	29.2	69.2
108	88.5	69.0	109.0



Instrument :
BNA_P
ClientSampleId :
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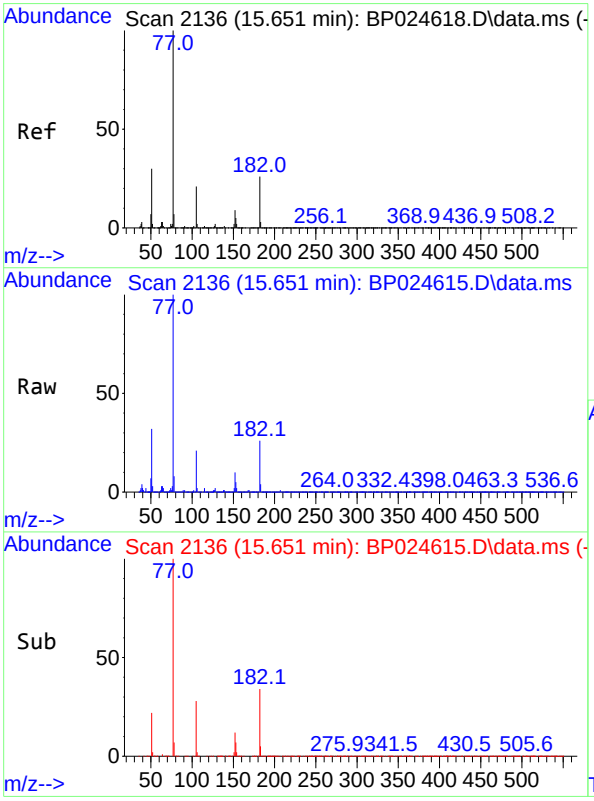
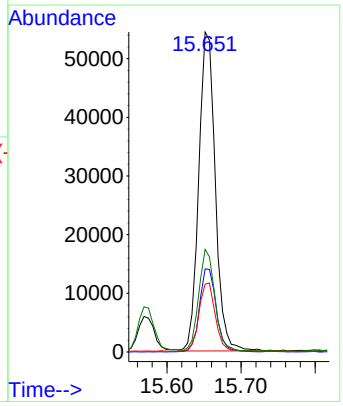
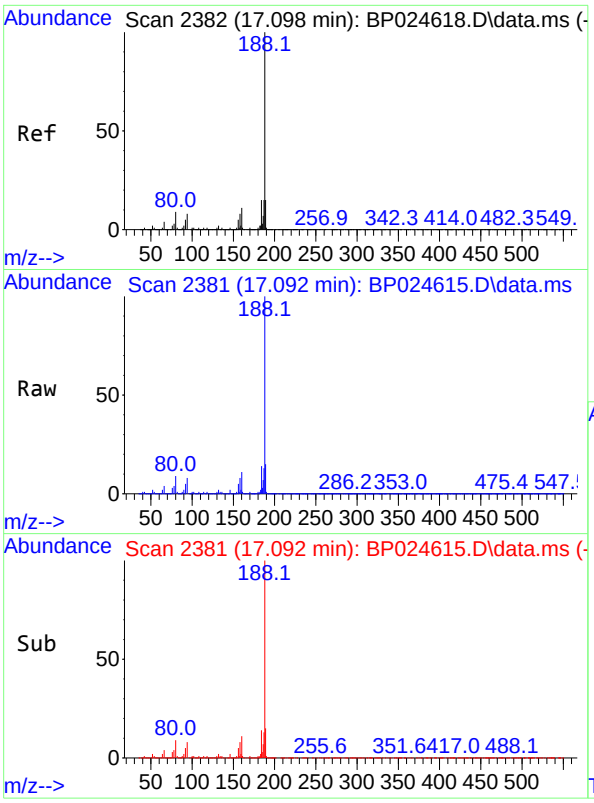


#63
Azobenzene
Concen: 5.03 ng
RT: 15.651 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion: 77 Resp: 84462

Ion	Ratio	Lower	Upper
77	100		
182	26.0	5.7	45.7
105	21.2	1.3	41.3
51	32.1	10.6	50.6

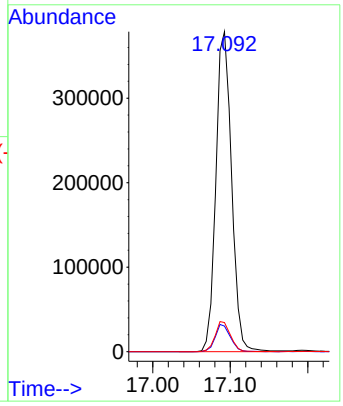




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:188 Resp: 53154

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.1	7.3	10.9



Instrument :
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ClientSampleId :
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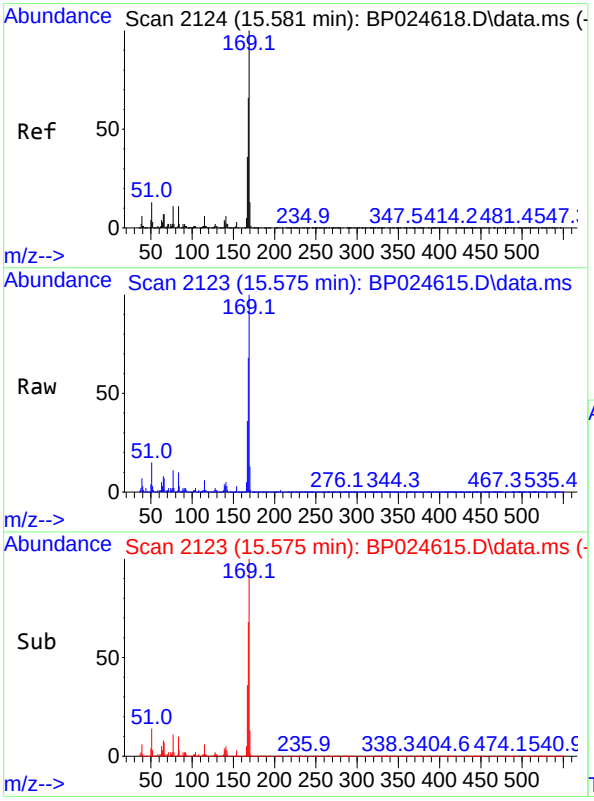
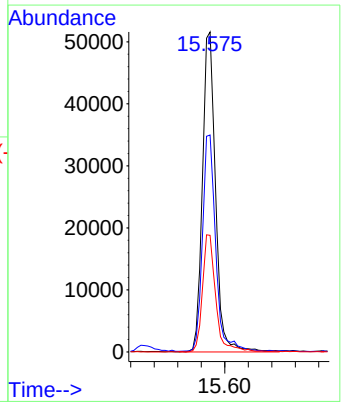
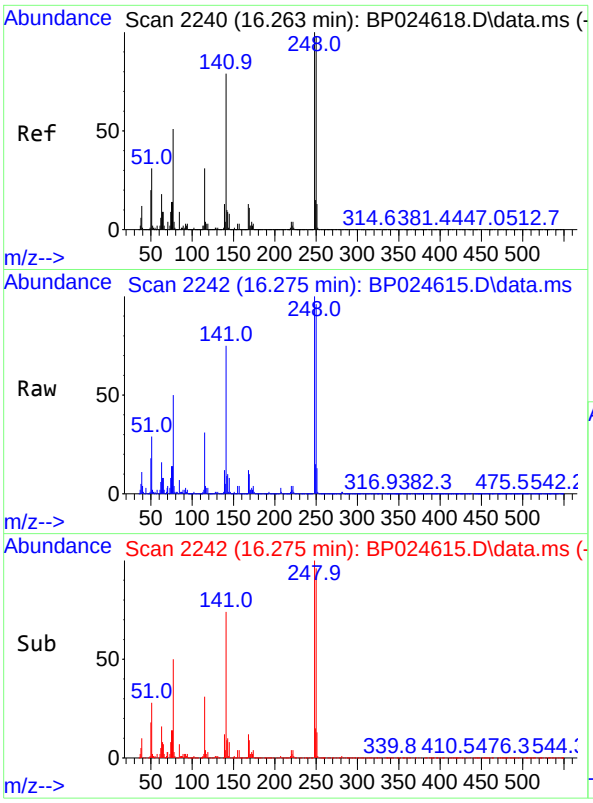


#66
n-Nitrosodiphenylamine
Concen: 4.90 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:169 Resp: 80078

Ion	Ratio	Lower	Upper
169	100		
168	67.8	53.2	79.8
167	36.5	28.6	43.0

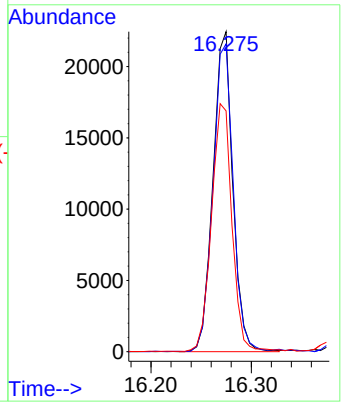




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 16.275 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:248 Resp: 3070

Ion	Ratio	Lower	Upper
248	100		
250	96.2	78.2	117.4
141	75.3	63.0	94.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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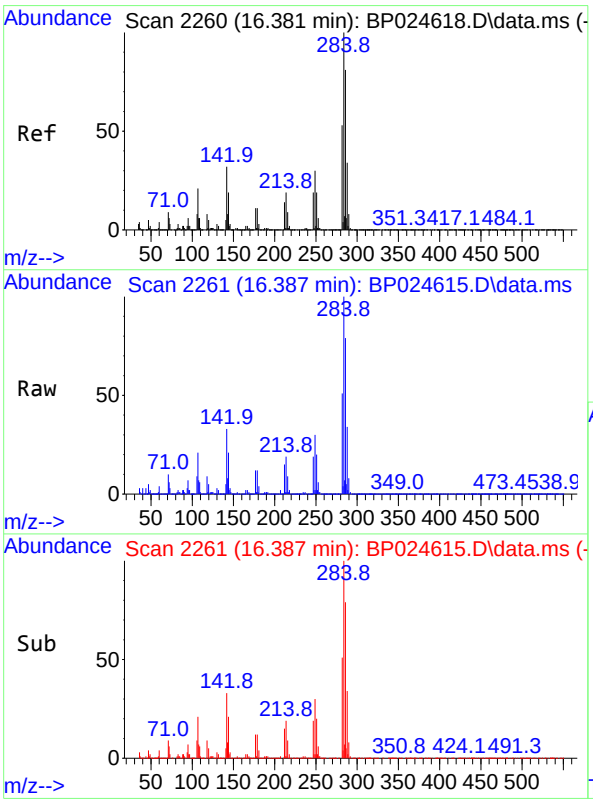
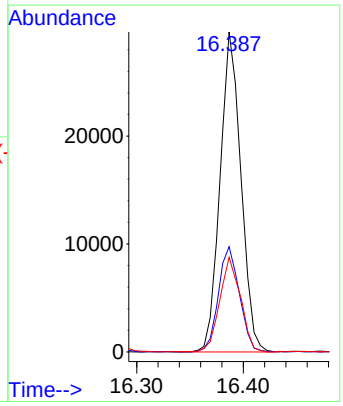
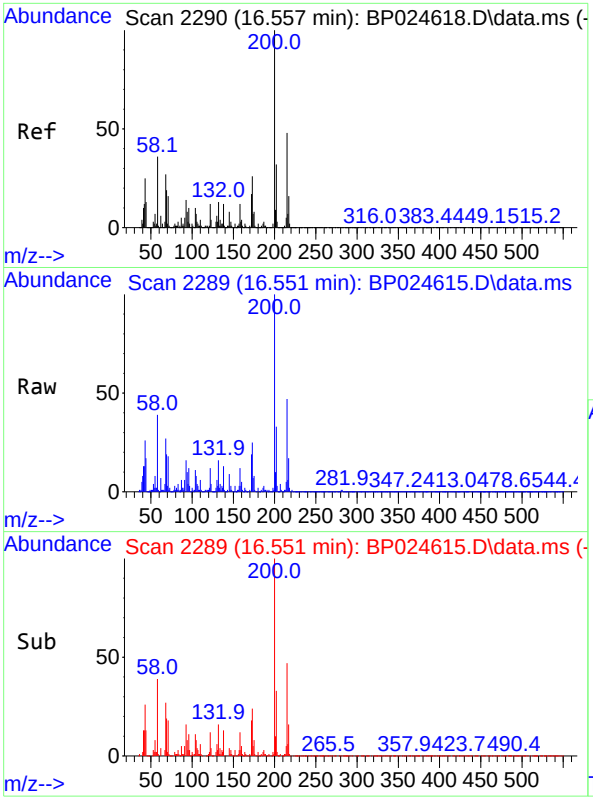


#68
Hexachlorobenzene
Concen: 5.06 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:284 Resp: 40234

Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.9	38.9
249	29.6	24.1	36.1

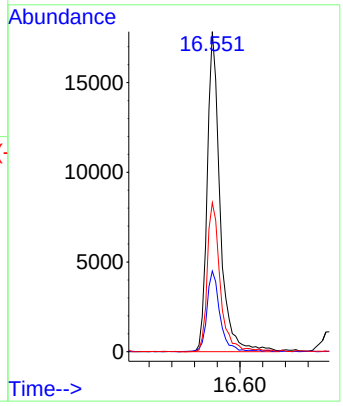




#69
Atrazine
Concen: 4.66 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:200 Resp: 2790

Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.9	45.9
215	46.5	28.3	68.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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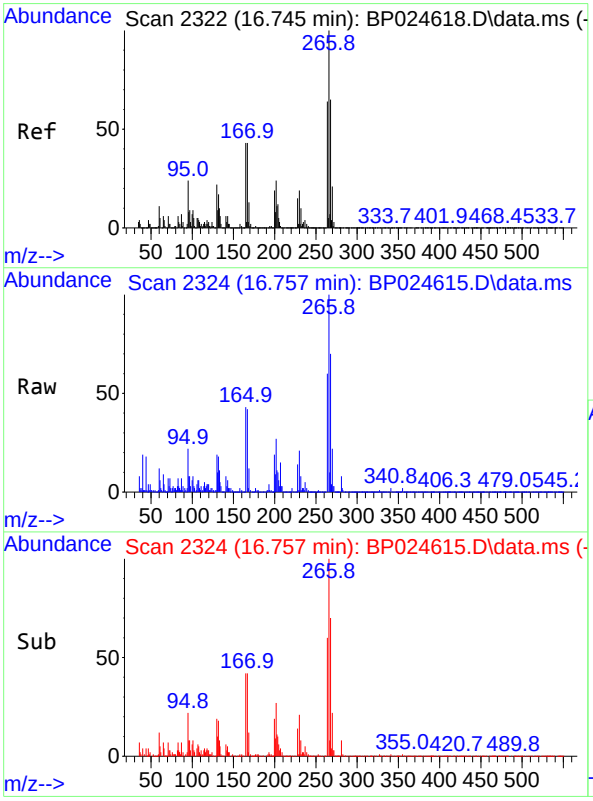
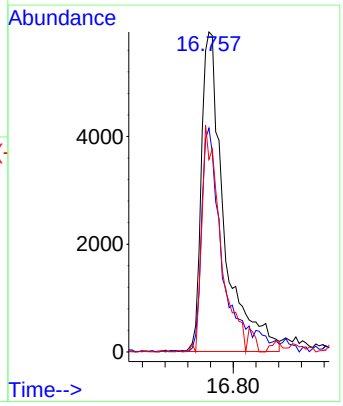
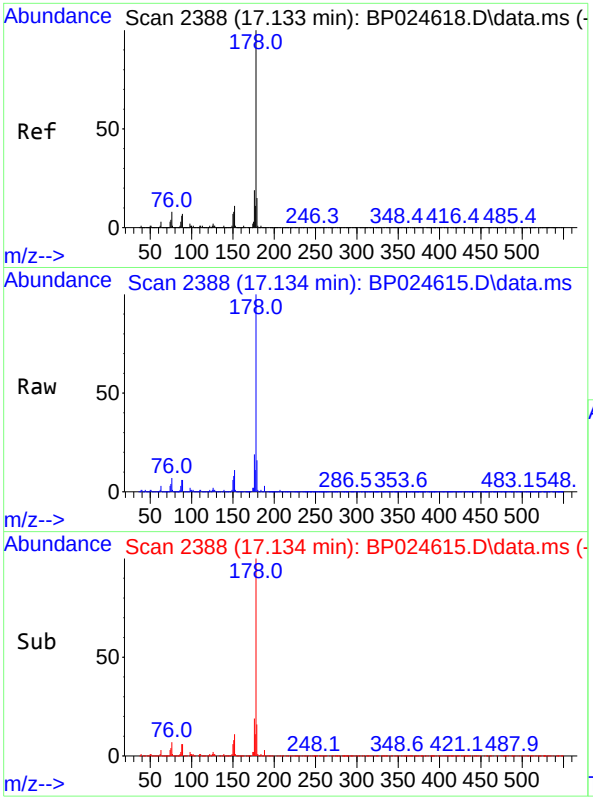


#70
Pentachlorophenol
Concen: 3.68 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:266 Resp: 16456

Ion	Ratio	Lower	Upper
266	100		
268	69.9	52.2	78.4
264	60.1	51.1	76.7

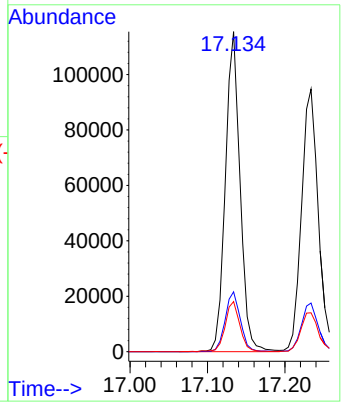




#71
Phenanthrene
Concen: 5.14 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:178 Resp: 15203

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.7	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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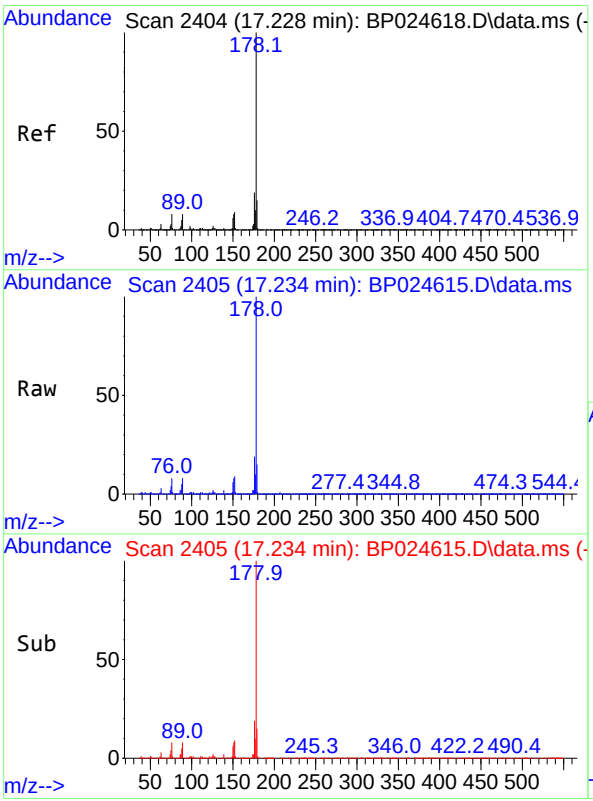
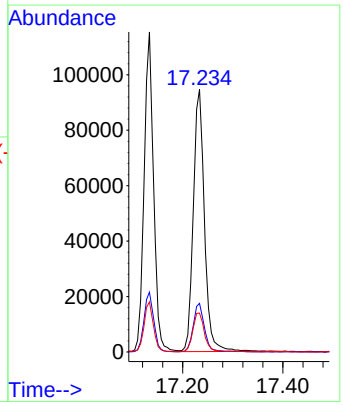
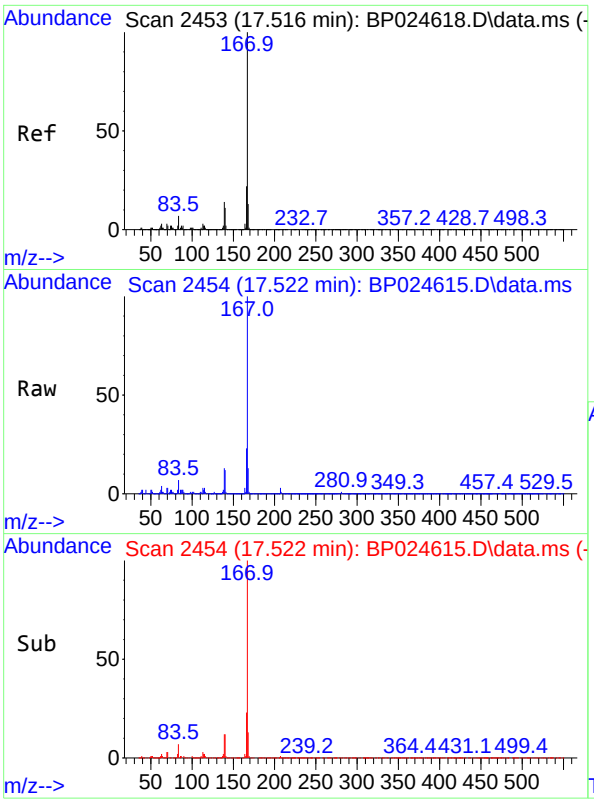


#72
Anthracene
Concen: 4.90 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:178 Resp: 145809

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	14.8	12.2	18.2

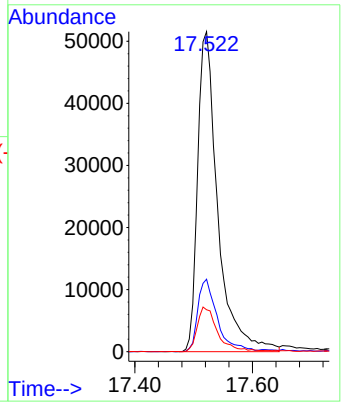




#73
Carbazole
Concen: 4.56 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:167 Resp: 12266

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.7	26.5
139	13.1	11.3	16.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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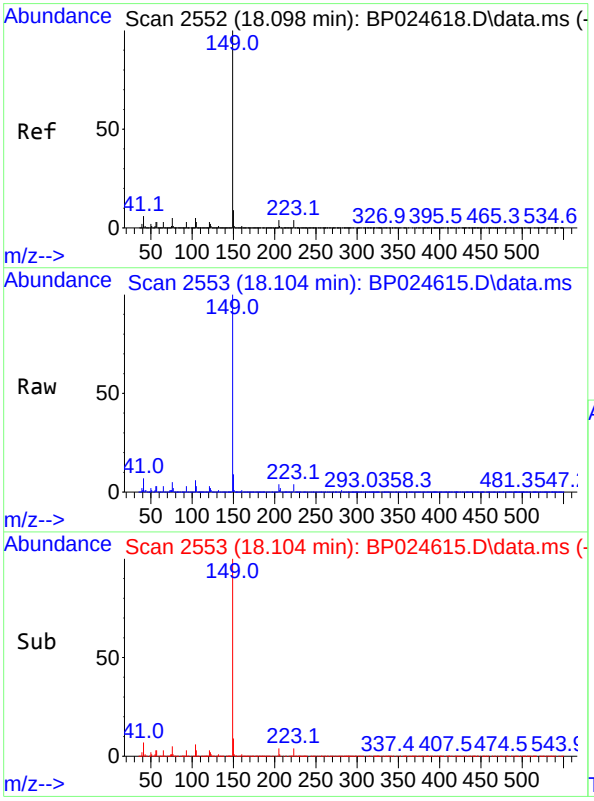
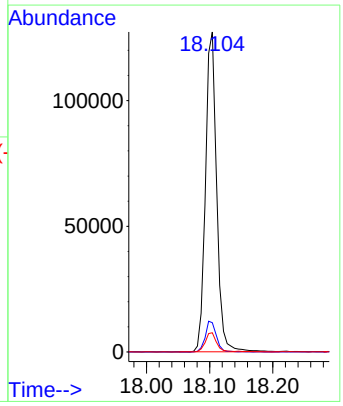
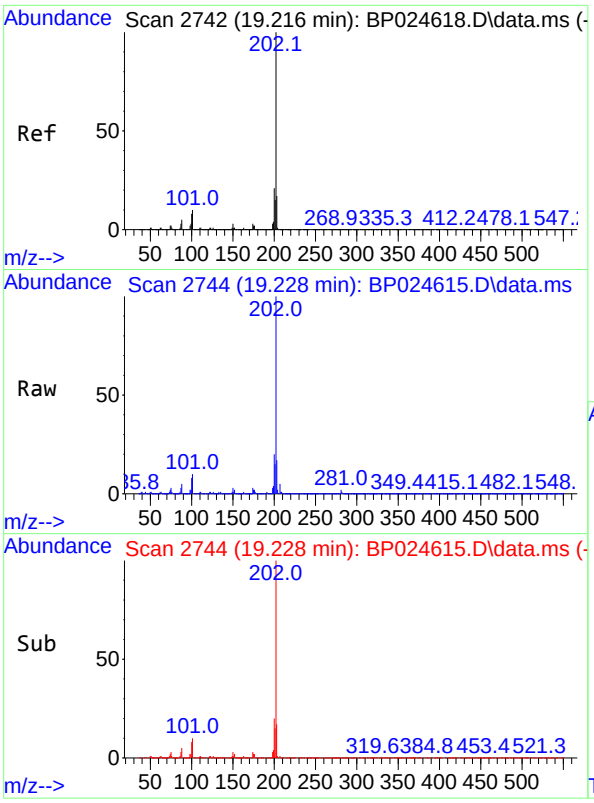


#74
Di-n-butylphthalate
Concen: 4.54 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 157014

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	6.0	4.3	6.5

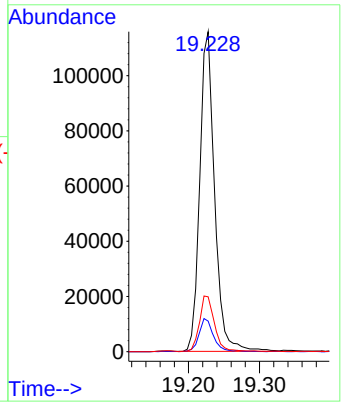




#75
Fluoranthene
Concen: 4.89 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:202 Resp: 16886

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	17.2	0.0	37.5



Instrument :
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ClientSampleId :
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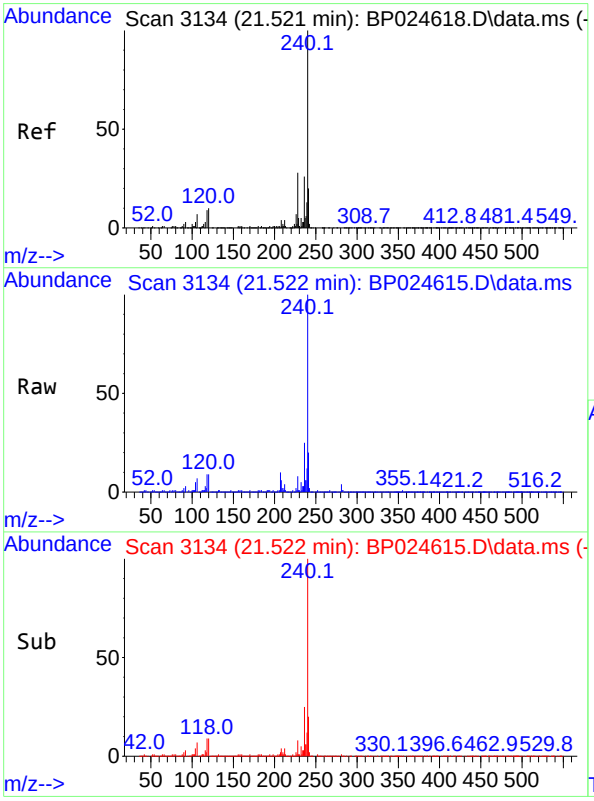
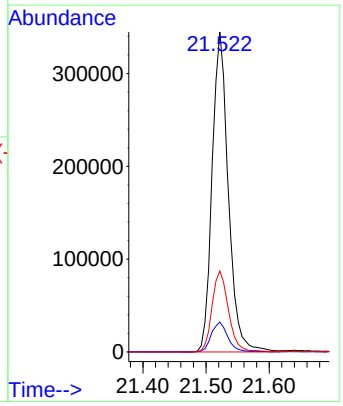
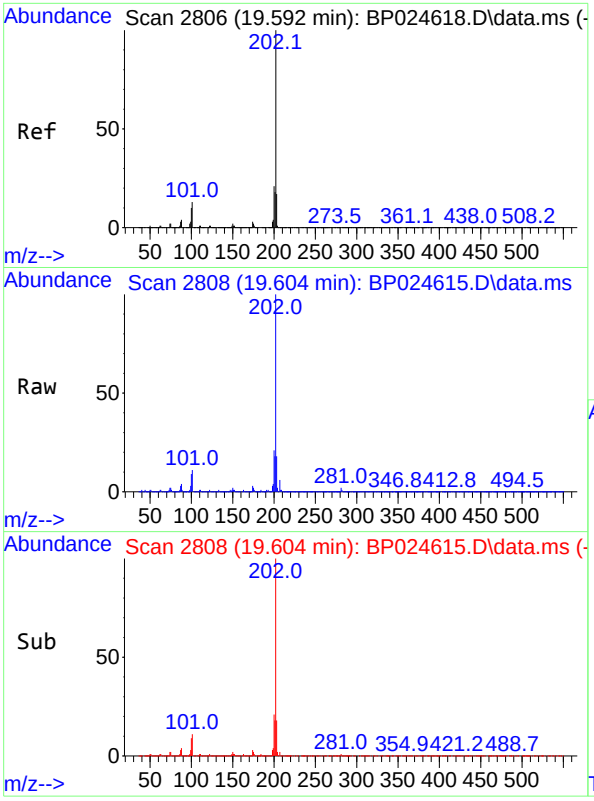


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:240 Resp: 614288

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.8	11.6
236	25.3	20.6	31.0

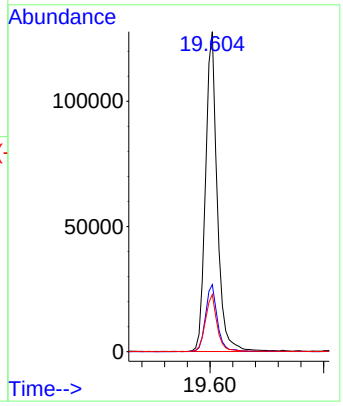




#78
Pyrene
Concen: 4.94 ng
RT: 19.604 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:202 Resp: 18181

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	13.9	20.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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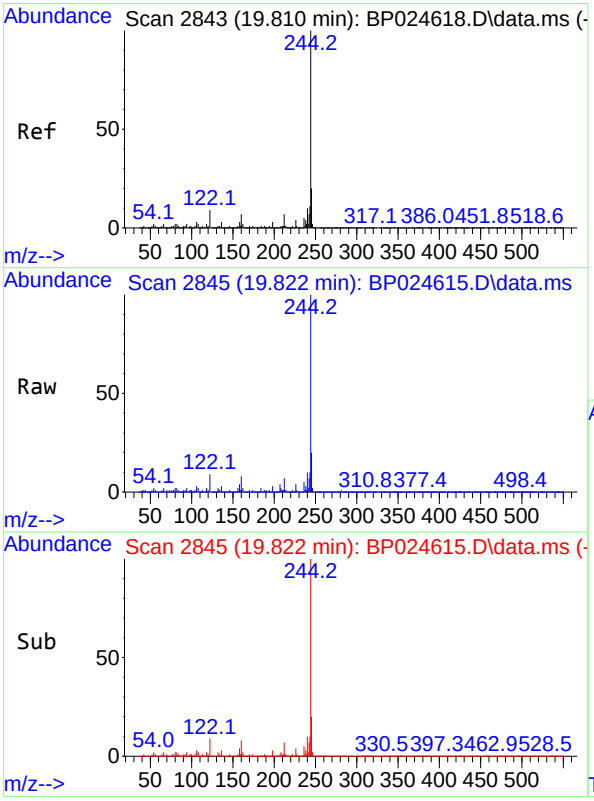
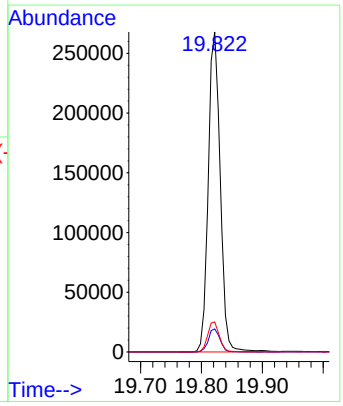
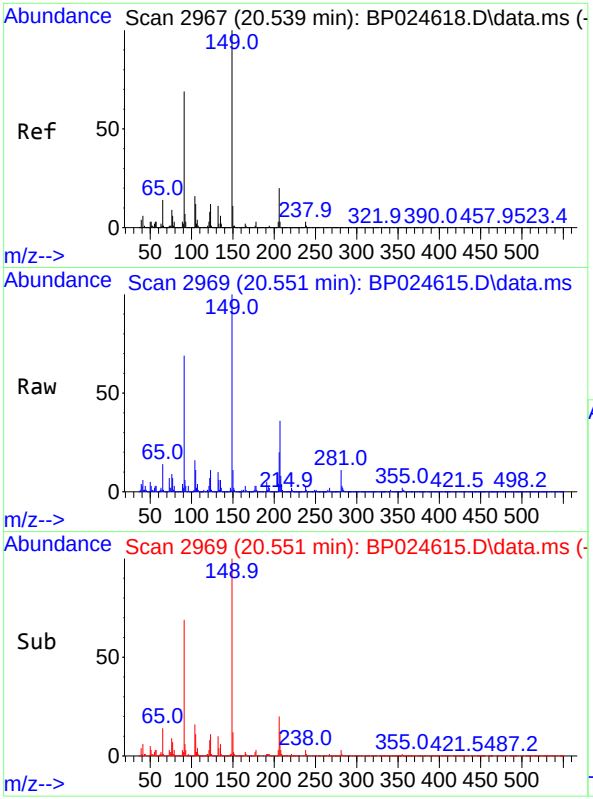


#79
Terphenyl-d14
Concen: 10.22 ng
RT: 19.822 min Scan# 2845
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:244 Resp: 366245

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.4	7.4	11.0

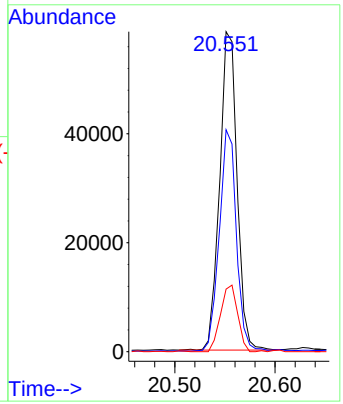




#80
Butylbenzylphthalate
Concen: 4.30 ng
RT: 20.551 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 7034

Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.4	83.0
206	19.5	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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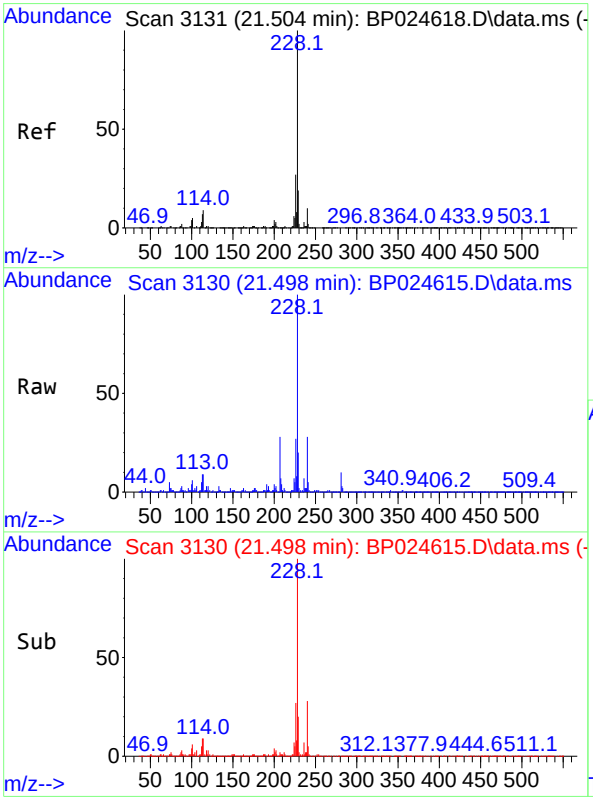
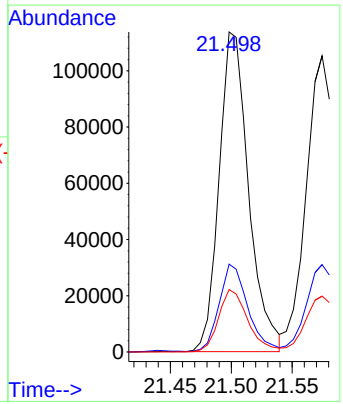
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

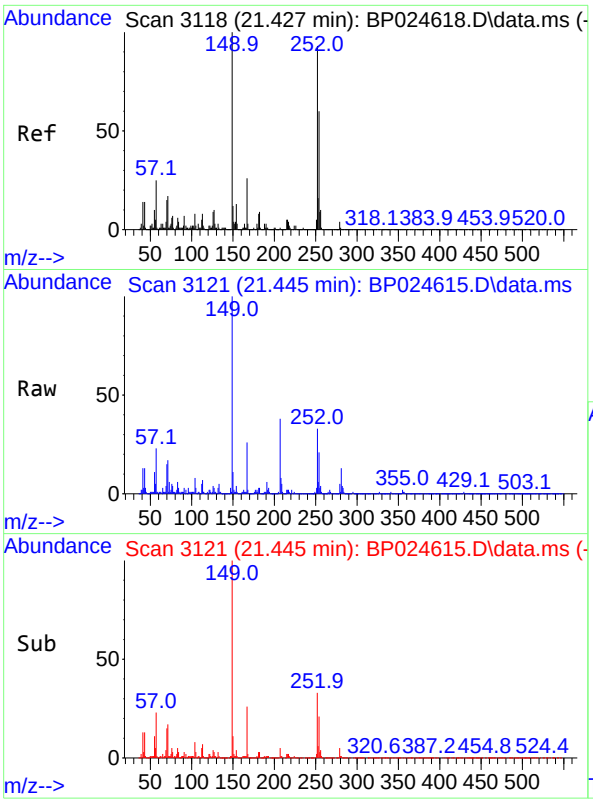


#81
Benzo(a)anthracene
Concen: 4.98 ng
RT: 21.498 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 192110

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.5	15.5	23.3

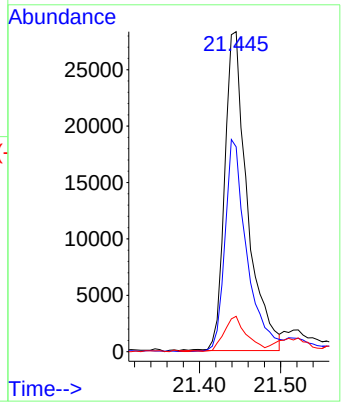




#82
3,3'-Dichlorobenzidine
Concen: 3.82 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 5479

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.8	77.6
126	11.0	7.7	11.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
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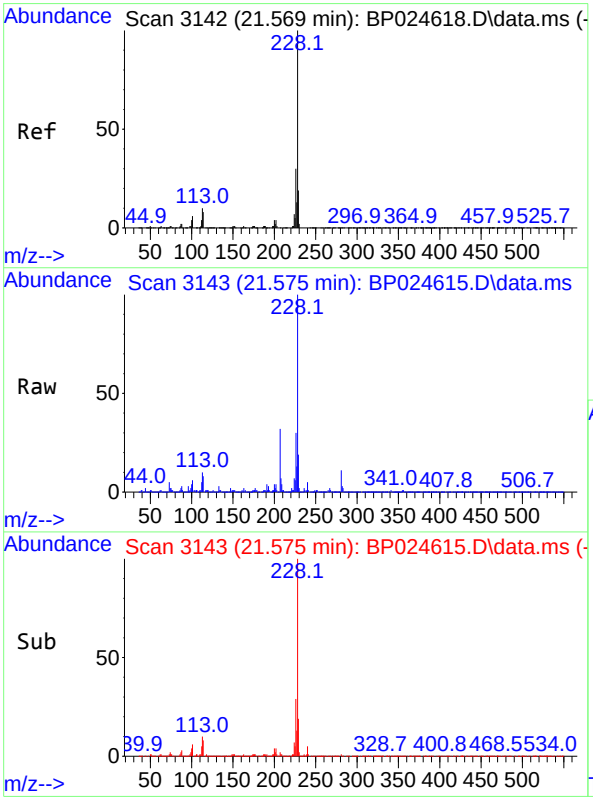
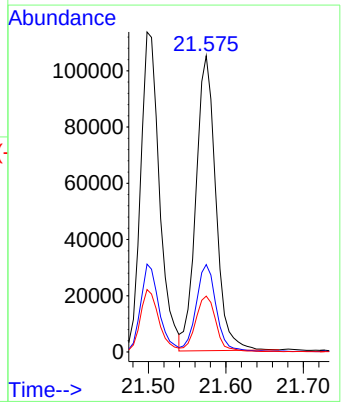
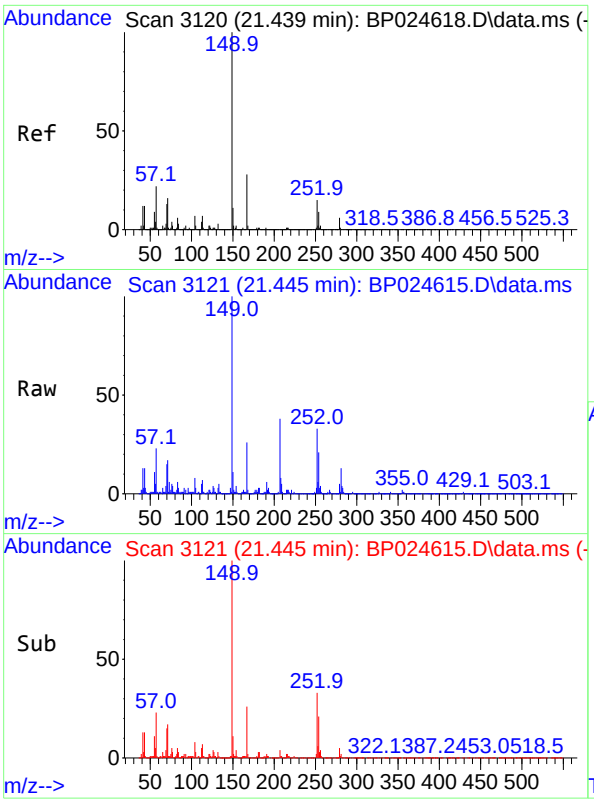


#83
Chrysene
Concen: 5.10 ng
RT: 21.575 min Scan# 3143
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:228 Resp: 186449

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	18.9	15.5	23.3

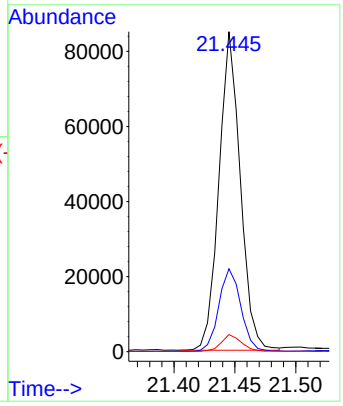




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.29 ng
RT: 21.445 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 10328

Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.1	33.1
279	5.4	4.6	6.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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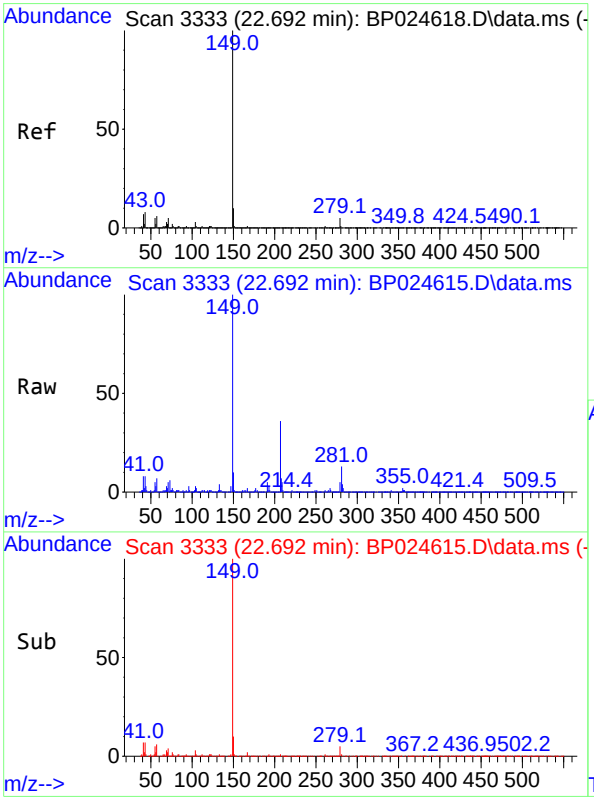
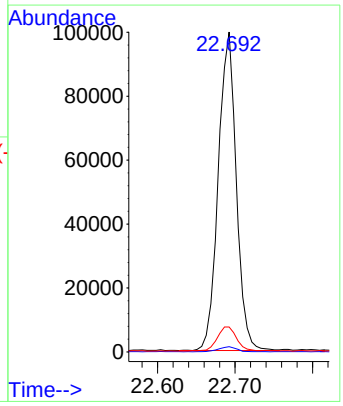
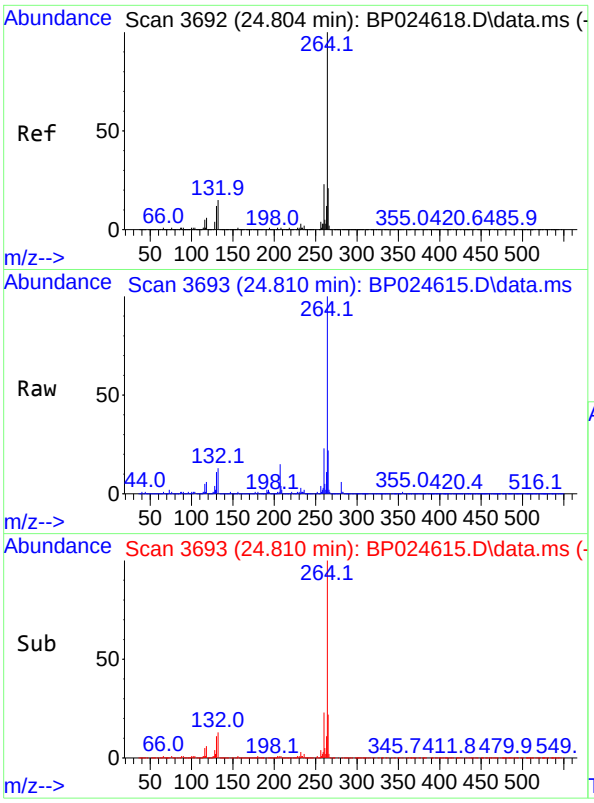


#85
Di-n-octyl phthalate
Concen: 4.09 ng
RT: 22.692 min Scan# 3333
Delta R.T. 0.000 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:149 Resp: 160883

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.2	6.3	9.5

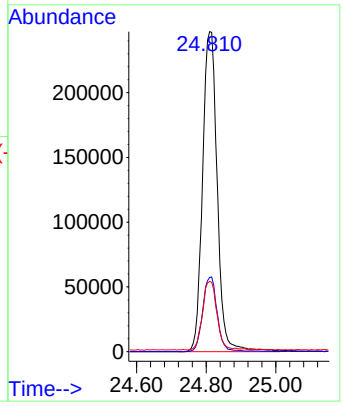




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:264 Resp: 72426

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.0	17.0	25.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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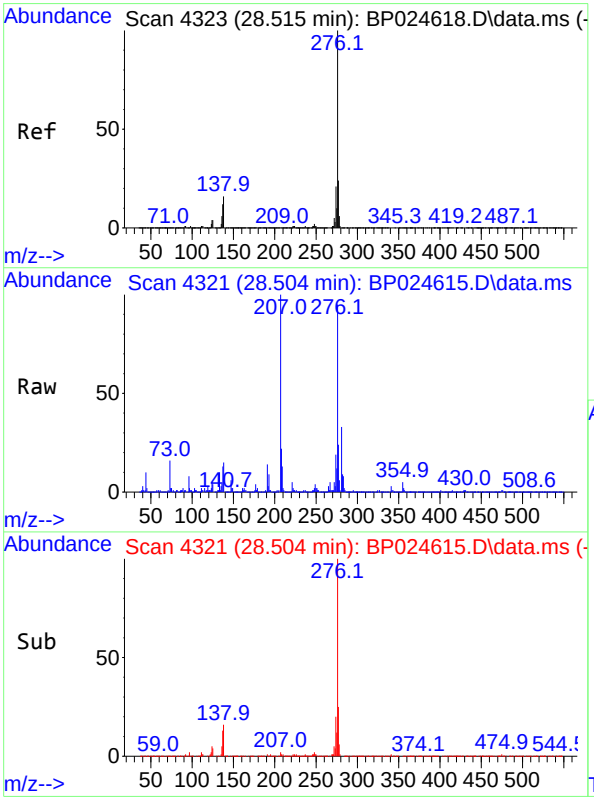
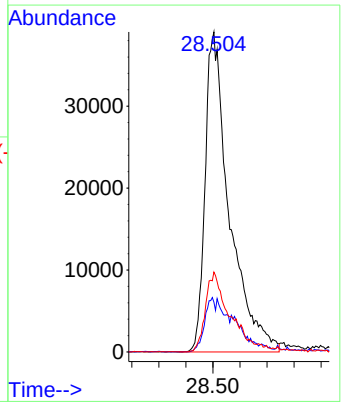
Supervised By :Jagrut Upadhyay 05/14/2025

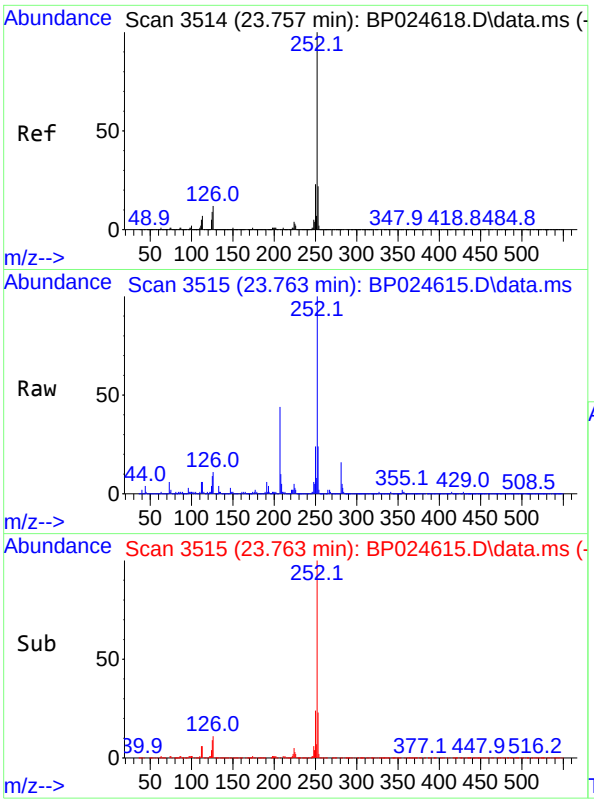


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.59 ng
RT: 28.504 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:276 Resp: 242814

Ion	Ratio	Lower	Upper
276	100		
138	7.4	11.2	16.8#
277	24.4	15.7	23.5#

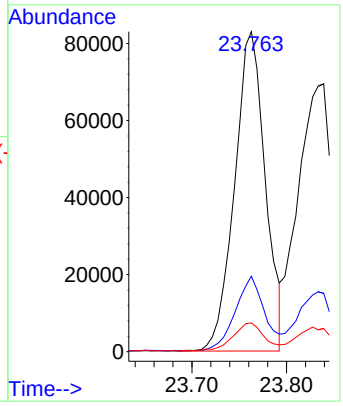




#88
Benzo(b)fluoranthene
Concen: 4.49 ng
RT: 23.763 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 18605

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.0	7.5	11.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

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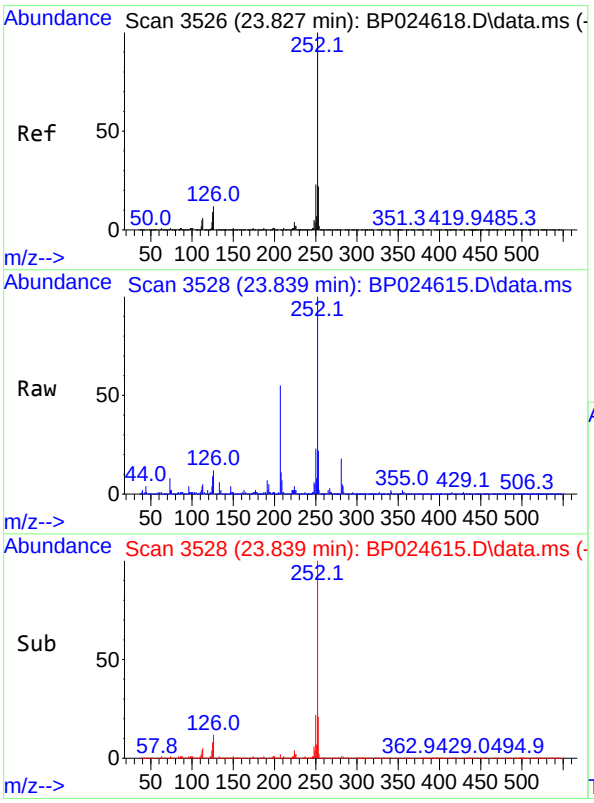
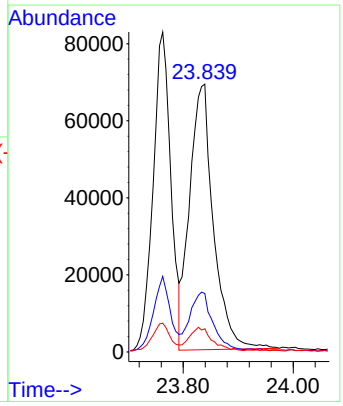
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

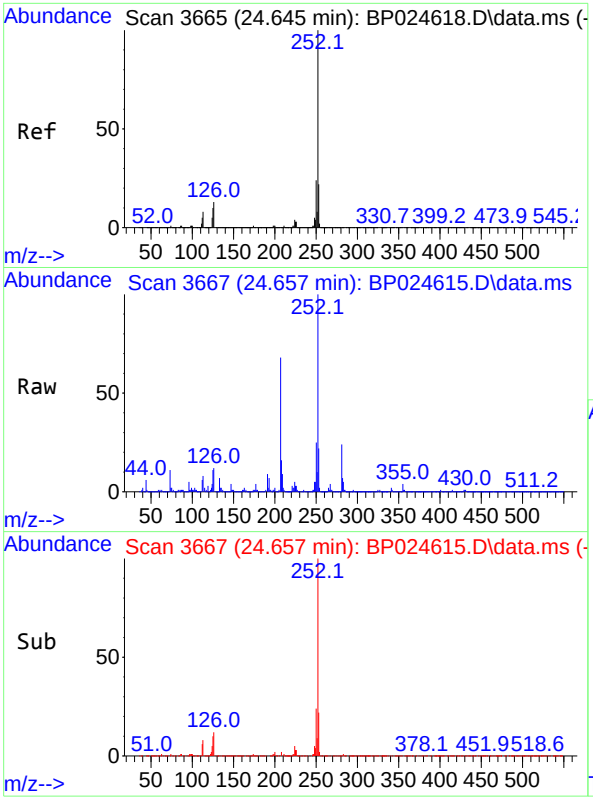


#89
Benzo(k)fluoranthene
Concen: 4.86 ng
RT: 23.839 min Scan# 3528
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 207645

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.7	7.0	10.4

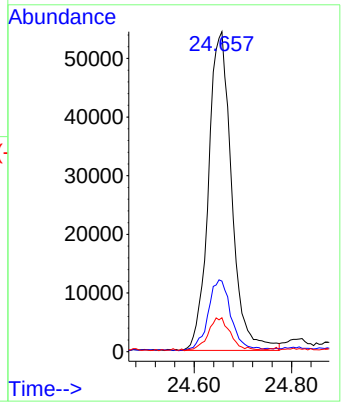




#90
Benzo(a)pyrene
Concen: 4.52 ng
RT: 24.657 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:252 Resp: 18015

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.6	8.1	12.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

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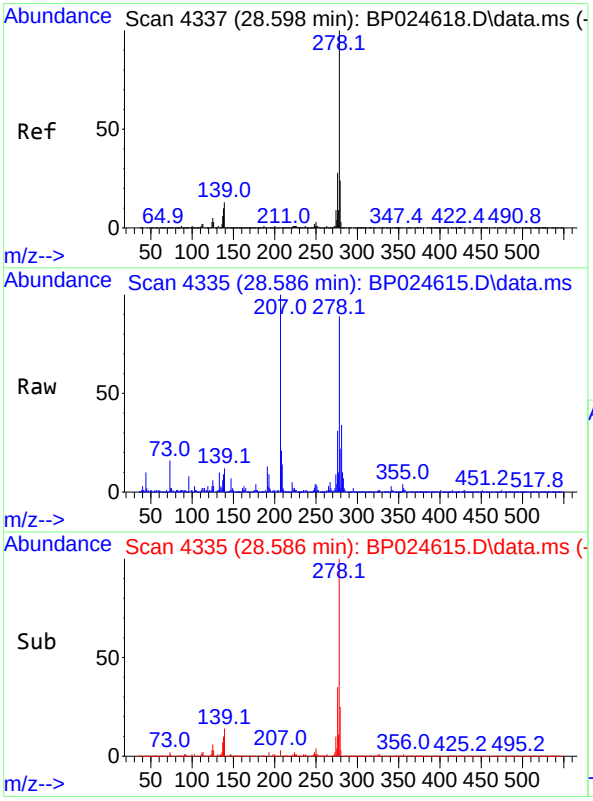
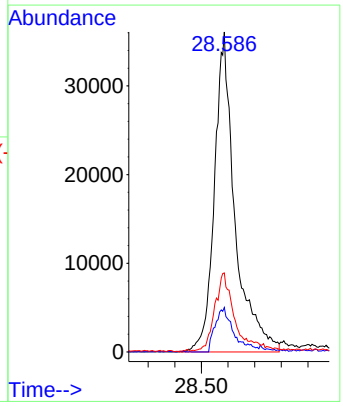
Supervised By :Jagrut Upadhyay 05/14/2025

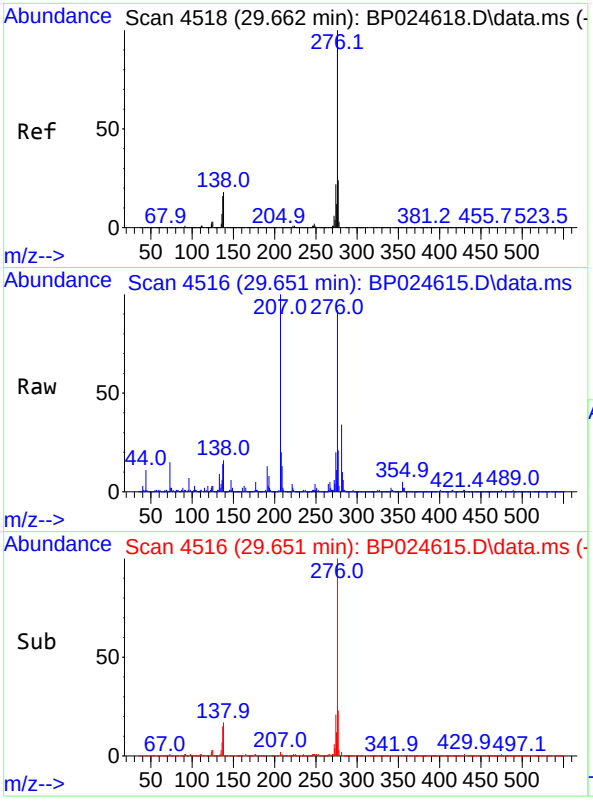


#91
Dibenzo(a,h)anthracene
Concen: 4.50 ng
RT: 28.586 min Scan# 4335
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:278 Resp: 193373

Ion	Ratio	Lower	Upper
278	100		
139	13.9	10.2	15.4
279	24.7	19.0	28.4

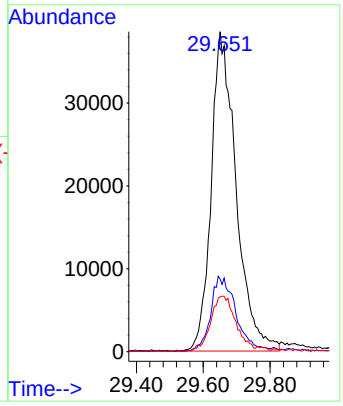




#92
Benzo(g,h,i)perylene
Concen: 4.66 ng
RT: 29.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024615.D
Acq: 13 May 2025 11:22

Tgt Ion:276 Resp: 19936

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	17.2	14.4	21.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	94972	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	398657	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	268335	20.00	ng		-0.01
64) Phenanthrene-d10	17.098	188	556673	20.00	ng		0.00
76) Chrysene-d12	21.516	240	659092	20.00	ng		0.00
86) Perylene-d12	24.798	264	780142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	104115	18.75	ng		0.00
7) Phenol-d6	6.858	99	127652	18.01	ng		0.00
23) Nitrobenzene-d5	8.810	82	149876	19.00	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	86099	18.93	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	401986	19.63	ng		0.00
79) Terphenyl-d14	19.822	244	733687	19.09	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	26472	10.15	ng		99
3) Pyridine	3.634	79	53915	9.33	ng		98
4) n-Nitrosodimethylamine	3.540	42	24093	9.44	ng	#	96
6) Aniline	7.005	93	80863	8.84	ng		99
8) 2-Chlorophenol	7.240	128	57182	9.07	ng		99
9) Benzaldehyde	6.822	77	47848m	10.45	ng		
10) Phenol	6.881	94	66520	9.09	ng		96
11) bis(2-Chloroethyl)ether	7.093	93	55575	9.25	ng		99
12) 1,3-Dichlorobenzene	7.557	146	70590	9.73	ng		100
13) 1,4-Dichlorobenzene	7.699	146	71467	9.80	ng		99
14) 1,2-Dichlorobenzene	8.010	146	69643	9.80	ng		96
15) Benzyl Alcohol	7.916	79	45094	8.37	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	68599	9.53	ng		98
17) 2-Methylphenol	8.116	107	45071	8.59	ng		96
18) Hexachloroethane	8.728	117	28078	10.05	ng		96
19) n-Nitroso-di-n-propyla...	8.463	70	45927	9.37	ng		96
20) 3+4-Methylphenols	8.446	107	61832	8.66	ng		95
22) Acetophenone	8.481	105	95803	9.62	ng	#	99
24) Nitrobenzene	8.857	77	67735	9.76	ng		98
25) Isophorone	9.375	82	127474	9.31	ng		99
26) 2-Nitrophenol	9.563	139	28470	8.37	ng		94
27) 2,4-Dimethylphenol	9.628	122	55664	9.28	ng		98
28) bis(2-Chloroethoxy)met...	9.851	93	78019	9.54	ng		97
29) 2,4-Dichlorophenol	10.110	162	51386	8.84	ng		98
30) 1,2,4-Trichlorobenzene	10.304	180	64245	9.81	ng		96
31) Naphthalene	10.481	128	204468	9.90	ng		99
32) Benzoic acid	9.746	122	17770m	10.42	ng		
33) 4-Chloroaniline	10.610	127	73990	8.88	ng		99
34) Hexachlorobutadiene	10.769	225	42567	10.03	ng		97
35) Caprolactam	11.381	113	18245m	8.68	ng		
36) 4-Chloro-3-methylphenol	11.746	107	64857	9.15	ng		98
37) 2-Methylnaphthalene	12.098	142	130412	9.75	ng		100
38) 1-Methylnaphthalene	12.316	142	139573	9.75	ng		100
40) 1,2,4,5-Tetrachloroben...	12.475	216	74824	9.60	ng		100
41) Hexachlorocyclopentadiene	12.451	237	37072	7.85	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	45798	9.07	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	50348	8.96	ng		94
46) 1,1'-Biphenyl	13.122	154	192445	9.70	ng		100
47) 2-Chloronaphthalene	13.163	162	148443	9.82	ng		99
48) 2-Nitroaniline	13.375	65	40786	9.11	ng		93
49) Acenaphthylene	14.010	152	243913	9.64	ng		98
50) Dimethylphthalate	13.751	163	204825	10.01	ng		99
51) 2,6-Dinitrotoluene	13.869	165	41257	9.55	ng		92
52) Acenaphthene	14.357	154	141360	9.72	ng		99
53) 3-Nitroaniline	14.216	138	36906	8.37	ng		99
54) 2,4-Dinitrophenol	14.439	184	13128	10.84	ng		95
55) Dibenzofuran	14.704	168	230286	9.92	ng		99
56) 4-Nitrophenol	14.575	139	21349	9.53	ng		93
57) 2,4-Dinitrotoluene	14.675	165	56617	9.30	ng		94
58) Fluorene	15.357	166	189781	10.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	48821	9.37	ng		99
60) Diethylphthalate	15.134	149	206886	10.01	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	93517	9.91	ng		97
62) 4-Nitroaniline	15.404	138	34813m	8.11	ng		
63) Azobenzene	15.657	77	174322	9.86	ng		98
65) 4,6-Dinitro-2-methylph...	15.457	198	26174	7.28	ng		96
66) n-Nitrosodiphenylamine	15.575	169	164008	9.59	ng		99
67) 4-Bromophenyl-phenylether	16.269	248	62011	9.45	ng		97
68) Hexachlorobenzene	16.392	284	80088	9.61	ng		98
69) Atrazine	16.551	200	58245	9.30	ng		99
70) Pentachlorophenol	16.757	266	38095m	8.14	ng		
71) Phenanthrene	17.139	178	301863	9.75	ng		100
72) Anthracene	17.239	178	296146	9.51	ng		100
73) Carbazole	17.522	167	262687	9.32	ng		100
74) Di-n-butylphthalate	18.116	149	338893	9.35	ng		100
75) Fluoranthene	19.227	202	349083	9.65	ng		99
77) Benzidine	19.445	184	119229m	6.59	ng		
78) Pyrene	19.604	202	374573	9.48	ng		100
80) Butylbenzylphthalate	20.551	149	153275	8.73	ng		99
81) Benzo(a)anthracene	21.498	228	401322	9.70	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	129324	8.41	ng		99
83) Chrysene	21.569	228	388846	9.91	ng		98
84) Bis(2-ethylhexyl)phtha...	21.439	149	225047	8.72	ng		100
85) Di-n-octyl phthalate	22.680	149	367934	8.72	ng		100
87) Indeno(1,2,3-cd)pyrene	28.503	276	529260	9.29	ng	#	92
88) Benzo(b)fluoranthene	23.751	252	417343	9.35	ng		99
89) Benzo(k)fluoranthene	23.821	252	431575	9.38	ng		99
90) Benzo(a)pyrene	24.627	252	390288	9.10	ng		100
91) Dibenzo(a,h)anthracene	28.574	278	415768	8.97	ng		99
92) Benzo(g,h,i)perylene	29.650	276	431559	9.37	ng		97

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

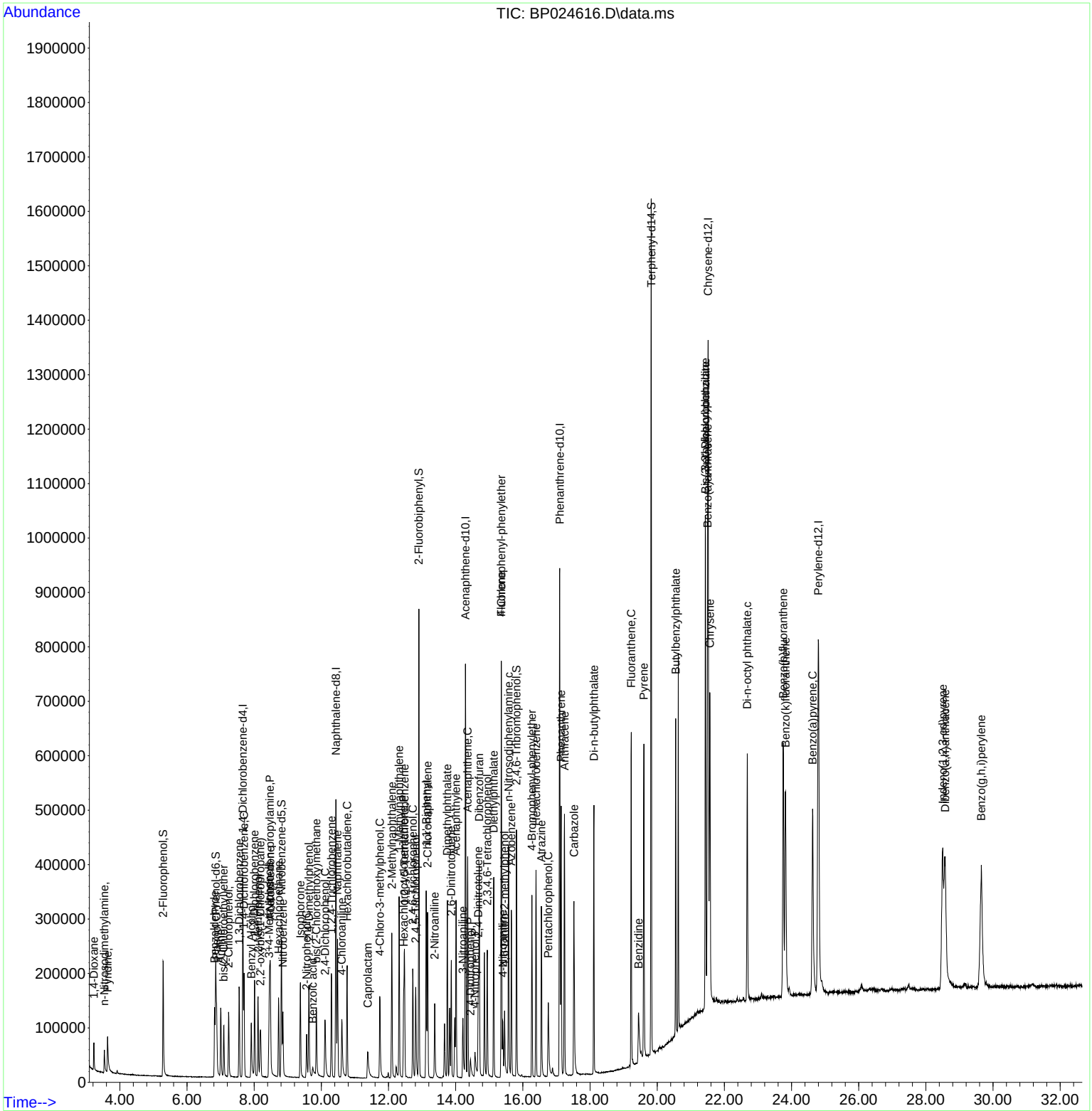
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024616.D
Acq On : 13 May 2025 12:03
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

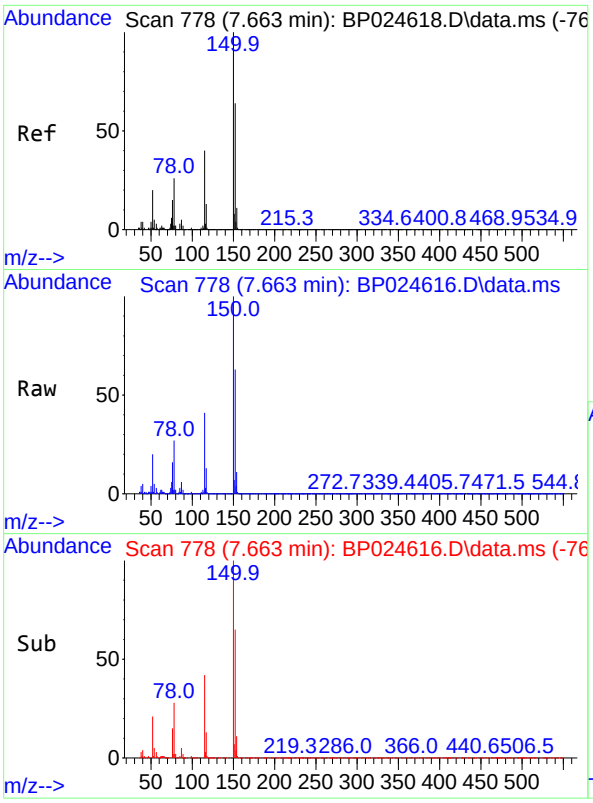
Quant Time: May 13 16:04:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

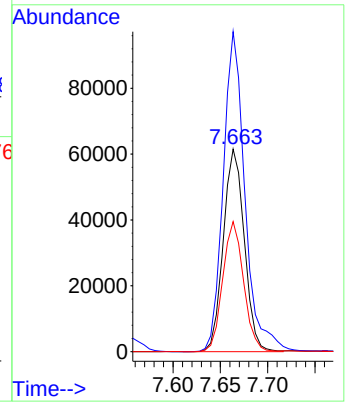




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:152 Resp: 9497

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.9	188.9
115	64.2	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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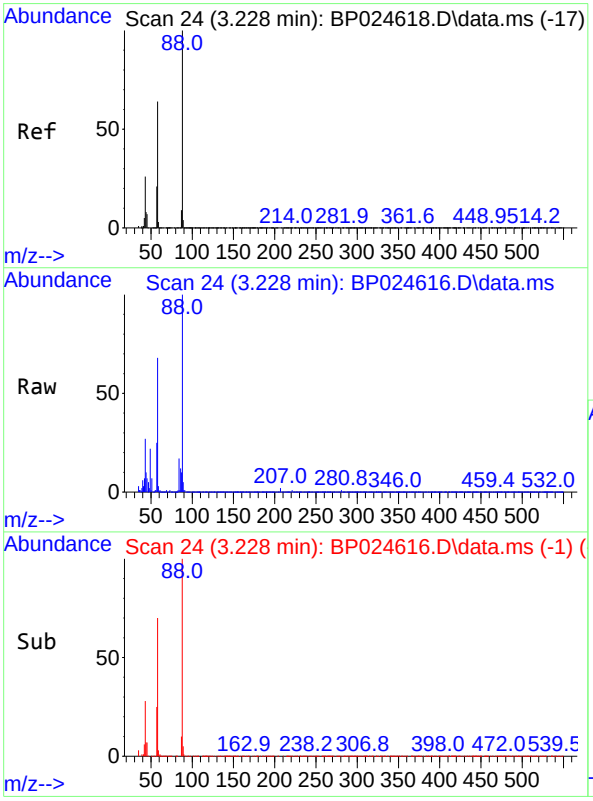
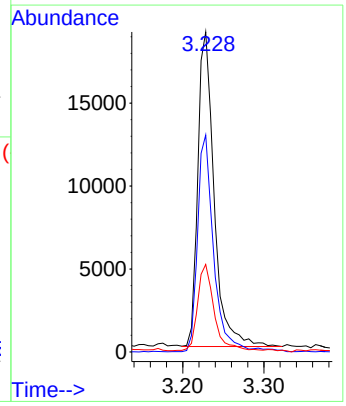
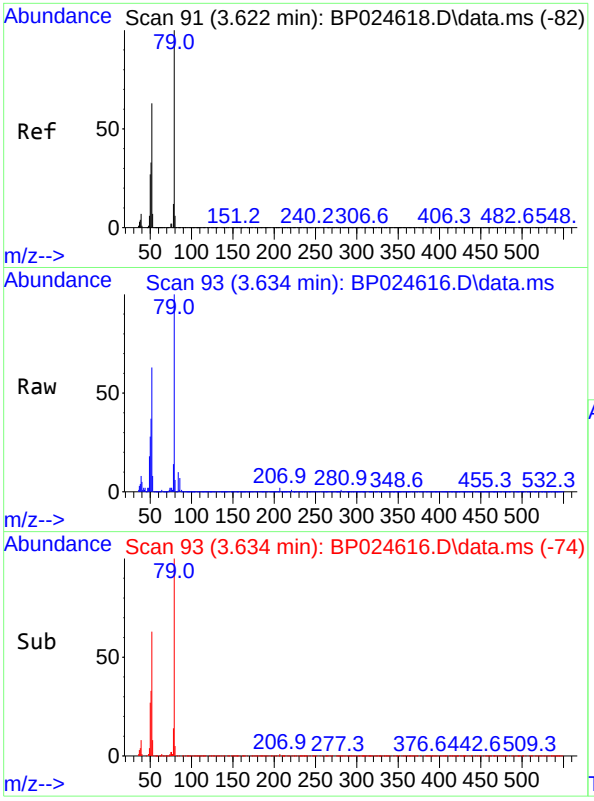


#2
1,4-Dioxane
Concen: 10.15 ng
RT: 3.228 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 88 Resp: 26472

Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.0	81.0
43	27.8	21.4	32.0

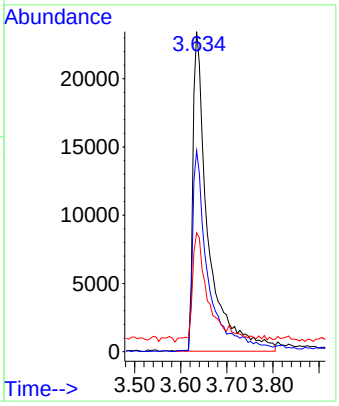




#3
Pyridine
Concen: 9.33 ng
RT: 3.634 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 79 Resp: 5391

Ion	Ratio	Lower	Upper
79	100		
52	62.8	50.2	75.2
51	37.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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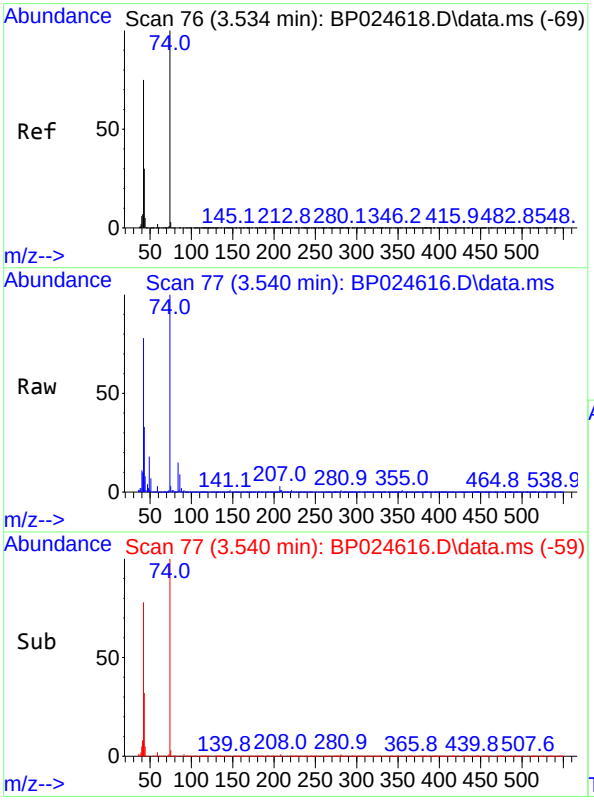
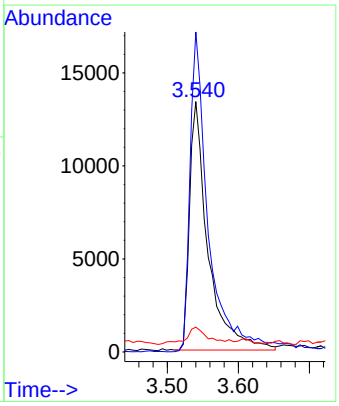
Supervised By :Jagrut Upadhyay 05/14/2025

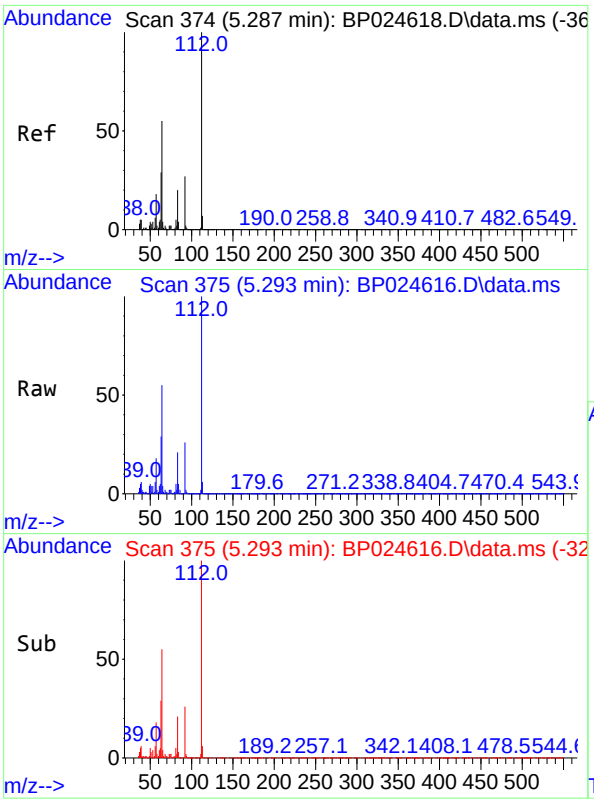


#4
n-Nitrosodimethylamine
Concen: 9.44 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 42 Resp: 24093

Ion	Ratio	Lower	Upper
42	100		
74	127.8	106.2	159.2
44	9.9	5.4	8.2#

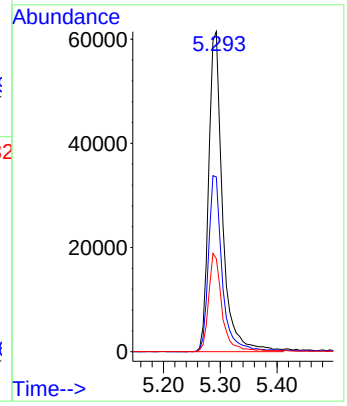




#5
2-Fluorophenol
Concen: 18.75 ng
RT: 5.293 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:112 Resp: 10411

Ion	Ratio	Lower	Upper
112	100		
64	54.6	44.1	66.1
63	29.0	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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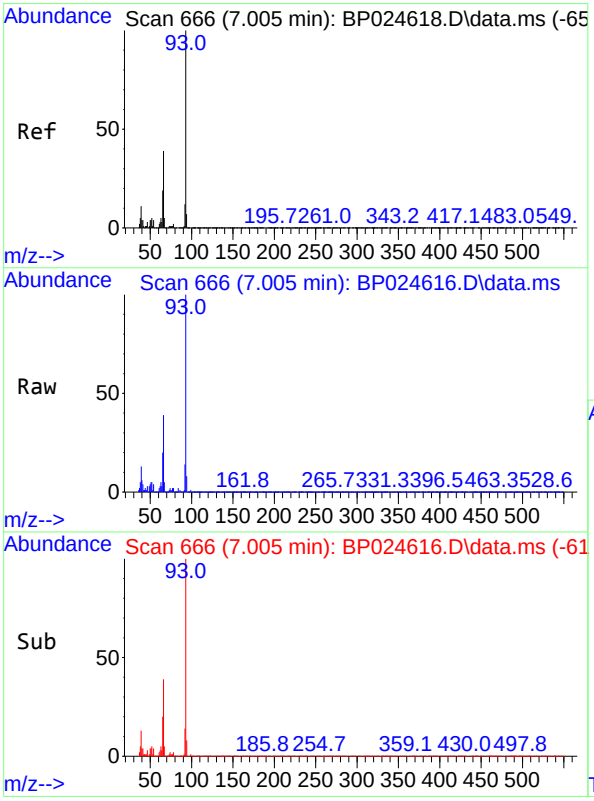
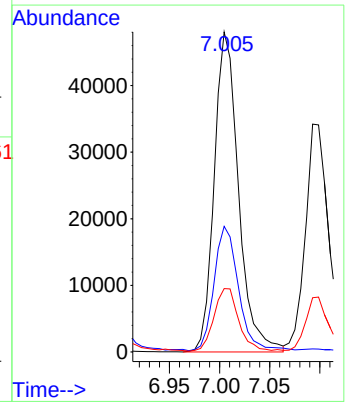
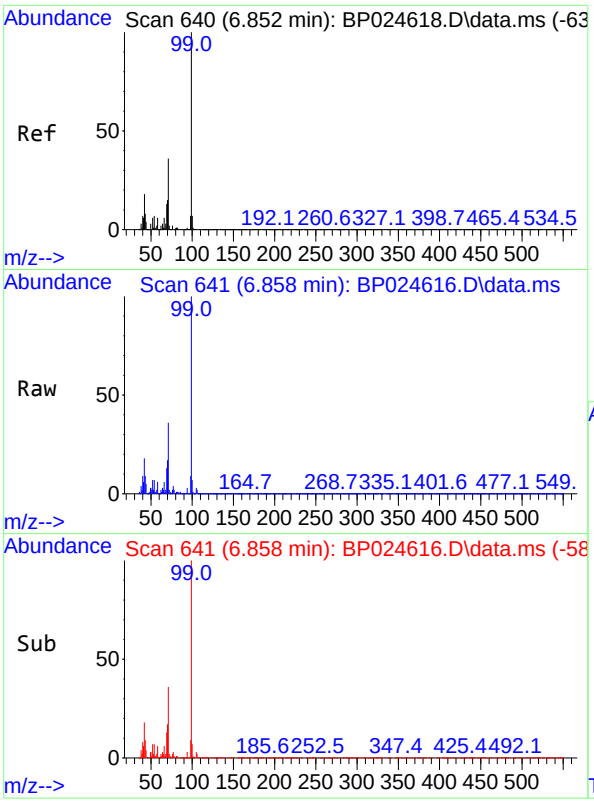


#6
Aniline
Concen: 8.84 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 80863

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.8	15.5	23.3

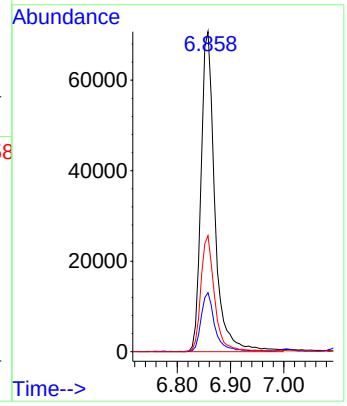




#7
Phenol-d6
Concen: 18.01 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 99 Resp: 12765

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	36.3	29.2	43.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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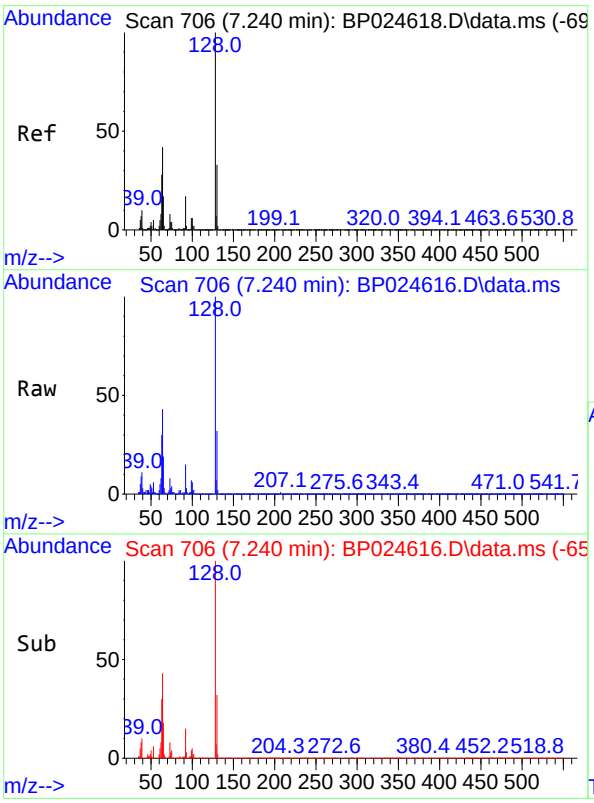
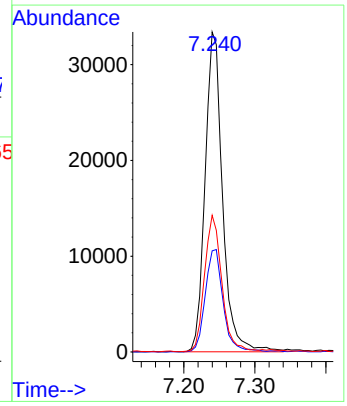
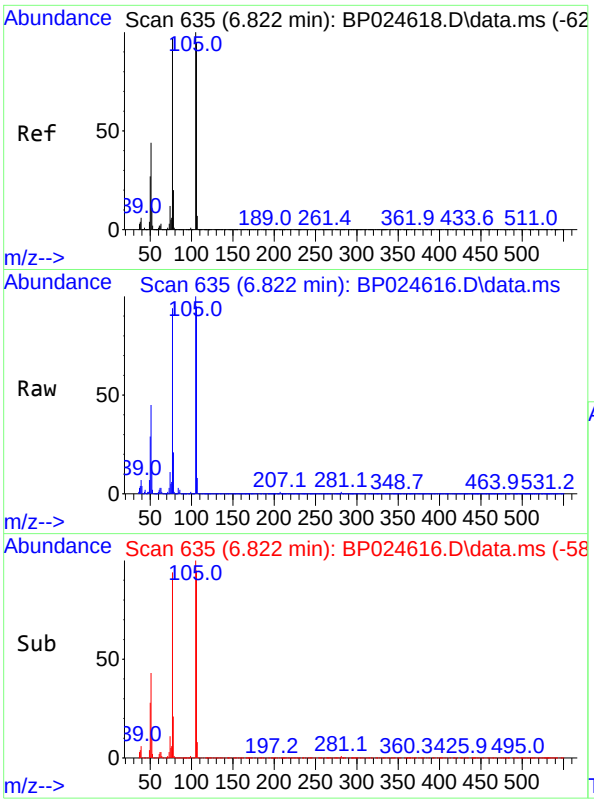


#8
2-Chlorophenol
Concen: 9.07 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:128 Resp: 57182

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	42.7	22.3	62.3

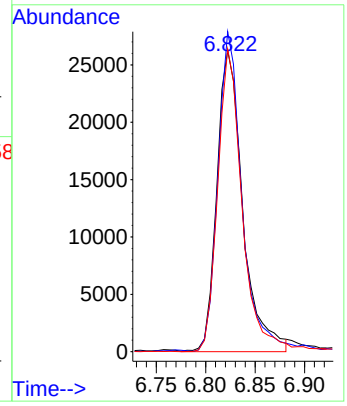




#9
Benzaldehyde
Concen: 10.45 ng m
RT: 6.822 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 77 Resp: 4784

Ion	Ratio	Lower	Upper
77	100		
105	106.2	83.3	123.3
106	100.5	78.0	118.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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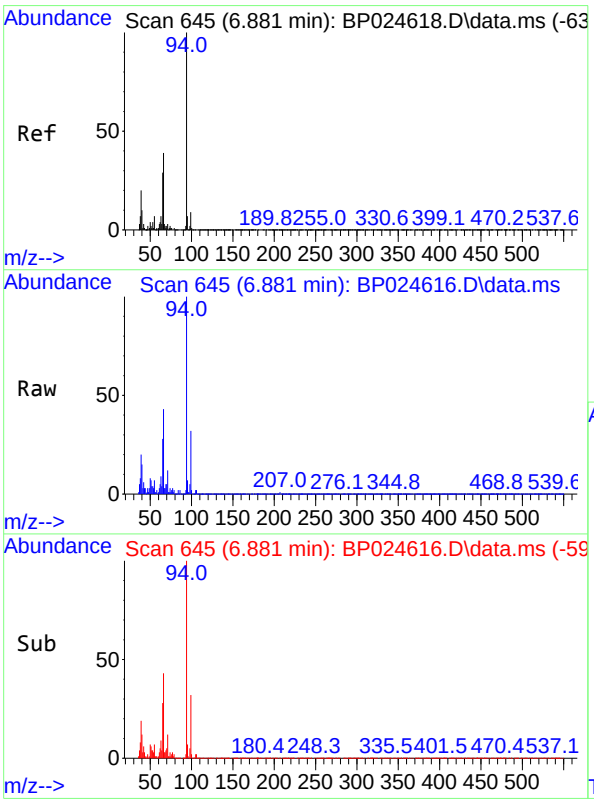
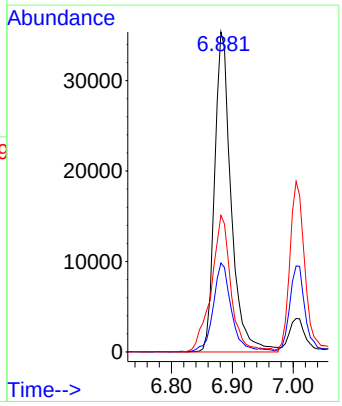
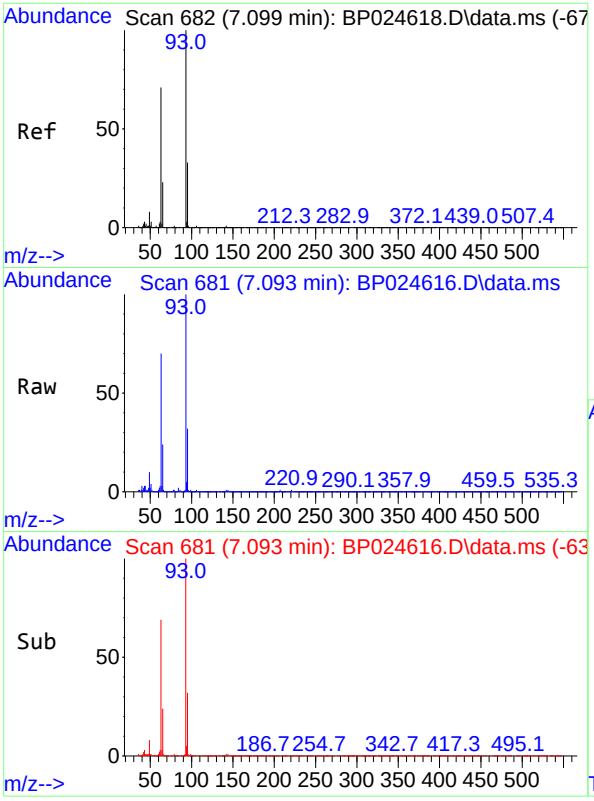


#10
Phenol
Concen: 9.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 94 Resp: 66520

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	42.7	19.4	59.4

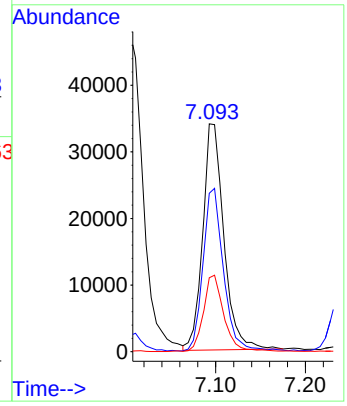




#11
bis(2-Chloroethyl)ether
Concen: 9.25 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 5557

Ion	Ratio	Lower	Upper
93	100		
63	69.5	50.6	90.6
95	32.4	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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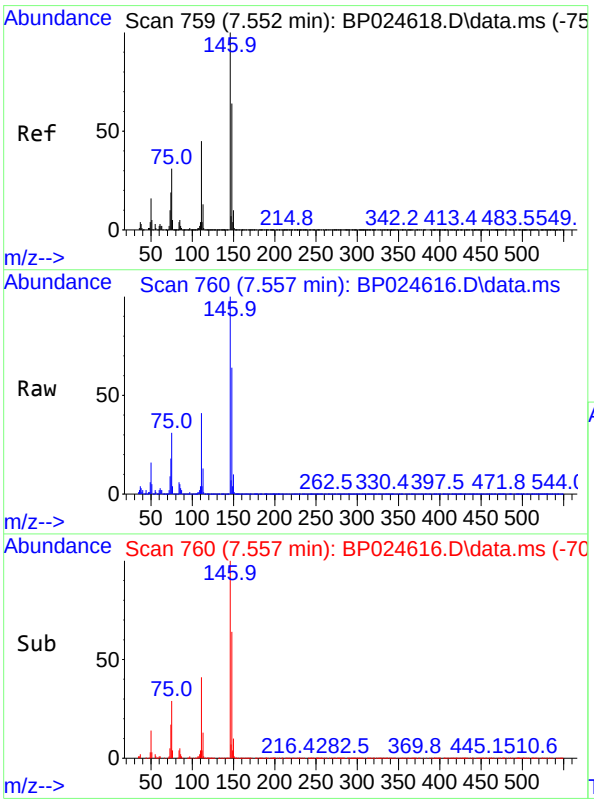
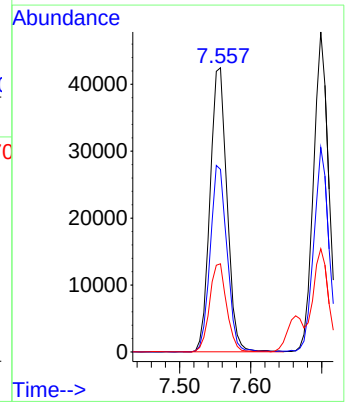
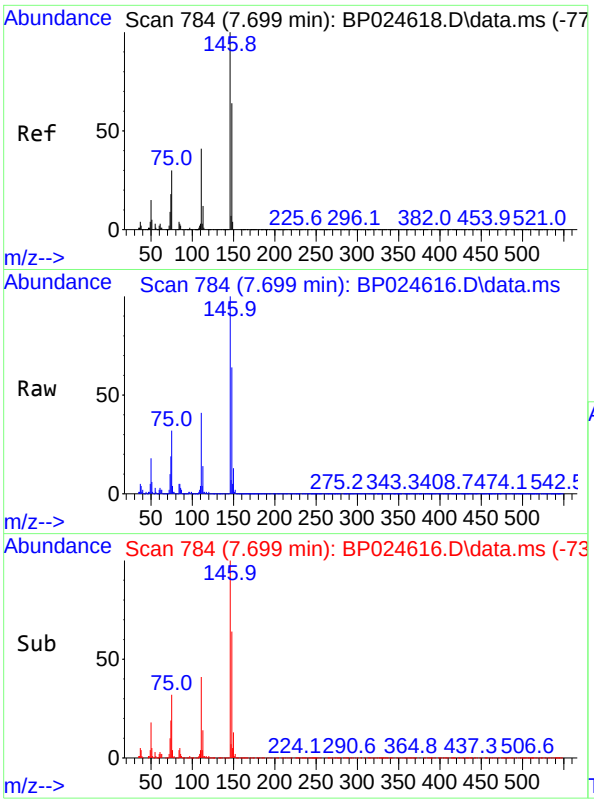


#12
1,3-Dichlorobenzene
Concen: 9.73 ng
RT: 7.557 min Scan# 760
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 70590

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	31.1	25.2	37.8

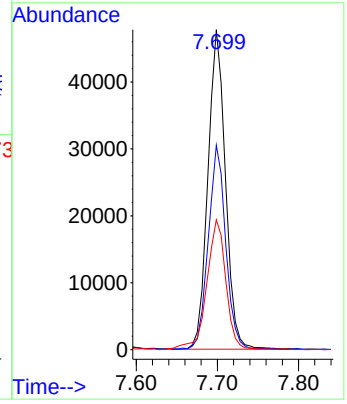




#13
1,4-Dichlorobenzene
Concen: 9.80 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 7146

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.6
111	40.6	33.0	49.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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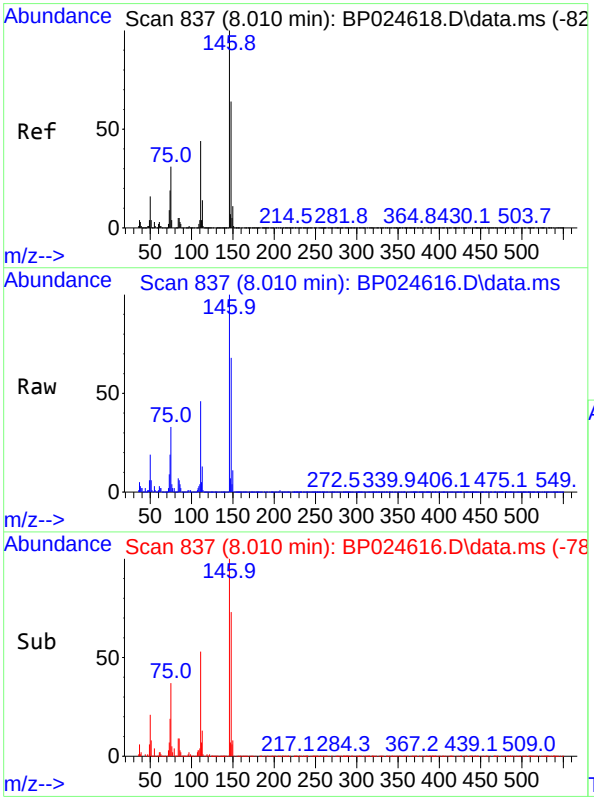
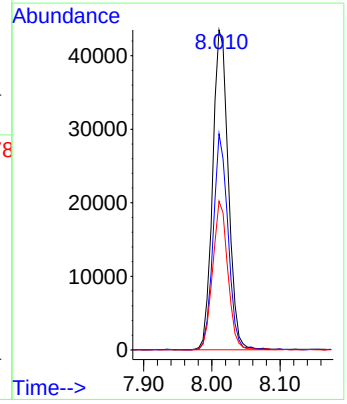
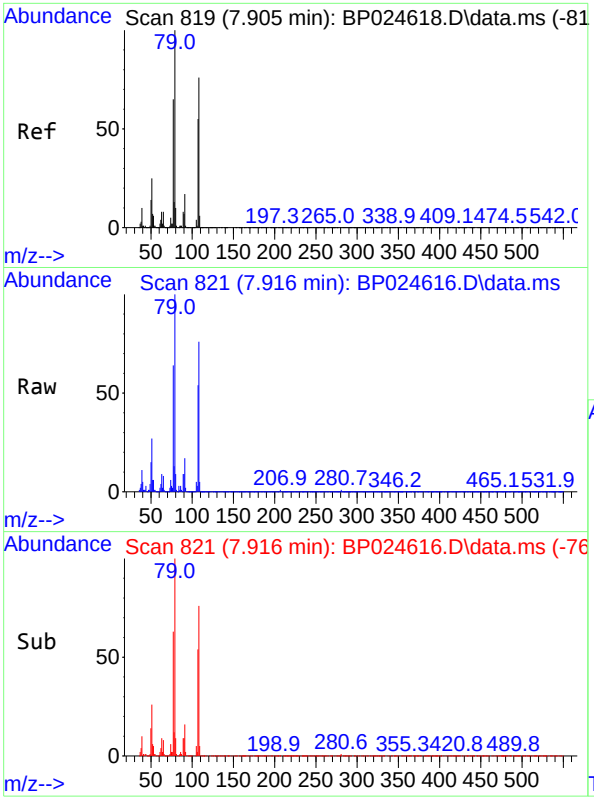


#14
1,2-Dichlorobenzene
Concen: 9.80 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:146 Resp: 69643

Ion	Ratio	Lower	Upper
146	100		
148	67.5	51.0	76.4
111	46.5	35.2	52.8





#15
Benzyl Alcohol
Concen: 8.37 ng
RT: 7.916 min Scan# 8
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 79 Resp: 4509

Ion	Ratio	Lower	Upper
79	100		
108	76.3	60.8	91.2
77	63.5	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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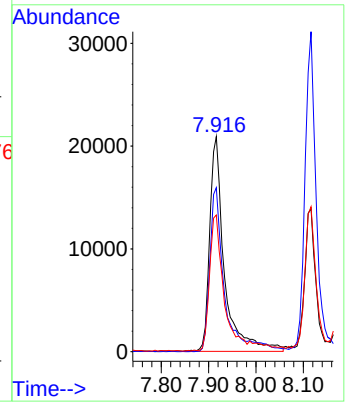
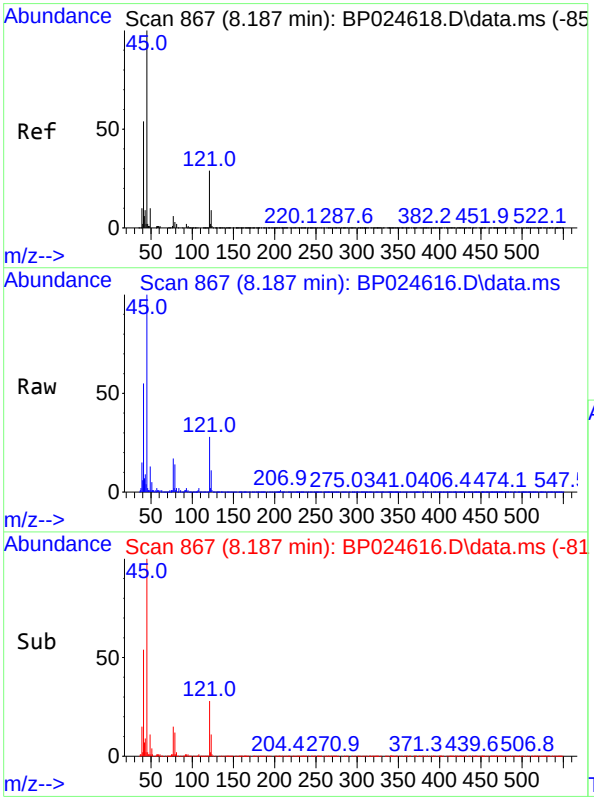
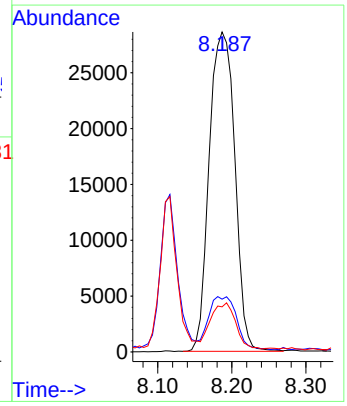


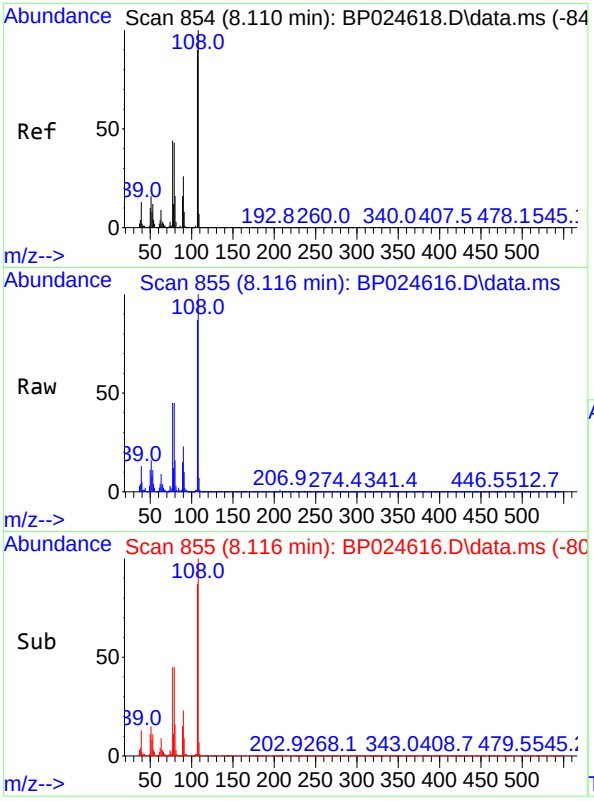


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.53 ng
RT: 8.187 min Scan# 867
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 45 Resp: 68599

Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	37.7
79	14.1	0.0	34.0

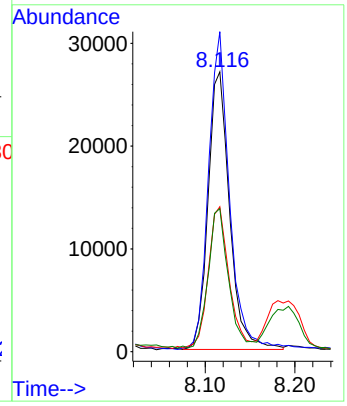




#17
2-Methylphenol
Concen: 8.59 ng
RT: 8.116 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 4507

Ion	Ratio	Lower	Upper
107	100		
108	114.4	88.9	133.3
77	51.8	39.0	58.6
79	51.1	38.4	57.6



Instrument :
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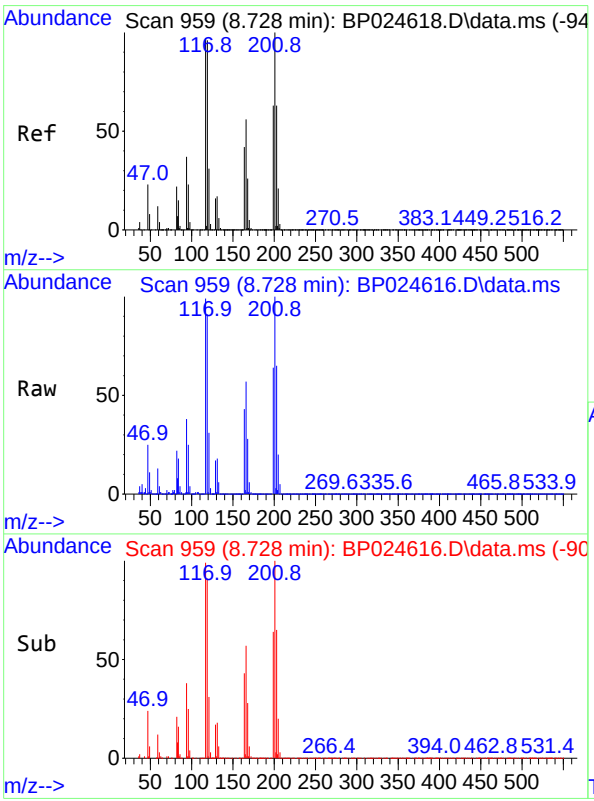
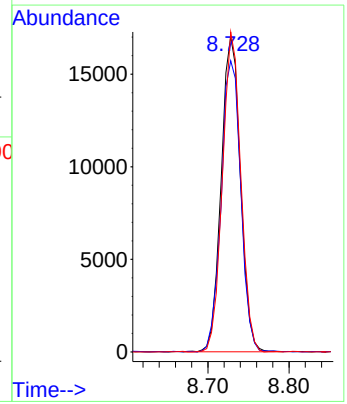
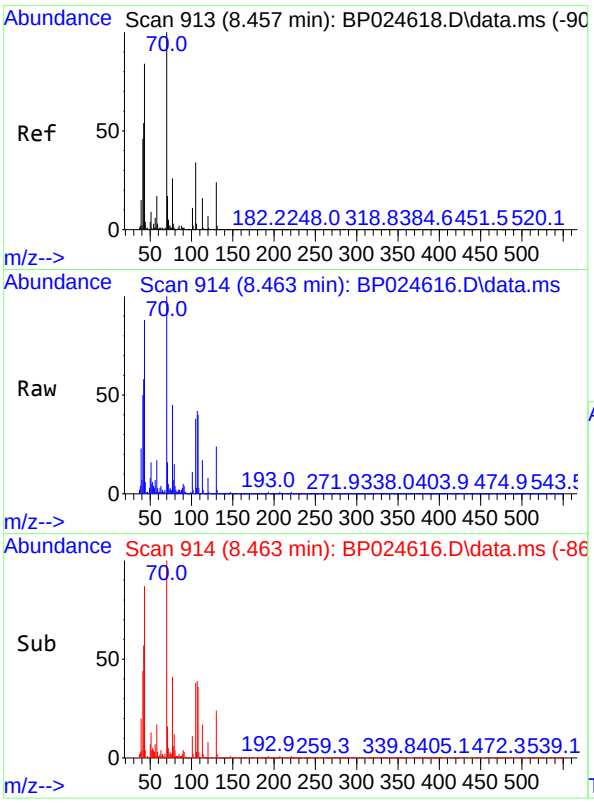


#18
Hexachloroethane
Concen: 10.05 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:117 Resp: 28078

Ion	Ratio	Lower	Upper
117	100		
119	92.3	79.4	119.0
201	101.4	82.7	124.1

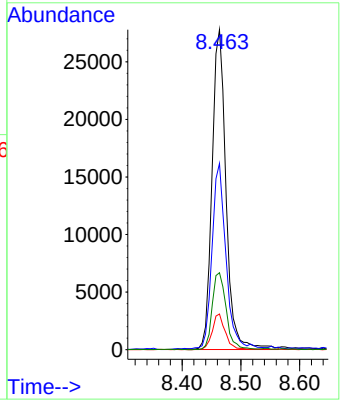




#19
n-Nitroso-di-n-propylamine
Concen: 9.37 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 70 Resp: 4592

Ion	Ratio	Lower	Upper
70	100		
42	58.2	43.0	64.6
101	11.2	8.7	13.1
130	24.1	19.4	29.0



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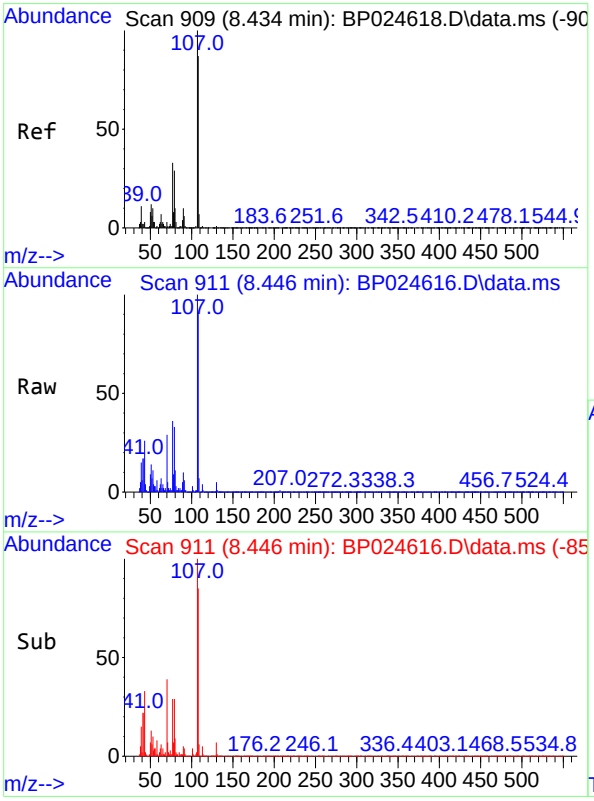
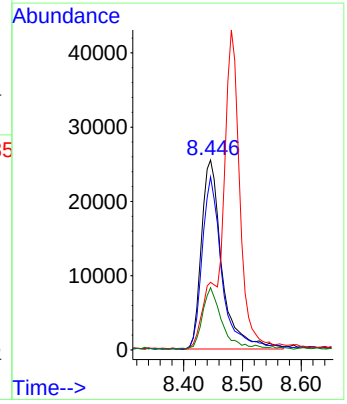
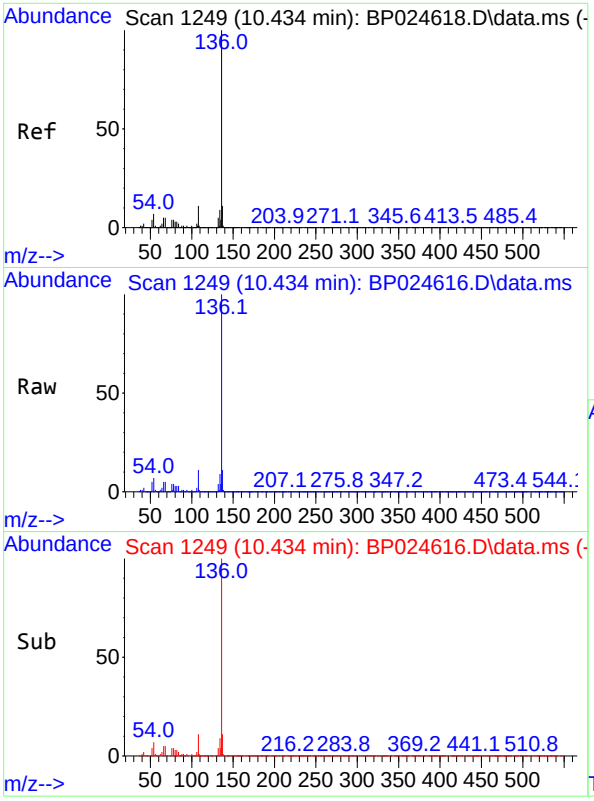


#20
3+4-Methylphenols
Concen: 8.66 ng
RT: 8.446 min Scan# 911
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 61832

Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.7	106.7
77	35.6	13.1	53.1
79	32.7	8.9	48.9

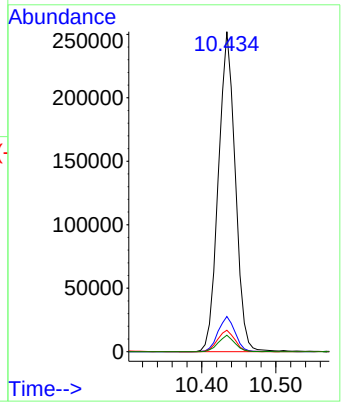




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:136 Resp: 39865

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.5	8.3
68	5.2	4.2	6.2



Instrument :
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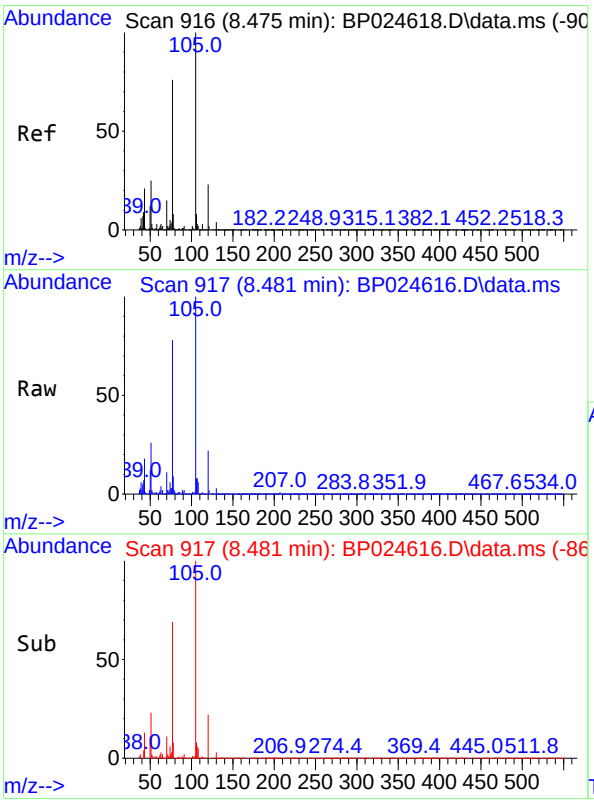
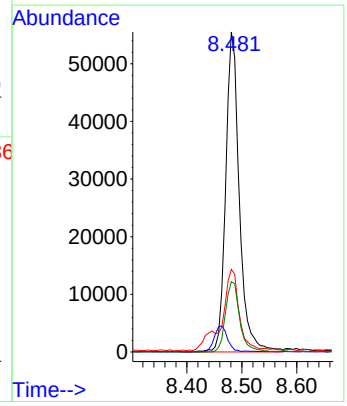
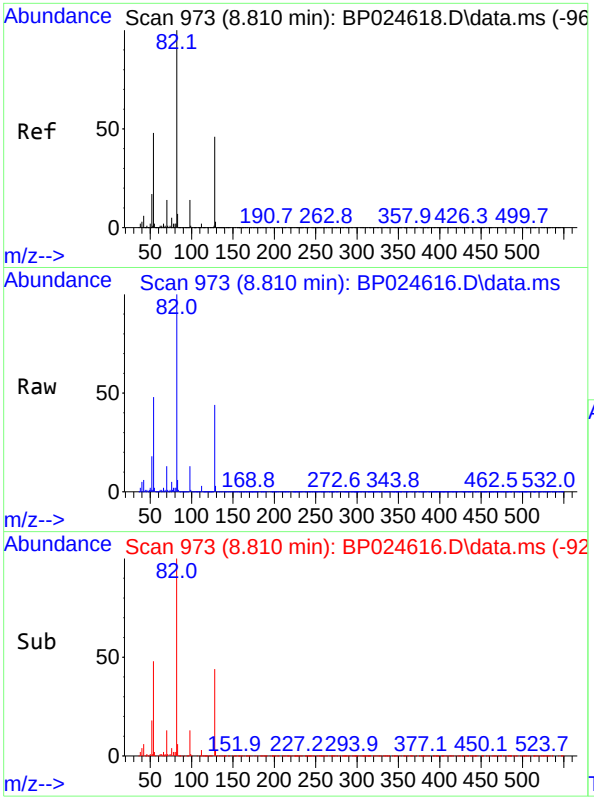


#22
Acetophenone
Concen: 9.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:105 Resp: 95803

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	25.8	20.4	30.6
120	22.0	18.1	27.1

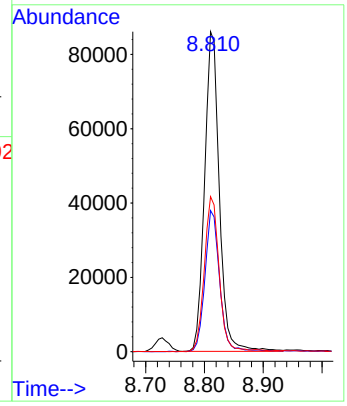




#23
Nitrobenzene-d5
Concen: 19.00 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 82 Resp: 14987

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.4
54	48.5	38.7	58.1



Instrument :
BNA_P
ClientSampleId :
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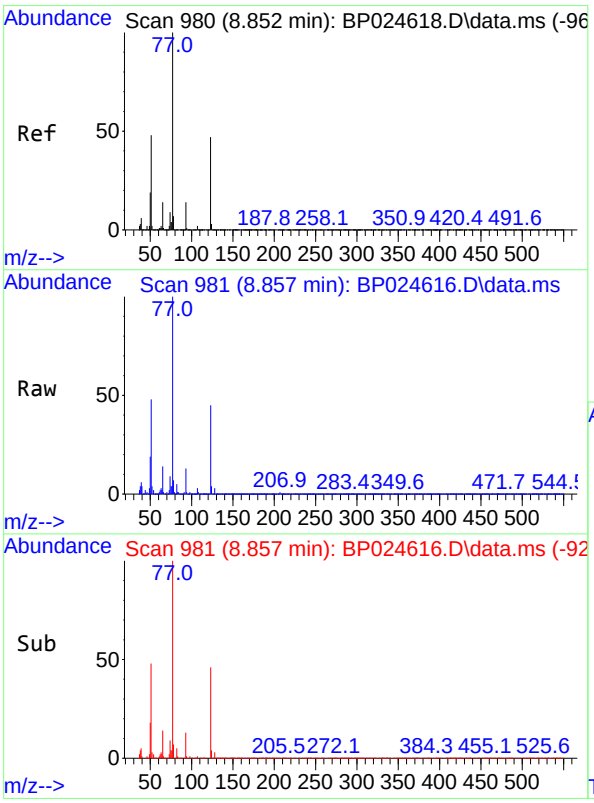
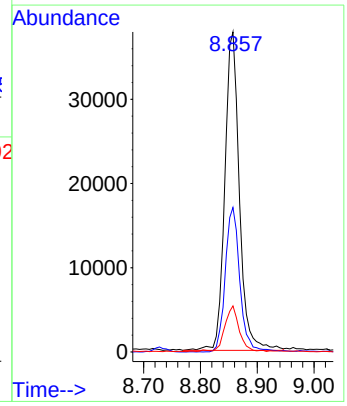
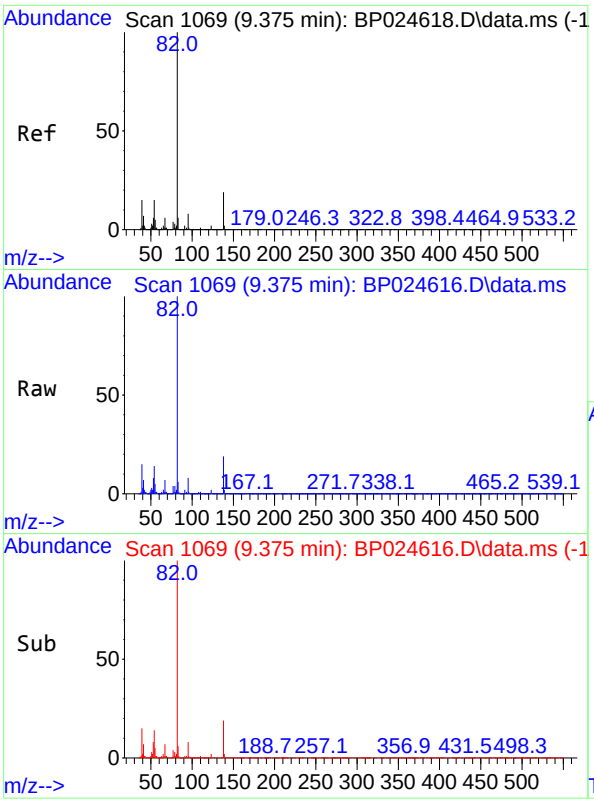


#24
Nitrobenzene
Concen: 9.76 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 77 Resp: 67735

Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.4	56.0
65	14.4	11.3	16.9

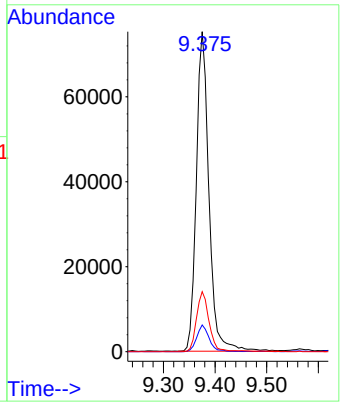




#25
Isophorone
Concen: 9.31 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 82 Resp: 12747

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	18.7	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
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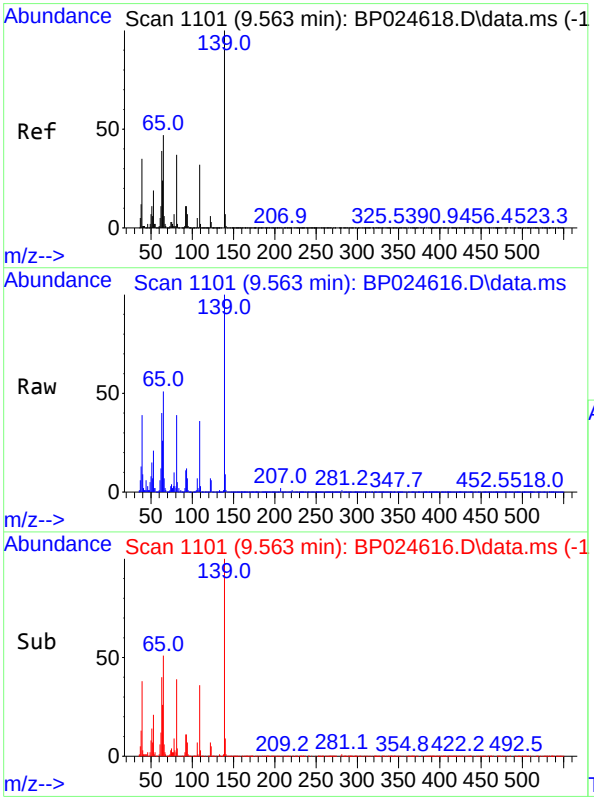
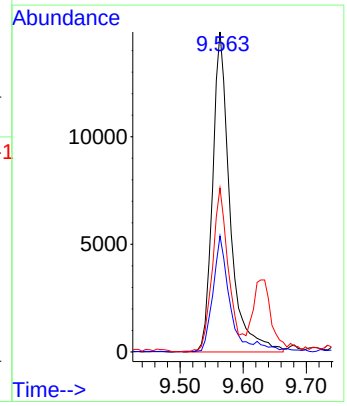
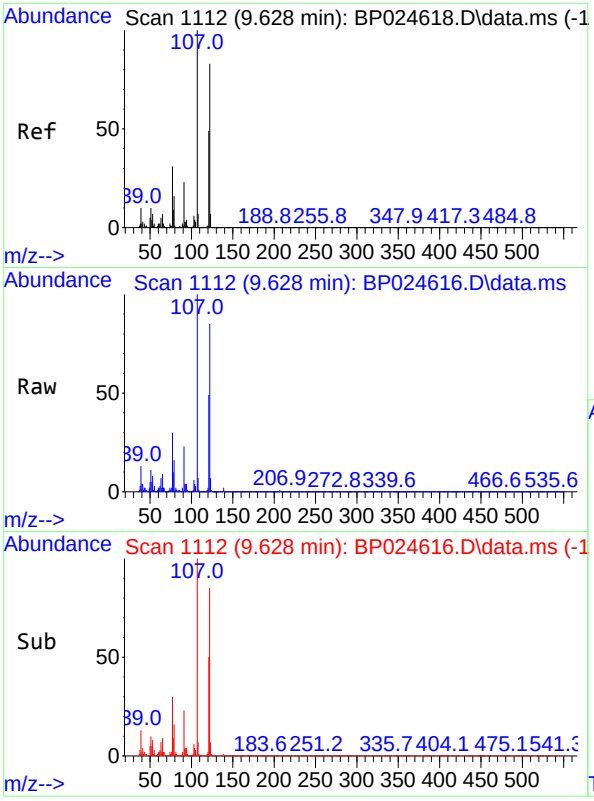


#26
2-Nitrophenol
Concen: 8.37 ng
RT: 9.563 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 28470

Ion	Ratio	Lower	Upper
139	100		
109	36.2	25.9	38.9
65	51.3	37.9	56.9





#27
2,4-Dimethylphenol
Concen: 9.28 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 5566

Ion	Ratio	Lower	Upper
122	100		
107	118.0	96.2	144.2
121	58.4	47.6	71.4

Instrument :
BNA_P
ClientSampleId :
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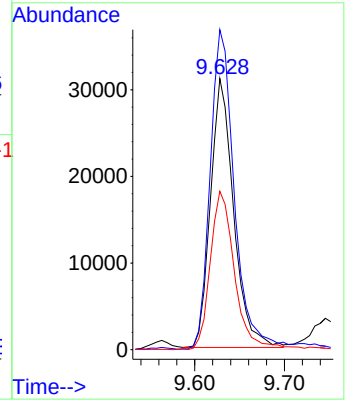
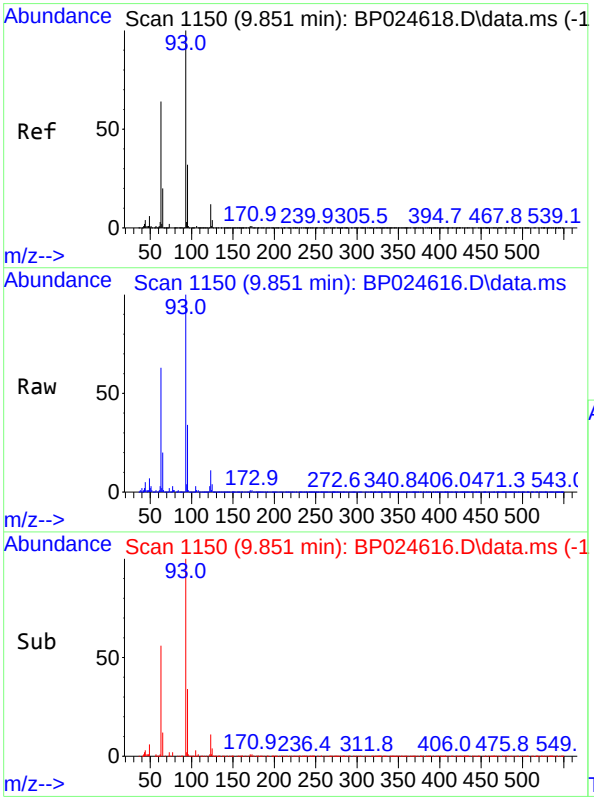
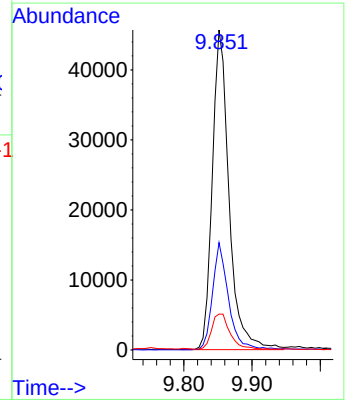


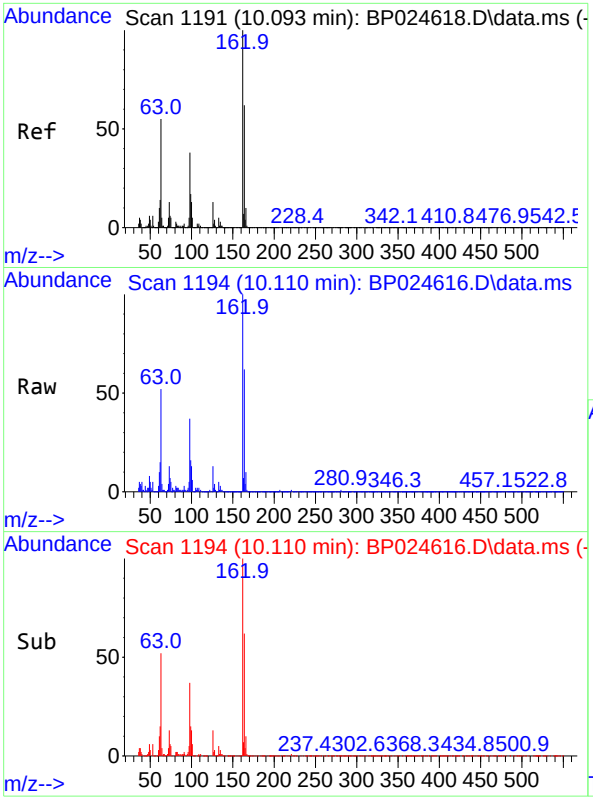


#28
bis(2-Chloroethoxy)methane
Concen: 9.54 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 93 Resp: 78019

Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	11.2	9.7	14.5

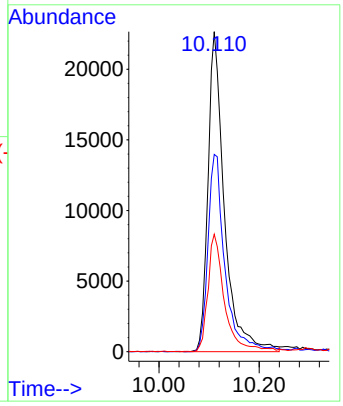




#29
2,4-Dichlorophenol
Concen: 8.84 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:162 Resp: 5138

Ion	Ratio	Lower	Upper
162	100		
164	61.7	42.3	82.3
98	36.7	18.4	58.4



Instrument :
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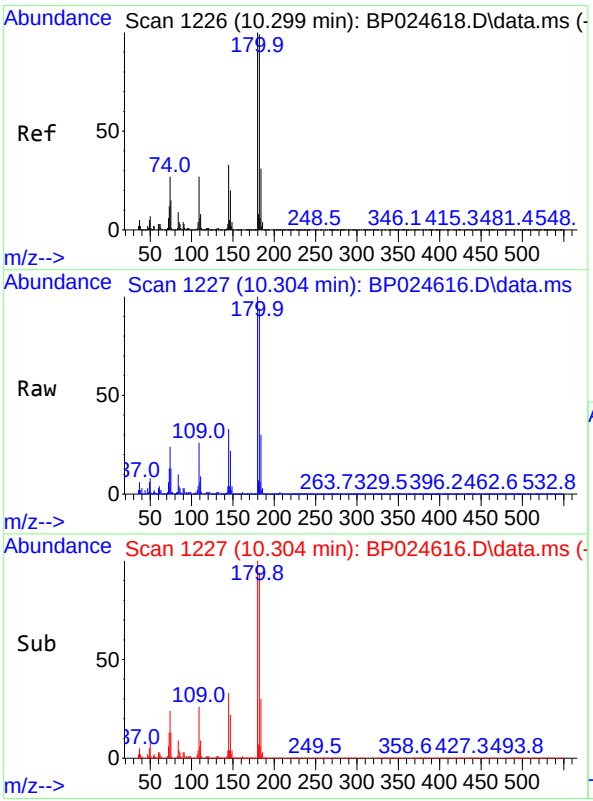
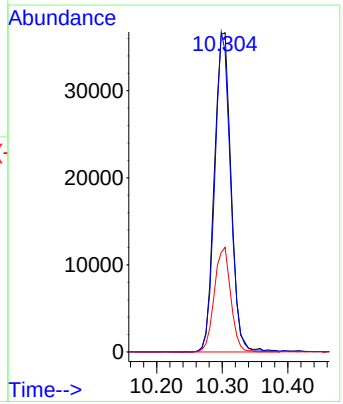
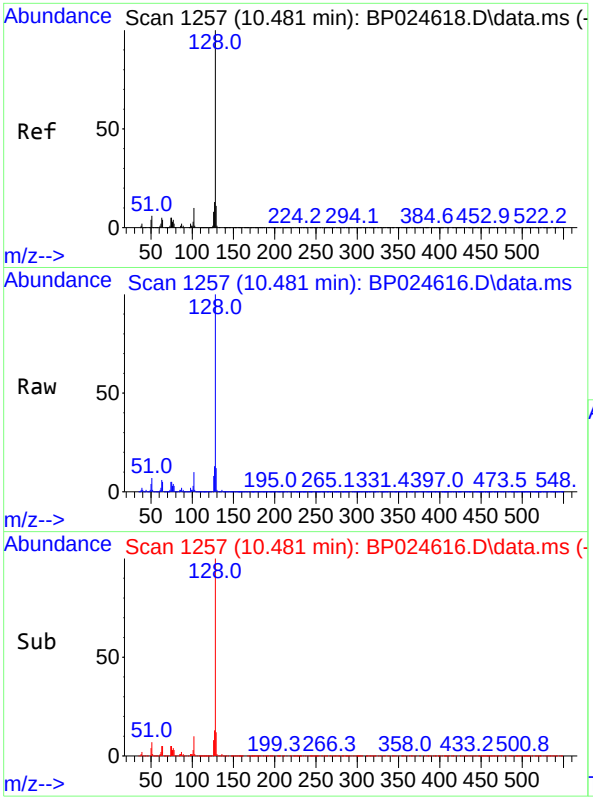


#30
1,2,4-Trichlorobenzene
Concen: 9.81 ng
RT: 10.304 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:180 Resp: 64245

Ion	Ratio	Lower	Upper
180	100		
182	94.1	79.0	118.4
145	32.8	26.6	39.8

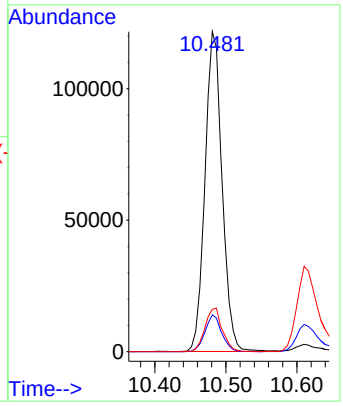




#31
Naphthalene
Concen: 9.90 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:128 Resp: 20446

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.2	10.7	16.1



Instrument :
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ClientSampleId :
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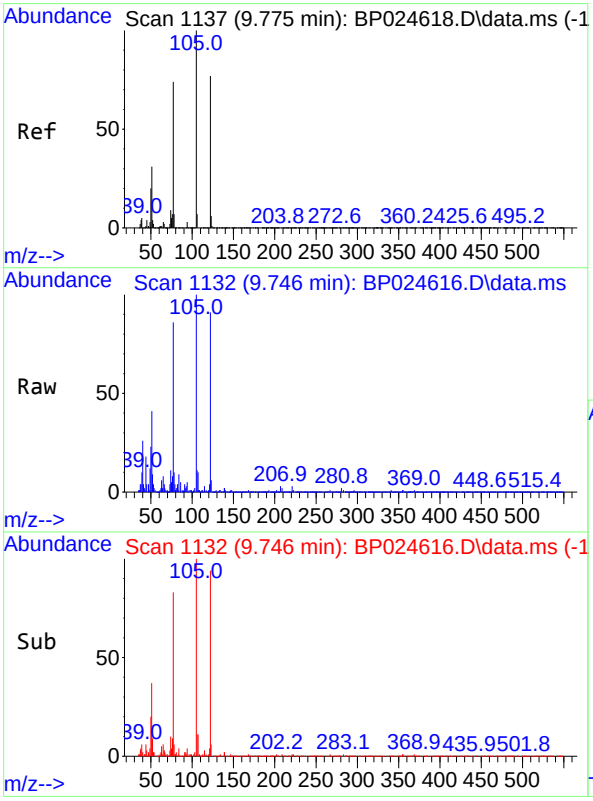
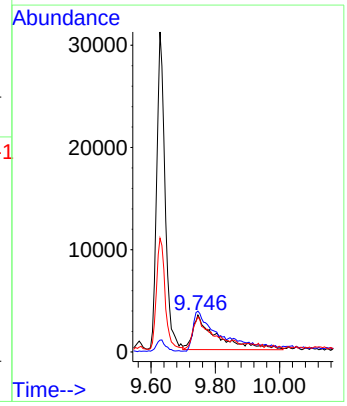
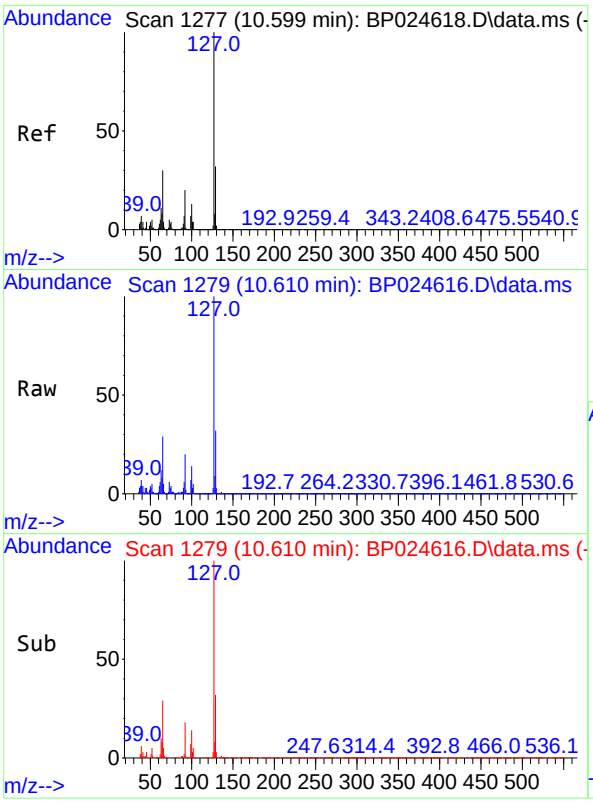


#32
Benzoic acid
Concen: 10.42 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:122 Resp: 17770

Ion	Ratio	Lower	Upper
122	100		
105	110.3	106.9	146.9
77	95.0	75.1	115.1

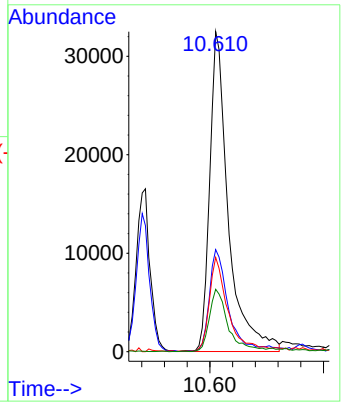




#33
4-Chloroaniline
Concen: 8.88 ng
RT: 10.610 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:127 Resp: 7399

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.5	23.9	35.9
92	19.5	16.1	24.1



Instrument :
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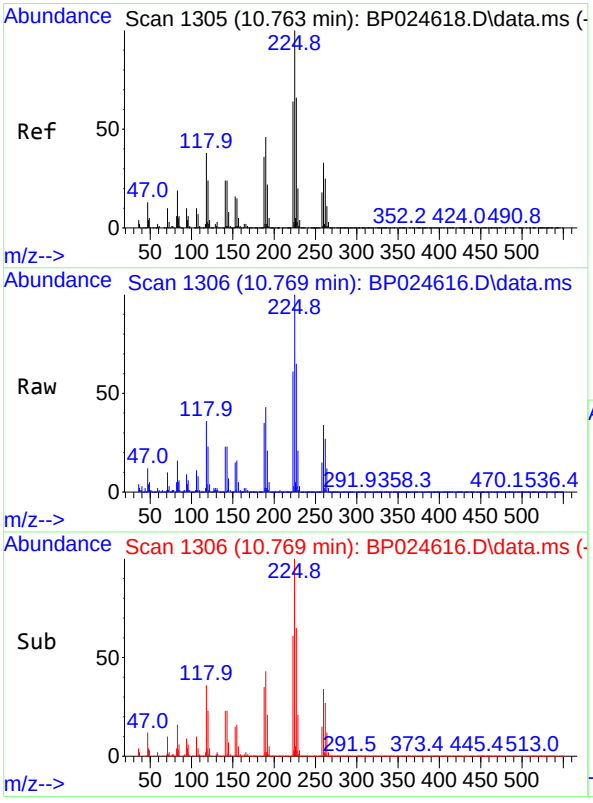
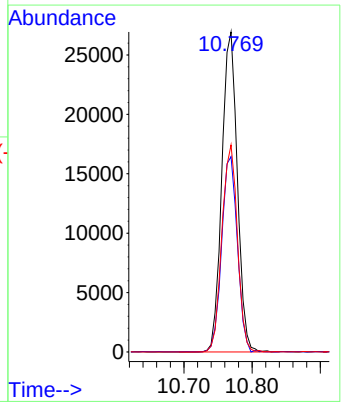
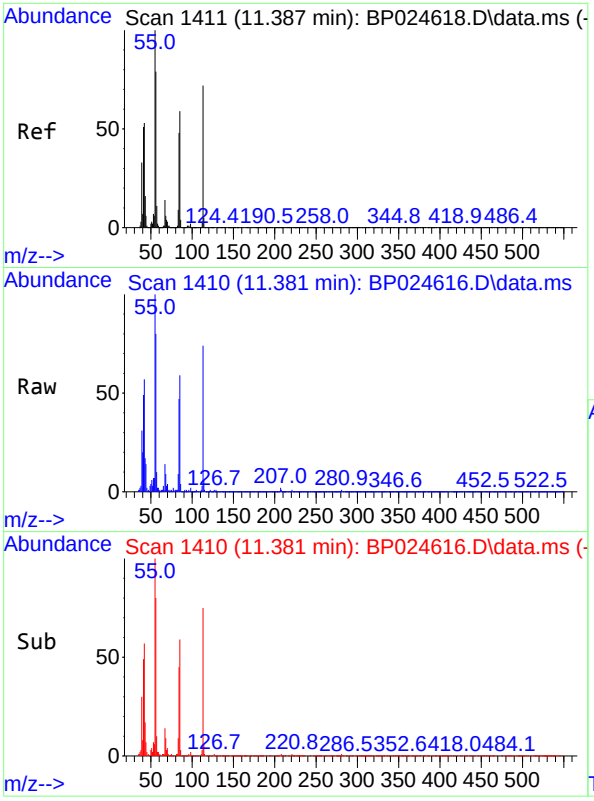


#34
Hexachlorobutadiene
Concen: 10.03 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:225 Resp: 42567

Ion	Ratio	Lower	Upper
225	100		
223	61.0	51.0	76.6
227	64.7	53.1	79.7

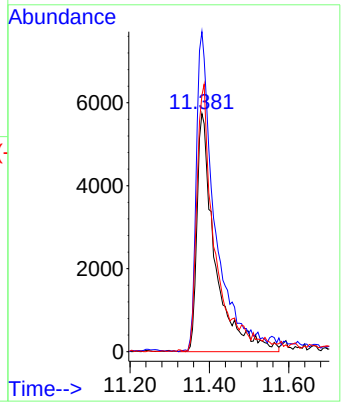




#35
Caprolactam
Concen: 8.68 ng m
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:113 Resp: 1824

Ion	Ratio	Lower	Upper
113	100		
55	134.4	119.0	159.0
56	107.7	90.3	130.3



Instrument :
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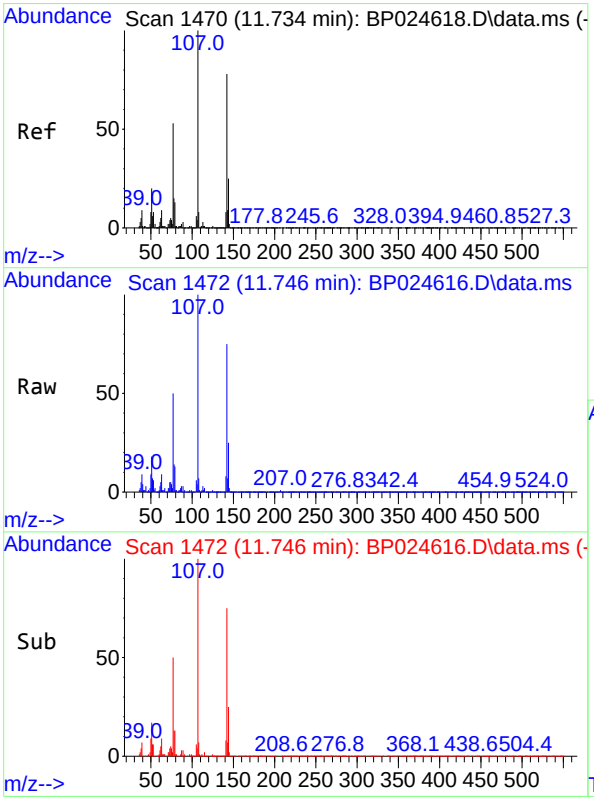
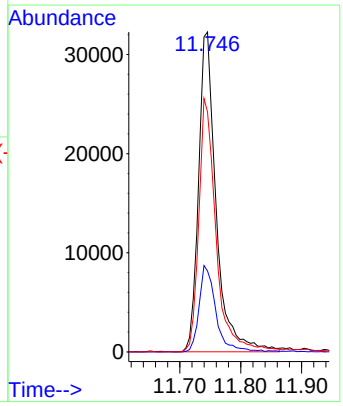
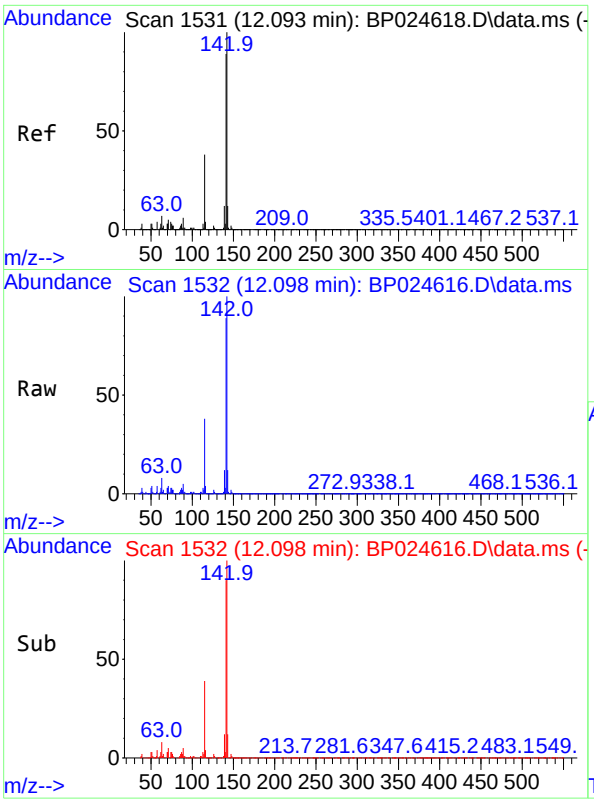


#36
4-Chloro-3-methylphenol
Concen: 9.15 ng
RT: 11.746 min Scan# 1472
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:107 Resp: 64857

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	75.0	62.1	93.1

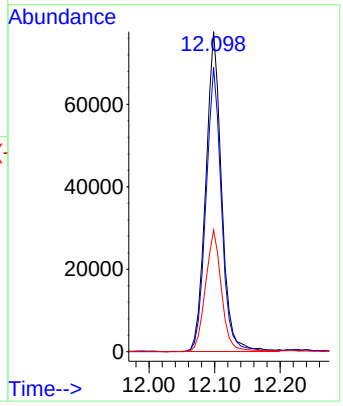




#37
2-Methylnaphthalene
Concen: 9.75 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:142 Resp: 13041

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.2	106.8
115	38.0	30.6	46.0



Instrument :
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ClientSampleId :
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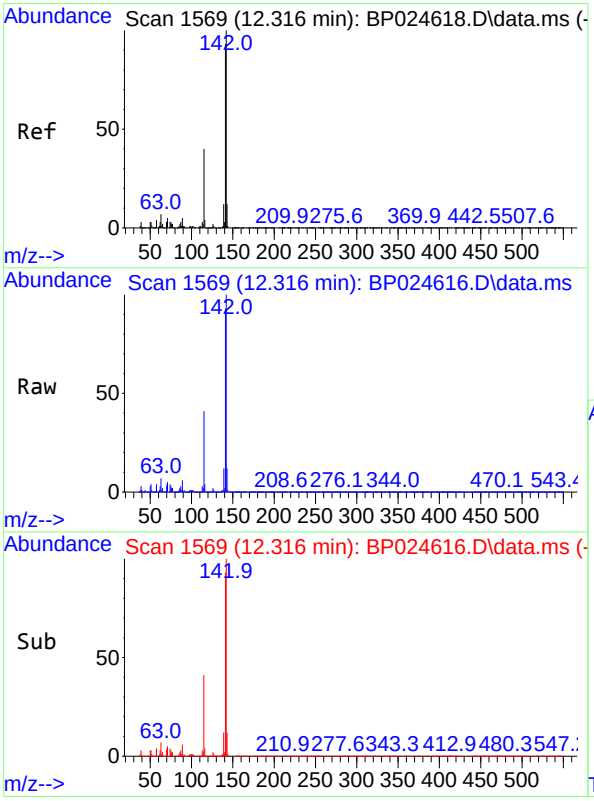
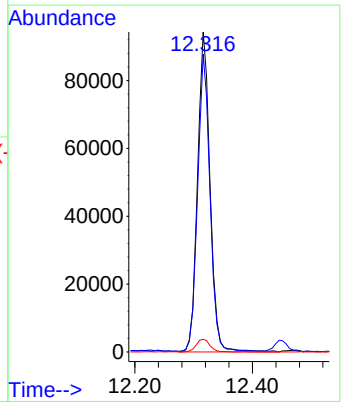
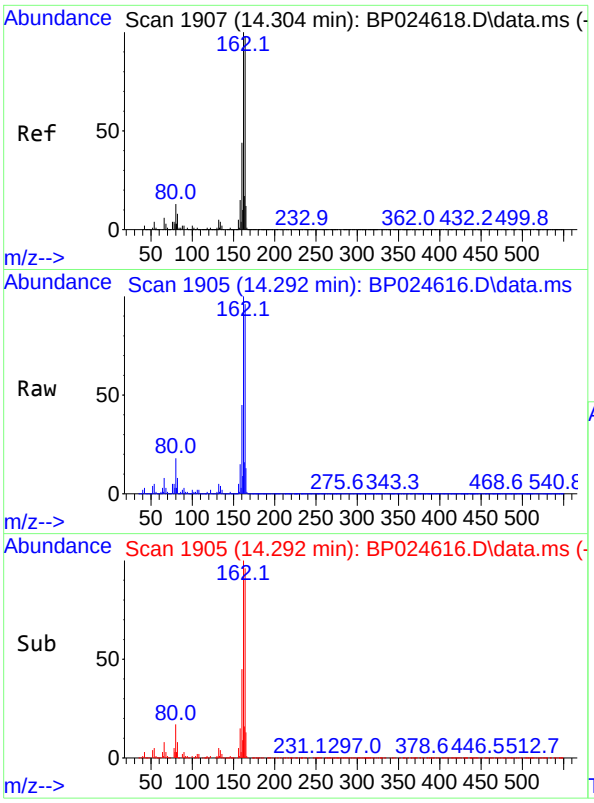


#38
1-Methylnaphthalene
Concen: 9.75 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:142 Resp: 139573

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.0	3.4	5.2

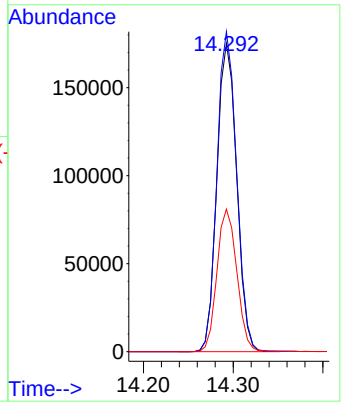




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:164 Resp: 26833

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	46.2	36.3	54.5



Instrument :
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ClientSampleId :
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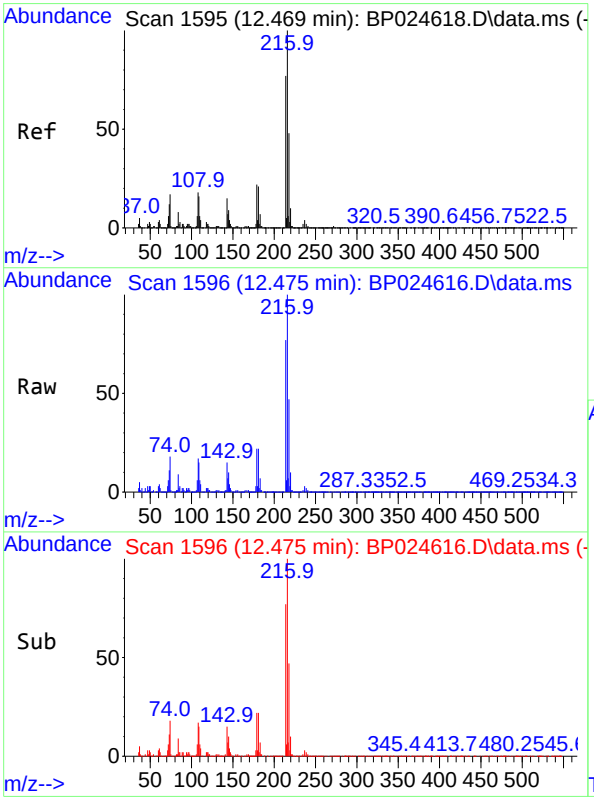
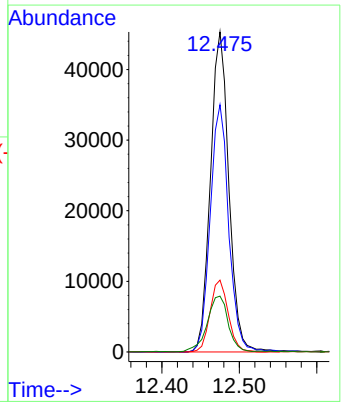
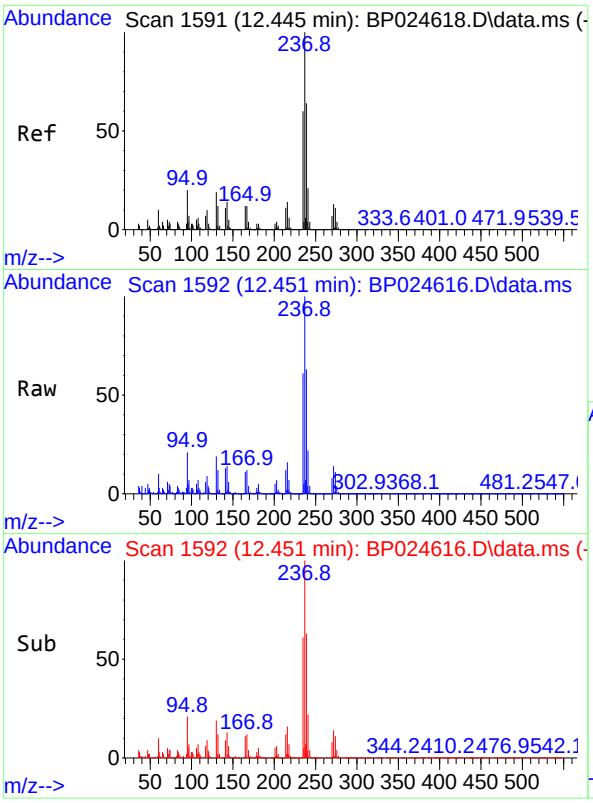


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.60 ng
RT: 12.475 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:216 Resp: 74824

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.2	17.7	26.5
108	20.0	16.0	24.0

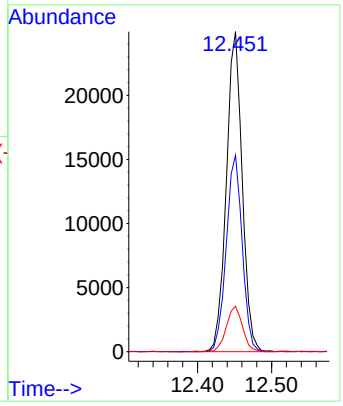




#41
Hexachlorocyclopentadiene
Concen: 7.85 ng
RT: 12.451 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:237 Resp: 3707

Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.9	79.9
272	14.2	0.0	33.2



Instrument :
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ClientSampleId :
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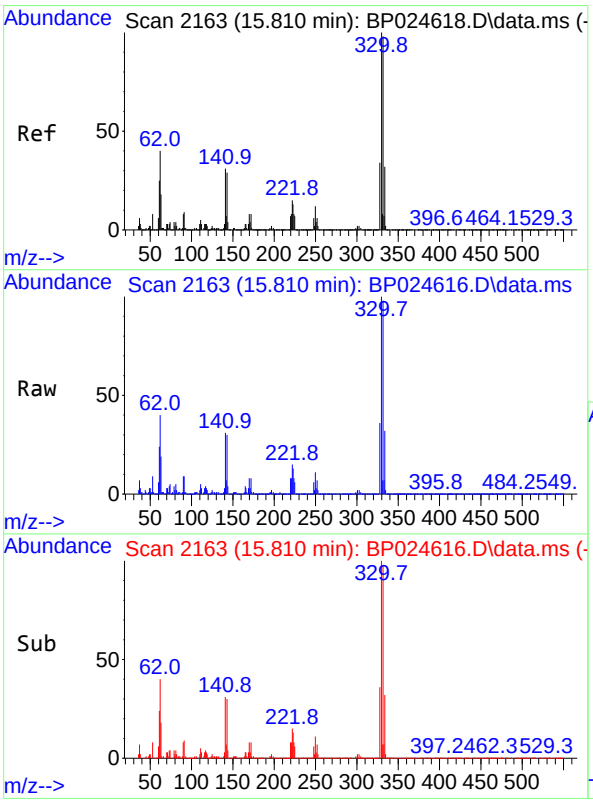
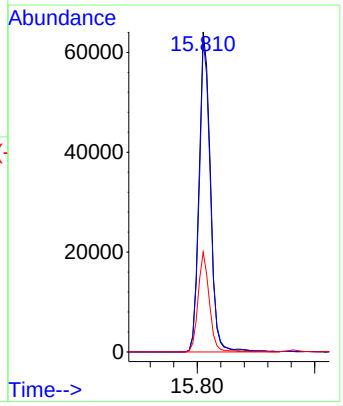
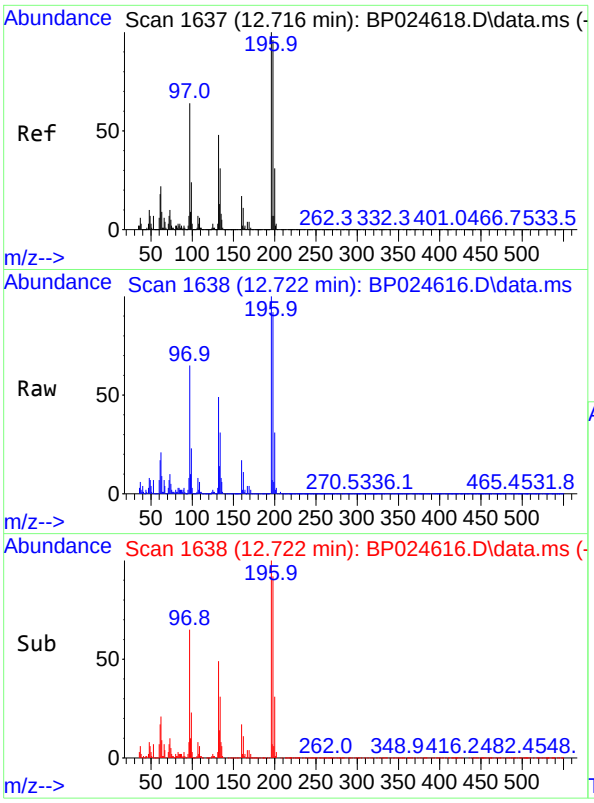


#42
2,4,6-Tribromophenol
Concen: 18.93 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:330 Resp: 86099

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.4
141	30.5	24.3	36.5

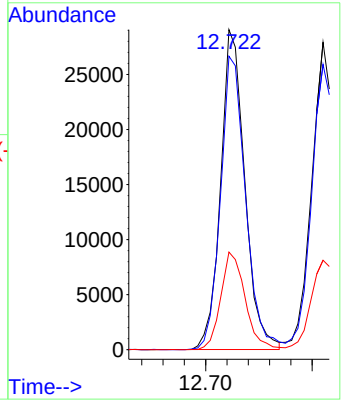




#43
2,4,6-Trichlorophenol
Concen: 9.07 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:196 Resp: 4579

Ion	Ratio	Lower	Upper
196	100		
198	91.7	76.9	115.3
200	30.5	25.2	37.8



Instrument :
BNA_P
ClientSampleId :
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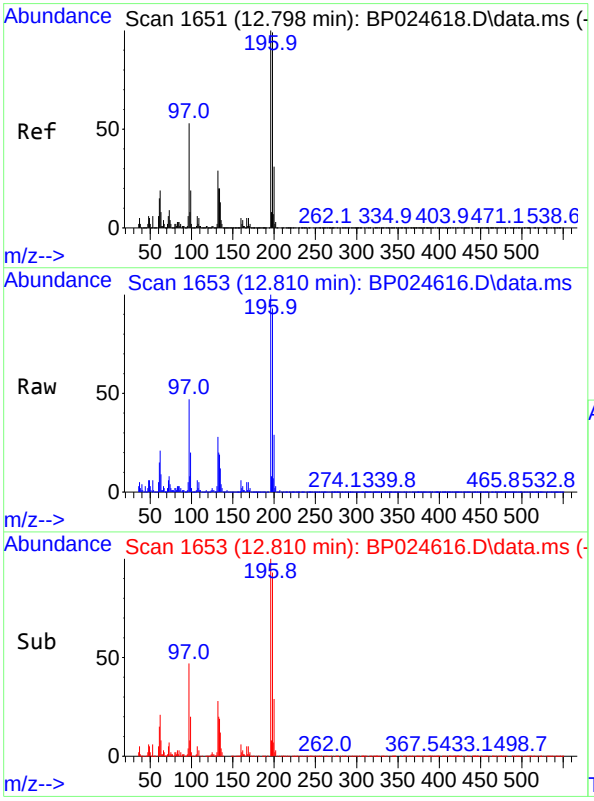
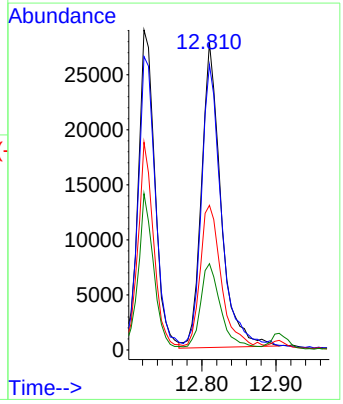
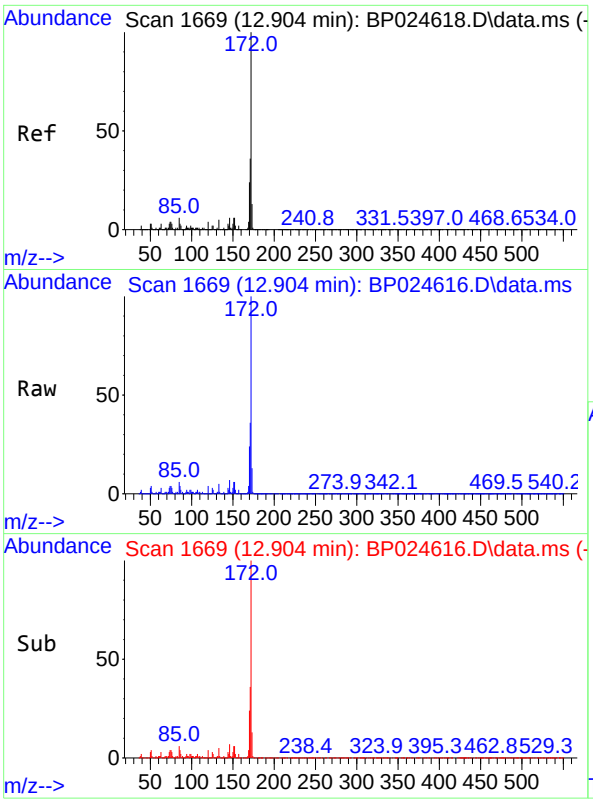


#44
2,4,5-Trichlorophenol
Concen: 8.96 ng
RT: 12.810 min Scan# 1653
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:196 Resp: 50348

Ion	Ratio	Lower	Upper
196	100		
198	92.8	79.2	118.8
97	47.0	42.3	63.5
132	28.1	23.3	34.9

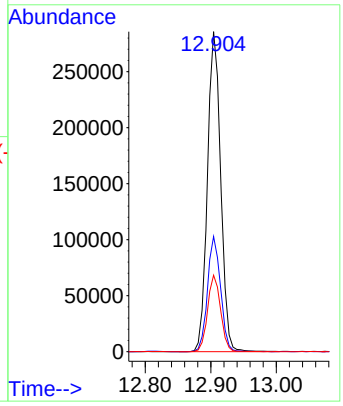




#45
2-Fluorobiphenyl
Concen: 19.63 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:172 Resp: 40198

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.9	18.8	28.2



Instrument :
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ClientSampleId :
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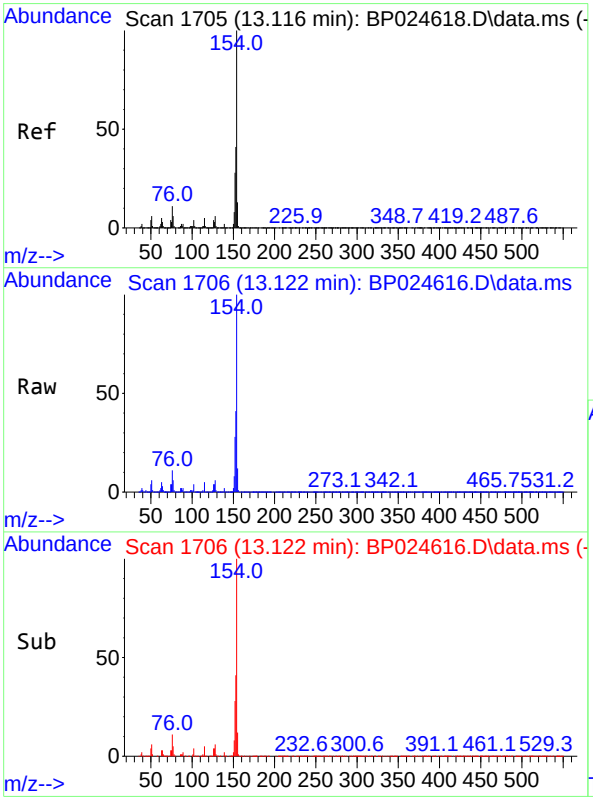
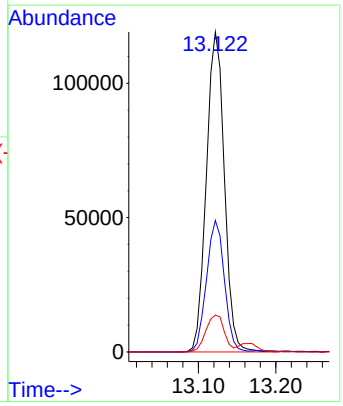
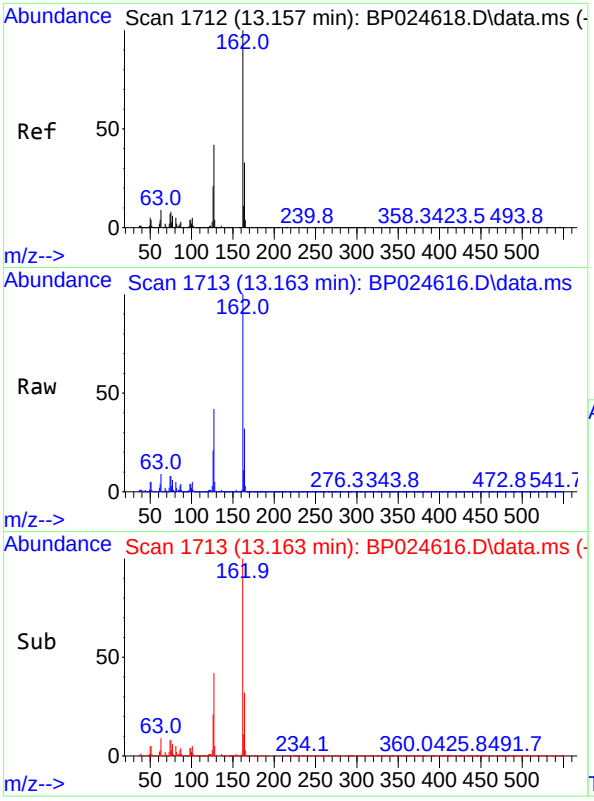


#46
1,1'-Biphenyl
Concen: 9.70 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 192445

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.5	0.0	31.5

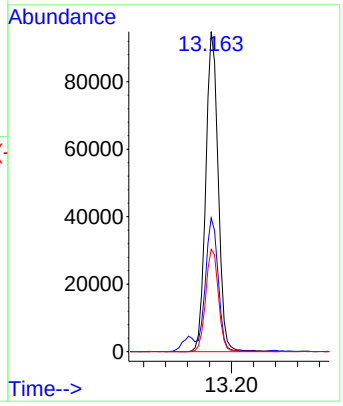




#47
2-Chloronaphthalene
Concen: 9.82 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:162 Resp: 14844

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	32.0	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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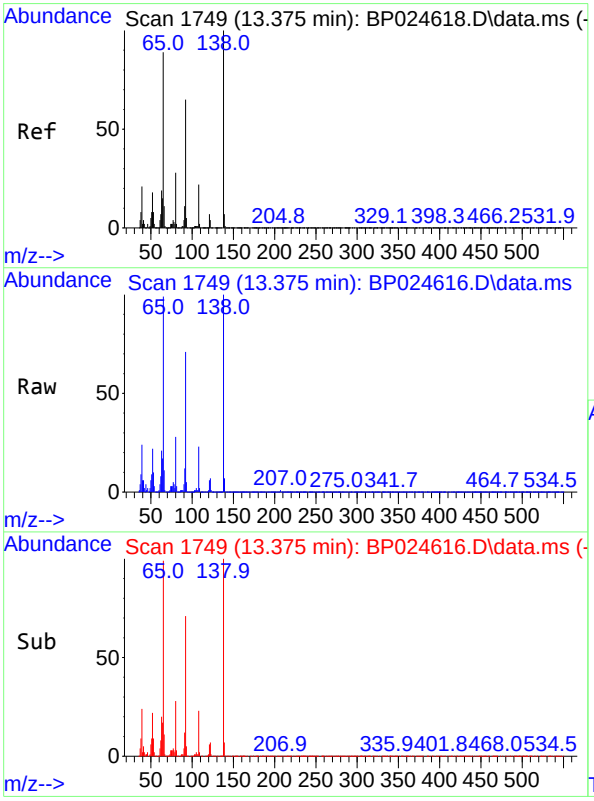
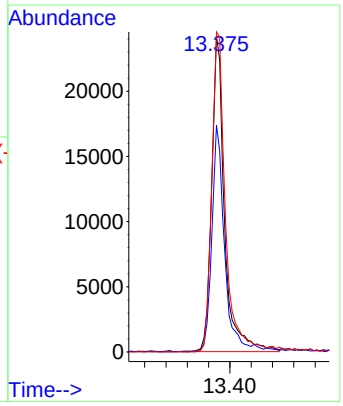
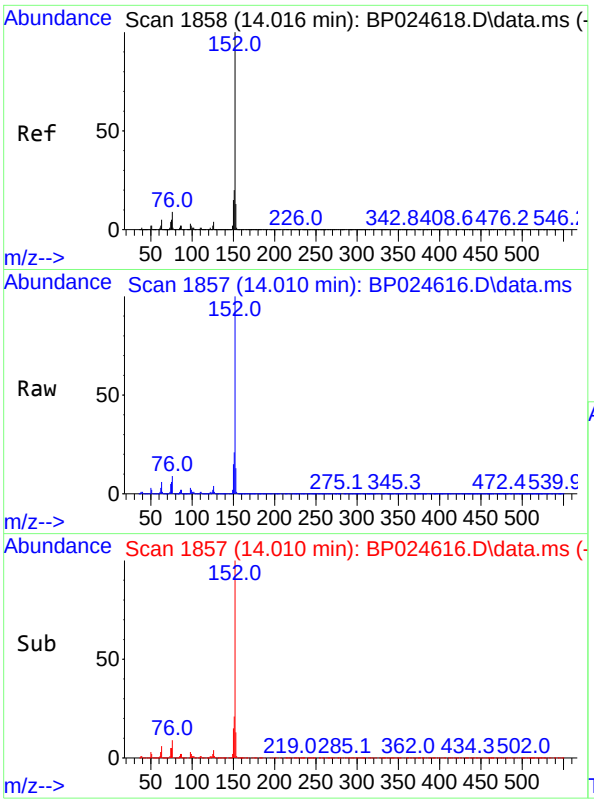


#48
2-Nitroaniline
Concen: 9.11 ng
RT: 13.375 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 65 Resp: 40786

Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.7	88.1
138	101.2	90.2	135.2

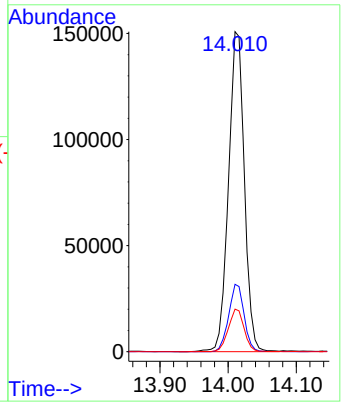




#49
Acenaphthylene
Concen: 9.64 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:152 Resp: 24391

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.3	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
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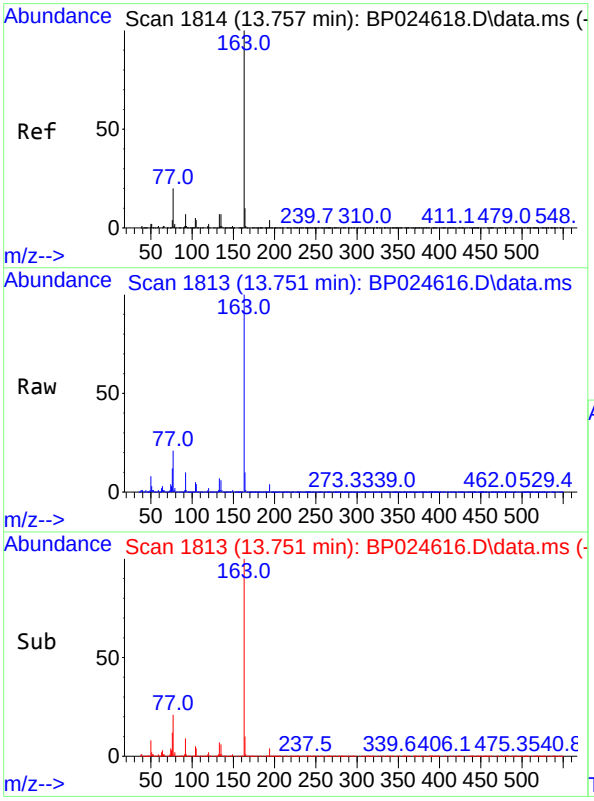
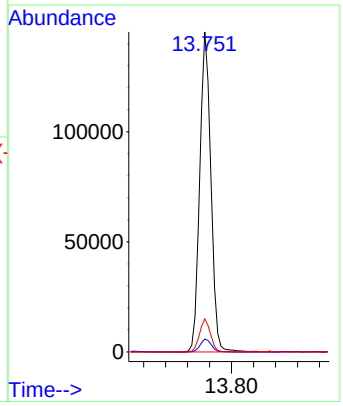
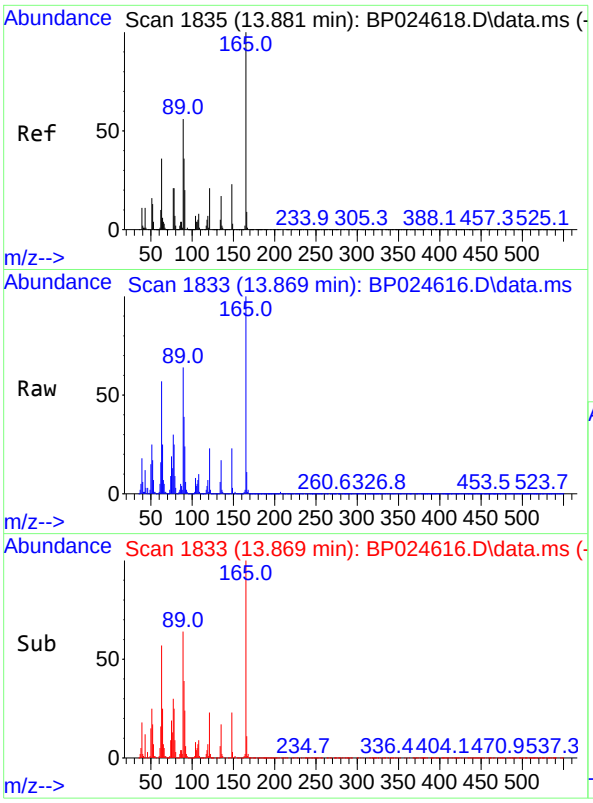


#50
Dimethylphthalate
Concen: 10.01 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:163 Resp: 204825

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.3	8.1	12.1

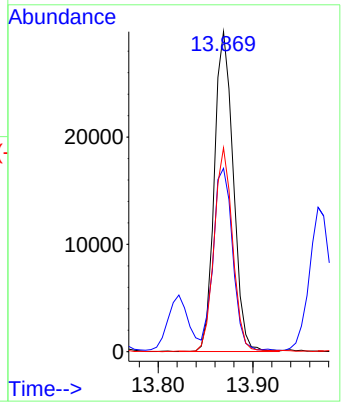




#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:165 Resp: 4125

Ion	Ratio	Lower	Upper
165	100		
63	57.3	42.4	63.6
89	63.7	44.8	67.2



Instrument :
BNA_P
ClientSampleId :
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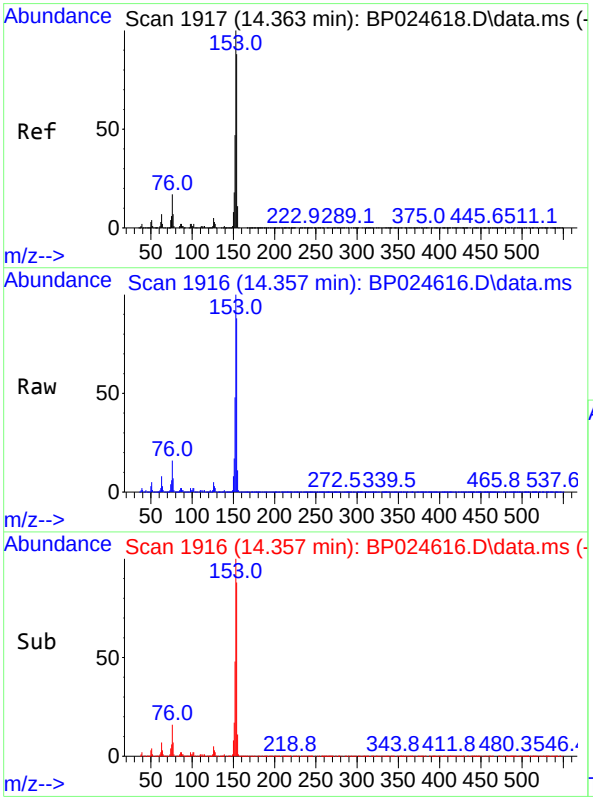
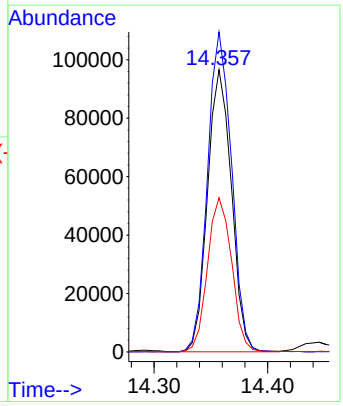
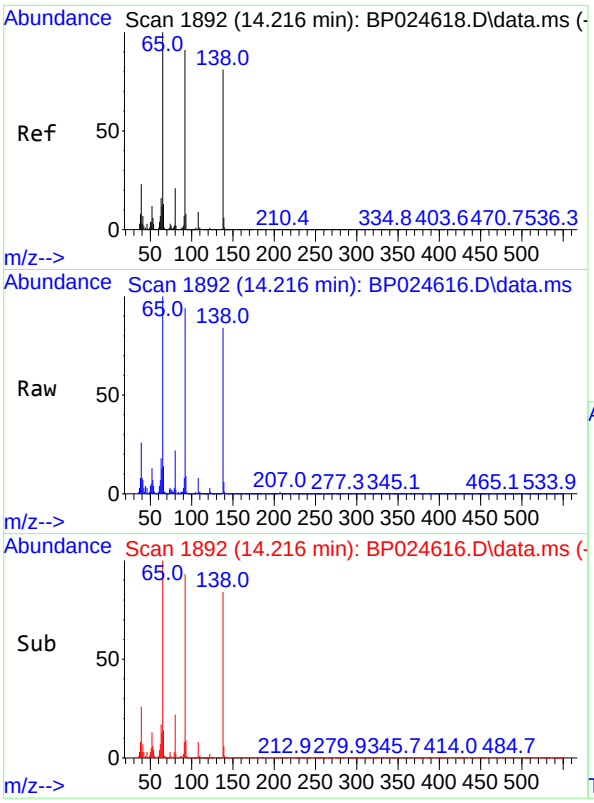


#52
Acenaphthene
Concen: 9.72 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:154 Resp: 141360

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.0	136.4
152	54.6	42.9	64.3

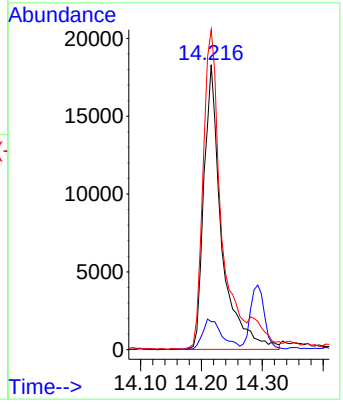




#53
3-Nitroaniline
Concen: 8.37 ng
RT: 14.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:138 Resp: 3690

Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.0	13.4
92	112.3	90.1	135.1



Instrument :
BNA_P
ClientSampleId :
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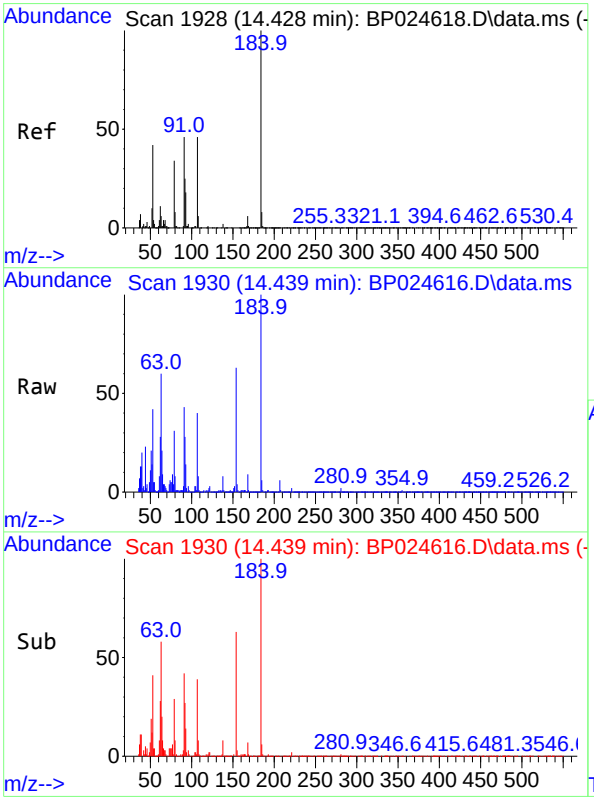
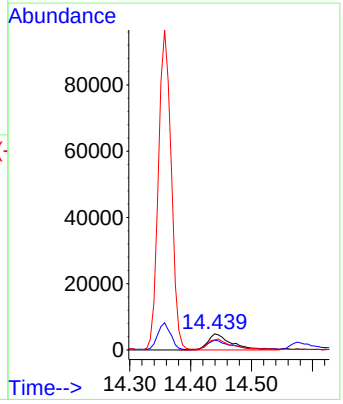
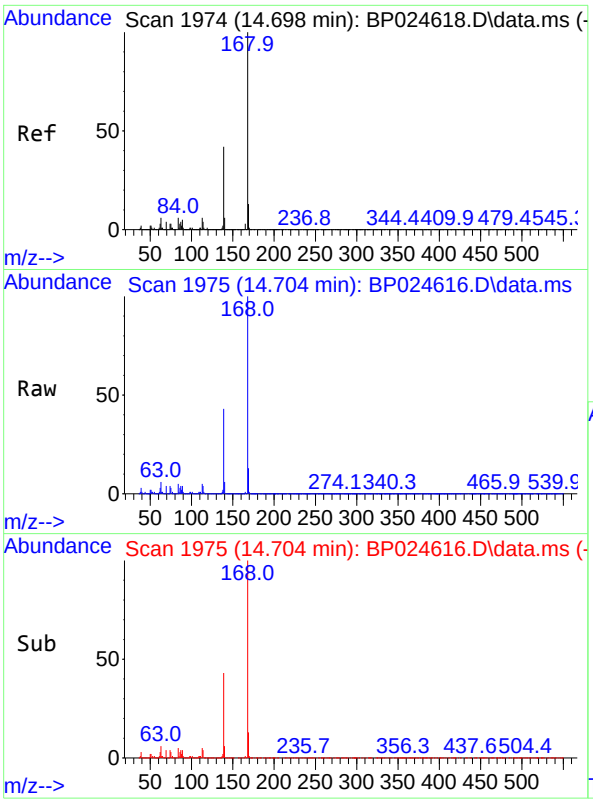


#54
2,4-Dinitrophenol
Concen: 10.84 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.011 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:184 Resp: 13128

Ion	Ratio	Lower	Upper
184	100		
63	60.3	51.3	76.9
154	62.9	53.5	80.3

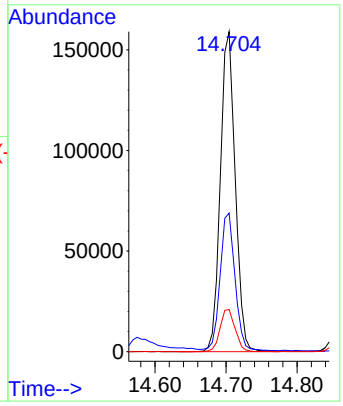




#55
Dibenzofuran
Concen: 9.92 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:168 Resp: 23028

Ion	Ratio	Lower	Upper
168	100		
139	43.3	34.2	51.4
169	13.2	10.8	16.2



Instrument :
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ClientSampleId :
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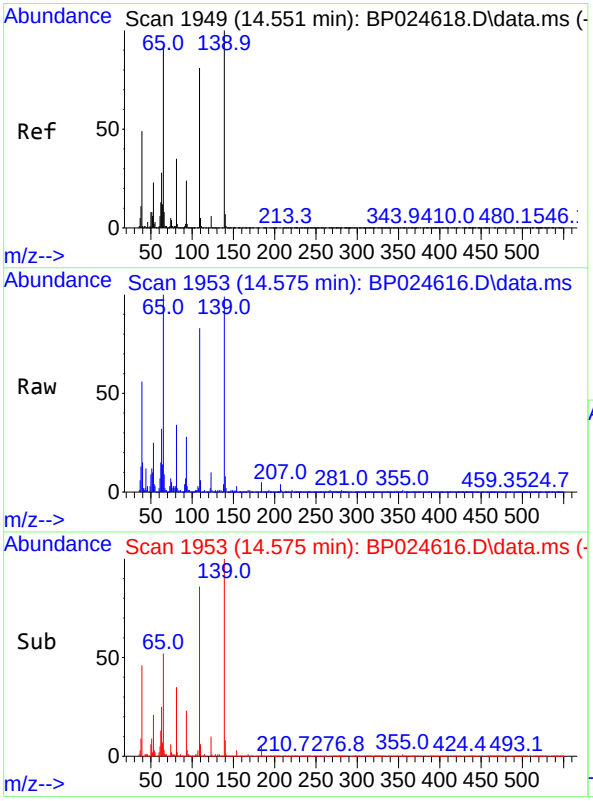
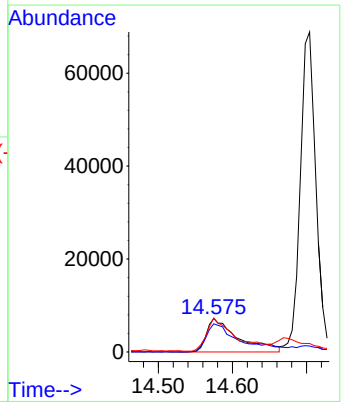
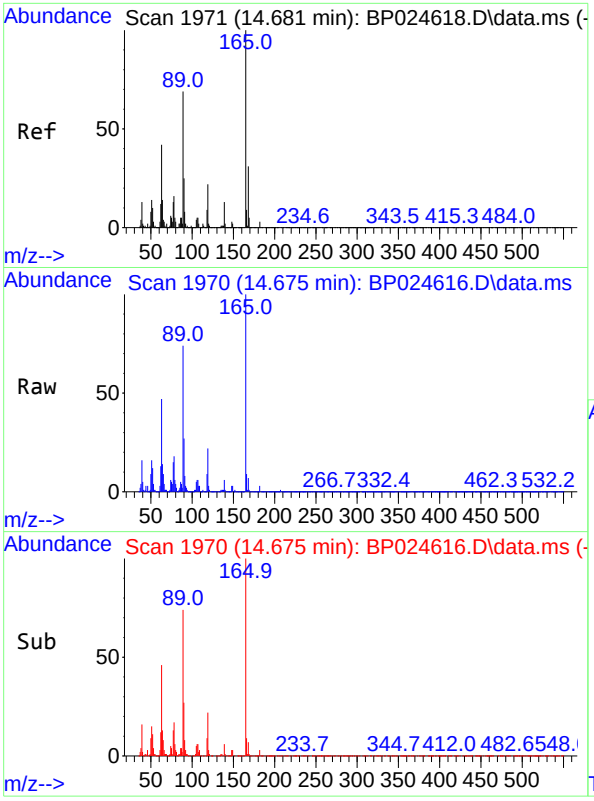


#56
4-Nitrophenol
Concen: 9.53 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:139 Resp: 21349

Ion	Ratio	Lower	Upper
139	100		
109	84.4	61.4	101.4
65	101.4	72.2	112.2

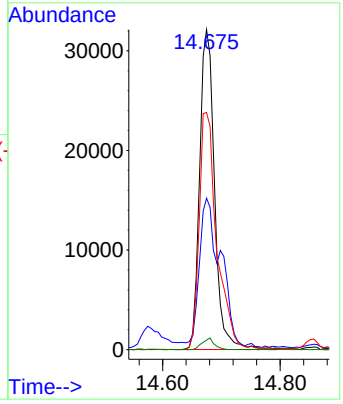




#57
2,4-Dinitrotoluene
Concen: 9.30 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:165 Resp: 5661

Ion	Ratio	Lower	Upper
165	100		
63	47.4	33.8	50.6
89	74.1	55.6	83.4
182	3.0	2.4	3.6



Instrument :
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ClientSampleId :
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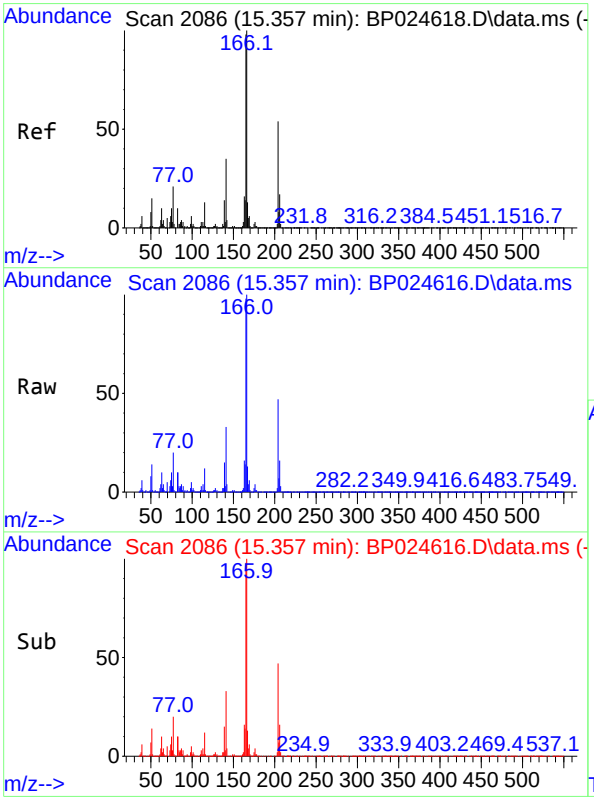
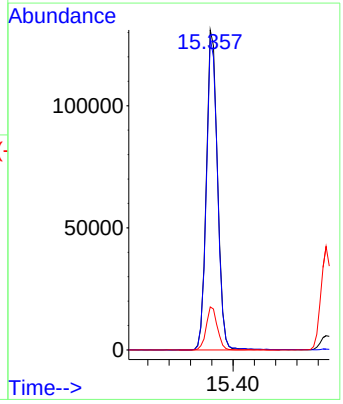
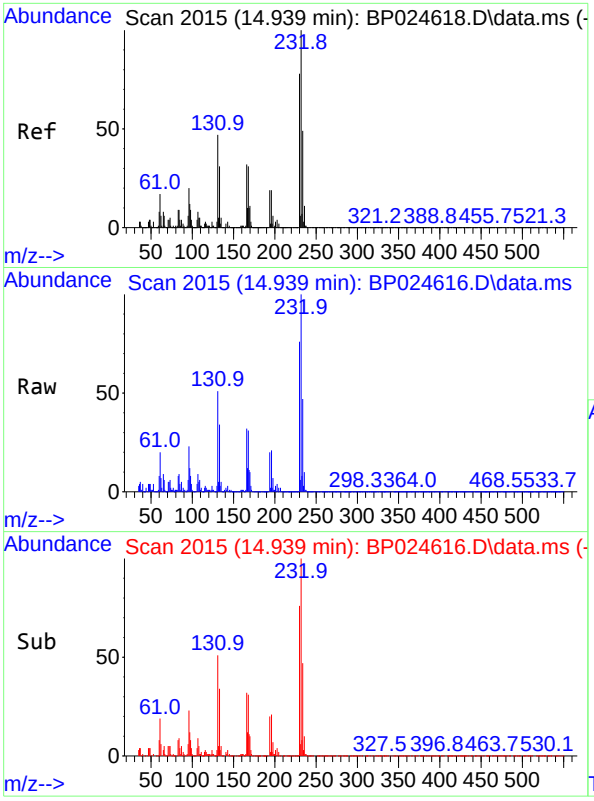


#58
Fluorene
Concen: 10.03 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:166 Resp: 189781

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.5	10.7	16.1

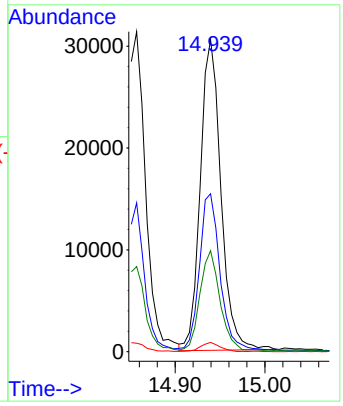




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.37 ng
RT: 14.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:232 Resp: 4882

Ion	Ratio	Lower	Upper
232	100		
131	50.6	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5



Instrument :
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ClientSampleId :
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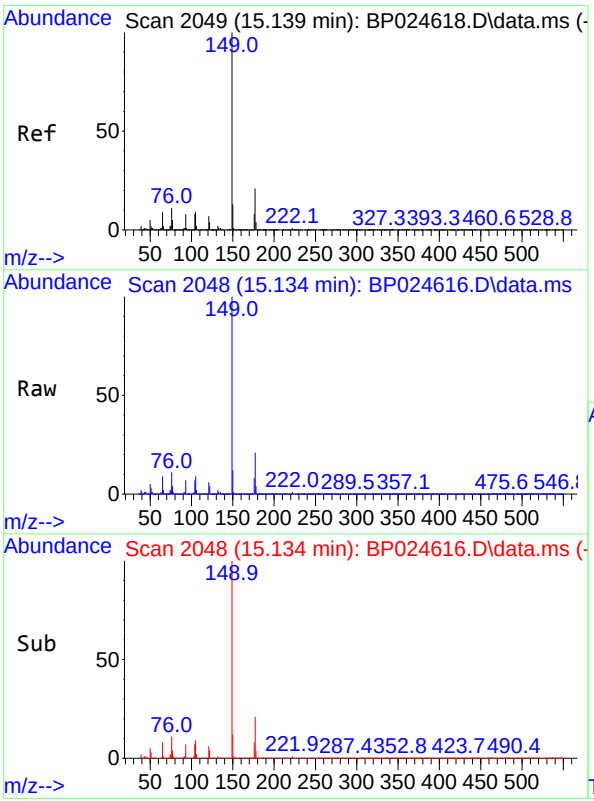
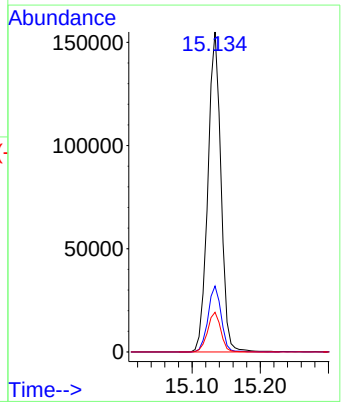
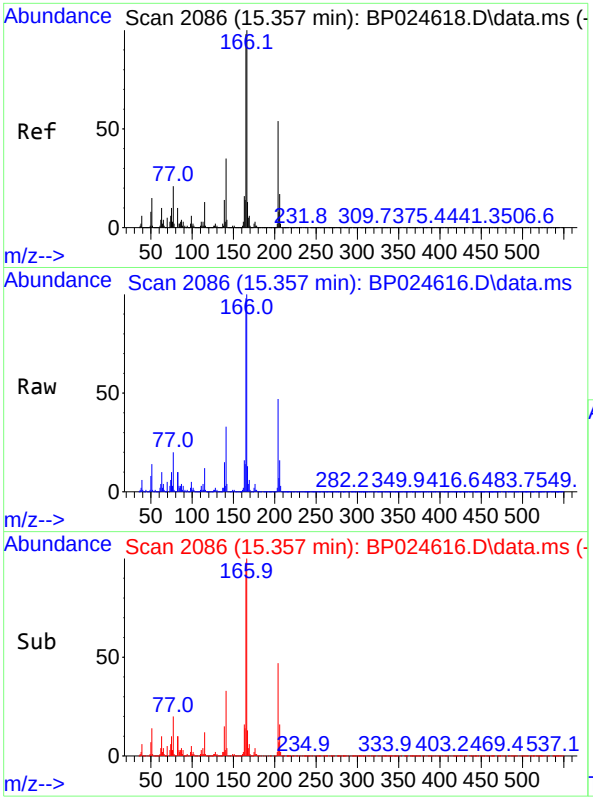


#60
Diethylphthalate
Concen: 10.01 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 206886

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	12.4	10.2	15.2

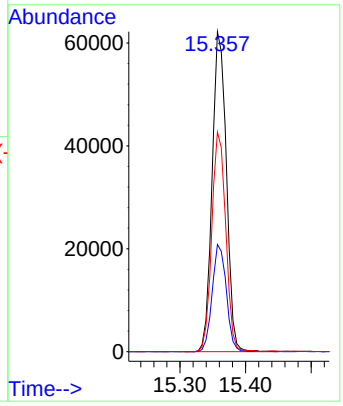




#61
4-Chlorophenyl-phenylether
Concen: 9.91 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:204 Resp: 9351

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	68.7	52.9	79.3



Instrument :
BNA_P
ClientSampleId :
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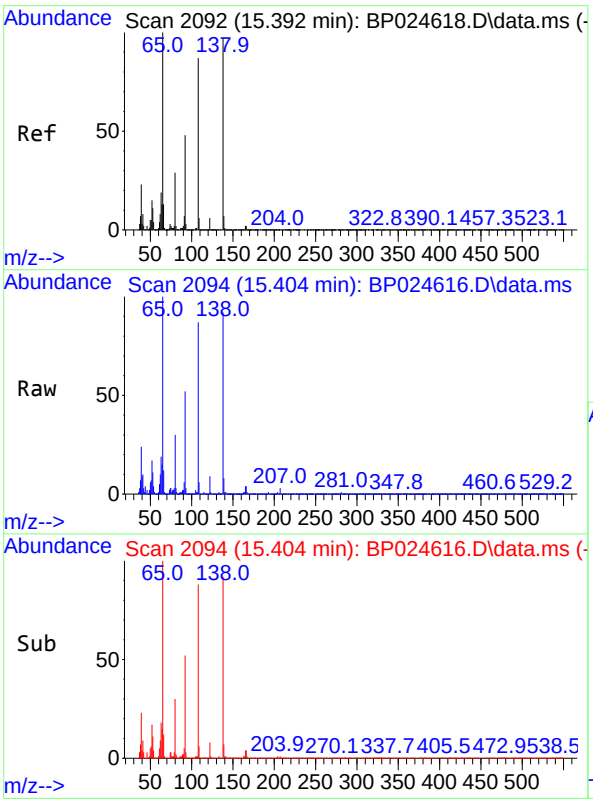
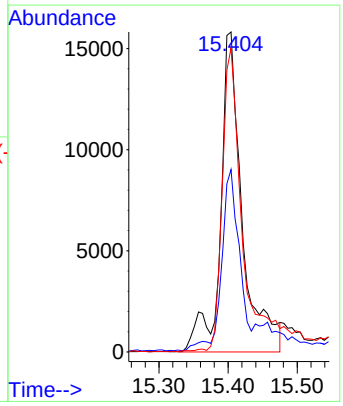
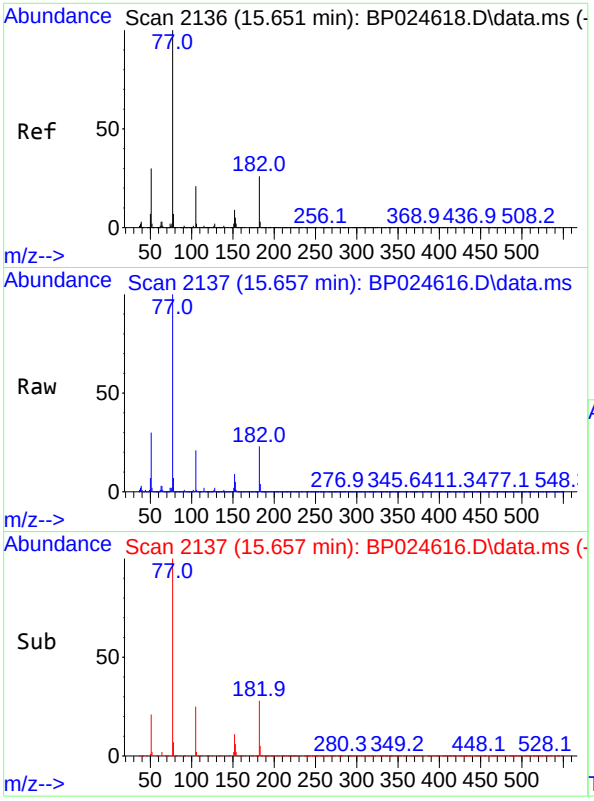


#62
4-Nitroaniline
Concen: 8.11 ng m
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:138 Resp: 34813

Ion	Ratio	Lower	Upper
138	100		
92	57.0	29.2	69.2
108	95.0	69.0	109.0

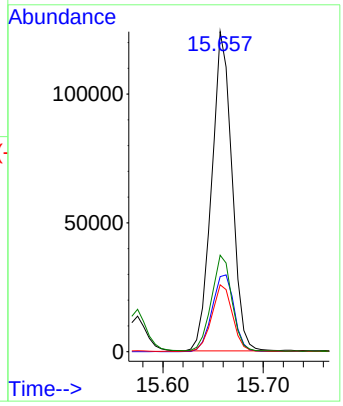




#63
Azobenzene
Concen: 9.86 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion: 77 Resp: 17432

Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.7	45.7
105	20.9	1.3	41.3
51	30.1	10.6	50.6



Instrument :
BNA_P
ClientSampleId :
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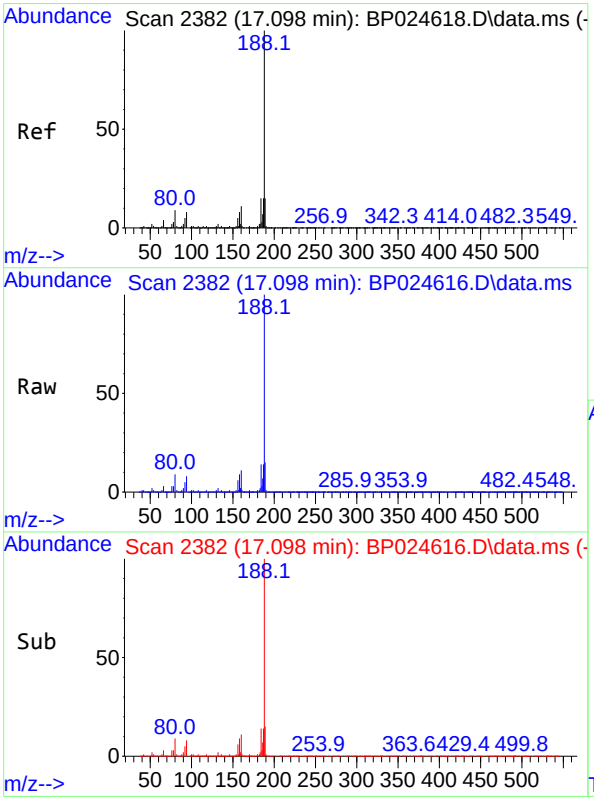
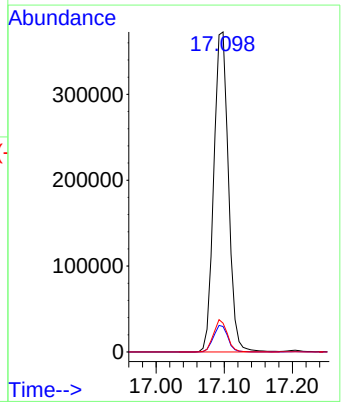
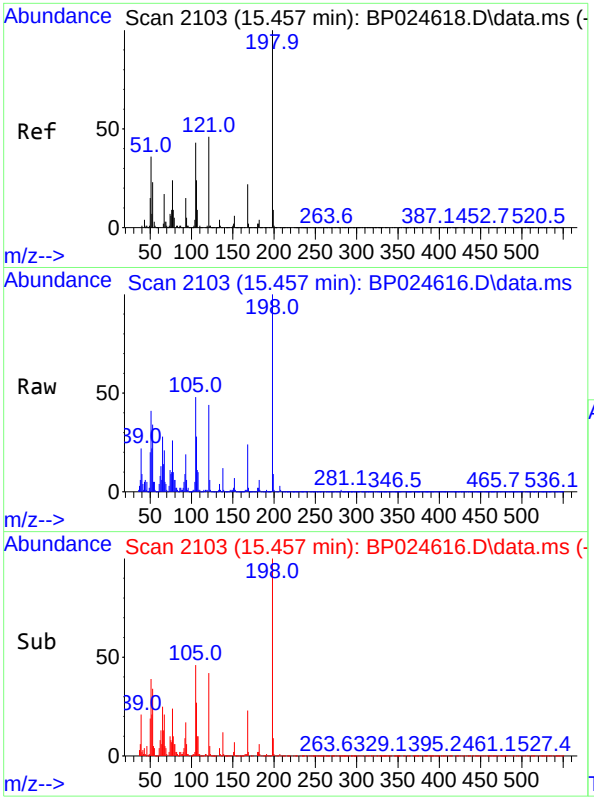


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:188 Resp: 556673

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.0	7.3	10.9

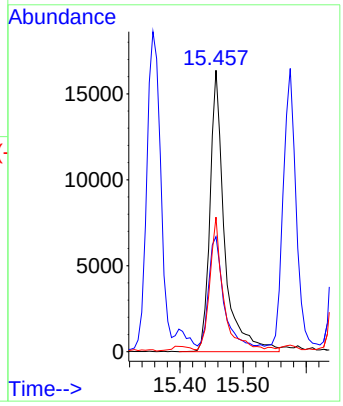




#65
4,6-Dinitro-2-methylphenol
Concen: 7.28 ng
RT: 15.457 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:198 Resp: 2617

Ion	Ratio	Lower	Upper
198	100		
51	40.9	21.1	61.1
105	47.8	23.6	63.6



Instrument :
BNA_P
ClientSampleId :
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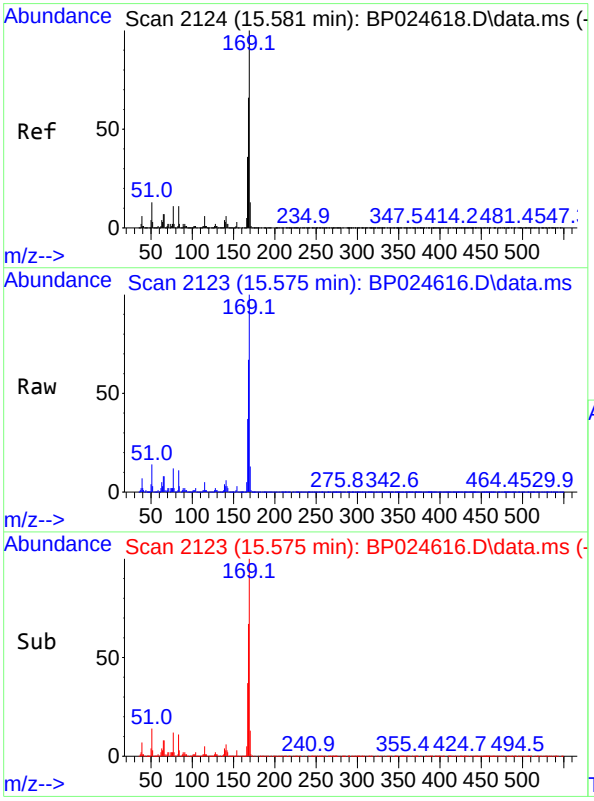
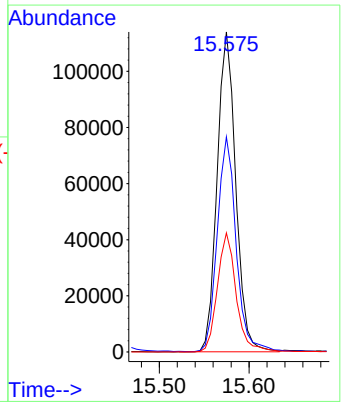
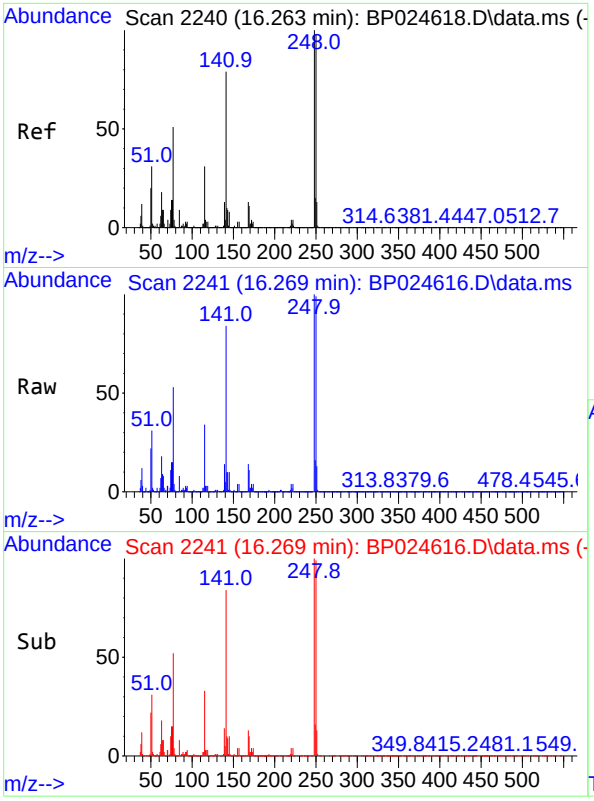


#66
n-Nitrosodiphenylamine
Concen: 9.59 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:169 Resp: 164008

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	37.2	28.6	43.0

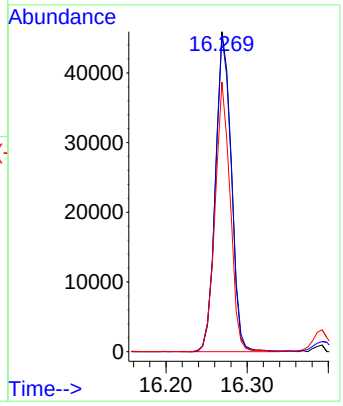




#67
4-Bromophenyl-phenylether
Concen: 9.45 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:248 Resp: 6201

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.2	117.4
141	84.3	63.0	94.6



Instrument :
BNA_P
ClientSampleId :
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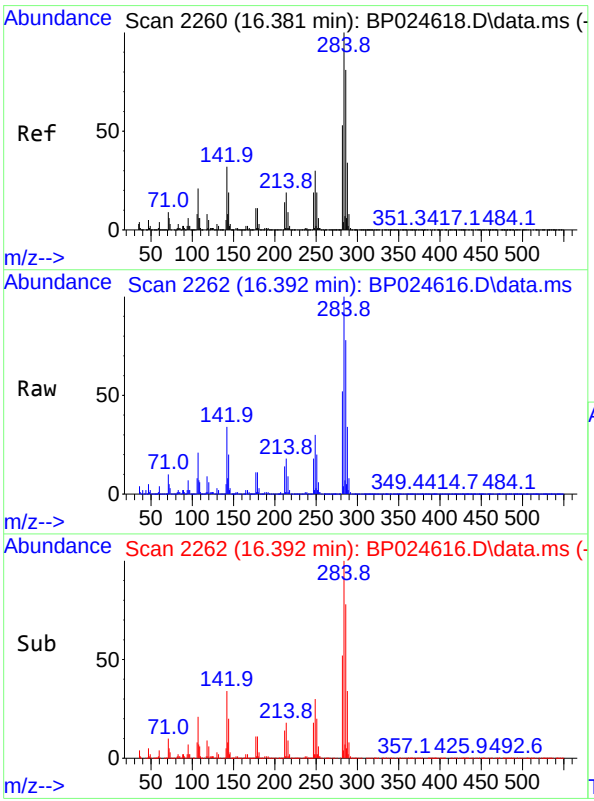
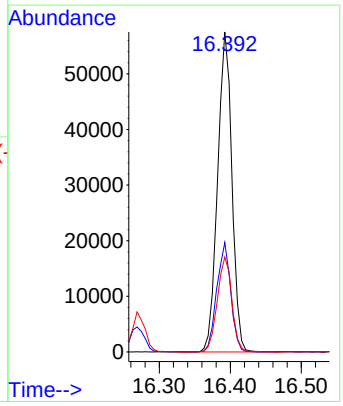
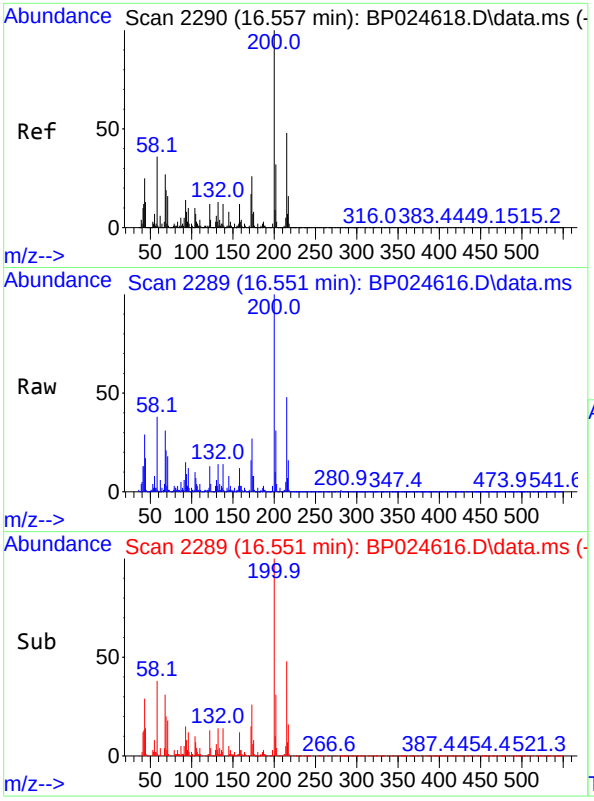


#68
Hexachlorobenzene
Concen: 9.61 ng
RT: 16.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:284 Resp: 80088

Ion	Ratio	Lower	Upper
284	100		
142	34.2	25.9	38.9
249	29.6	24.1	36.1

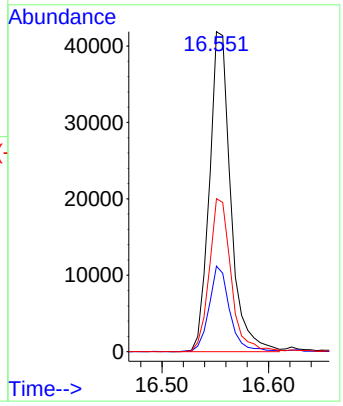




#69
Atrazine
Concen: 9.30 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:200 Resp: 5824

Ion	Ratio	Lower	Upper
200	100		
173	26.8	5.9	45.9
215	47.8	28.3	68.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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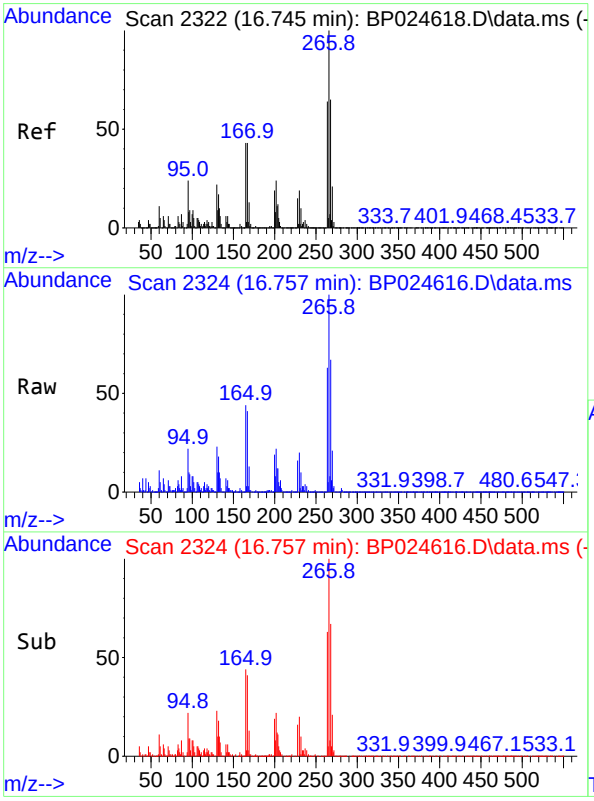
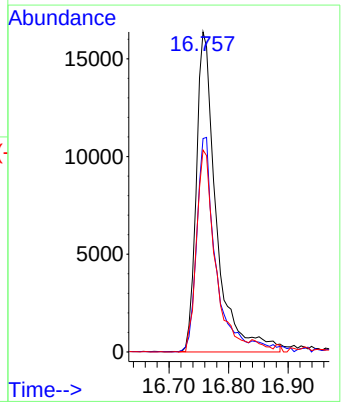
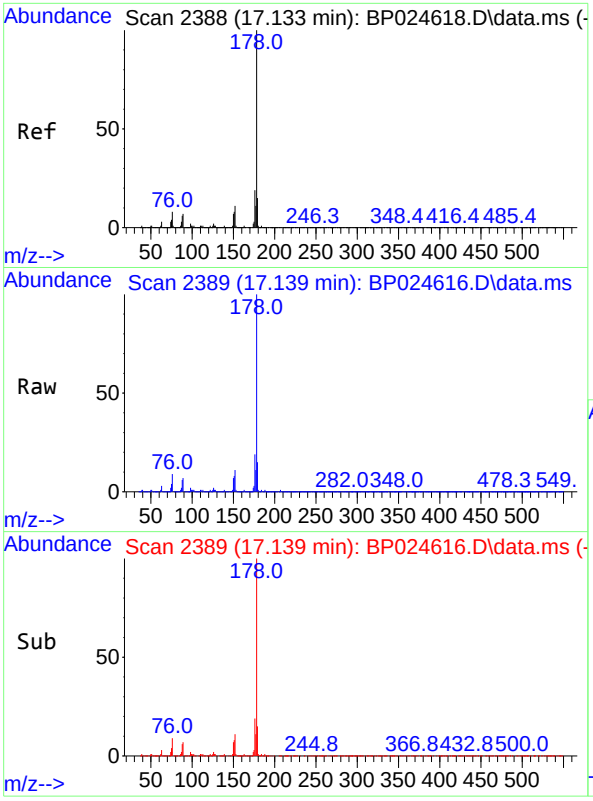


#70
Pentachlorophenol
Concen: 8.14 ng m
RT: 16.757 min Scan# 2324
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:266 Resp: 38095

Ion	Ratio	Lower	Upper
266	100		
268	66.7	52.2	78.4
264	63.1	51.1	76.7





#71
Phenanthrene
Concen: 9.75 ng
RT: 17.139 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:178 Resp: 30186

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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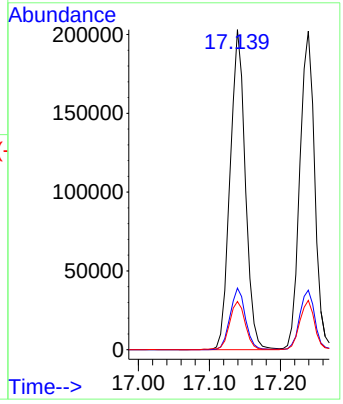
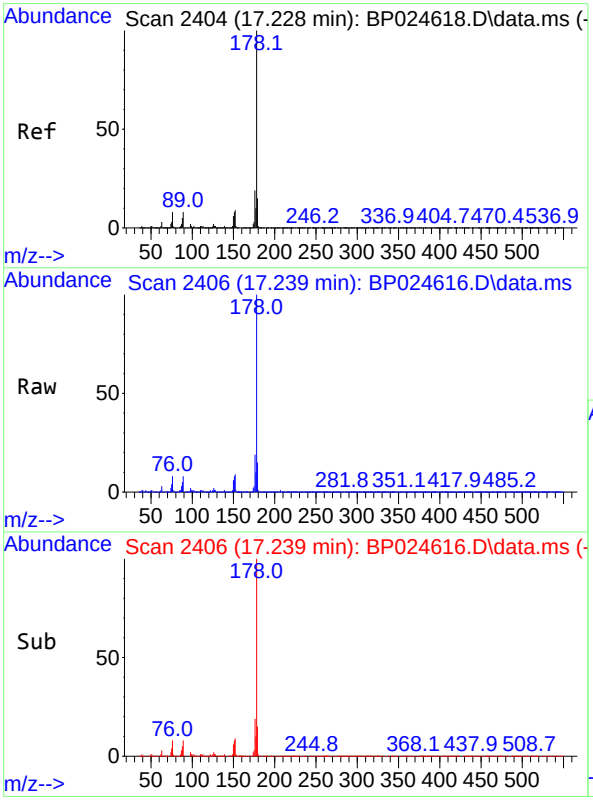
Supervised By :Jagrut Upadhyay 05/14/2025

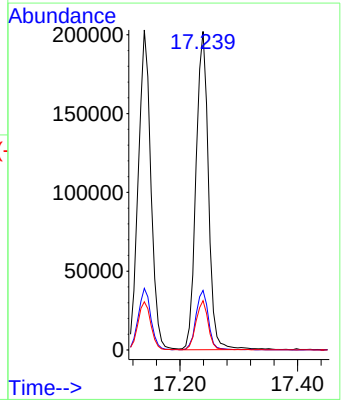


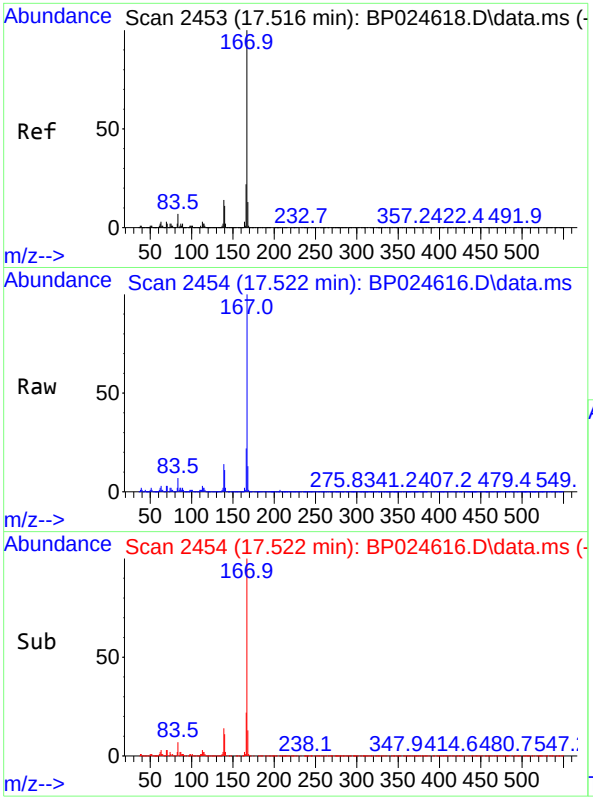


#72
Anthracene
Concen: 9.51 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:178 Resp: 296146

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.5	12.2	18.2

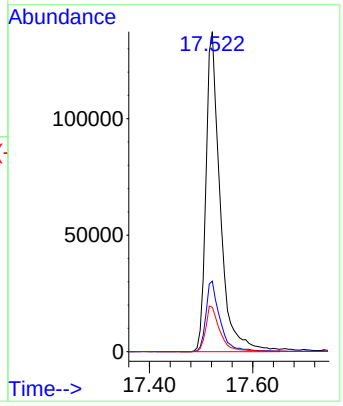




#73
Carbazole
Concen: 9.32 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:167 Resp: 26268

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.9	11.3	16.9



Instrument :
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ClientSampleId :
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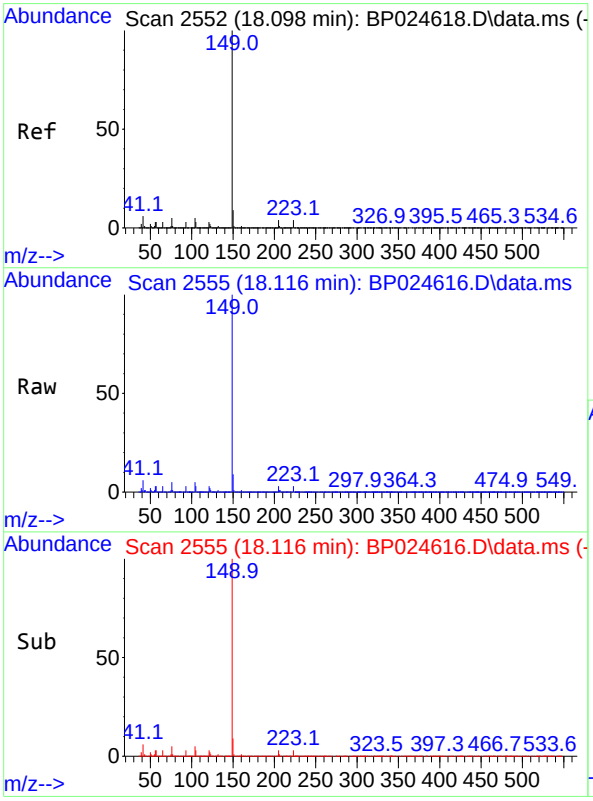
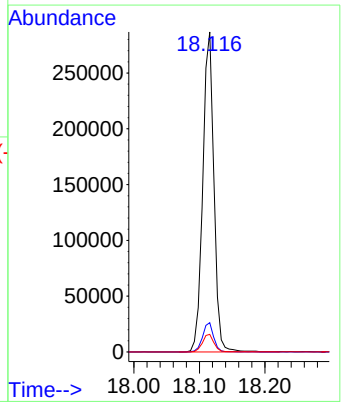
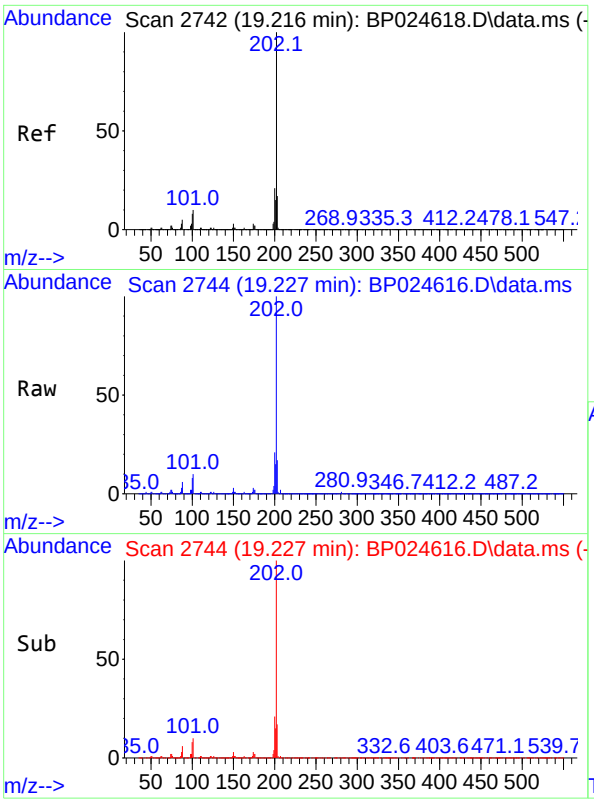


#74
Di-n-butylphthalate
Concen: 9.35 ng
RT: 18.116 min Scan# 2555
Delta R.T. 0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 338893

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.5	4.3	6.5

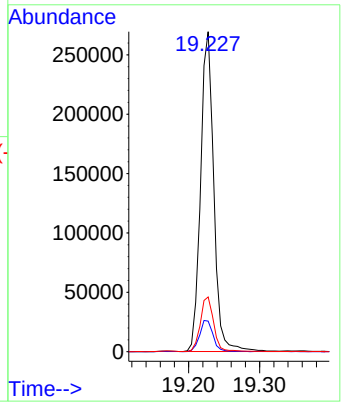




#75
Fluoranthene
Concen: 9.65 ng
RT: 19.227 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 34908

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.3
203	17.1	0.0	37.5



Instrument :
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ClientSampleId :
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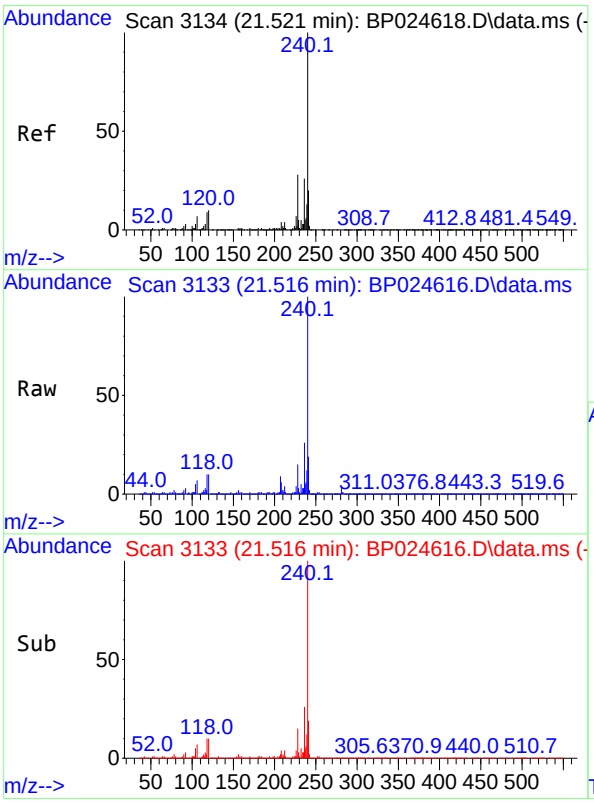
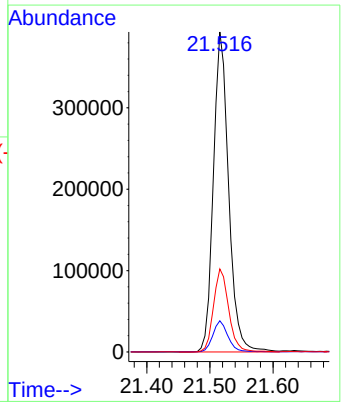
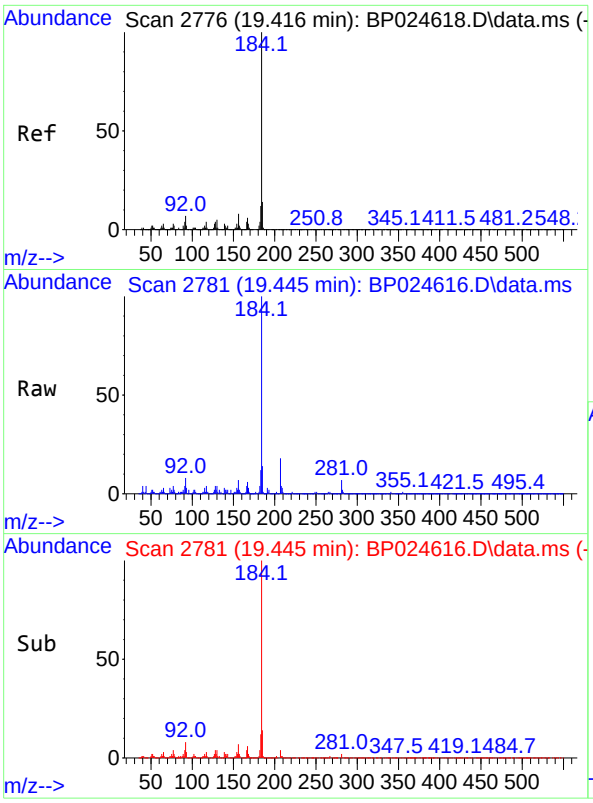


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:240 Resp: 659092

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	25.9	20.6	31.0

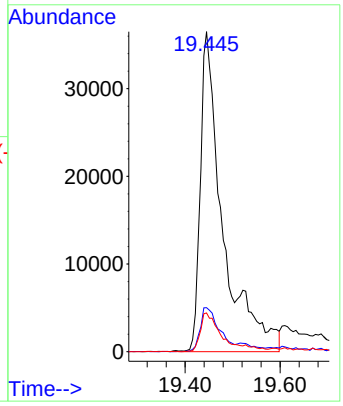




#77
Benzidine
Concen: 6.59 ng m
RT: 19.445 min Scan# 2
Delta R.T. 0.029 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:184 Resp: 11922

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.1	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
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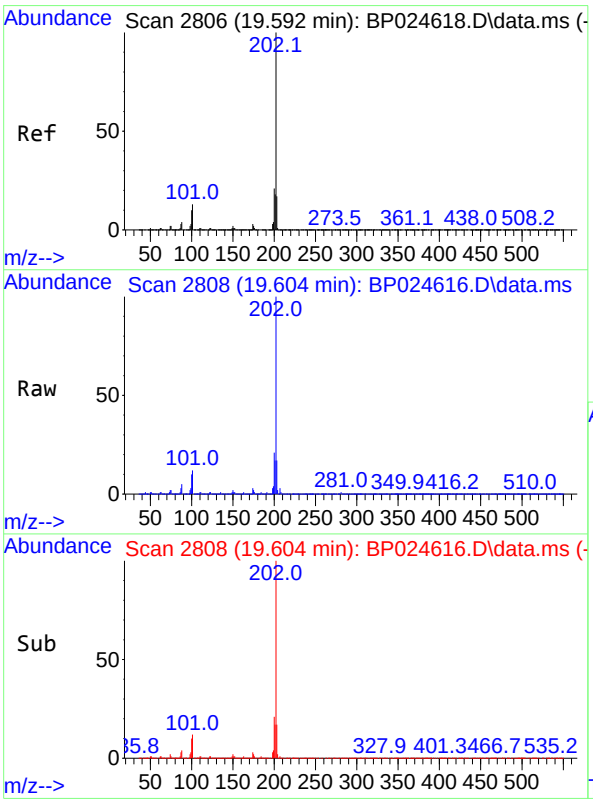
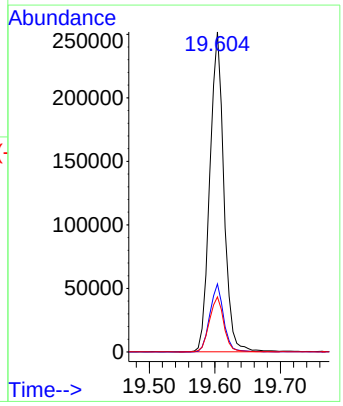
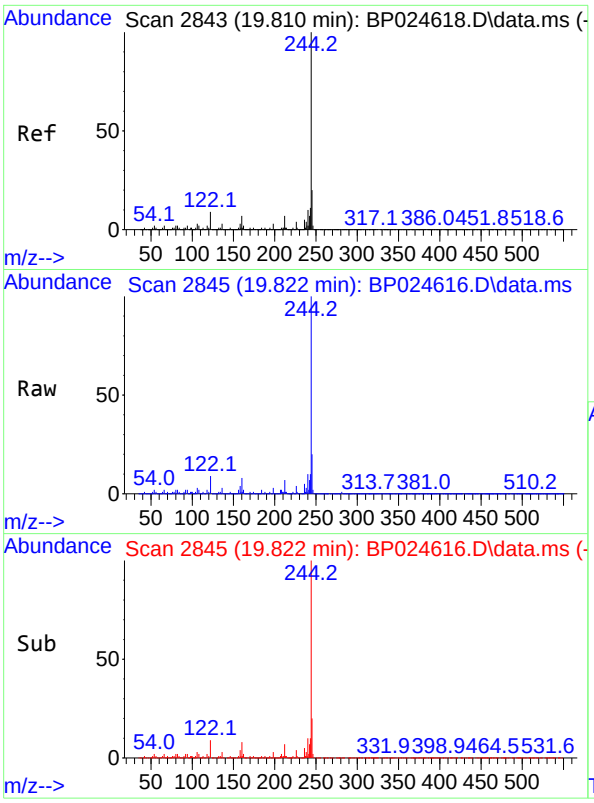


#78
Pyrene
Concen: 9.48 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:202 Resp: 374573

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.2	13.9	20.9

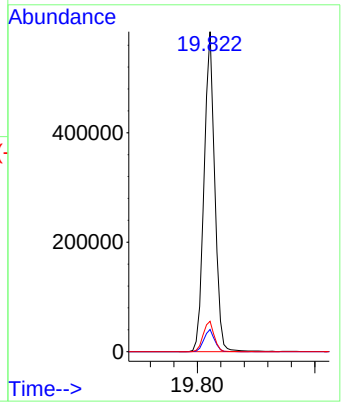




#79
Terphenyl-d14
Concen: 19.09 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:244 Resp: 73368

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
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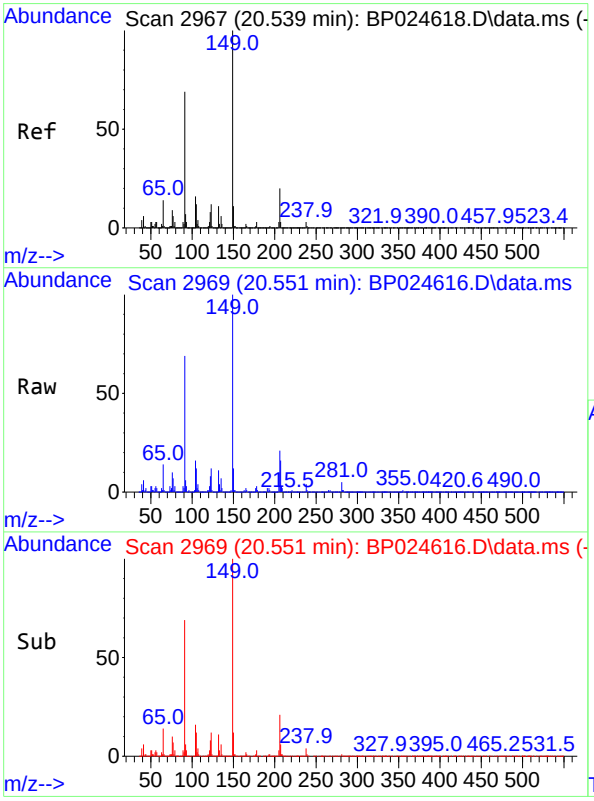
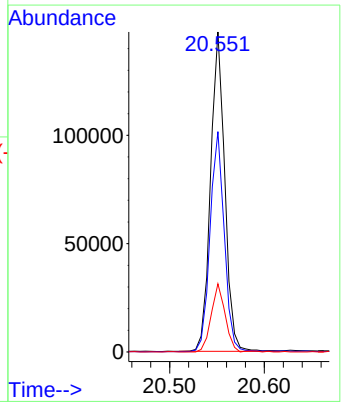
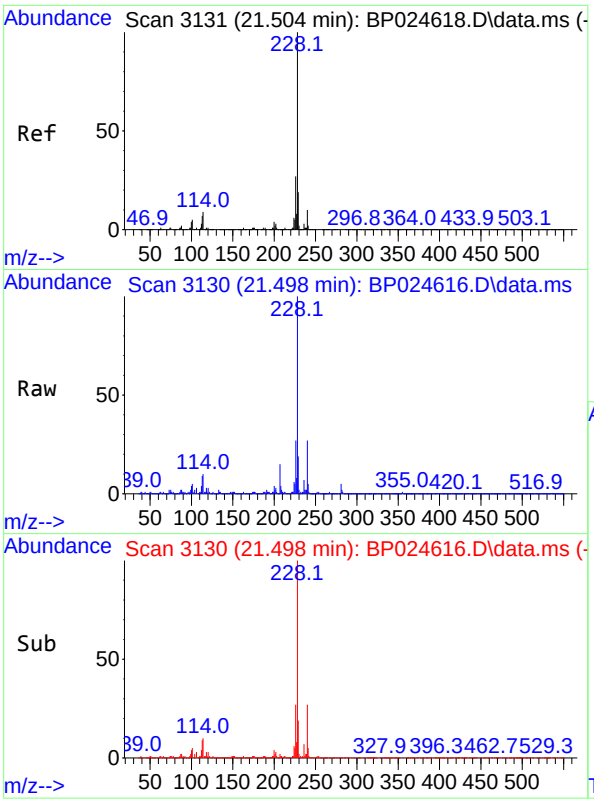


#80
Butylbenzylphthalate
Concen: 8.73 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 153275

Ion	Ratio	Lower	Upper
149	100		
91	68.8	55.4	83.0
206	21.3	16.2	24.2

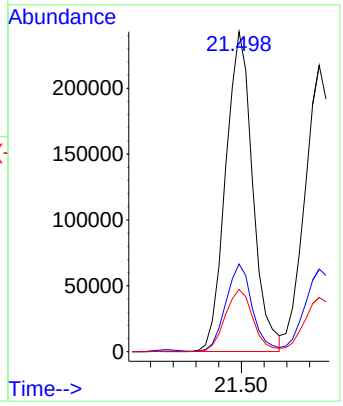




#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:228 Resp: 40132

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.0
229	19.5	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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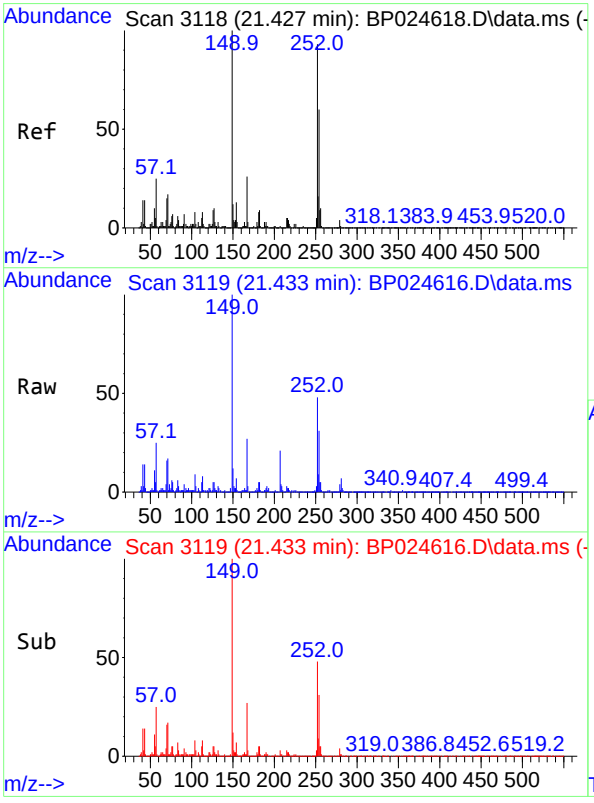
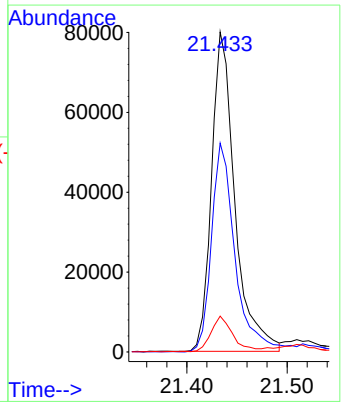
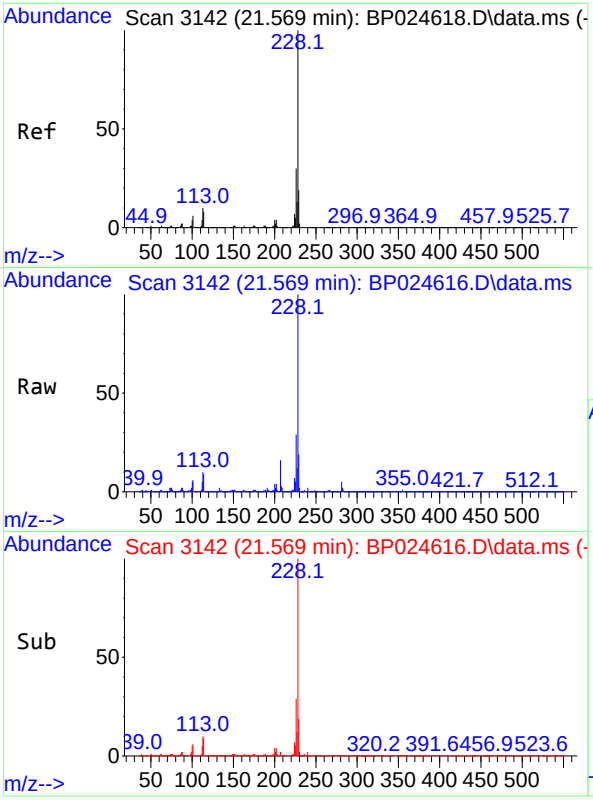


#82
3,3'-Dichlorobenzidine
Concen: 8.41 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 129324

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	11.2	7.7	11.5

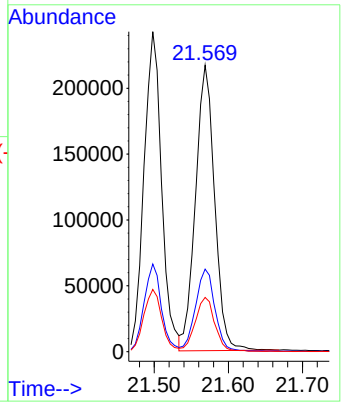




#83
Chrysene
Concen: 9.91 ng
RT: 21.569 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:228 Resp: 38884

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.0	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
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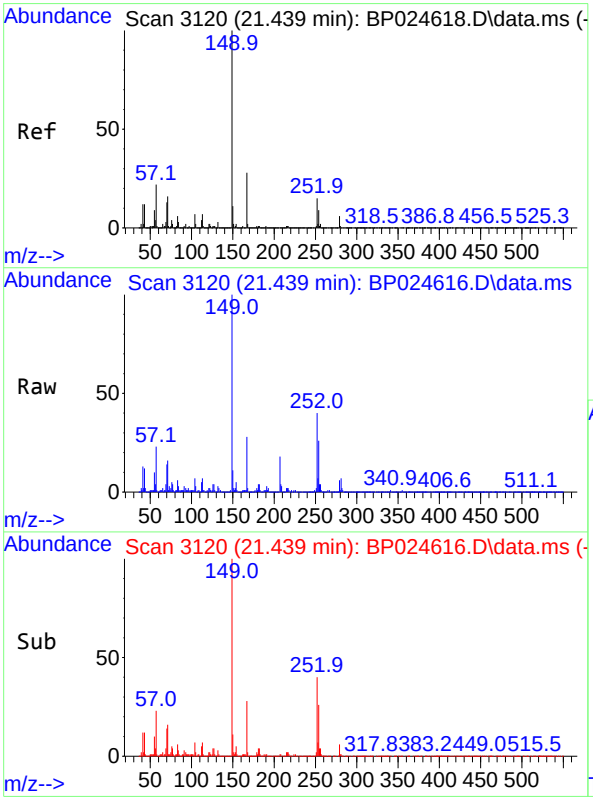
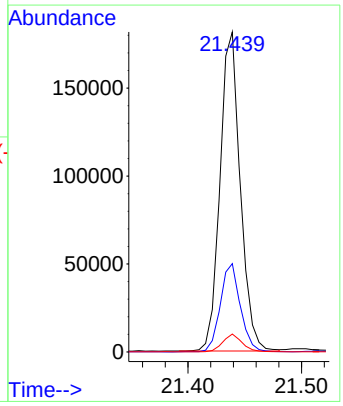
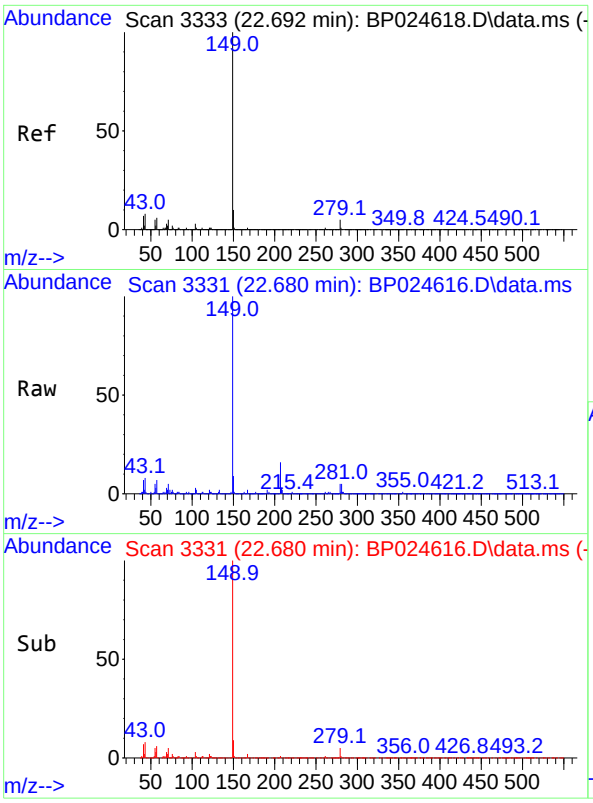


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.72 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 225047

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.6	4.6	6.8





#85
Di-n-octyl phthalate
Concen: 8.72 ng
RT: 22.680 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:149 Resp: 36793

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	6.3	9.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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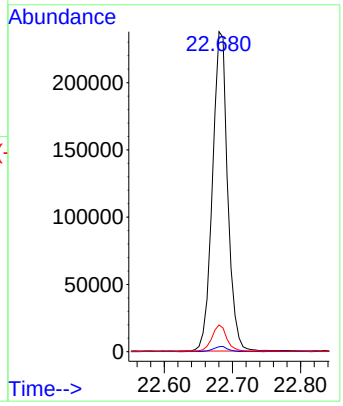
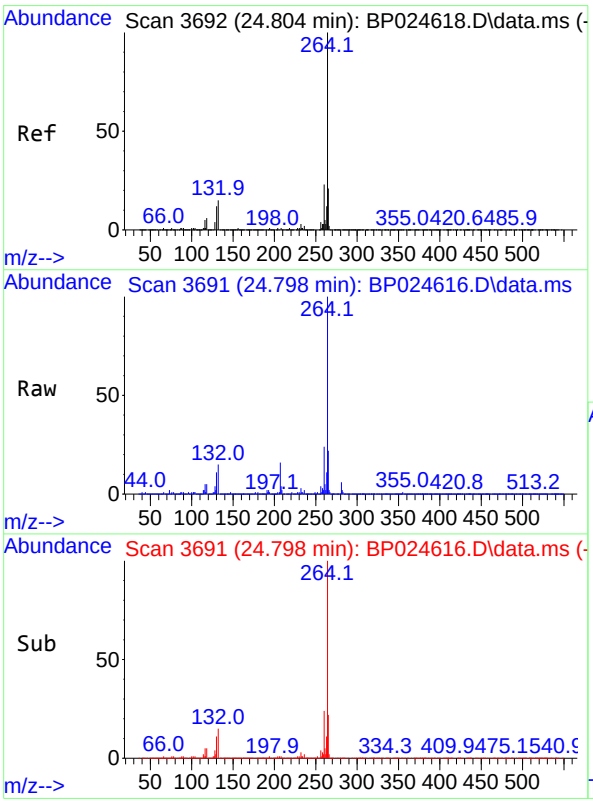
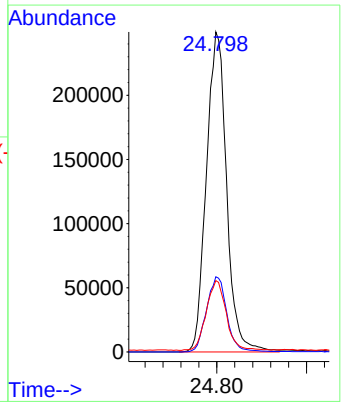


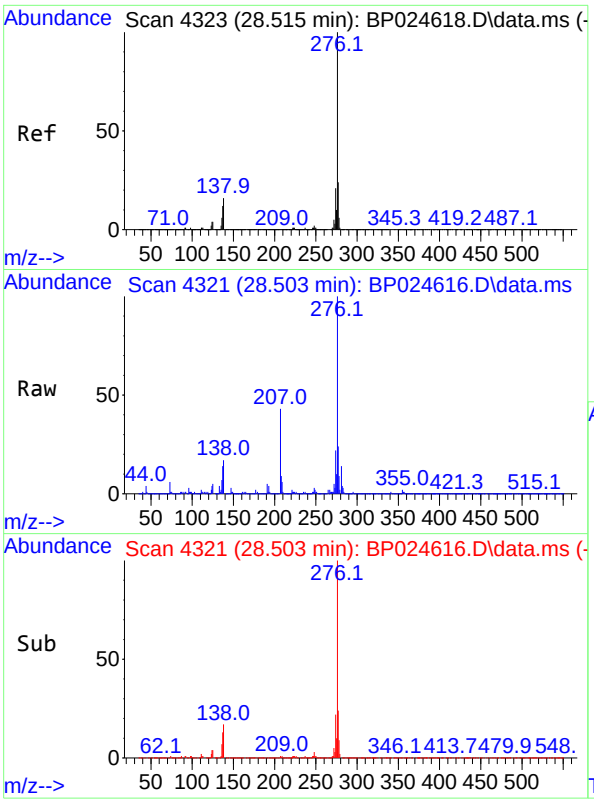


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:264 Resp: 780142

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	17.0	25.6

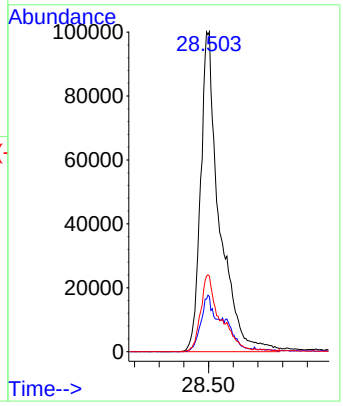




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.29 ng
RT: 28.503 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:276 Resp: 52926

Ion	Ratio	Lower	Upper
276	100		
138	15.5	11.2	16.8
277	24.8	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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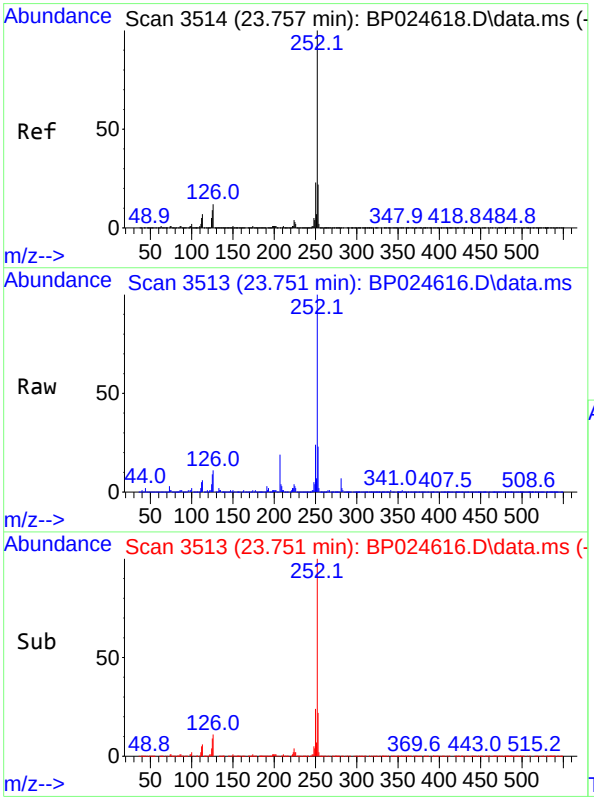
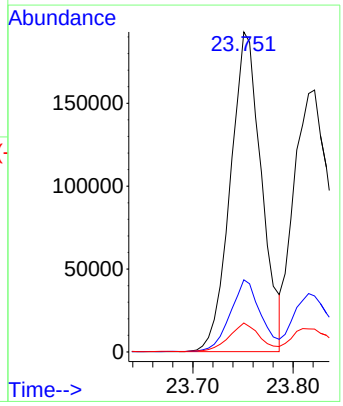
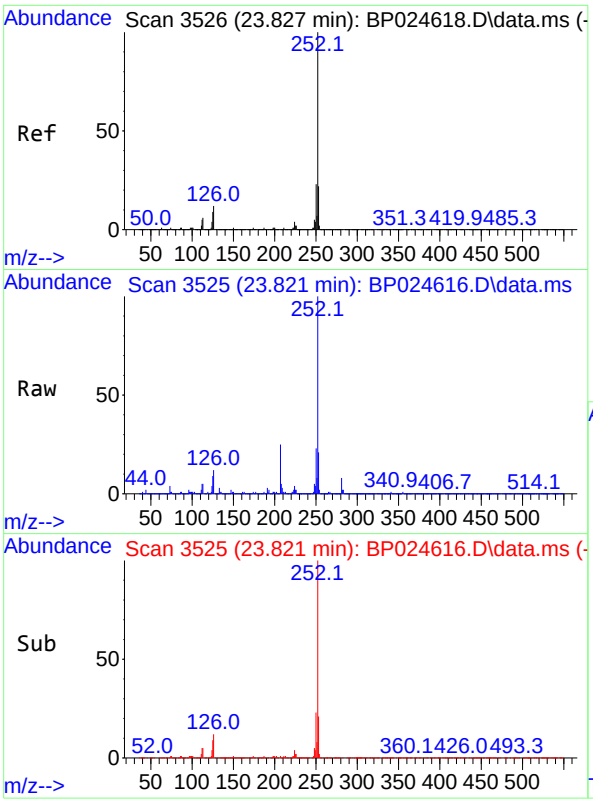


#88
Benzo(b)fluoranthene
Concen: 9.35 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 417343

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.1	7.5	11.3

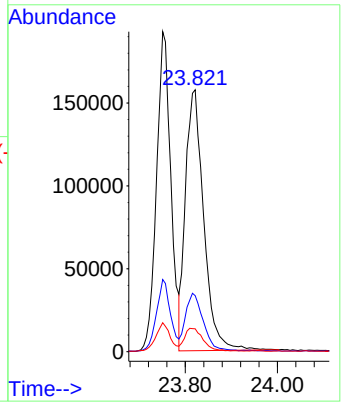




#89
Benzo(k)fluoranthene
Concen: 9.38 ng
RT: 23.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 43157

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.7	7.0	10.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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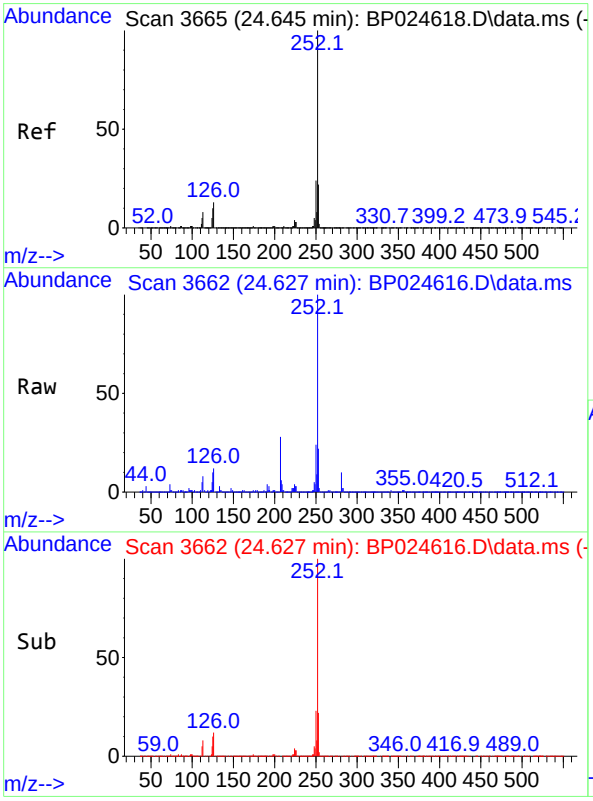
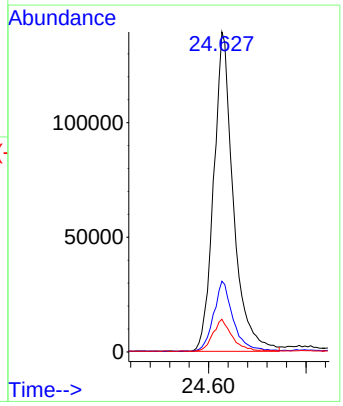
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

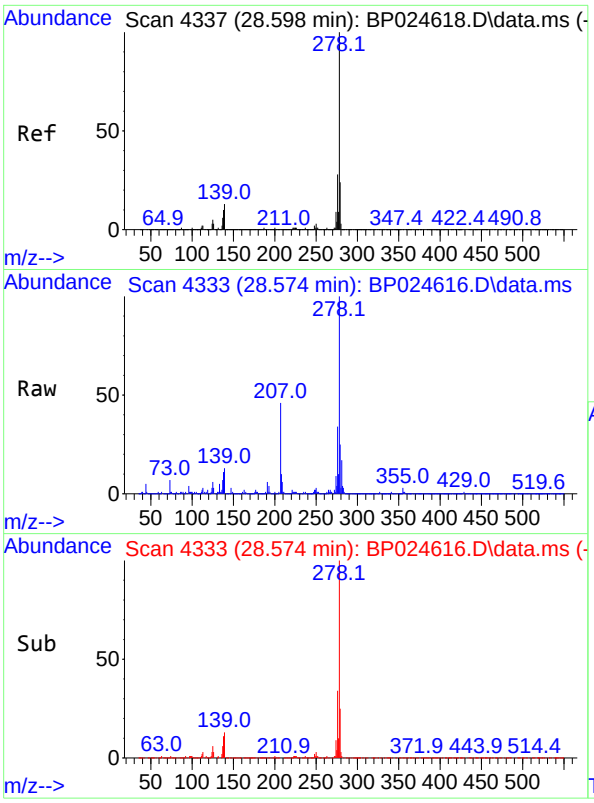


#90
Benzo(a)pyrene
Concen: 9.10 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.018 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:252 Resp: 390288

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1

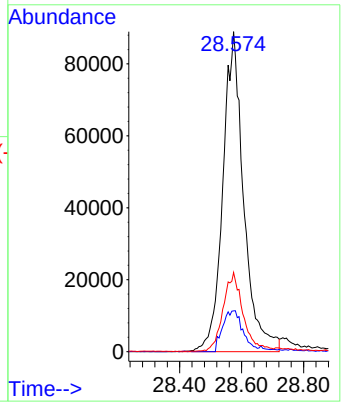




#91
Dibenzo(a,h)anthracene
Concen: 8.97 ng
RT: 28.574 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:278 Resp: 41576

Ion	Ratio	Lower	Upper
278	100		
139	12.7	10.2	15.4
279	24.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

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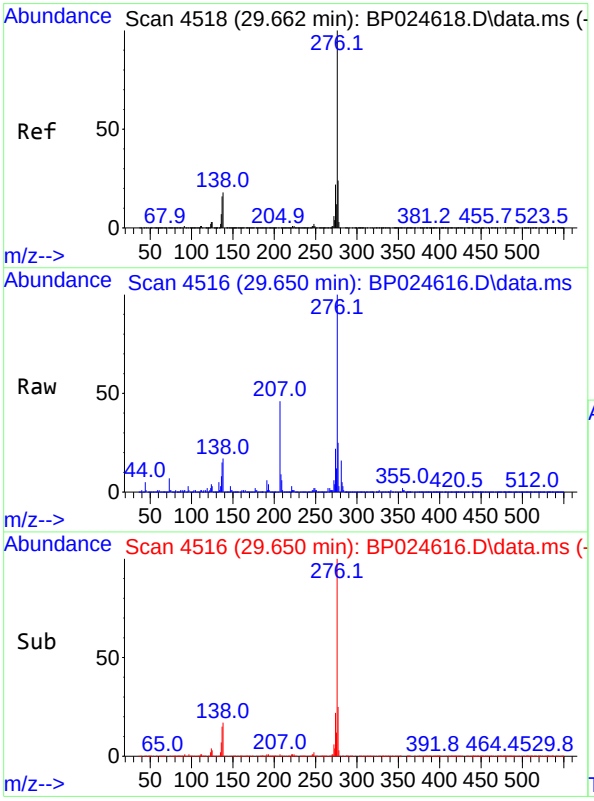
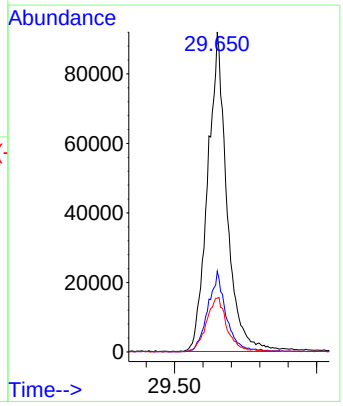
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 9.37 ng
RT: 29.650 min Scan# 4516
Delta R.T. -0.012 min
Lab File: BP024616.D
Acq: 13 May 2025 12:03

Tgt Ion:276 Resp: 431559

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	16.8	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	112650	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	488721	20.00	ng		0.00
39) Acenaphthene-d10	14.299	164	323928	20.00	ng		0.00
64) Phenanthrene-d10	17.087	188	644367	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	745224	20.00	ng		0.00
86) Perylene-d12	24.792	264	850264	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	261821	39.75	ng		0.00
7) Phenol-d6	6.858	99	334811	39.83	ng		0.00
23) Nitrobenzene-d5	8.811	82	391739	40.50	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	217092	39.53	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	1006150	40.69	ng		0.00
79) Terphenyl-d14	19.810	244	1736879	39.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.229	88	60251	19.48	ng		98
3) Pyridine	3.628	79	135451	19.75	ng		99
4) n-Nitrosodimethylamine	3.540	42	59324	19.59	ng		99
6) Aniline	7.005	93	217646	20.05	ng		100
8) 2-Chlorophenol	7.240	128	147726	19.76	ng		99
9) Benzaldehyde	6.822	77	117823m	21.69	ng		
10) Phenol	6.881	94	171949	19.82	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	141599	19.86	ng		99
12) 1,3-Dichlorobenzene	7.552	146	171270	19.91	ng		99
13) 1,4-Dichlorobenzene	7.699	146	171756	19.85	ng		98
14) 1,2-Dichlorobenzene	8.011	146	168795	20.02	ng		99
15) Benzyl Alcohol	7.911	79	127076	19.89	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	171274	20.06	ng		100
17) 2-Methylphenol	8.111	107	124506	20.01	ng		99
18) Hexachloroethane	8.728	117	65527	19.76	ng		97
19) n-Nitroso-di-n-propyla...	8.458	70	122386	21.05	ng		98
20) 3+4-Methylphenols	8.440	107	169264	20.00	ng		97
22) Acetophenone	8.481	105	249692	20.45	ng	#	100
24) Nitrobenzene	8.858	77	173686	20.40	ng		99
25) Isophorone	9.375	82	339697	20.25	ng		100
26) 2-Nitrophenol	9.563	139	82278	19.73	ng		98
27) 2,4-Dimethylphenol	9.622	122	146819	19.96	ng		97
28) bis(2-Chloroethoxy)met...	9.852	93	200872	20.04	ng		99
29) 2,4-Dichlorophenol	10.099	162	141785	19.90	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	159998	19.92	ng		95
31) Naphthalene	10.481	128	512888	20.25	ng		100
32) Benzoic acid	9.746	122	71538m	18.73	ng		
33) 4-Chloroaniline	10.605	127	205433	20.10	ng		99
34) Hexachlorobutadiene	10.763	225	103364	19.87	ng		99
35) Caprolactam	11.381	113	50721	19.68	ng		99
36) 4-Chloro-3-methylphenol	11.734	107	174840	20.12	ng		99
37) 2-Methylnaphthalene	12.093	142	327447	19.97	ng		99
38) 1-Methylnaphthalene	12.316	142	352091	20.07	ng		100
40) 1,2,4,5-Tetrachloroben...	12.469	216	185982	19.77	ng		99
41) Hexachlorocyclopentadiene	12.440	237	113499	19.90	ng		98
43) 2,4,6-Trichlorophenol	12.722	196	121520	19.95	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	135306	19.95	ng	98
46) 1,1'-Biphenyl	13.116	154	483352	20.19	ng	100
47) 2-Chloronaphthalene	13.163	162	366247	20.06	ng	100
48) 2-Nitroaniline	13.375	65	107062	19.81	ng	98
49) Acenaphthylene	14.016	152	621997	20.36	ng	100
50) Dimethylphthalate	13.751	163	491623	19.91	ng	99
51) 2,6-Dinitrotoluene	13.869	165	105479	20.23	ng	97
52) Acenaphthene	14.357	154	354519	20.19	ng	99
53) 3-Nitroaniline	14.210	138	106527	20.01	ng	98
54) 2,4-Dinitrophenol	14.428	184	46351	19.37	ng	91
55) Dibenzofuran	14.698	168	563719	20.12	ng	99
56) 4-Nitrophenol	14.551	139	71975	19.02	ng	93
57) 2,4-Dinitrotoluene	14.675	165	147676	20.09	ng	99
58) Fluorene	15.357	166	456792	20.00	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	123265	19.59	ng	99
60) Diethylphthalate	15.128	149	497916	19.95	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	226790	19.91	ng	98
62) 4-Nitroaniline	15.393	138	105617	20.37	ng	99
63) Azobenzene	15.651	77	439183	20.57	ng	99
65) 4,6-Dinitro-2-methylph...	15.451	198	77131	18.53	ng	96
66) n-Nitrosodiphenylamine	15.575	169	404085	20.42	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	152393	20.07	ng	97
68) Hexachlorobenzene	16.381	284	192290	19.93	ng	99
69) Atrazine	16.545	200	146468	20.19	ng	99
70) Pentachlorophenol	16.740	266	104916	19.36	ng	98
71) Phenanthrene	17.128	178	724922	20.24	ng	100
72) Anthracene	17.222	178	735787	20.42	ng	100
73) Carbazole	17.510	167	669730	20.53	ng	99
74) Di-n-butylphthalate	18.092	149	858522	20.46	ng	100
75) Fluoranthene	19.210	202	846684	20.22	ng	100
77) Benzidine	19.422	184	404890	19.79	ng	99
78) Pyrene	19.592	202	892037	19.98	ng	99
80) Butylbenzylphthalate	20.539	149	400050	20.14	ng	97
81) Benzo(a)anthracene	21.498	228	933614	19.95	ng	99
82) 3,3'-Dichlorobenzidine	21.428	252	353000	20.31	ng	100
83) Chrysene	21.569	228	883001	19.91	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	597012	20.45	ng	98
85) Di-n-octyl phthalate	22.686	149	947571	19.85	ng	99
87) Indeno(1,2,3-cd)pyrene	28.486	276	1230125m	19.81	ng	
88) Benzo(b)fluoranthene	23.757	252	979873	20.13	ng	99
89) Benzo(k)fluoranthene	23.822	252	1005349	20.05	ng	100
90) Benzo(a)pyrene	24.627	252	945764	20.23	ng	100
91) Dibenzo(a,h)anthracene	28.568	278	1008288	19.97	ng	99
92) Benzo(g,h,i)perylene	29.627	276	991852	19.75	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024617.D
Acq On : 13 May 2025 12:43
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 13 16:05:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

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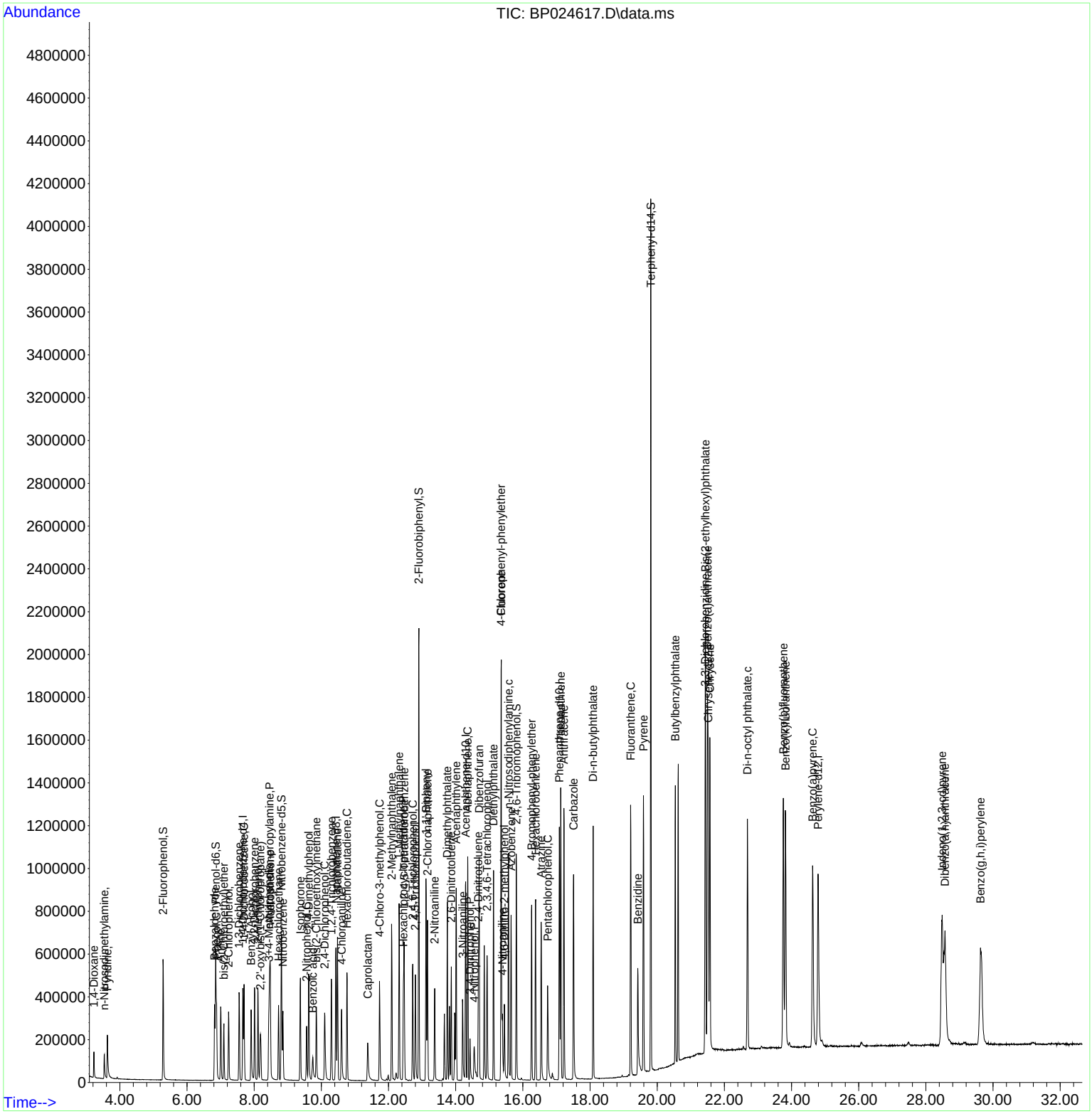
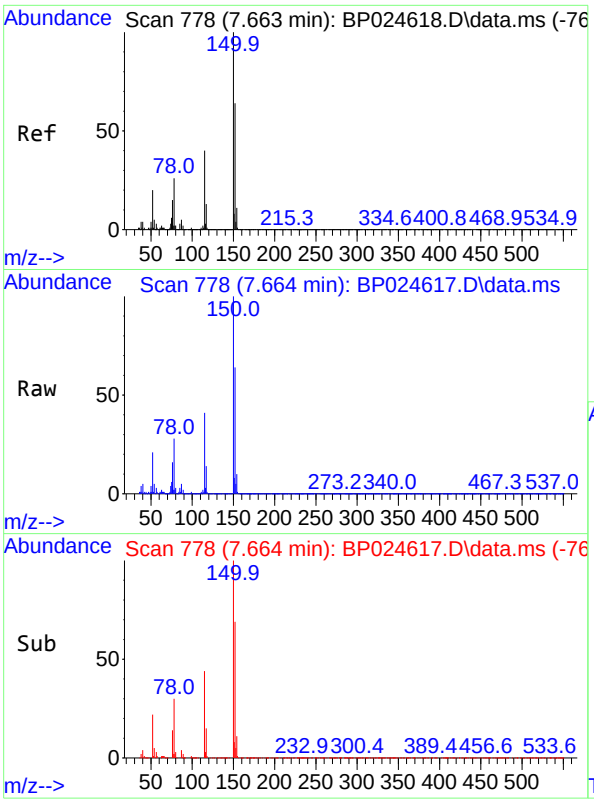
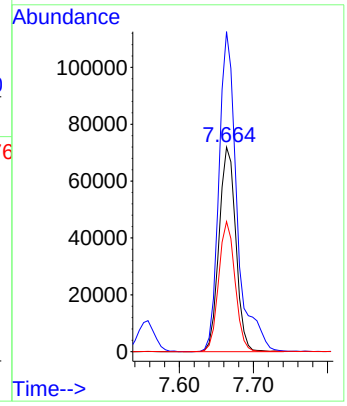




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 7
Delta R.T. 0.001 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:152 Resp: 11265

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.9	188.9
115	63.6	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
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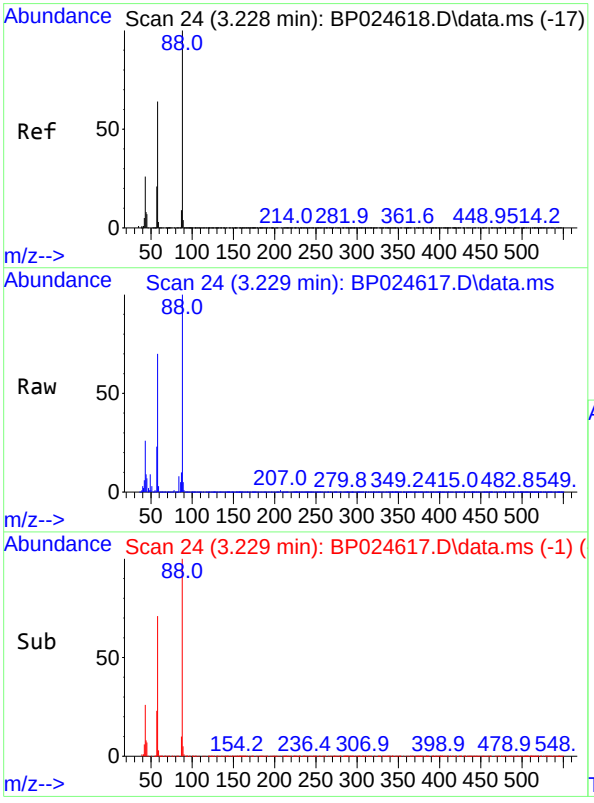
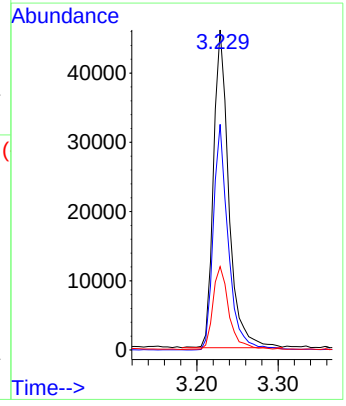
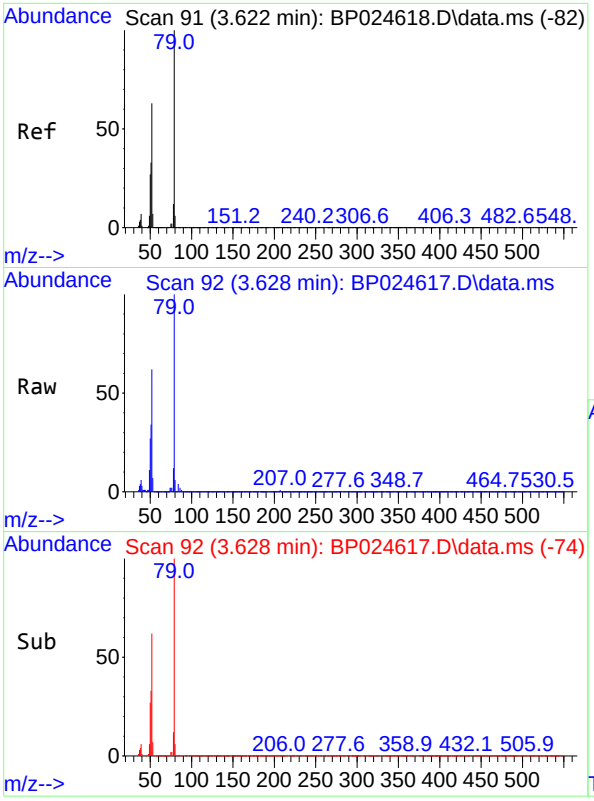


#2
1,4-Dioxane
Concen: 19.48 ng
RT: 3.229 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 88 Resp: 60251

Ion	Ratio	Lower	Upper
88	100		
58	69.2	54.0	81.0
43	27.3	21.4	32.0

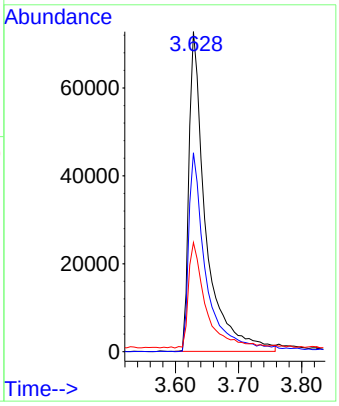




#3
Pyridine
Concen: 19.75 ng
RT: 3.628 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 79 Resp: 13545

Ion	Ratio	Lower	Upper
79	100		
52	62.1	50.2	75.2
51	34.1	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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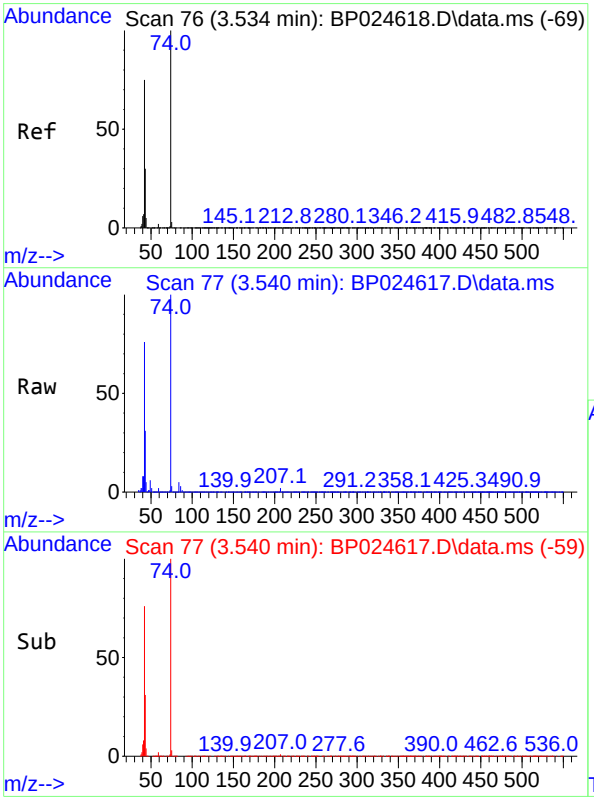
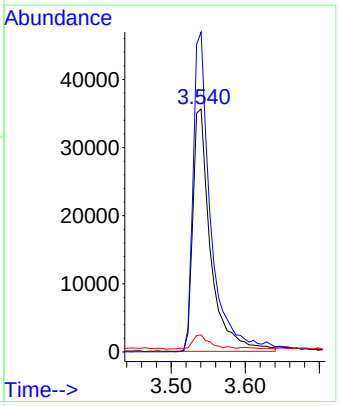
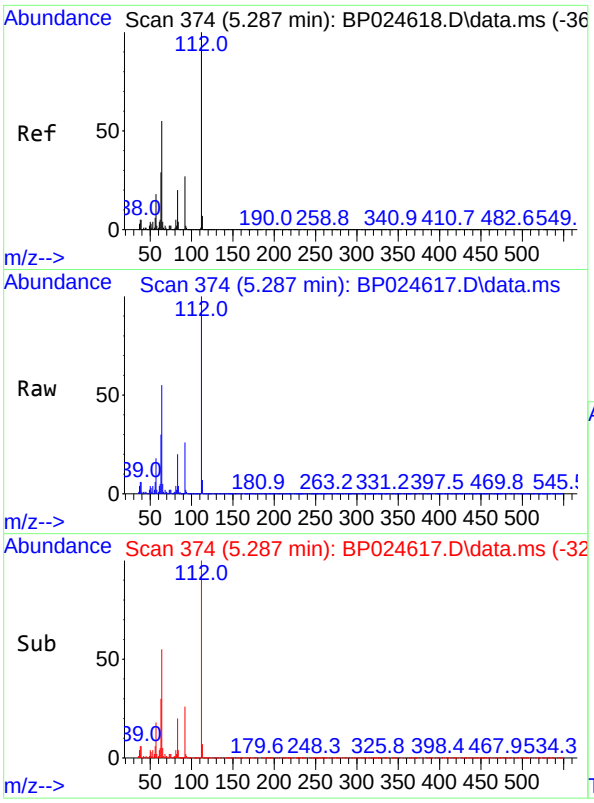


#4
n-Nitrosodimethylamine
Concen: 19.59 ng
RT: 3.540 min Scan# 77
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 42 Resp: 59324

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	7.0	5.4	8.2

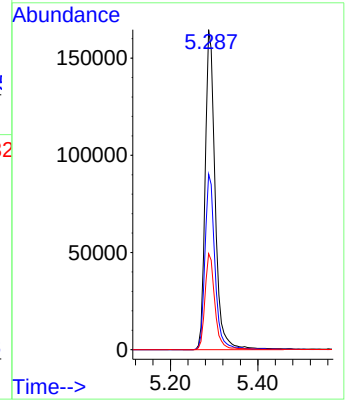




#5
2-Fluorophenol
Concen: 39.75 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:112 Resp: 26182

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	30.0	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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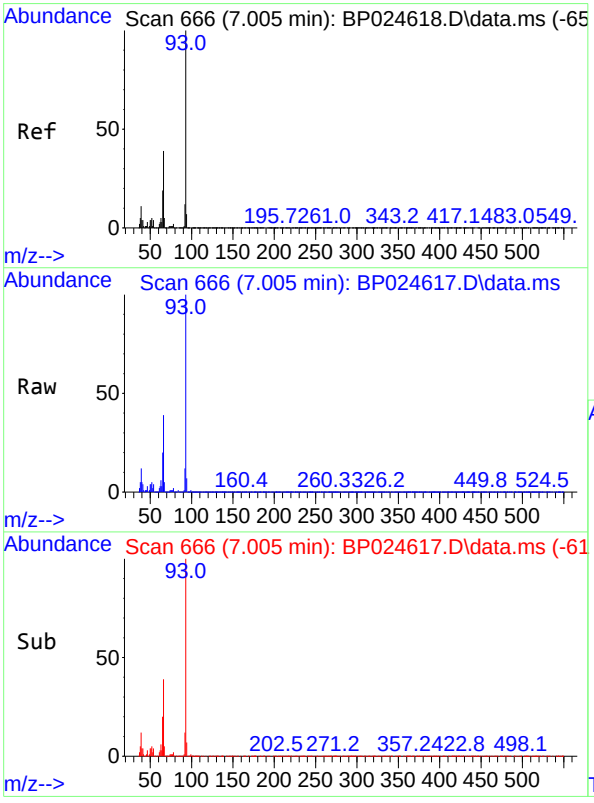
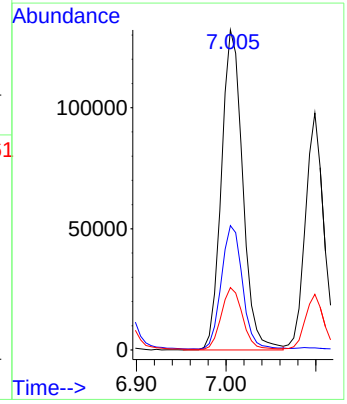
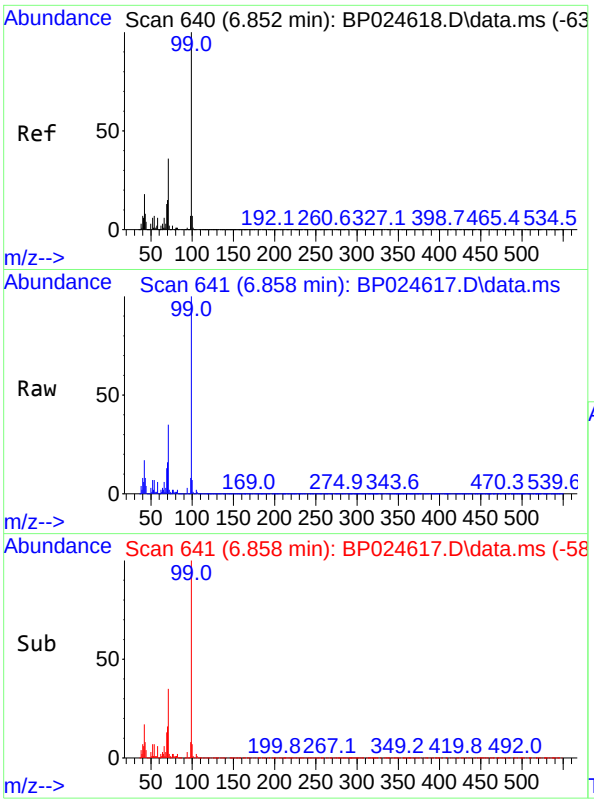


#6
Aniline
Concen: 20.05 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 217646

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3

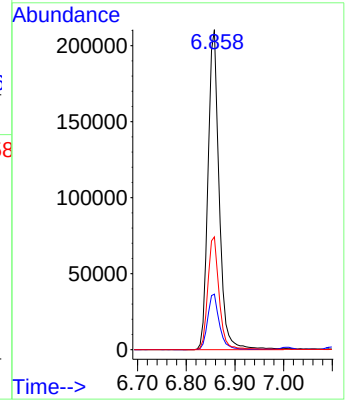




#7
Phenol-d6
Concen: 39.83 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 99 Resp: 33481

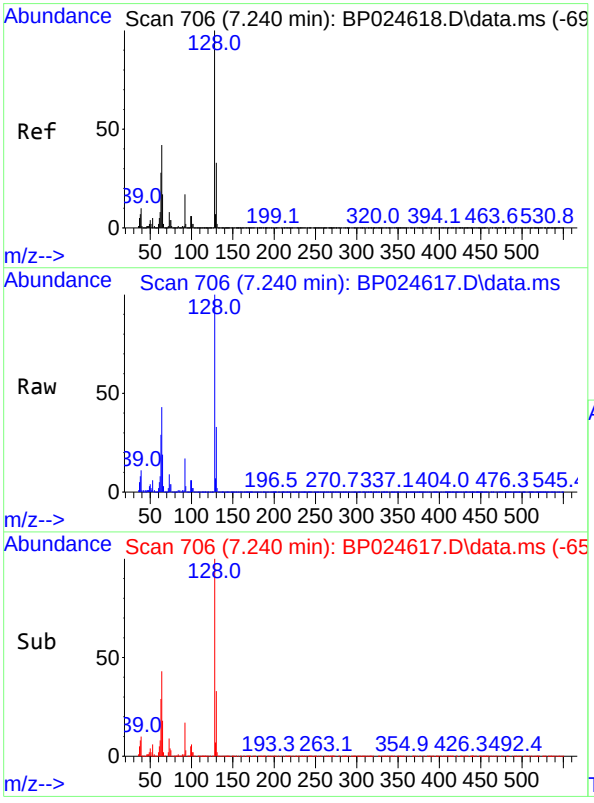
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	35.3	29.2	43.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

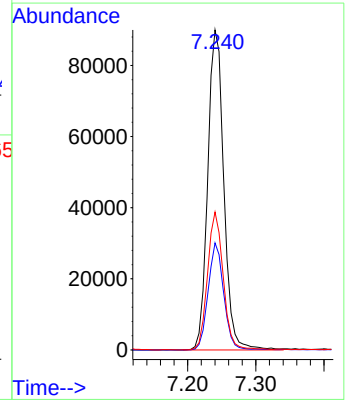
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

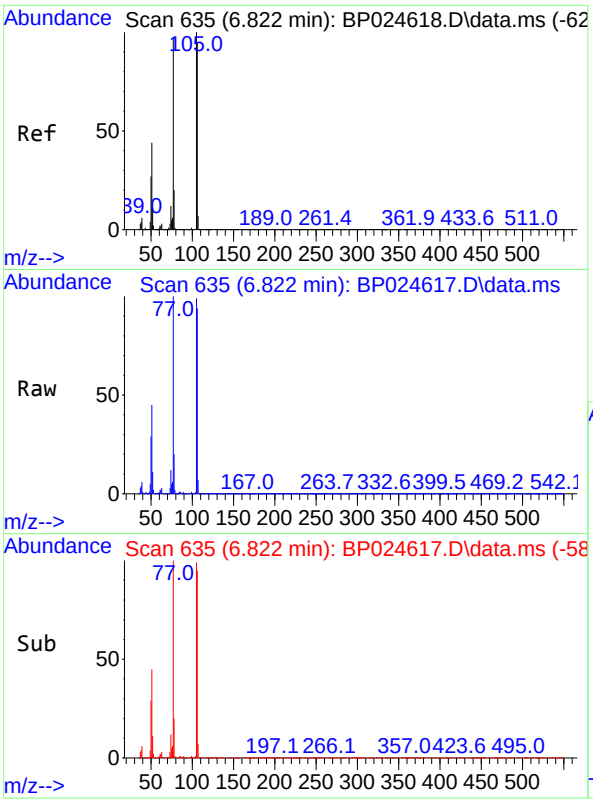


#8
2-Chlorophenol
Concen: 19.76 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 147726

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.0	53.0
64	43.1	22.3	62.3

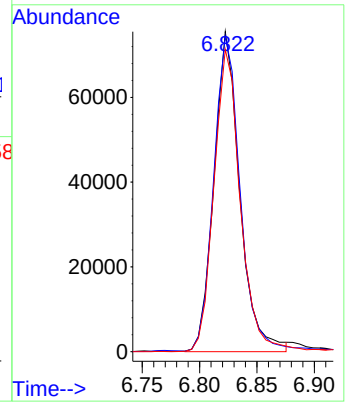




#9
Benzaldehyde
Concen: 21.69 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 77 Resp: 11782

Ion	Ratio	Lower	Upper
77	100		
105	98.5	83.3	123.3
106	94.4	78.0	118.0



Instrument :
BNA_P
ClientSampleId :
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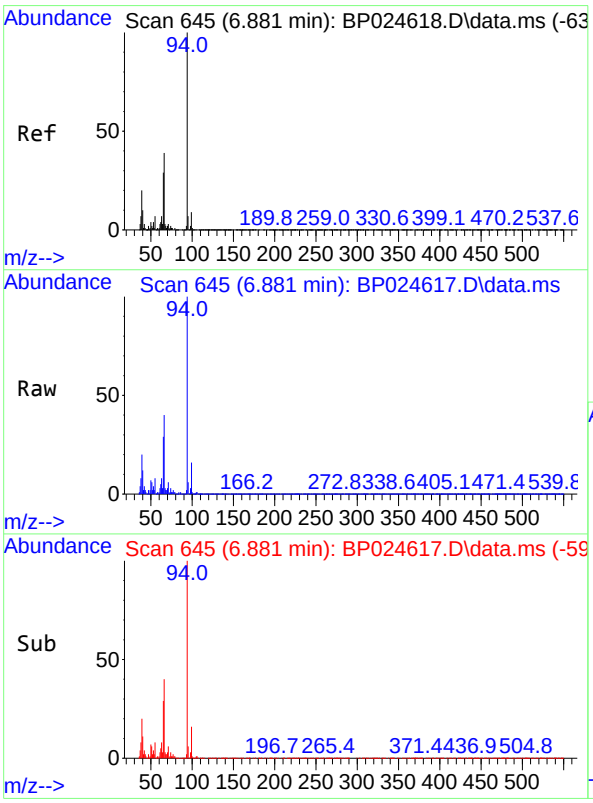
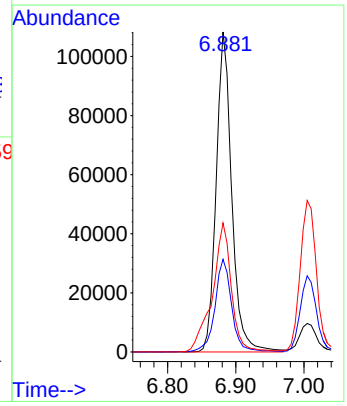
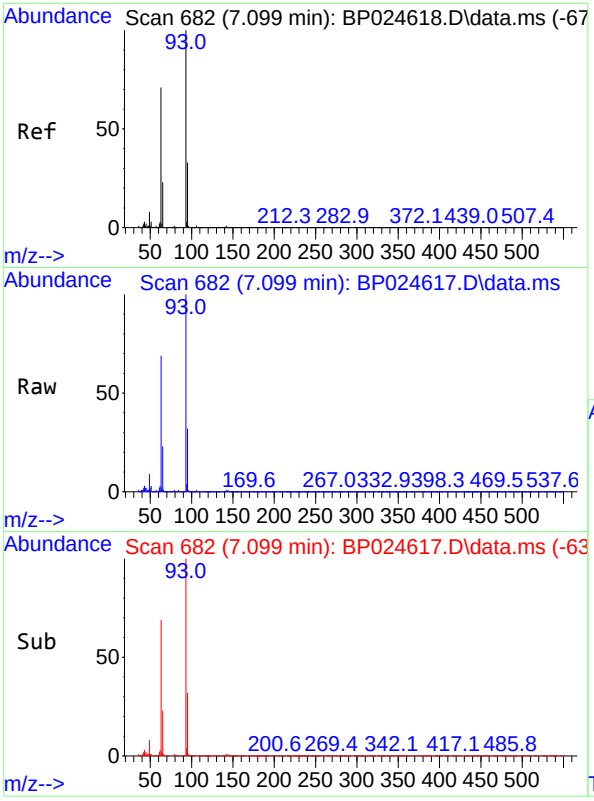


#10
Phenol
Concen: 19.82 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 94 Resp: 171949

Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.7	48.7
66	40.3	19.4	59.4

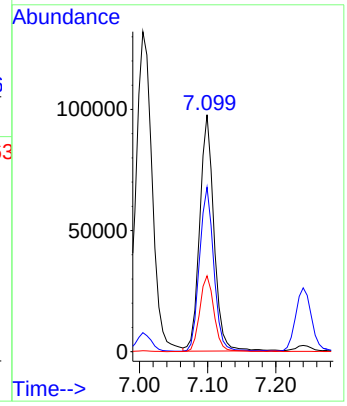




#11
bis(2-Chloroethyl)ether
Concen: 19.86 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 14159

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.6	90.6
95	32.0	12.9	52.9



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ClientSampleId :
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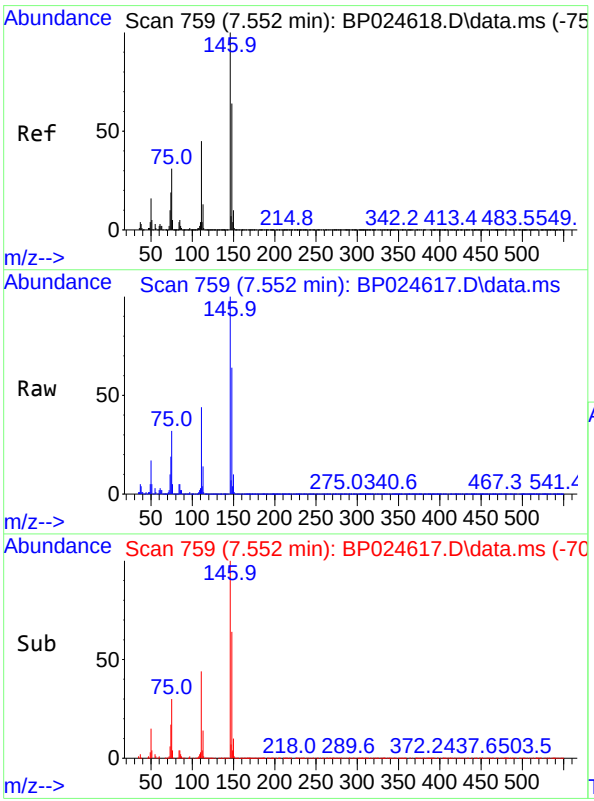
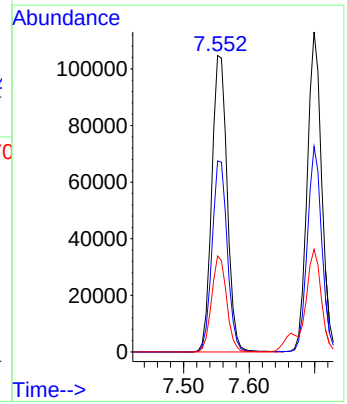
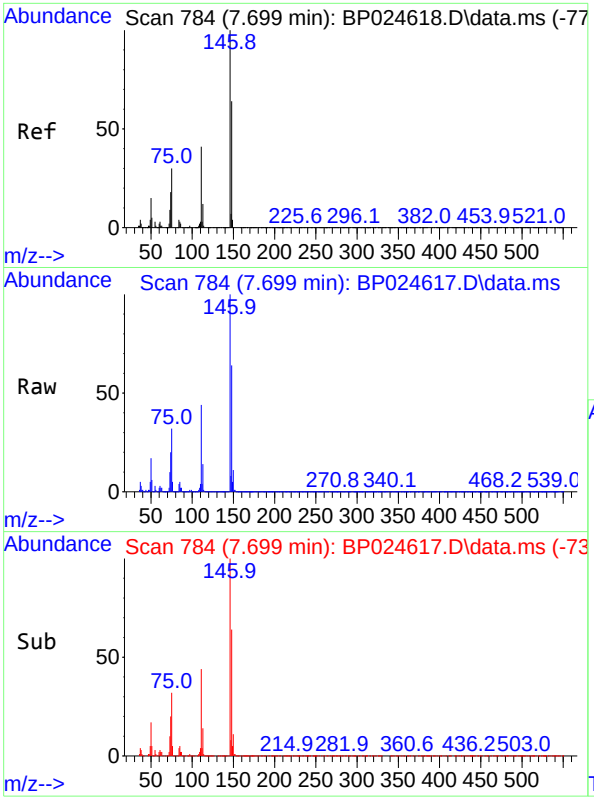


#12
1,3-Dichlorobenzene
Concen: 19.91 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 171270

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
75	32.4	25.2	37.8

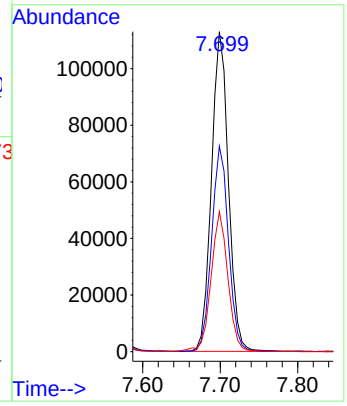




#13
1,4-Dichlorobenzene
Concen: 19.85 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 17175

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.6
111	43.7	33.0	49.6



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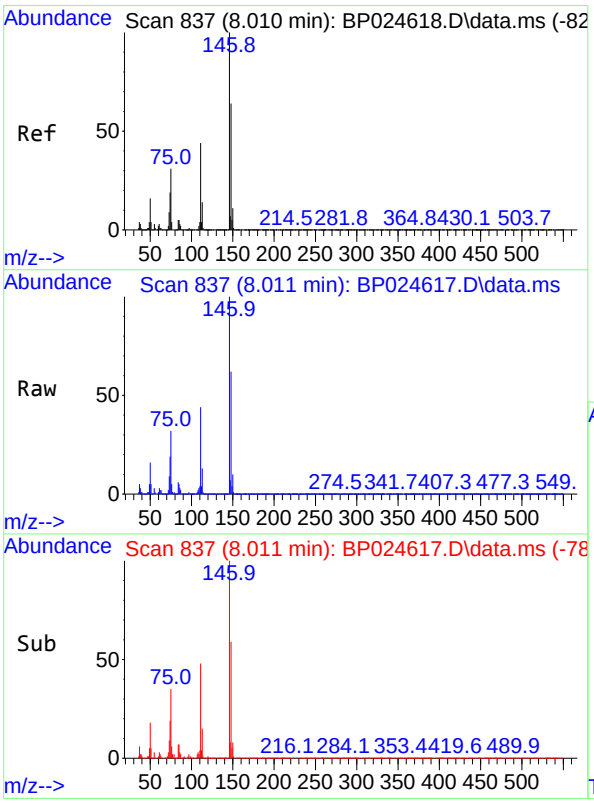
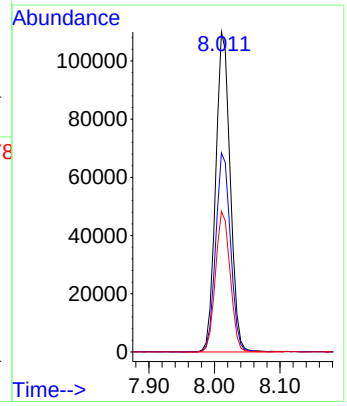
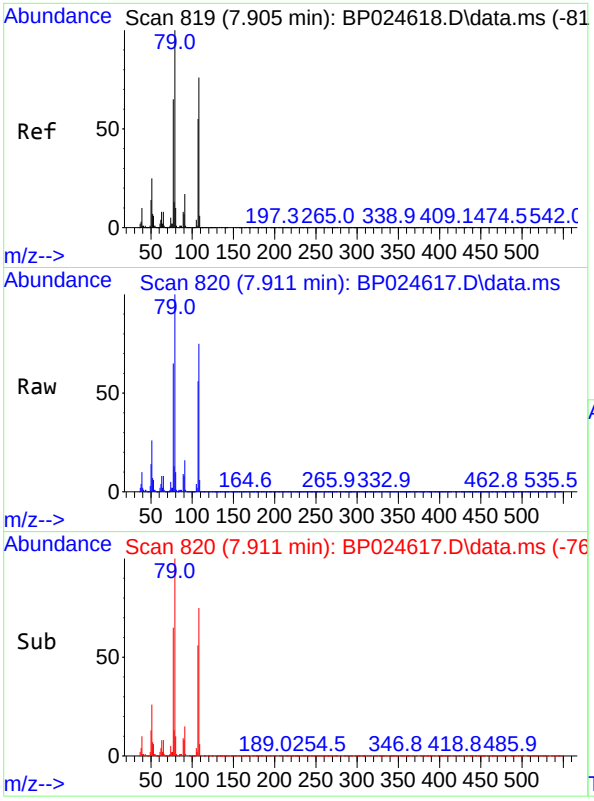


#14
1,2-Dichlorobenzene
Concen: 20.02 ng
RT: 8.011 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:146 Resp: 168795

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
111	43.9	35.2	52.8

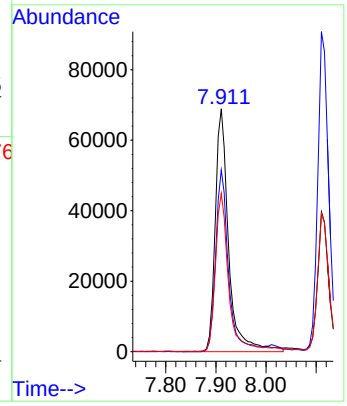




#15
Benzyl Alcohol
Concen: 19.89 ng
RT: 7.911 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 79 Resp: 12707

Ion	Ratio	Lower	Upper
79	100		
108	74.8	60.8	91.2
77	65.1	51.9	77.9



Instrument :
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ClientSampleId :
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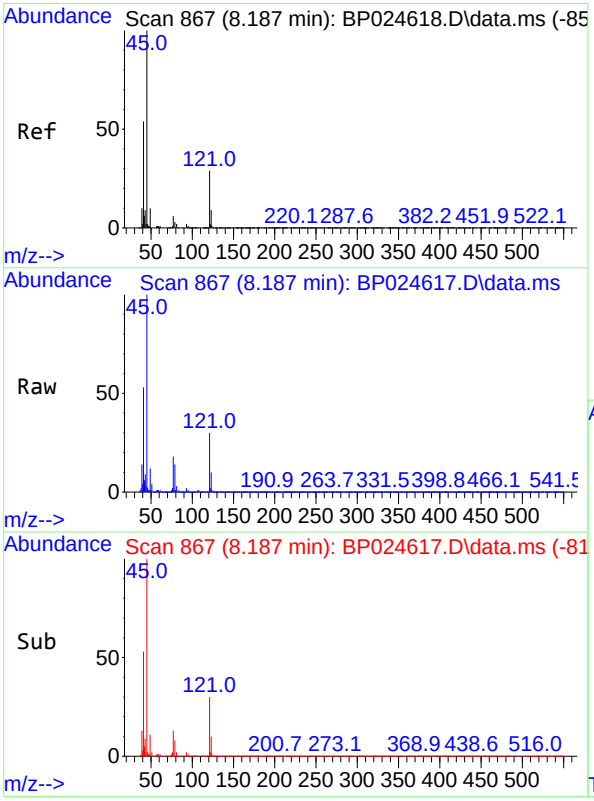
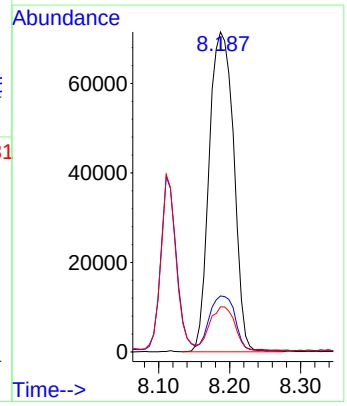
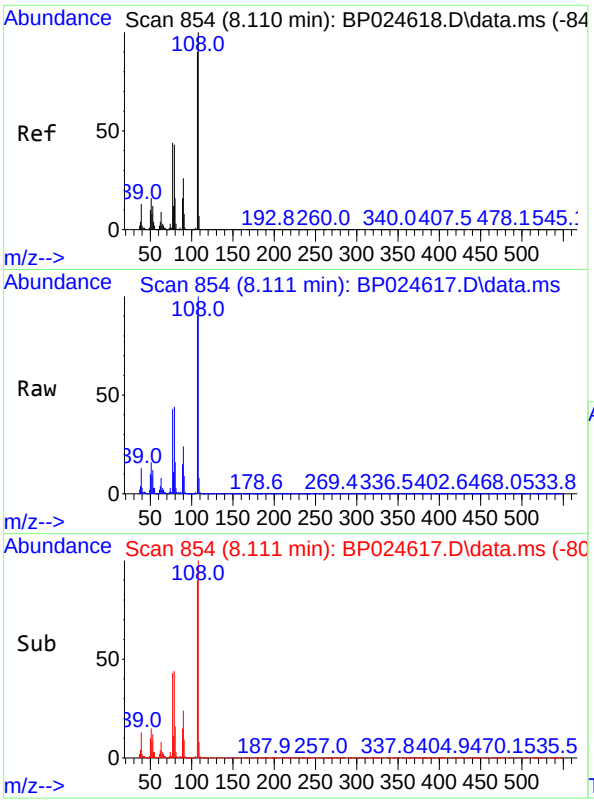


#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.06 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 45 Resp: 171274

Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	37.7
79	14.1	0.0	34.0

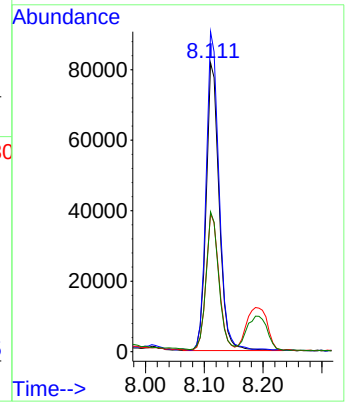




#17
2-Methylphenol
Concen: 20.01 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 12450

Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.9	133.3
77	47.9	39.0	58.6
79	48.4	38.4	57.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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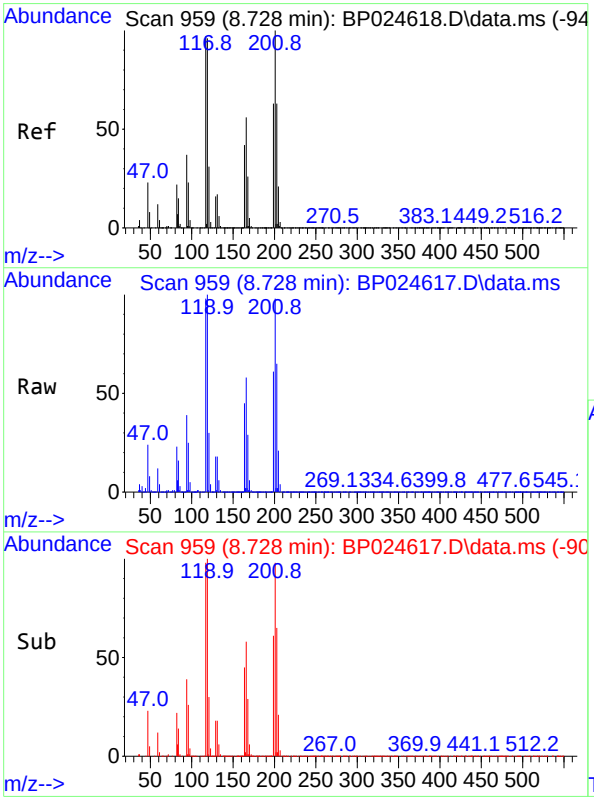
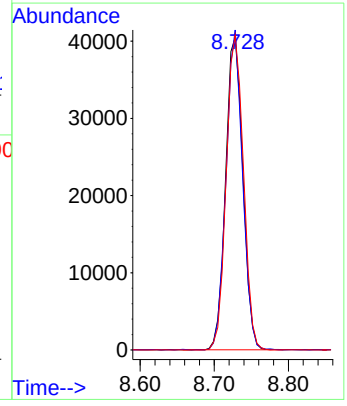
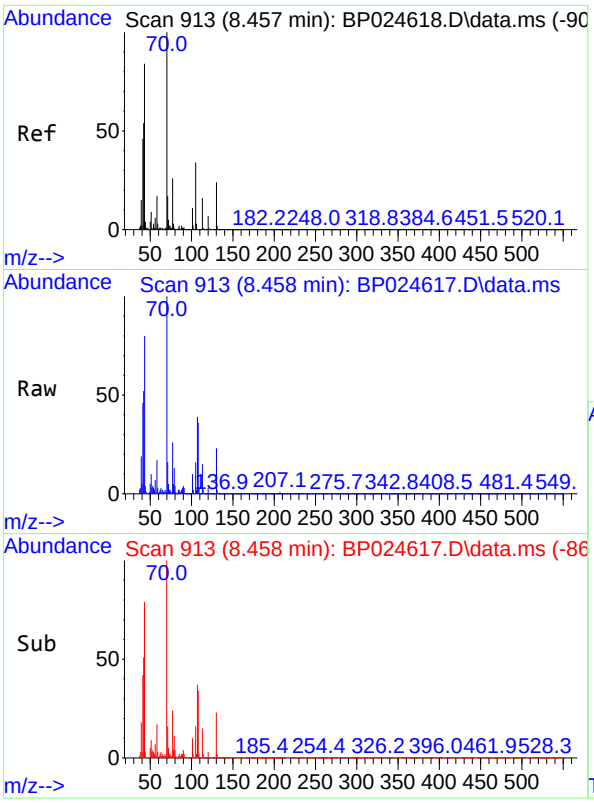


#18
Hexachloroethane
Concen: 19.76 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:117 Resp: 65527

Ion	Ratio	Lower	Upper
117	100		
119	102.4	79.4	119.0
201	100.8	82.7	124.1

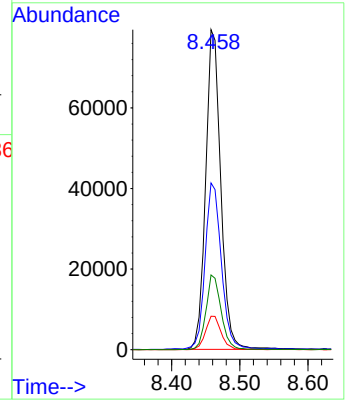




#19
n-Nitroso-di-n-propylamine
Concen: 21.05 ng
RT: 8.458 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 70 Resp: 12238

Ion	Ratio	Lower	Upper
70	100		
42	52.1	43.0	64.6
101	10.5	8.7	13.1
130	23.4	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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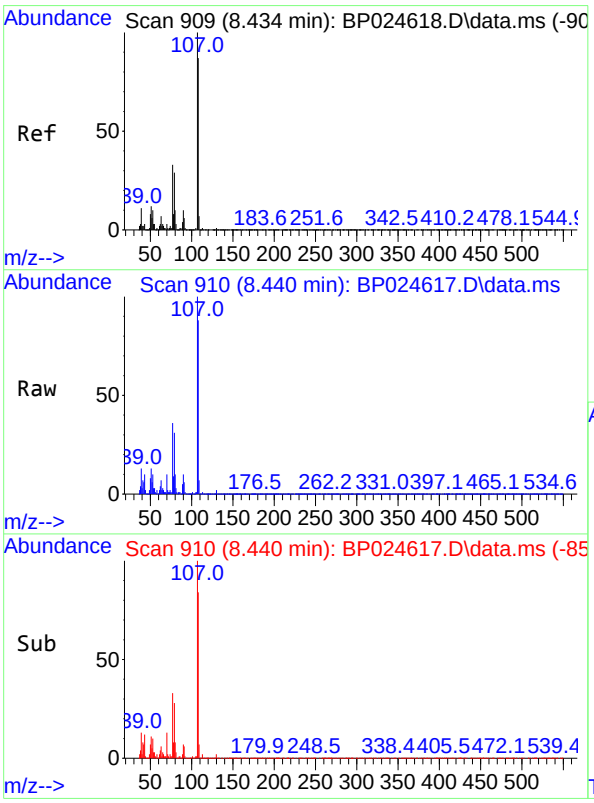
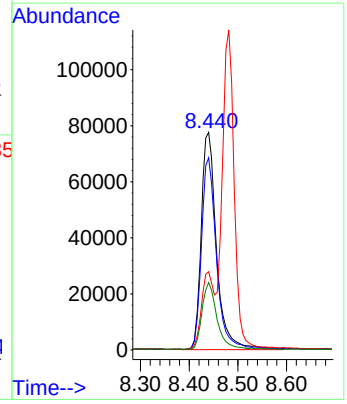
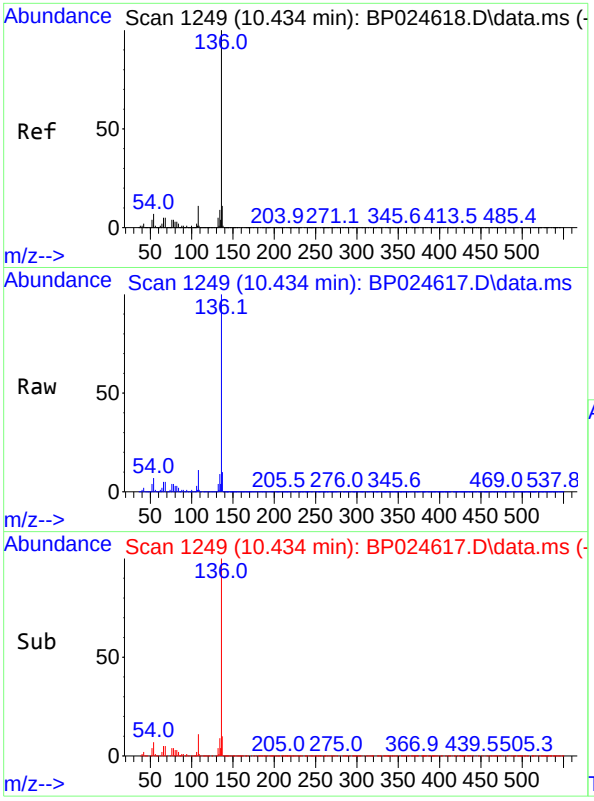


#20
3+4-Methylphenols
Concen: 20.00 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 169264

Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.7	106.7
77	35.9	13.1	53.1
79	30.9	8.9	48.9

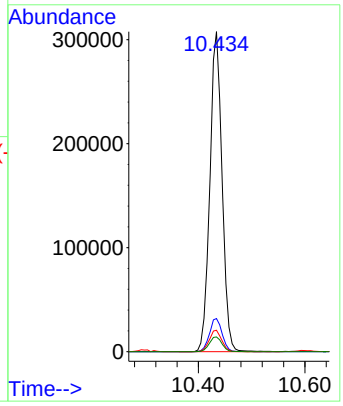




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:136 Resp: 48872

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.7	5.5	8.3
68	4.6	4.2	6.2



Instrument :
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ClientSampleId :
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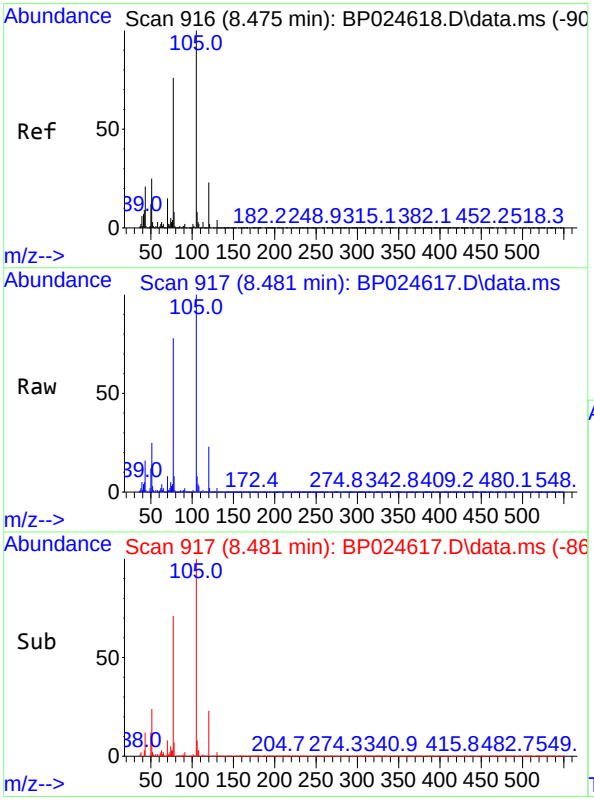
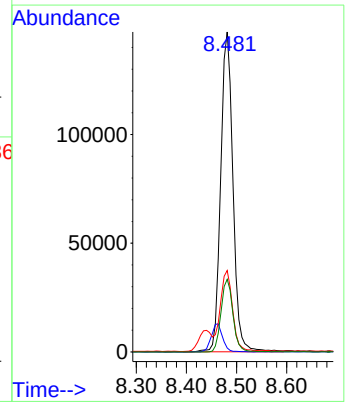
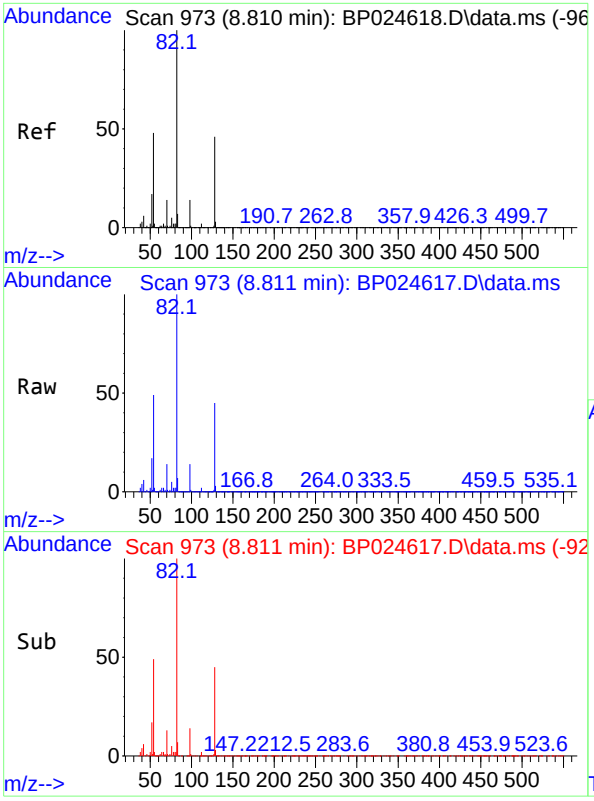


#22
Acetophenone
Concen: 20.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:105 Resp: 249692

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	25.5	20.4	30.6
120	22.7	18.1	27.1

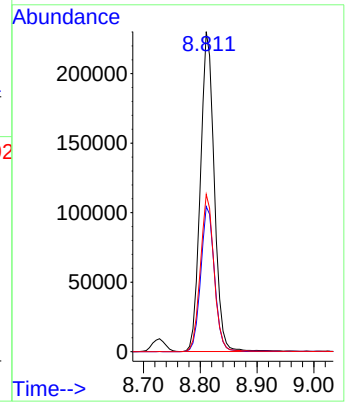




#23
Nitrobenzene-d5
Concen: 40.50 ng
RT: 8.811 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 82 Resp: 39173

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.0	55.4
54	49.1	38.7	58.1



Instrument :
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ClientSampleId :
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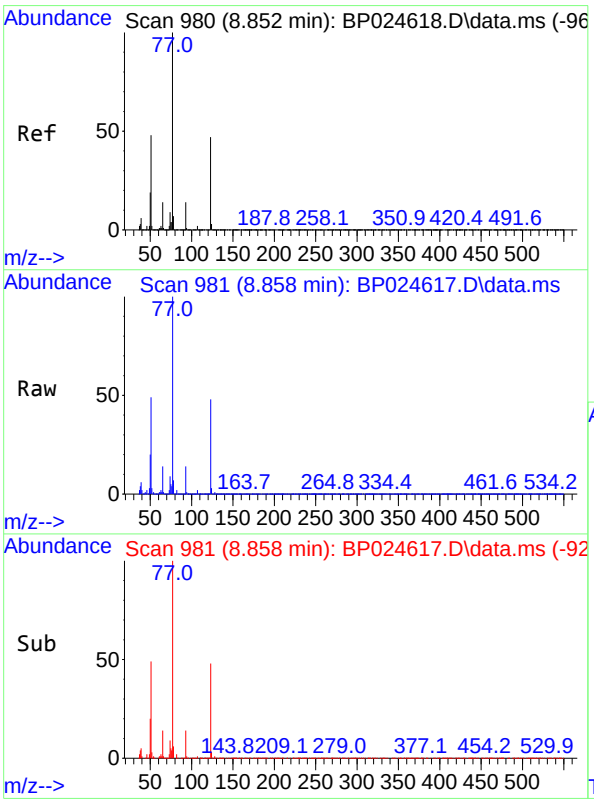
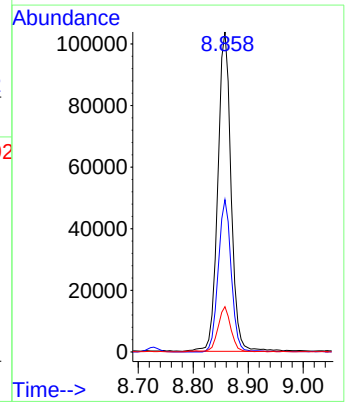
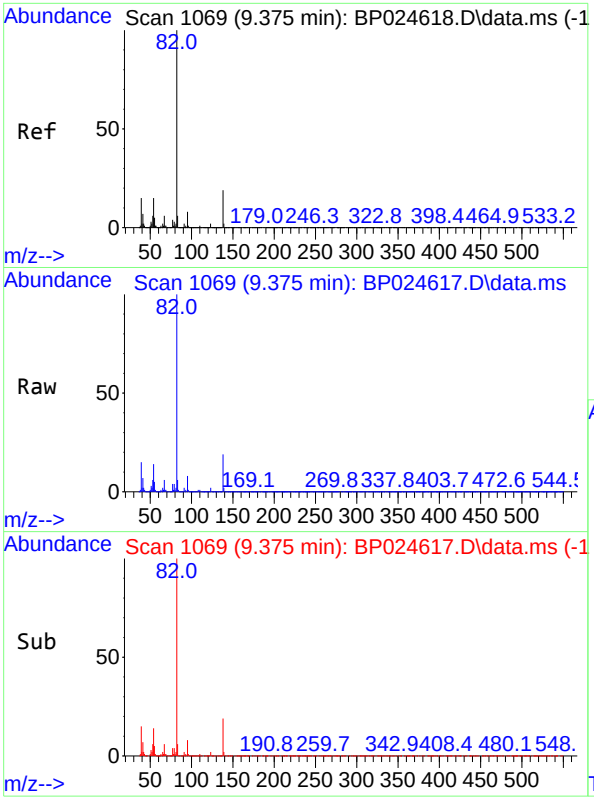


#24
Nitrobenzene
Concen: 20.40 ng
RT: 8.858 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 77 Resp: 173686

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.4	56.0
65	14.1	11.3	16.9

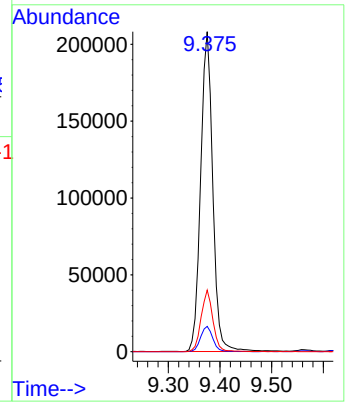




#25
Isophorone
Concen: 20.25 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 82 Resp: 33969

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.3	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
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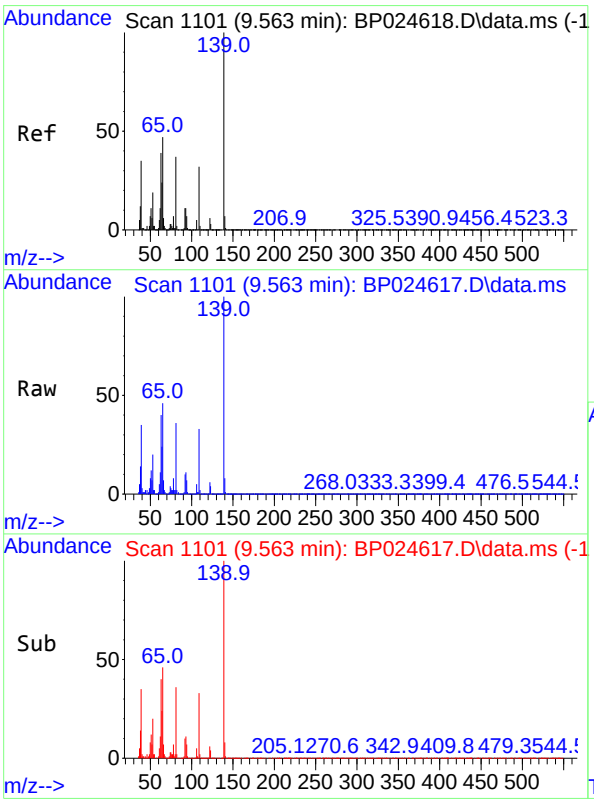
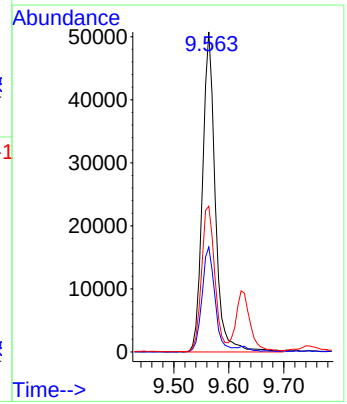
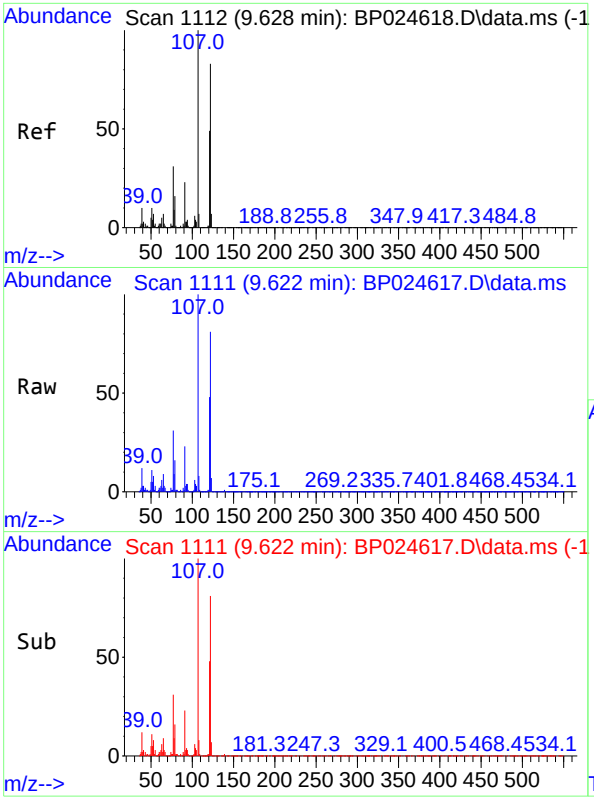


#26
2-Nitrophenol
Concen: 19.73 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 82278

Ion	Ratio	Lower	Upper
139	100		
109	32.8	25.9	38.9
65	45.6	37.9	56.9

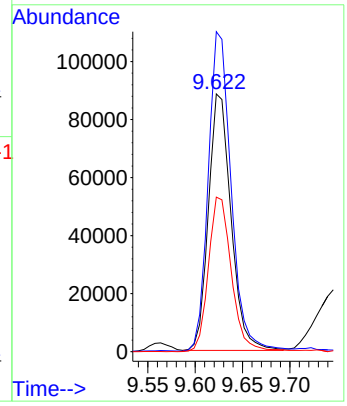




#27
2,4-Dimethylphenol
Concen: 19.96 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:122 Resp: 14681

Ion	Ratio	Lower	Upper
122	100		
107	124.1	96.2	144.2
121	60.0	47.6	71.4



Instrument :
BNA_P
ClientSampleId :
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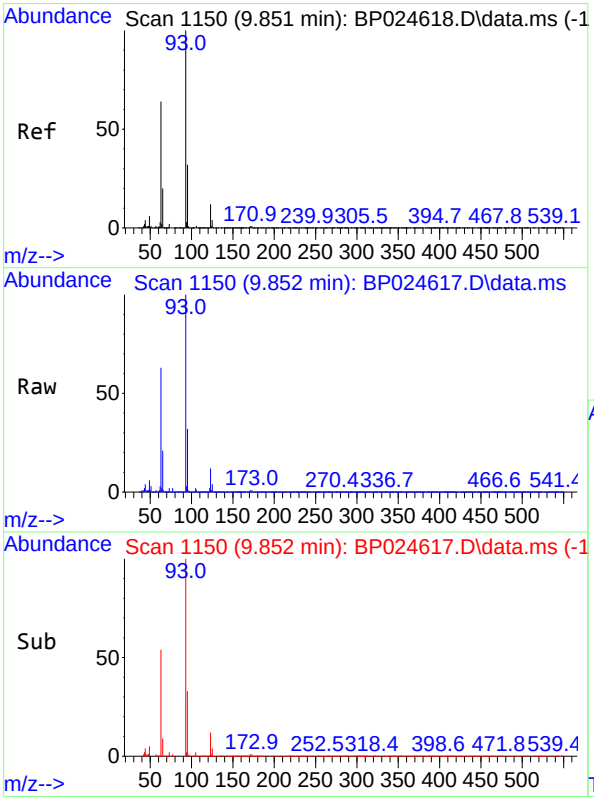
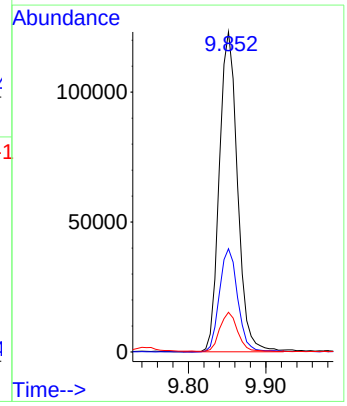
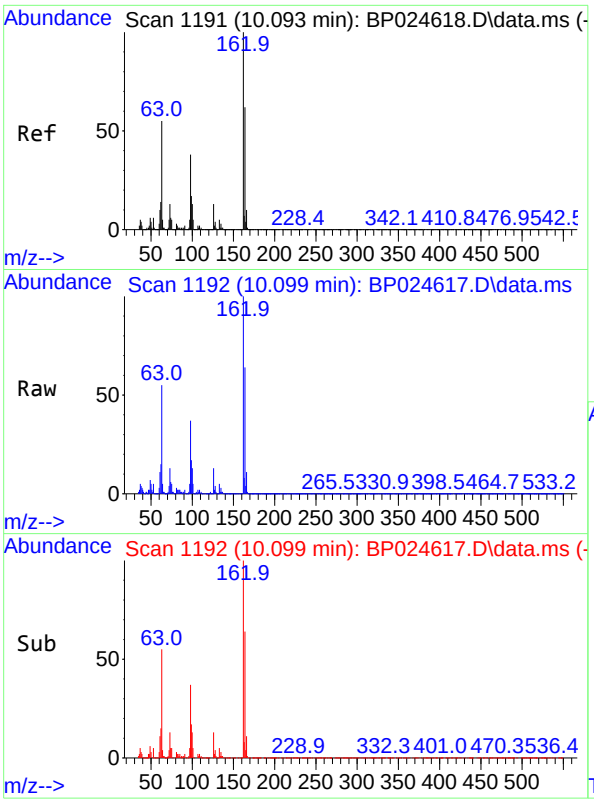


#28
bis(2-Chloroethoxy)methane
Concen: 20.04 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 93 Resp: 200872

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	12.4	9.7	14.5

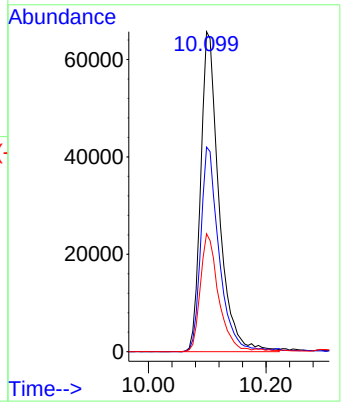




#29
2,4-Dichlorophenol
Concen: 19.90 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:162 Resp: 14178

Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.3	82.3
98	36.8	18.4	58.4



Instrument :
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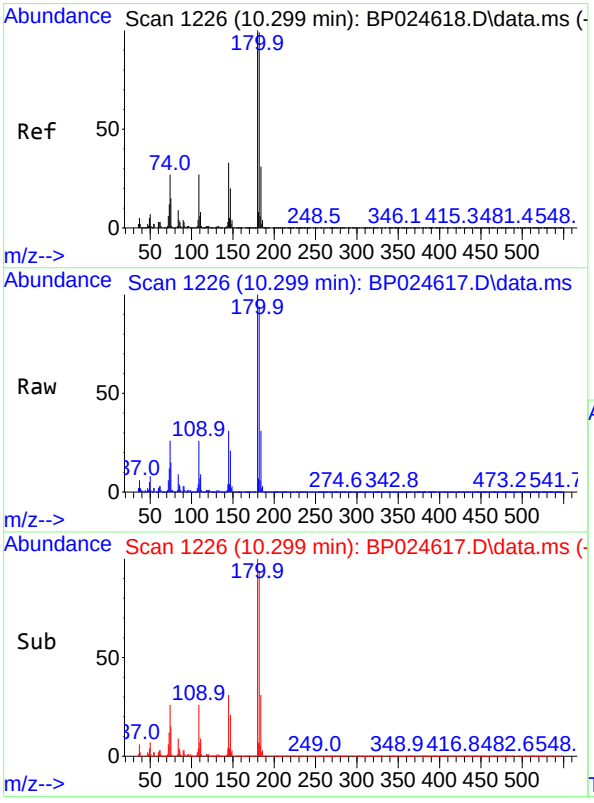
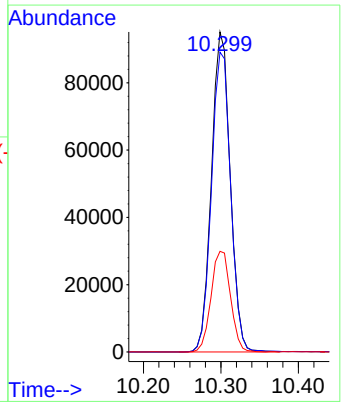
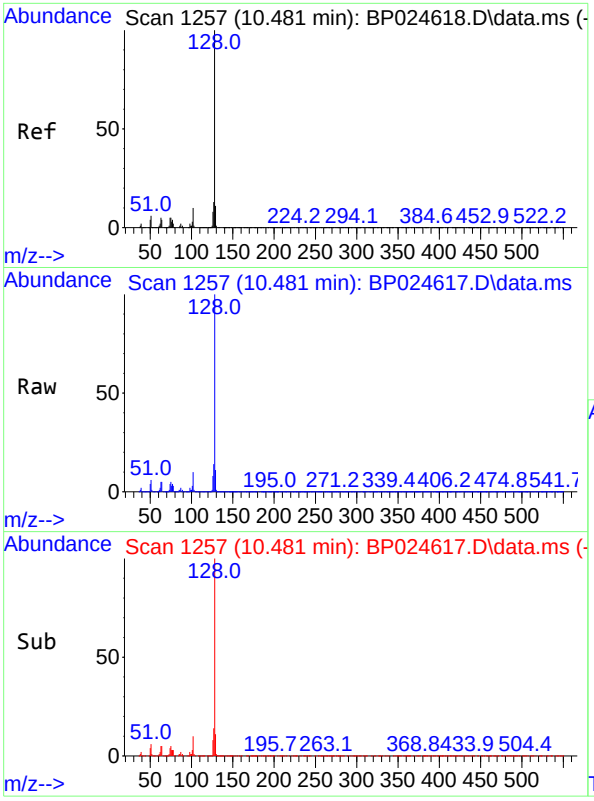


#30
1,2,4-Trichlorobenzene
Concen: 19.92 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:180 Resp: 159998

Ion	Ratio	Lower	Upper
180	100		
182	93.7	79.0	118.4
145	31.5	26.6	39.8

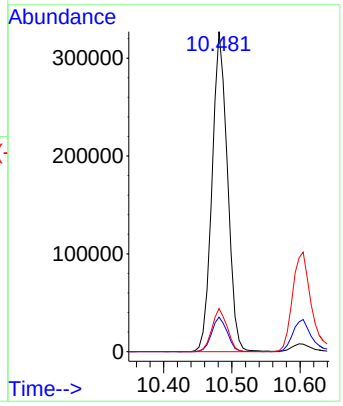




#31
Naphthalene
Concen: 20.25 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:128 Resp: 51288

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.5	10.7	16.1



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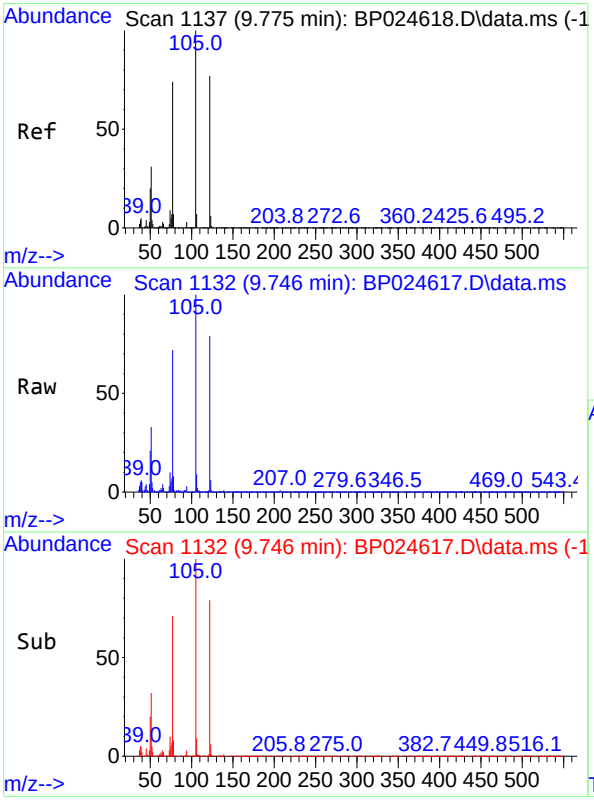
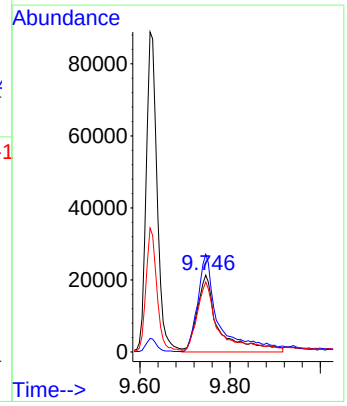
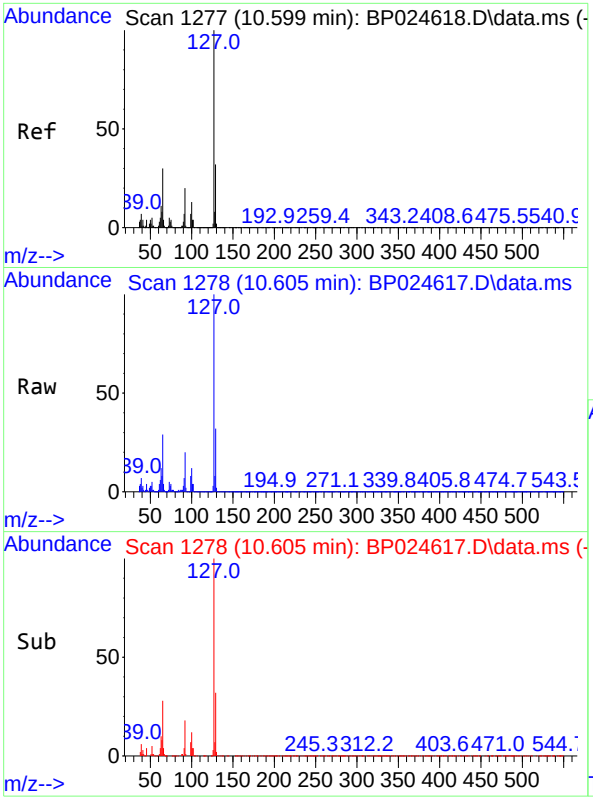


#32
Benzoic acid
Concen: 18.73 ng m
RT: 9.746 min Scan# 1132
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:122 Resp: 71538

Ion	Ratio	Lower	Upper
122	100		
105	127.1	106.9	146.9
77	91.3	75.1	115.1

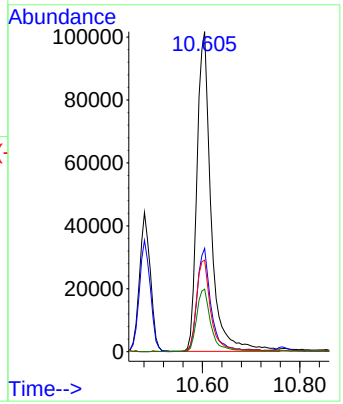




#33
4-Chloroaniline
Concen: 20.10 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:127 Resp: 20543

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	28.6	23.9	35.9
92	19.6	16.1	24.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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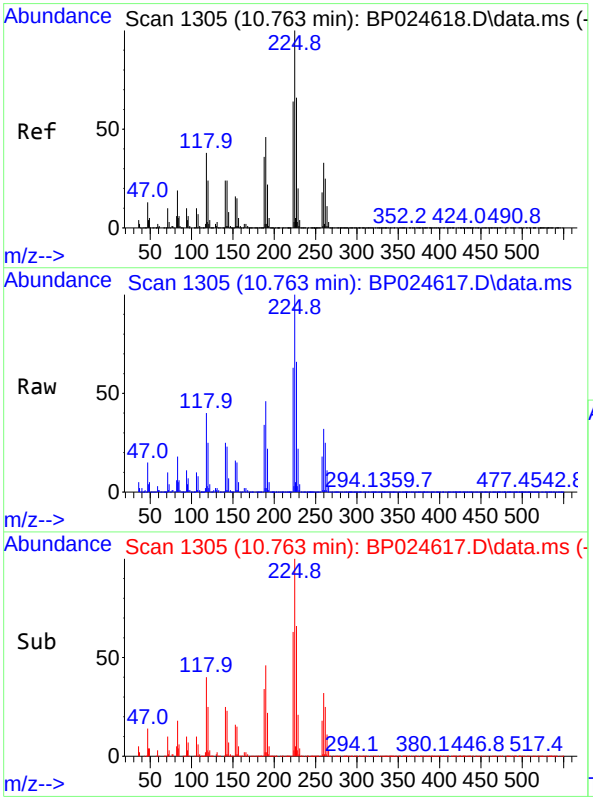
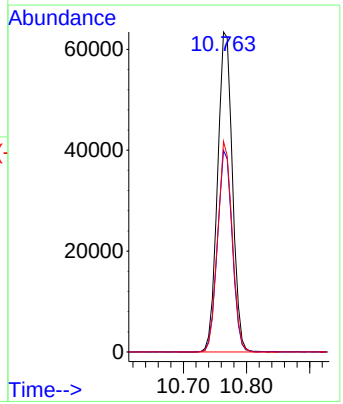
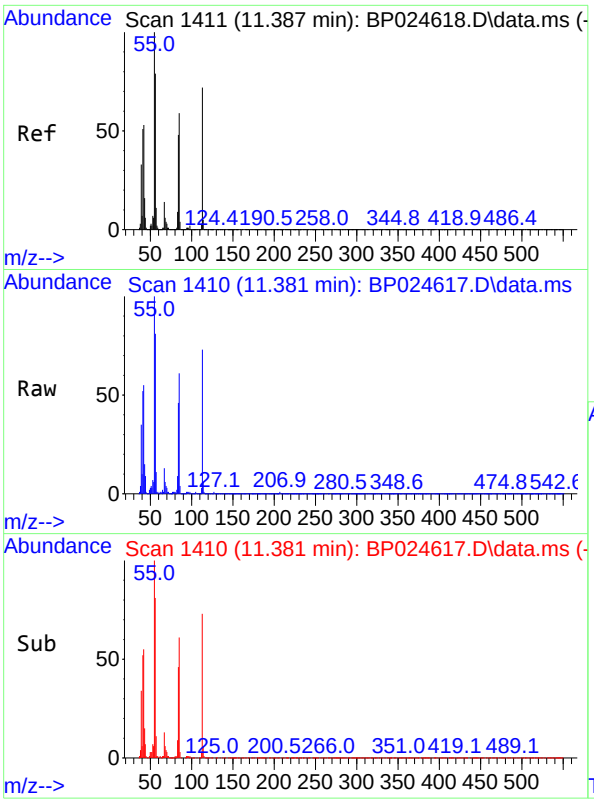


#34
Hexachlorobutadiene
Concen: 19.87 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:225 Resp: 103364

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.6
227	65.8	53.1	79.7

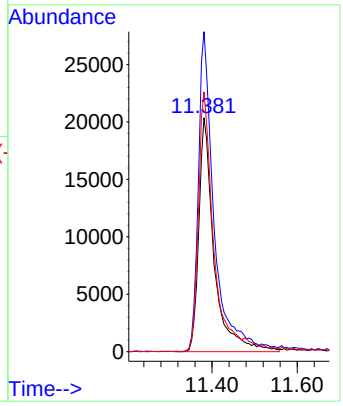




#35
Caprolactam
Concen: 19.68 ng
RT: 11.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:113 Resp: 5072

Ion	Ratio	Lower	Upper
113	100		
55	136.8	119.0	159.0
56	111.1	90.3	130.3



Instrument :
BNA_P
ClientSampleId :
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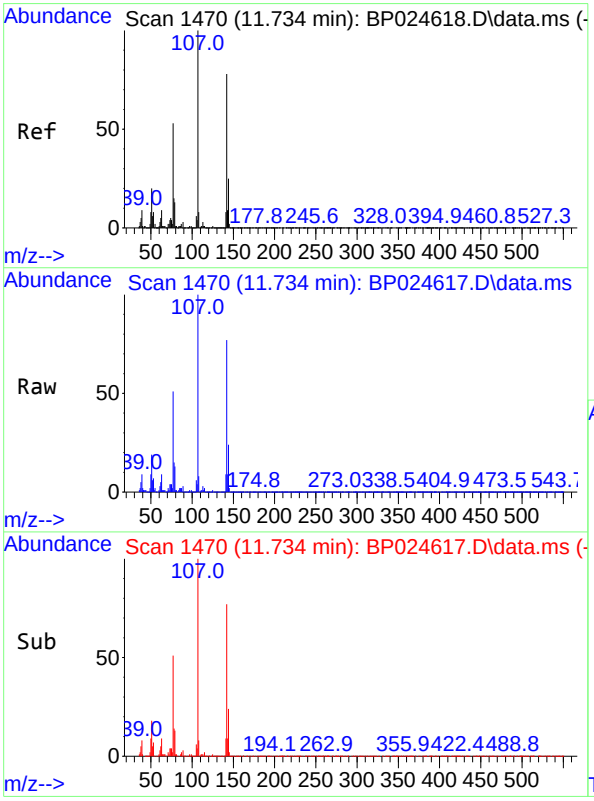
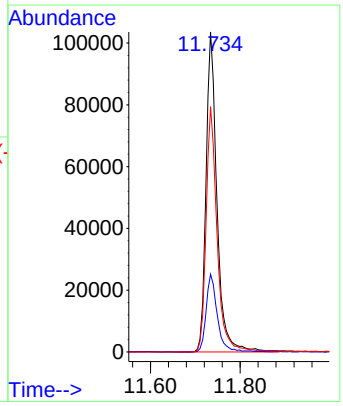
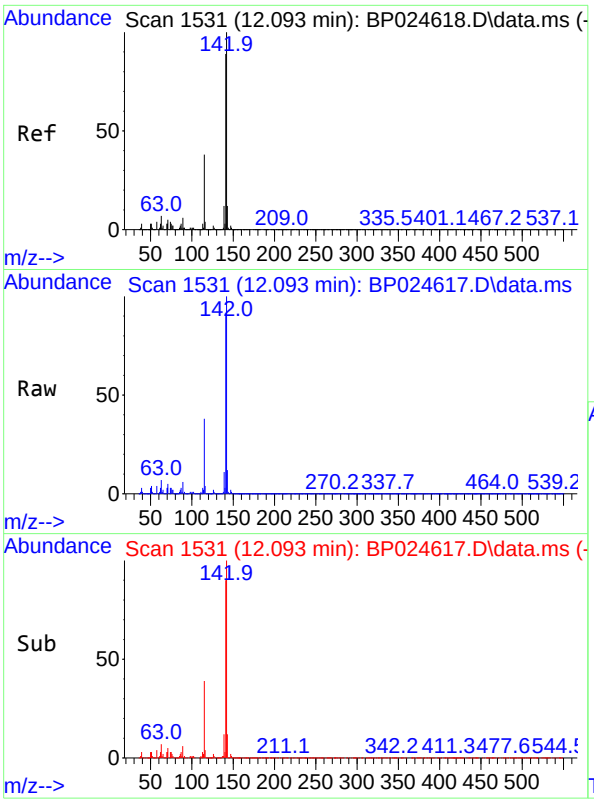


#36
4-Chloro-3-methylphenol
Concen: 20.12 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:107 Resp: 174840

Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.1	30.1
142	76.6	62.1	93.1





#37
2-Methylnaphthalene
Concen: 19.97 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:142 Resp: 32744

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	38.3	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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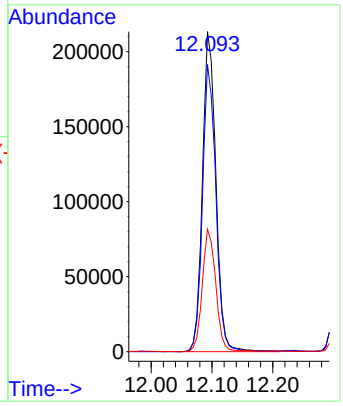
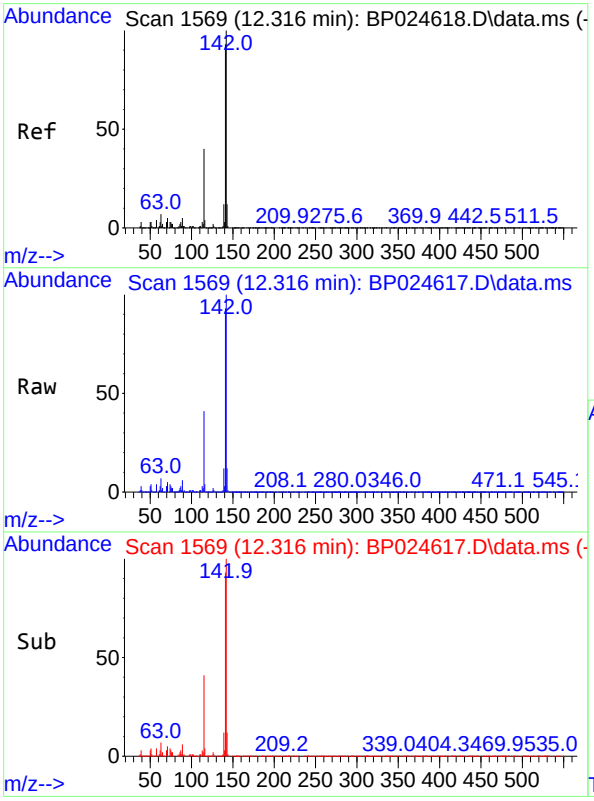
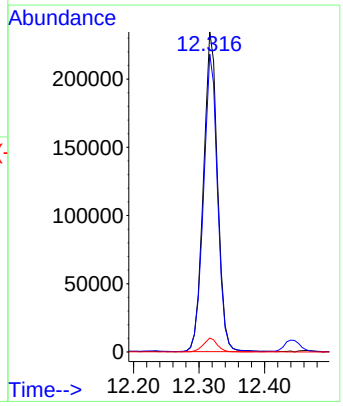


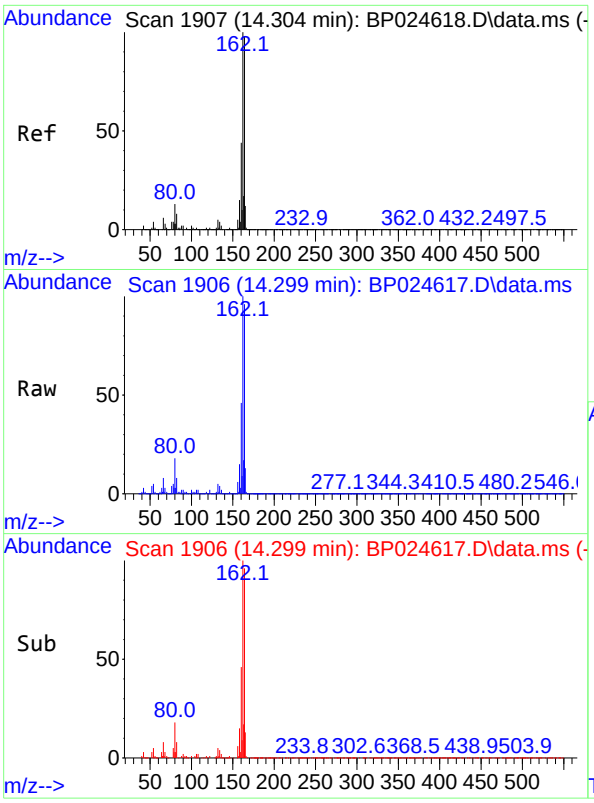


#38
1-Methylnaphthalene
Concen: 20.07 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:142 Resp: 352091

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.7	112.1
116	4.4	3.4	5.2

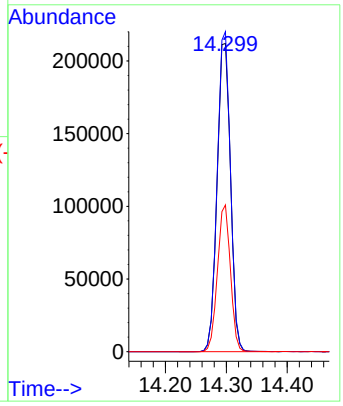




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:164 Resp: 32392

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.8	122.6
160	47.6	36.3	54.5



Instrument :
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ClientSampleId :
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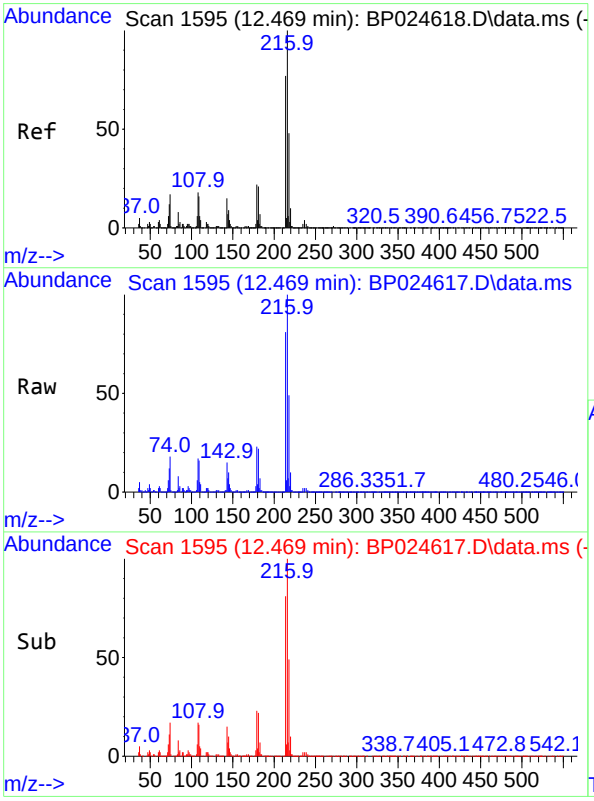
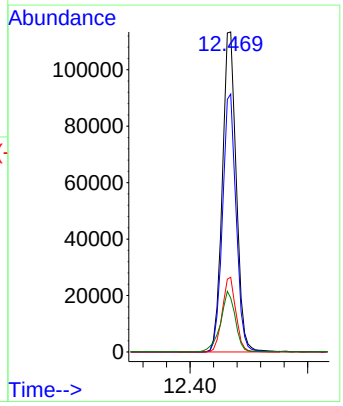
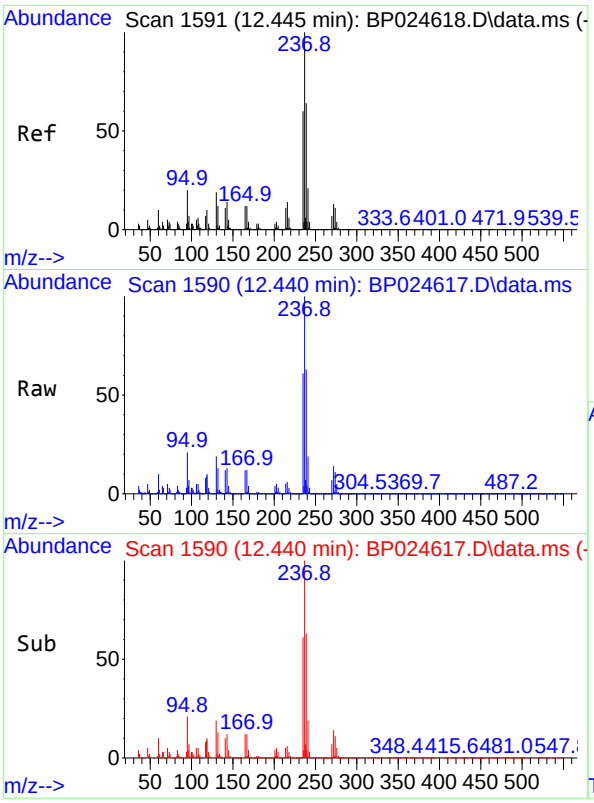


#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.77 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:216 Resp: 185982

Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.3	93.5
179	22.9	17.7	26.5
108	20.2	16.0	24.0

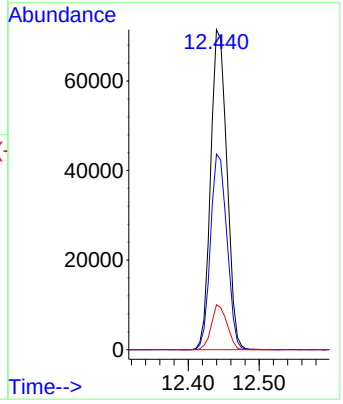




#41
Hexachlorocyclopentadiene
Concen: 19.90 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:237 Resp: 11349

Ion	Ratio	Lower	Upper
237	100		
235	61.1	39.9	79.9
272	14.0	0.0	33.2



Instrument :
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ClientSampleId :
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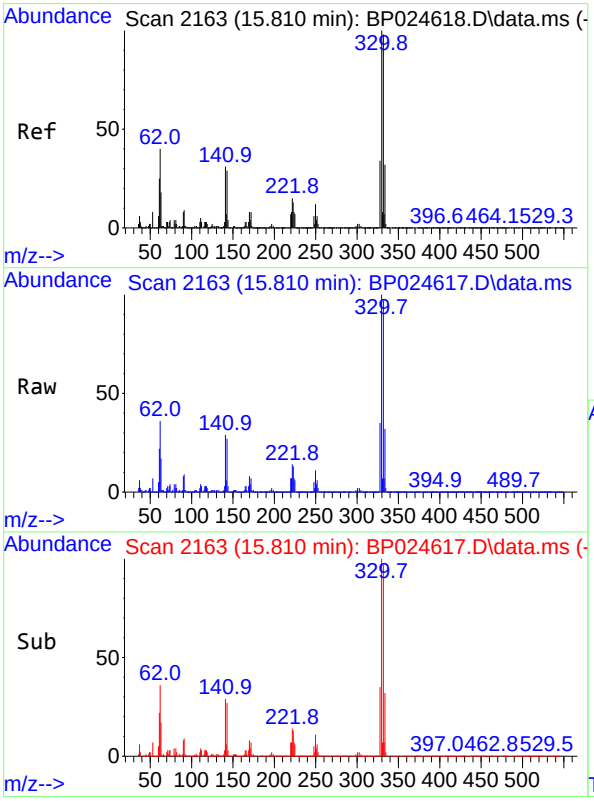
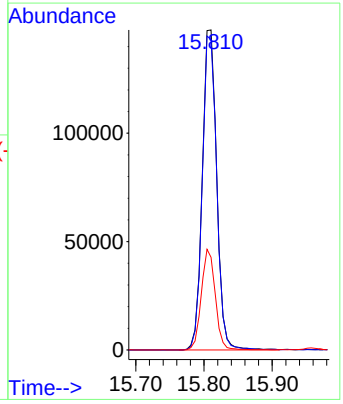
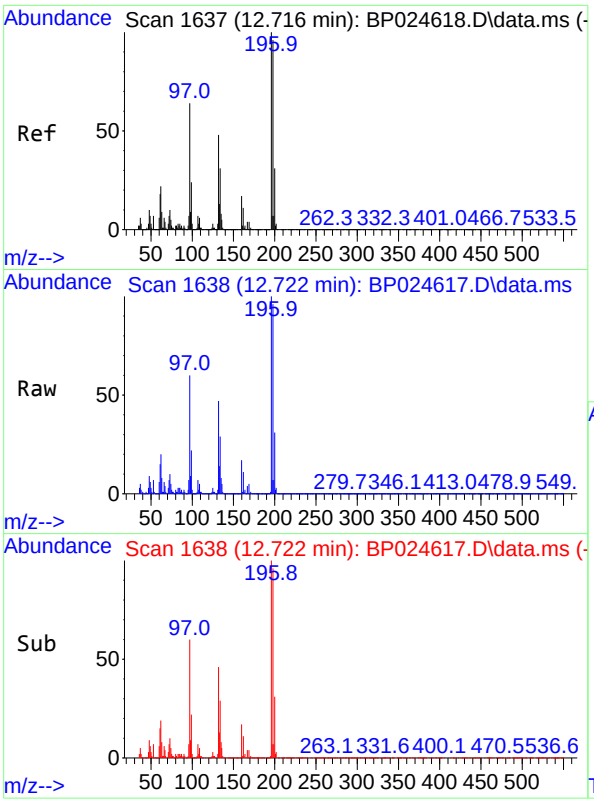


#42
2,4,6-Tribromophenol
Concen: 39.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:330 Resp: 217092

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.5	24.3	36.5

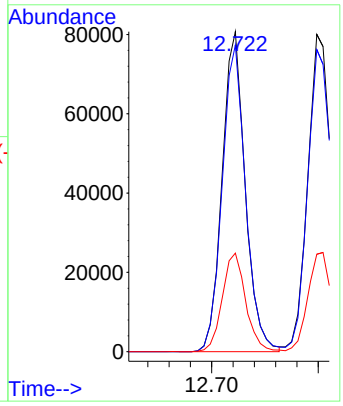




#43
2,4,6-Trichlorophenol
Concen: 19.95 ng
RT: 12.722 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:196 Resp: 12152

Ion	Ratio	Lower	Upper
196	100		
198	95.8	76.9	115.3
200	30.8	25.2	37.8



Instrument :
BNA_P
ClientSampleId :
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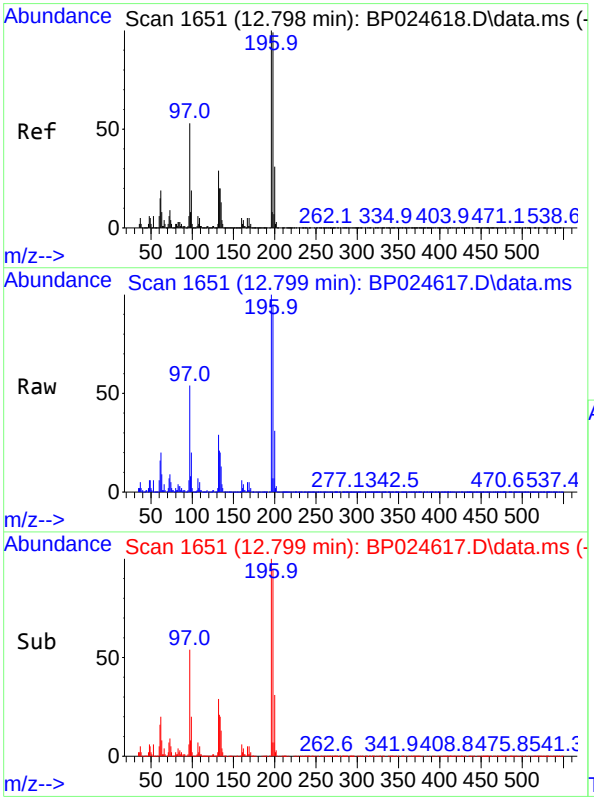
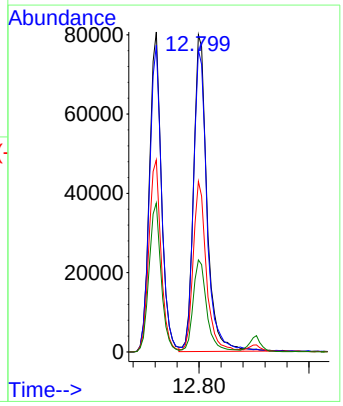
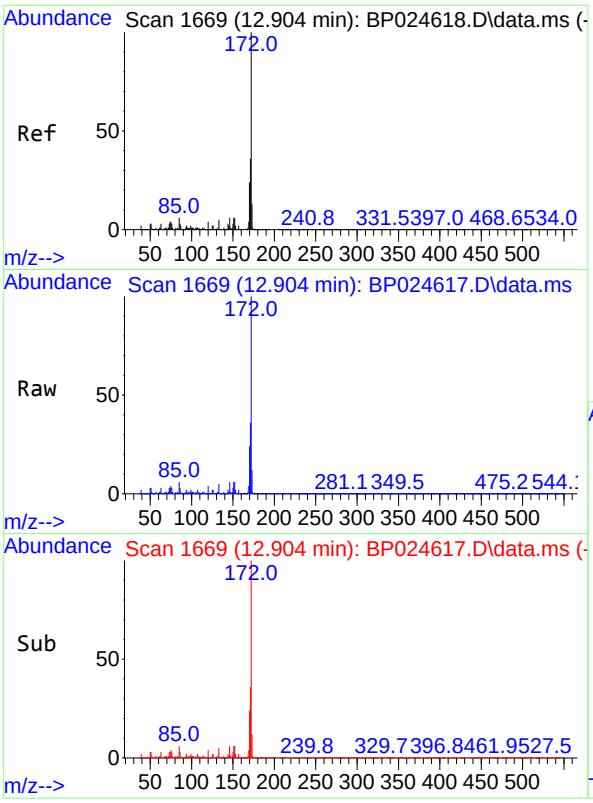


#44
2,4,5-Trichlorophenol
Concen: 19.95 ng
RT: 12.799 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:196 Resp: 135306

Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.2	118.8
97	53.8	42.3	63.5
132	29.0	23.3	34.9

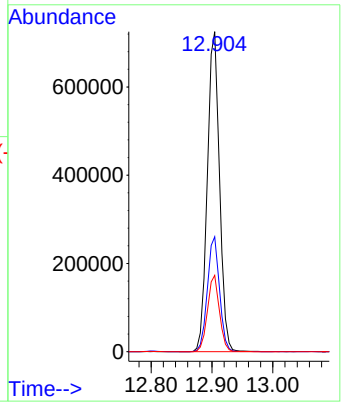




#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:172 Resp: 100615

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.8	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
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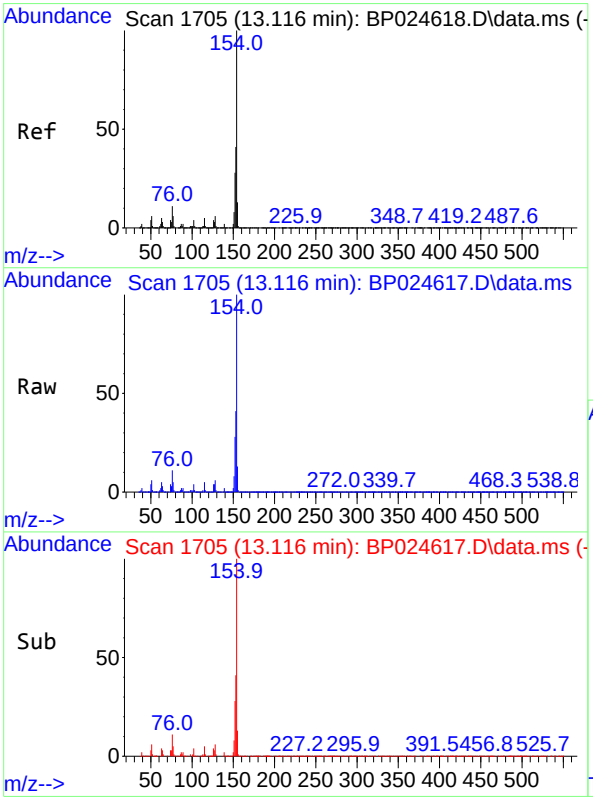
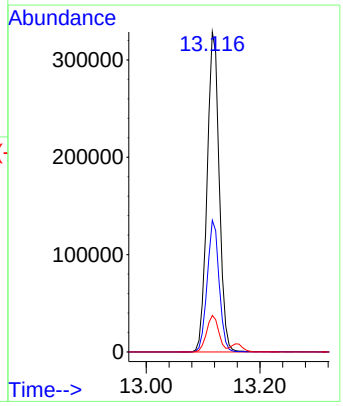
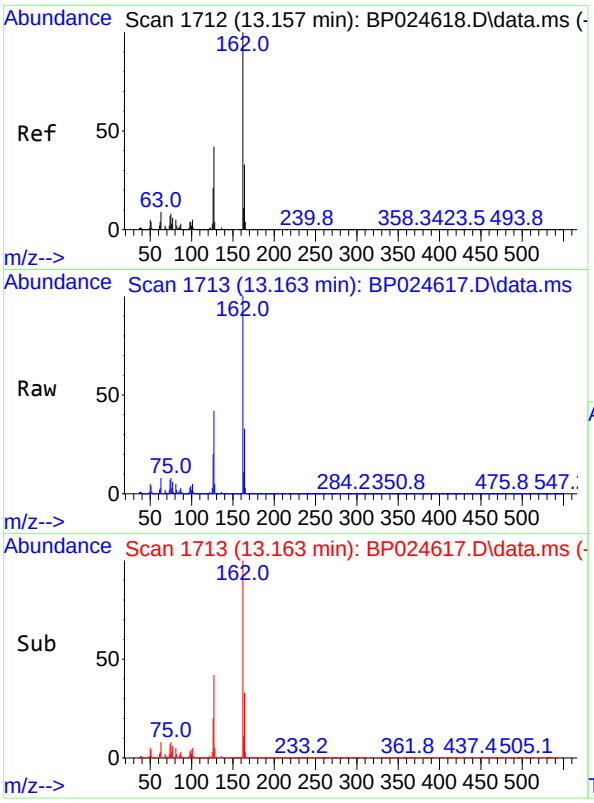


#46
1,1'-Biphenyl
Concen: 20.19 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 483352

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.4	0.0	31.5

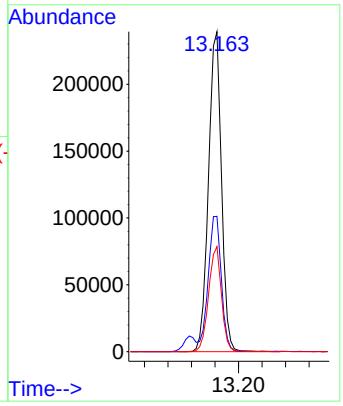




#47
2-Chloronaphthalene
Concen: 20.06 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:162 Resp: 36624

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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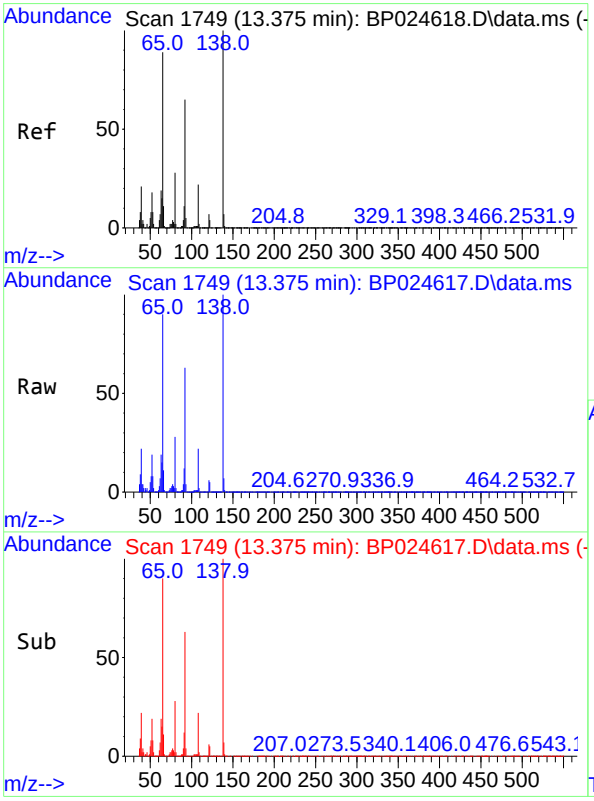
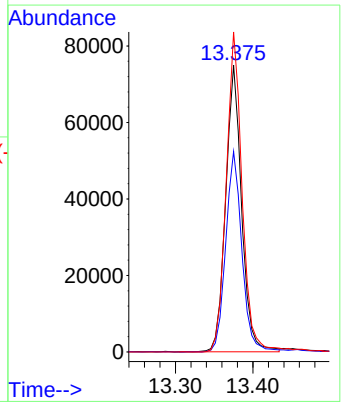
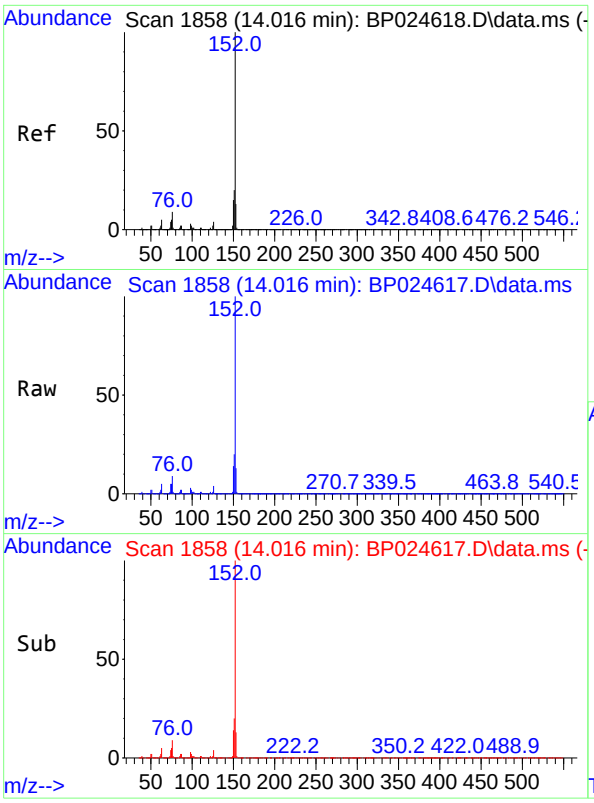


#48
2-Nitroaniline
Concen: 19.81 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 65 Resp: 107062

Ion	Ratio	Lower	Upper
65	100		
92	69.8	58.7	88.1
138	111.5	90.2	135.2

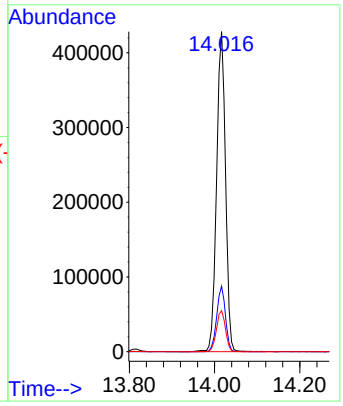




#49
Acenaphthylene
Concen: 20.36 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:152 Resp: 62199

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	12.8	10.2	15.4



Instrument :
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ClientSampleId :
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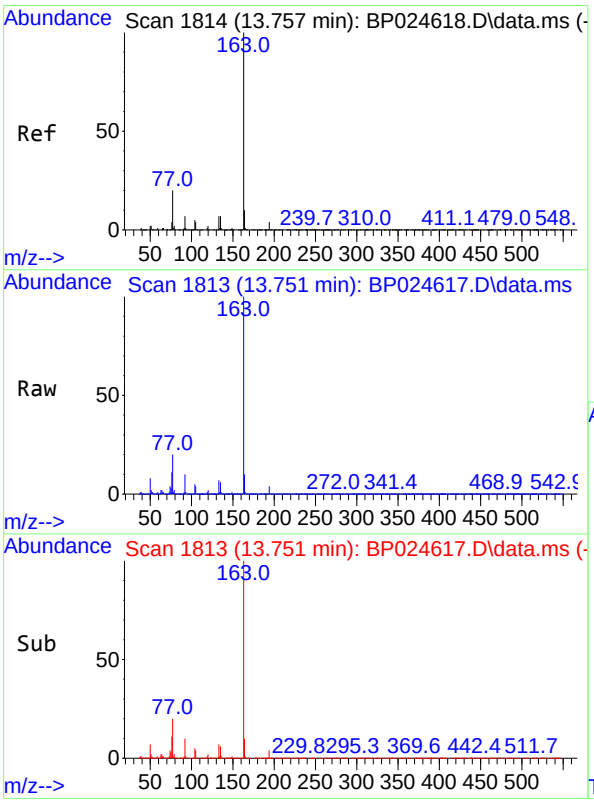
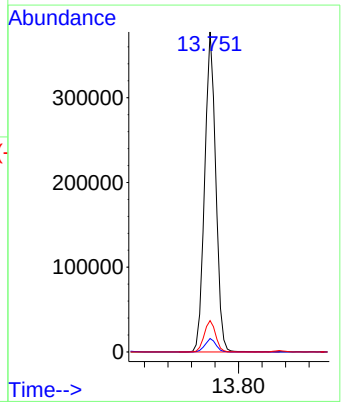
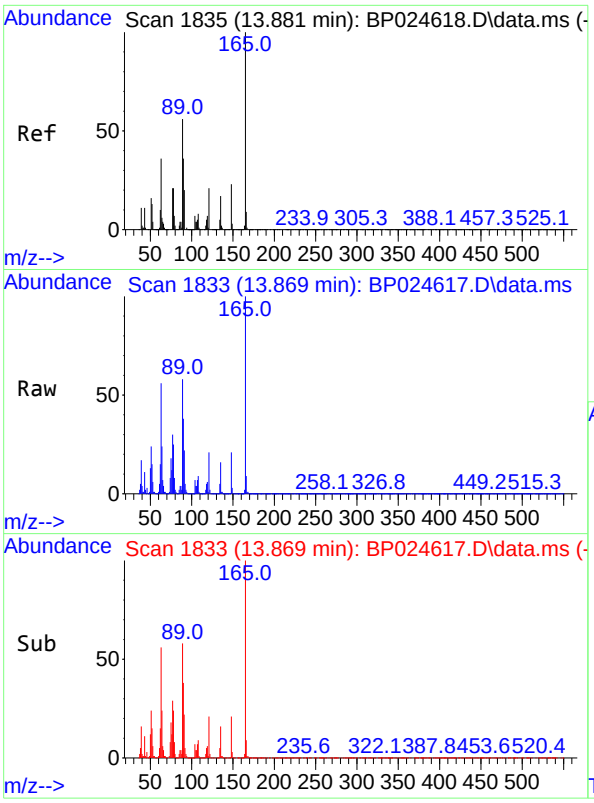


#50
Dimethylphthalate
Concen: 19.91 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:163 Resp: 491623

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 20.23 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:165 Resp: 10547

Ion	Ratio	Lower	Upper
165	100		
63	55.6	42.4	63.6
89	58.1	44.8	67.2

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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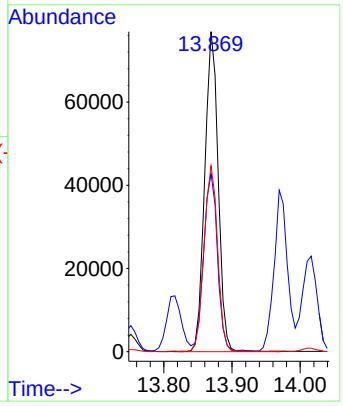
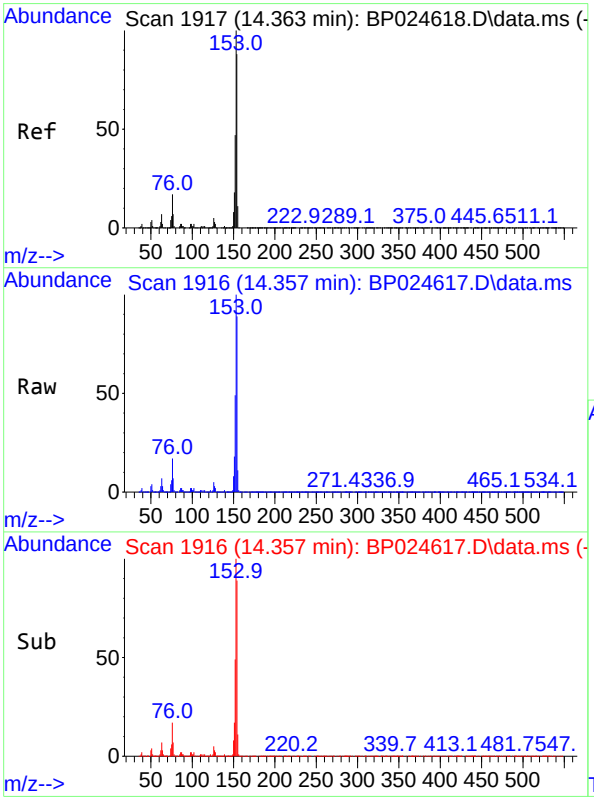
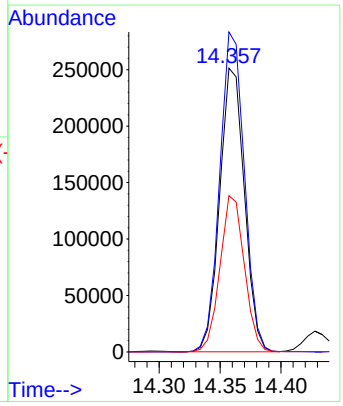


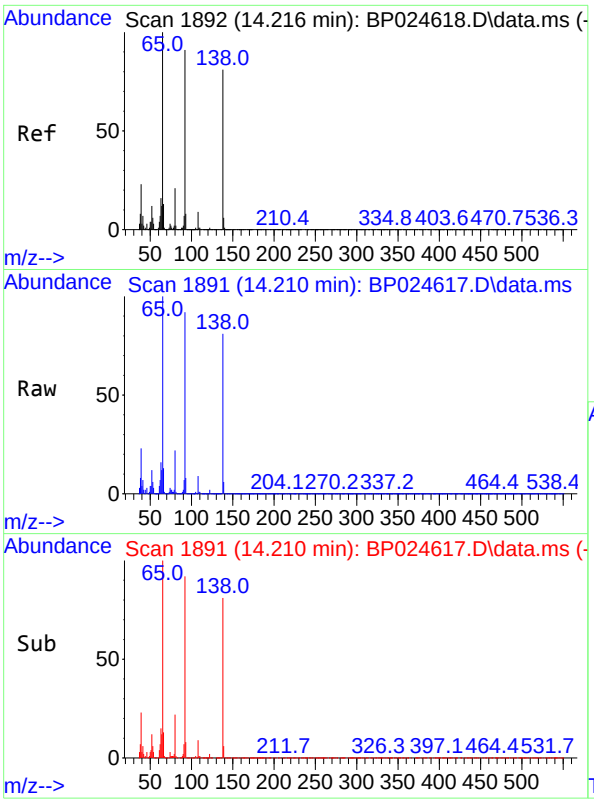


#52
Acenaphthene
Concen: 20.19 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:154 Resp: 354519

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	55.1	42.9	64.3

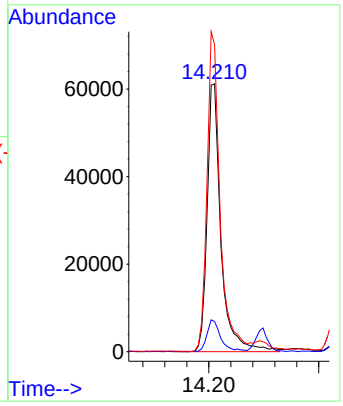




#53
3-Nitroaniline
Concen: 20.01 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 10652

Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.0	13.4
92	114.5	90.1	135.1



Instrument :
BNA_P
ClientSampleId :
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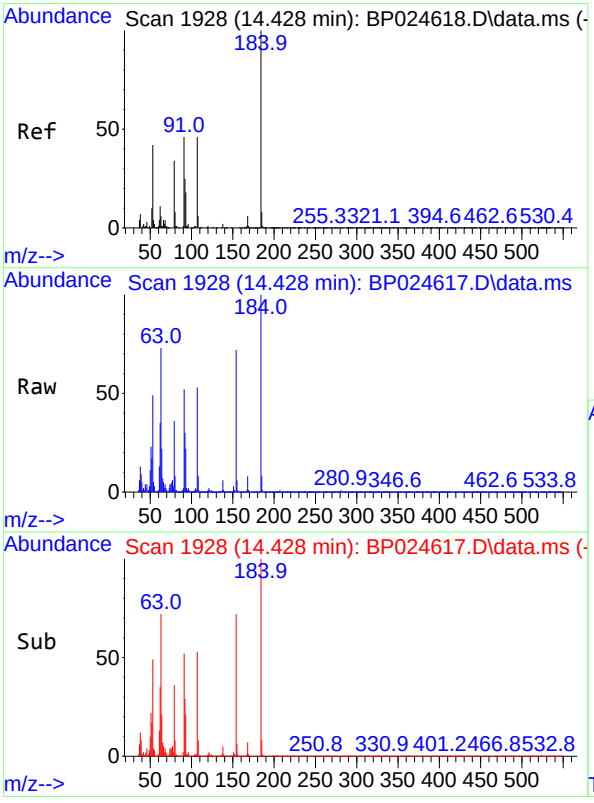
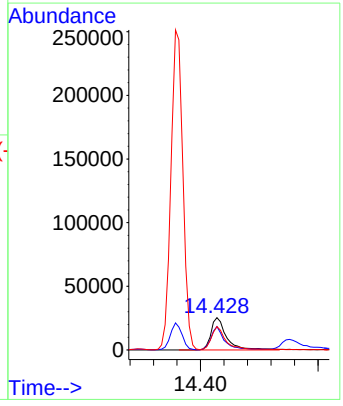
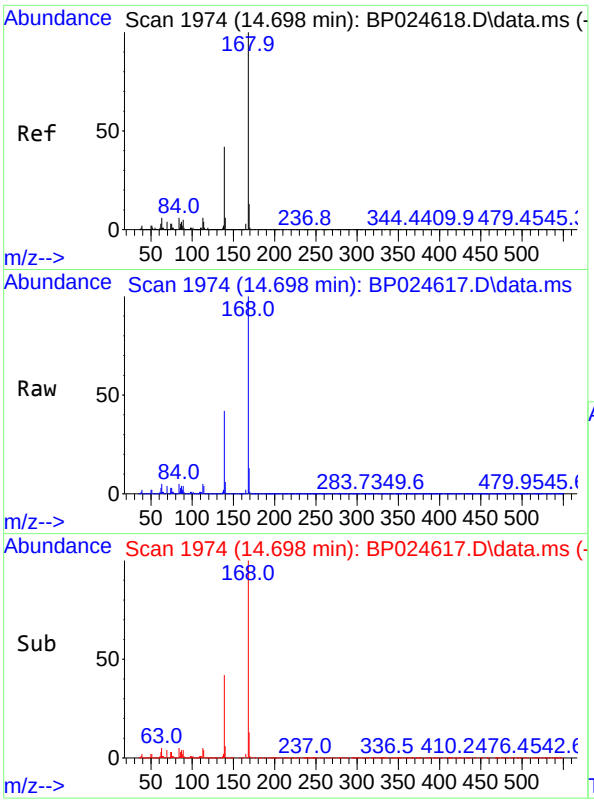


#54
2,4-Dinitrophenol
Concen: 19.37 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:184 Resp: 46351

Ion	Ratio	Lower	Upper
184	100		
63	72.5	51.3	76.9
154	72.4	53.5	80.3

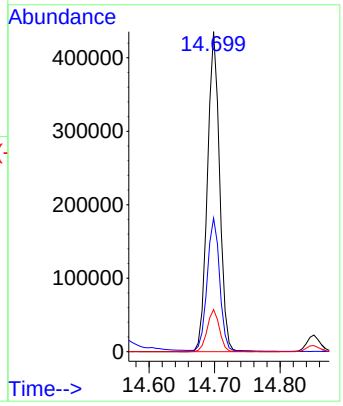




#55
Dibenzofuran
Concen: 20.12 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:168 Resp: 56371

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.1	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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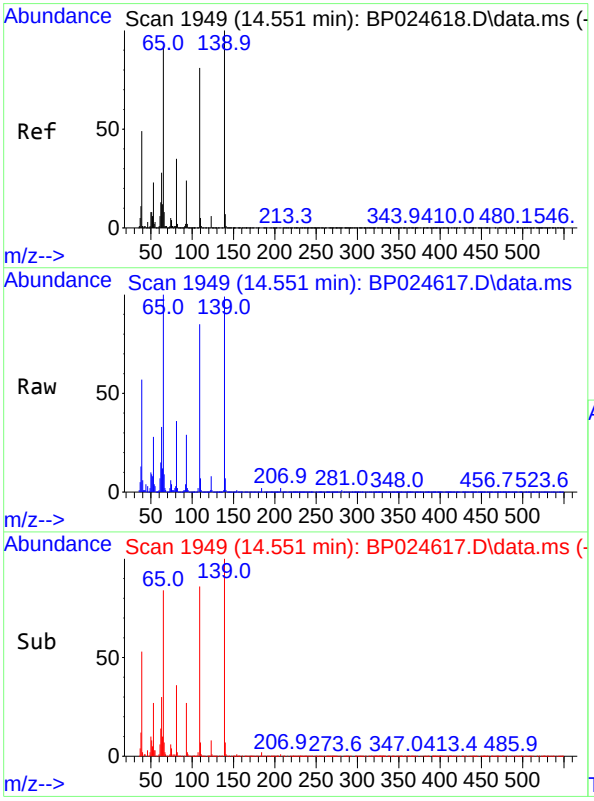
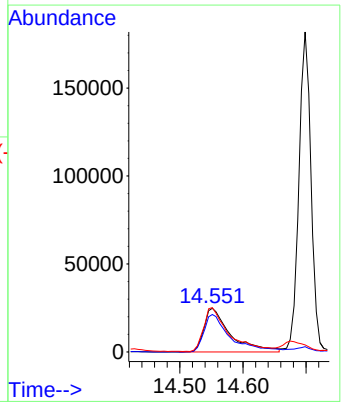
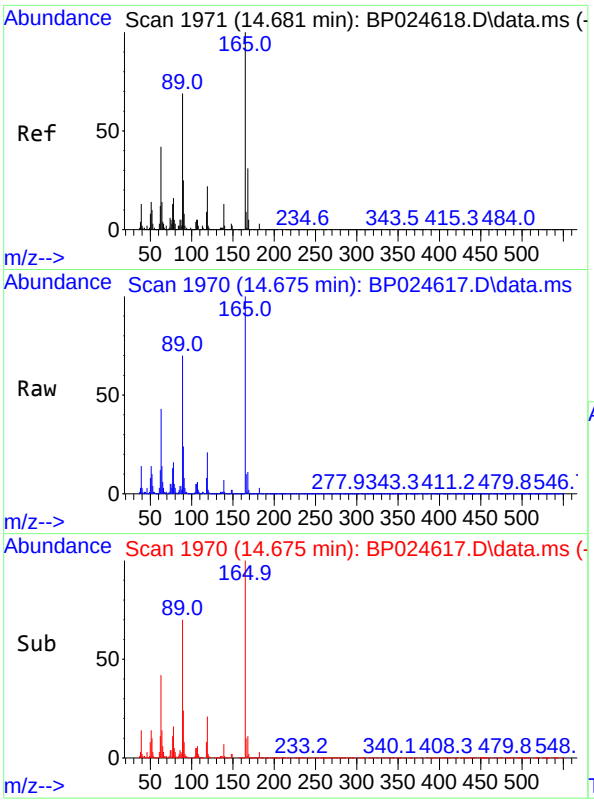


#56
4-Nitrophenol
Concen: 19.02 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:139 Resp: 71975

Ion	Ratio	Lower	Upper
139	100		
109	85.7	61.4	101.4
65	101.4	72.2	112.2

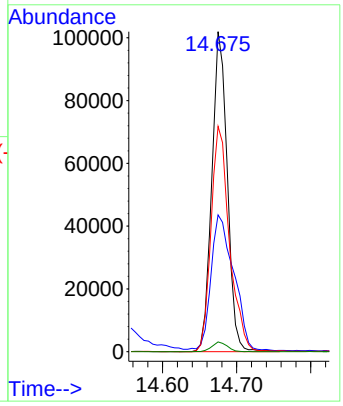




#57
2,4-Dinitrotoluene
Concen: 20.09 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:165 Resp: 14767

Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.8	50.6
89	70.4	55.6	83.4
182	3.1	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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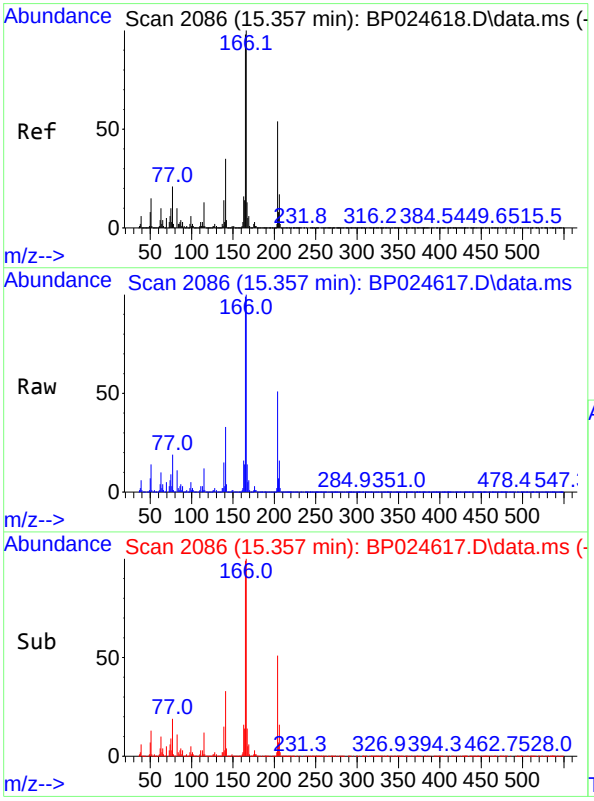
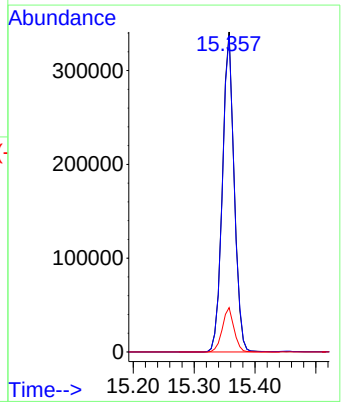
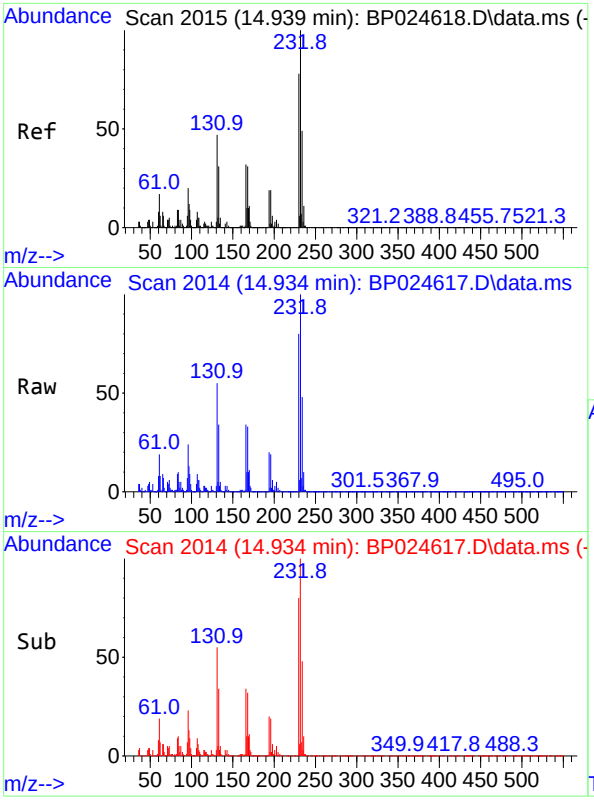


#58
Fluorene
Concen: 20.00 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:166 Resp: 456792

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	13.8	10.7	16.1

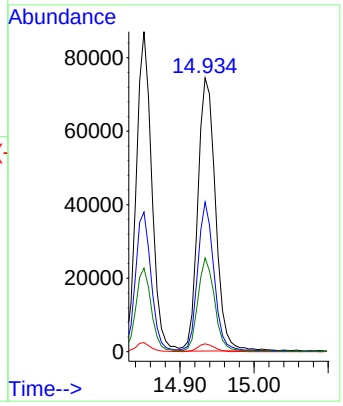




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.59 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:232 Resp: 12326

Ion	Ratio	Lower	Upper
232	100		
131	50.2	39.5	59.3
130	2.7	2.2	3.4
166	32.0	25.7	38.5



Instrument :
BNA_P
ClientSampleId :
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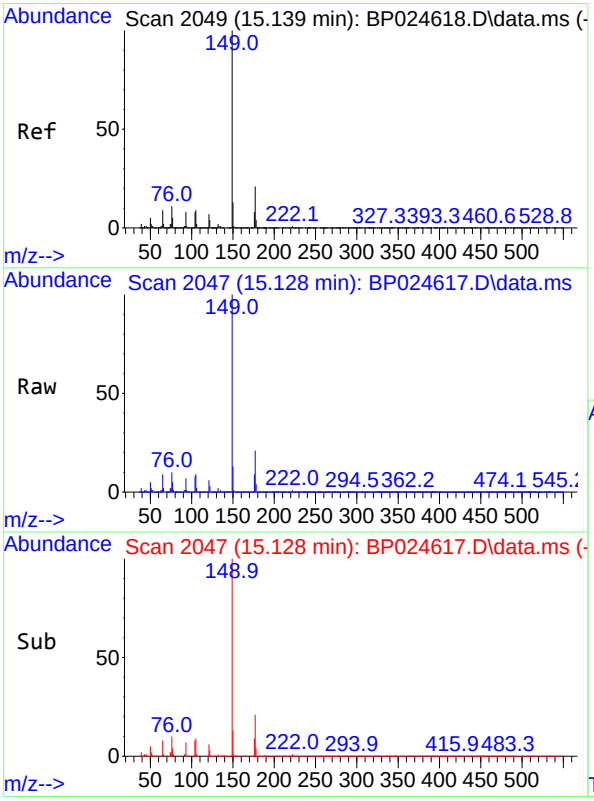
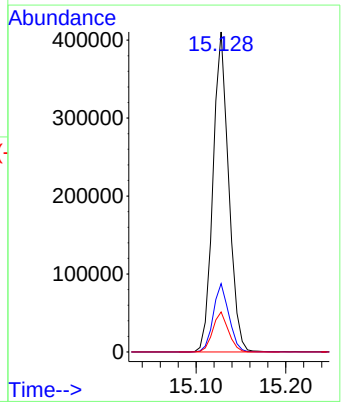
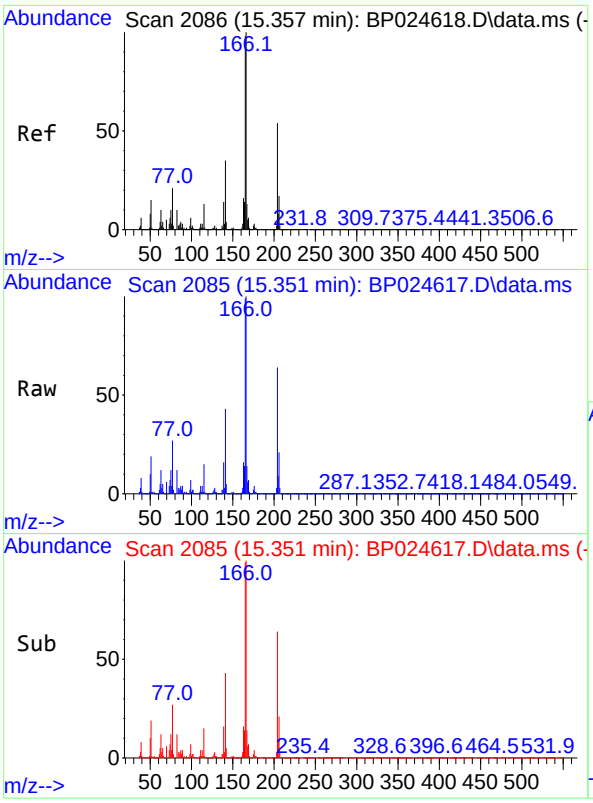


#60
Diethylphthalate
Concen: 19.95 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 497916

Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.5	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 19.91 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:204 Resp: 22679

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	68.0	52.9	79.3

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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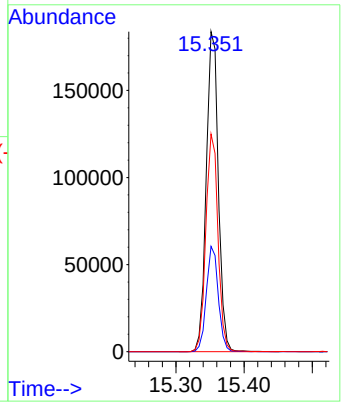
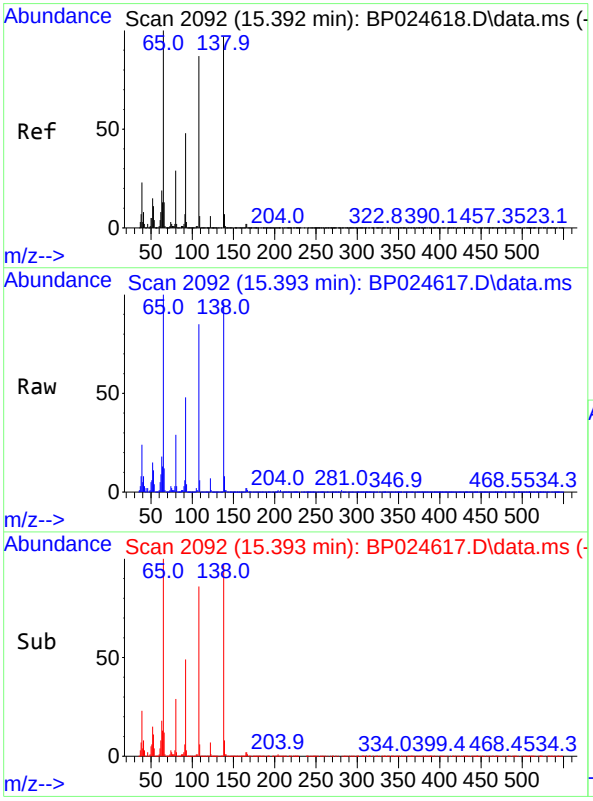
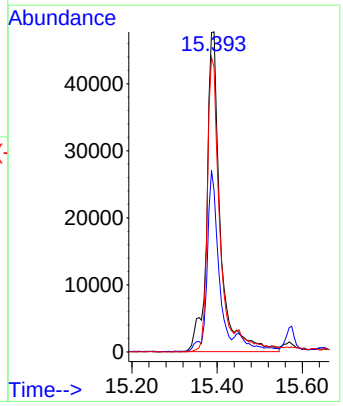


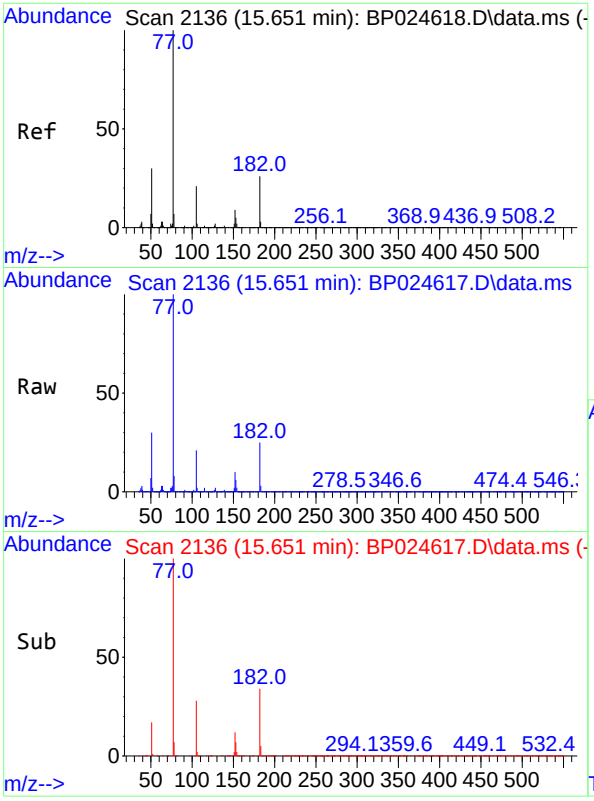


#62
4-Nitroaniline
Concen: 20.37 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:138 Resp: 105617

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.2	69.2
108	89.0	69.0	109.0

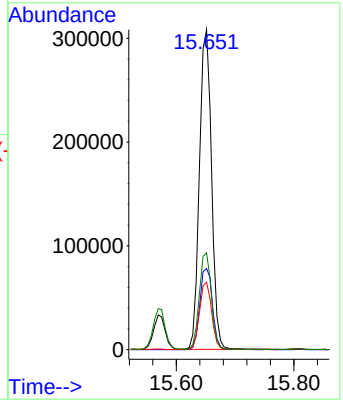




#63
Azobenzene
Concen: 20.57 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion: 77 Resp: 43918

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.7	45.7
105	21.1	1.3	41.3
51	30.3	10.6	50.6



Instrument :
BNA_P
ClientSampleId :
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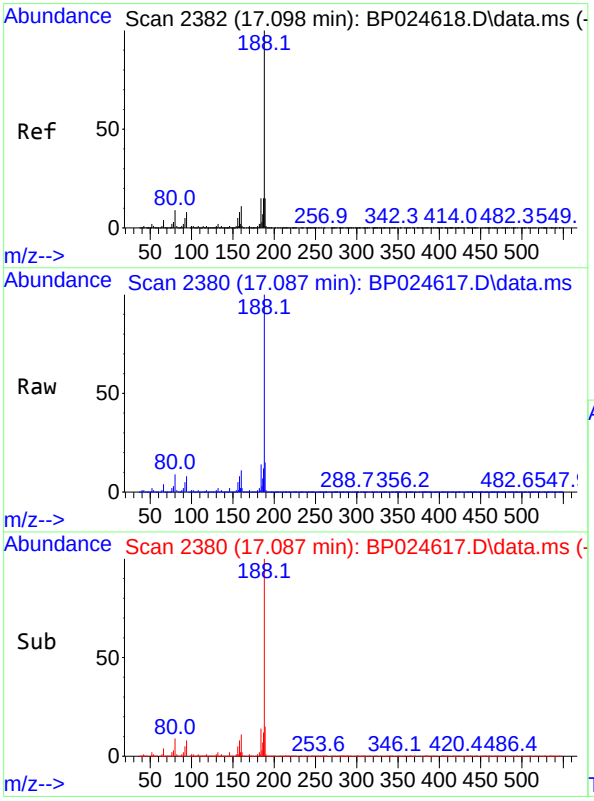
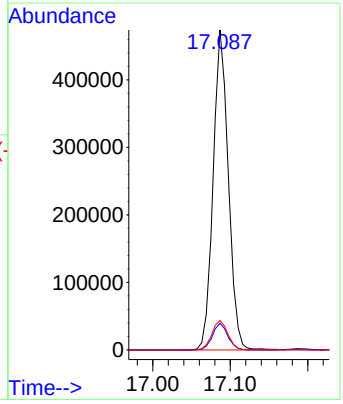
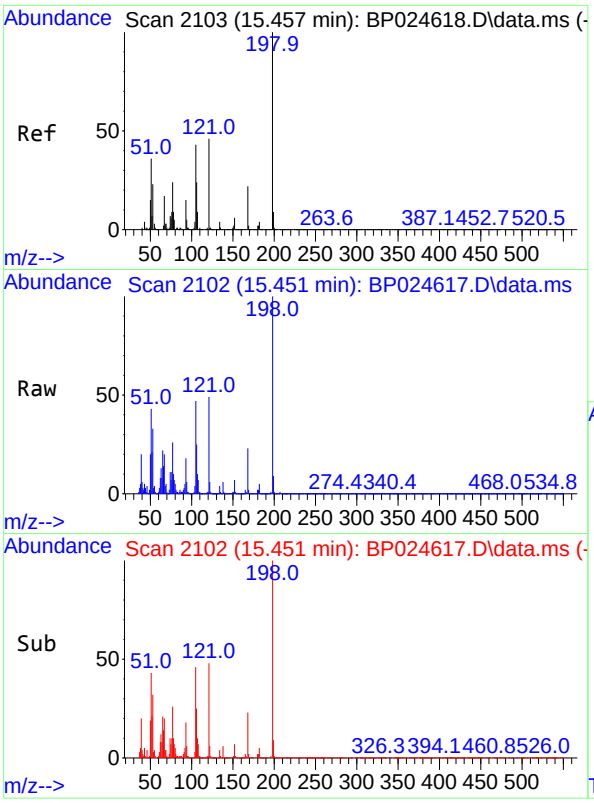


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:188 Resp: 644367

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.5	9.7
80	9.2	7.3	10.9

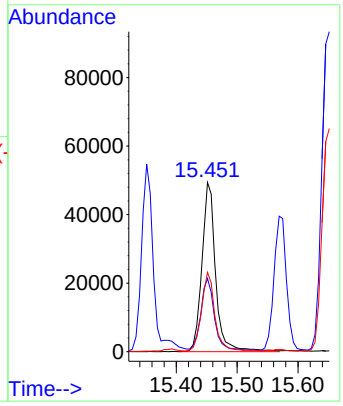




#65
4,6-Dinitro-2-methylphenol
Concen: 18.53 ng
RT: 15.451 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:198 Resp: 7713

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	46.8	23.6	63.6



Instrument :
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ClientSampleId :
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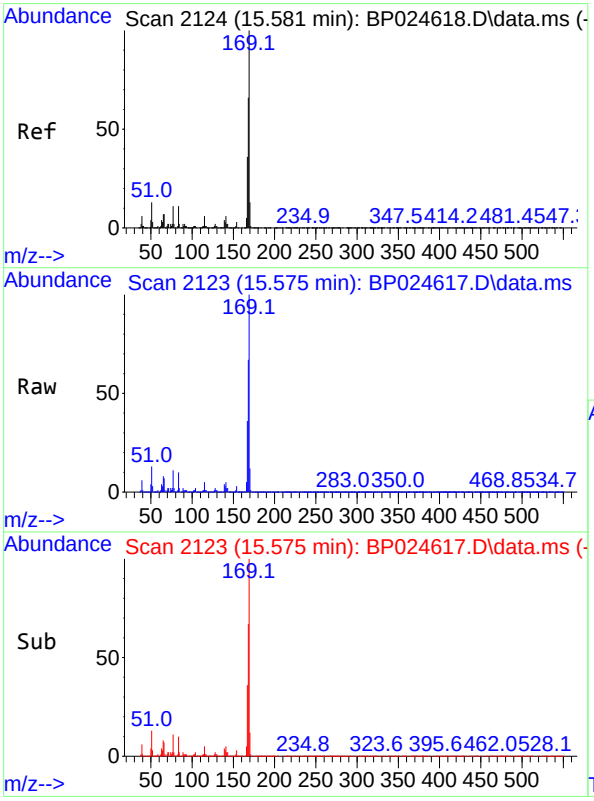
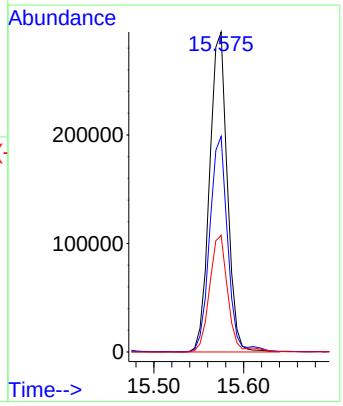
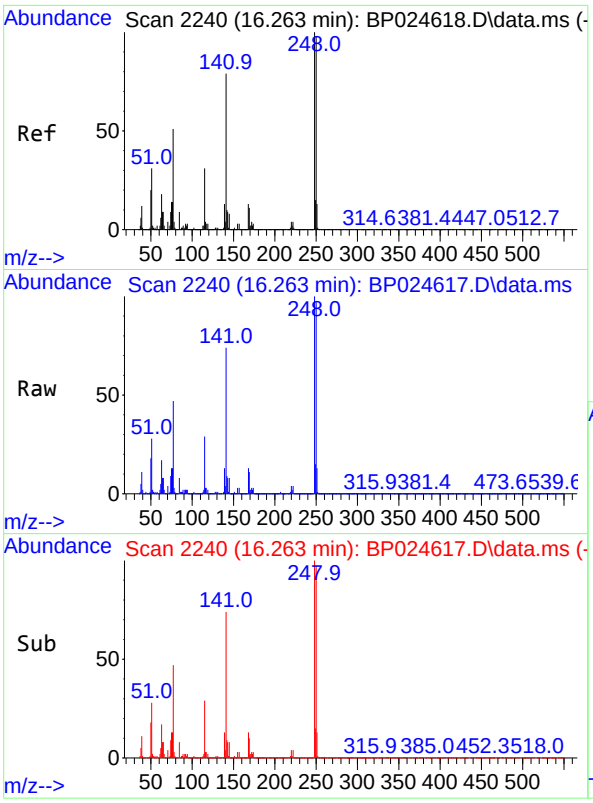


#66
n-Nitrosodiphenylamine
Concen: 20.42 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:169 Resp: 404085

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	28.6	43.0

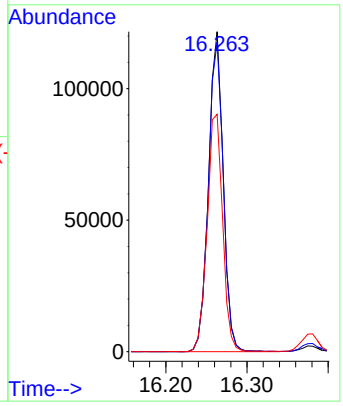




#67
4-Bromophenyl-phenylether
Concen: 20.07 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:248 Resp: 15239

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.2	117.4
141	74.2	63.0	94.6



Instrument :
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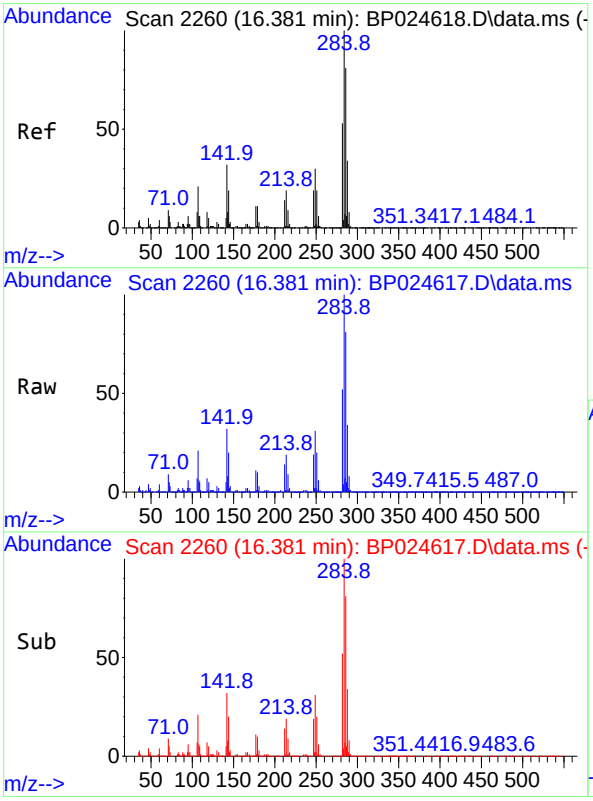
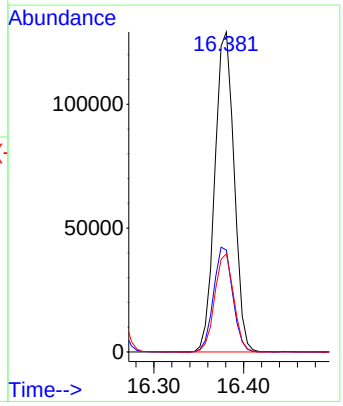
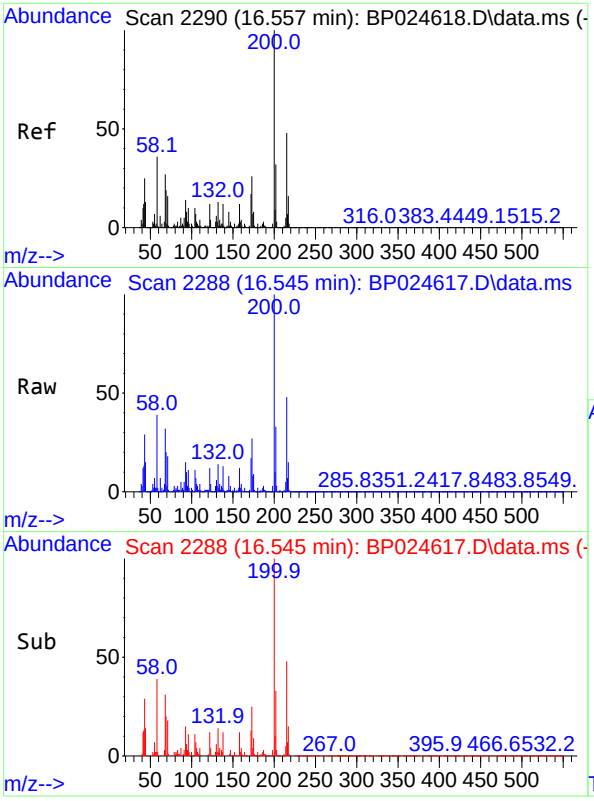


#68
Hexachlorobenzene
Concen: 19.93 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:284 Resp: 192290

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.7	24.1	36.1

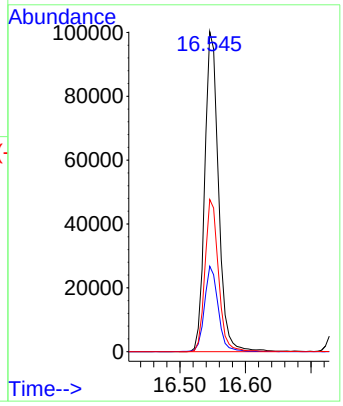




#69
Atrazine
Concen: 20.19 ng
RT: 16.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:200 Resp: 14646

Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.9	45.9
215	47.5	28.3	68.3



Instrument :
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ClientSampleId :
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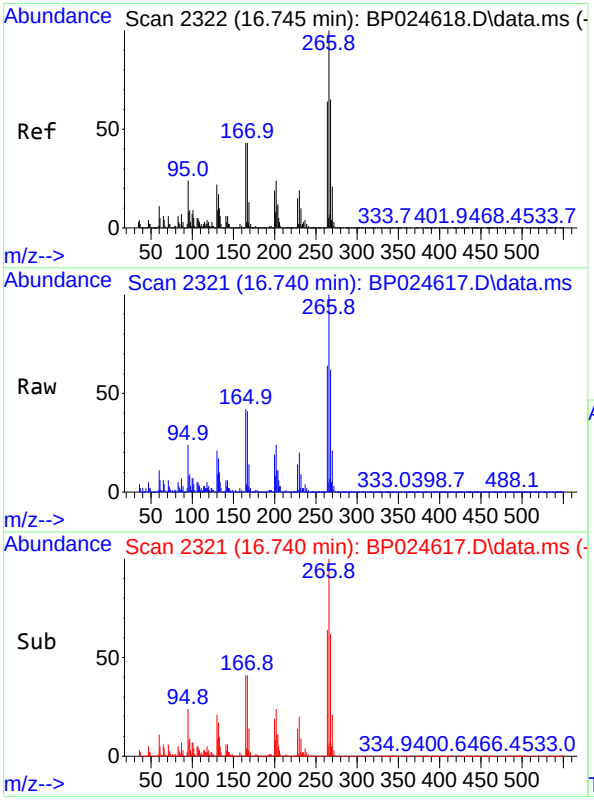
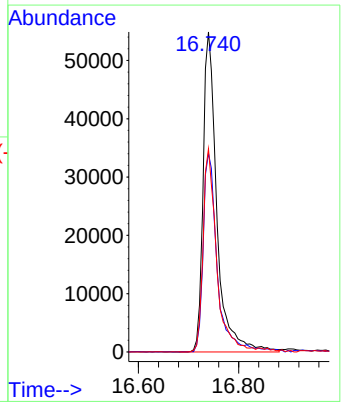
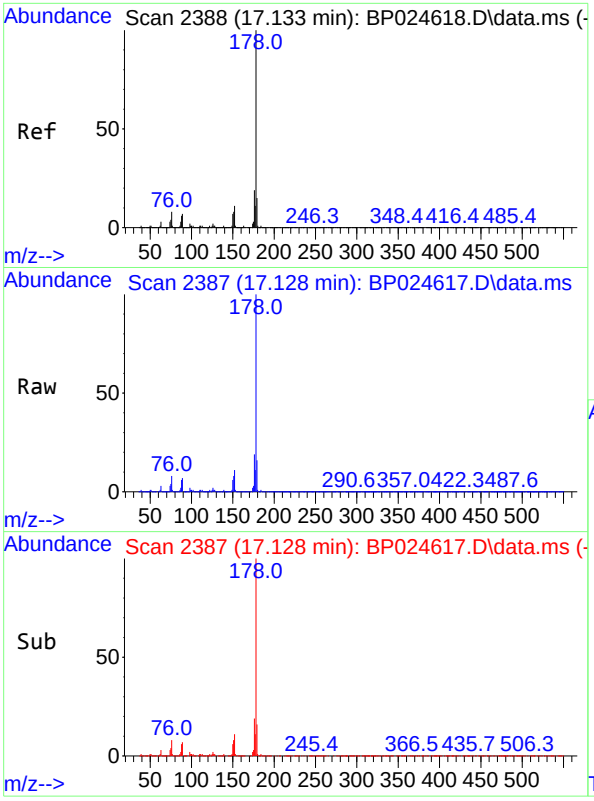


#70
Pentachlorophenol
Concen: 19.36 ng
RT: 16.740 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:266 Resp: 104916

Ion	Ratio	Lower	Upper
266	100		
268	62.1	52.2	78.4
264	63.5	51.1	76.7

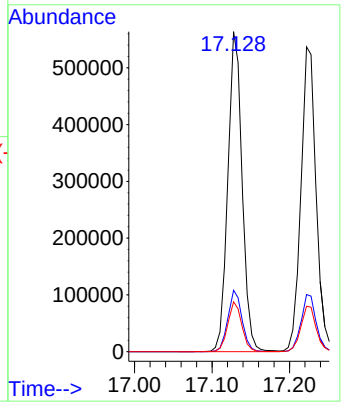




#71
Phenanthrene
Concen: 20.24 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:178 Resp: 72492

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.6	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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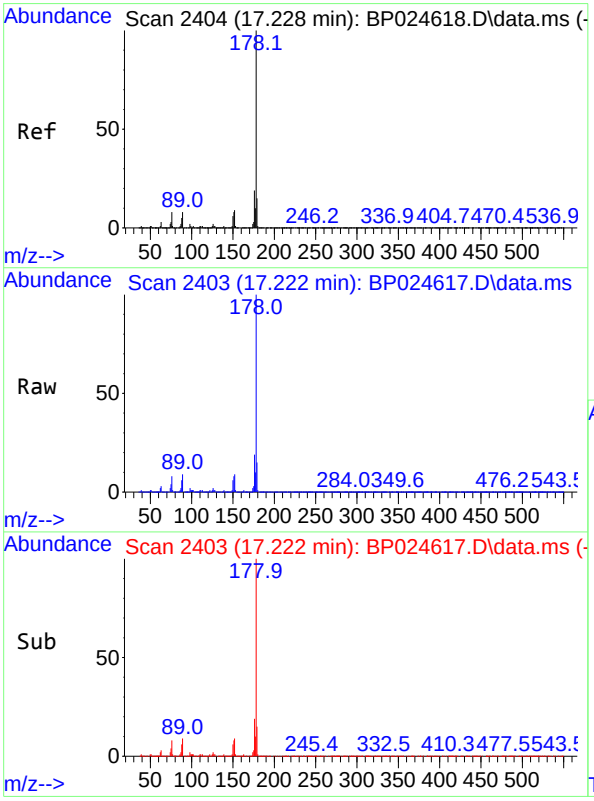
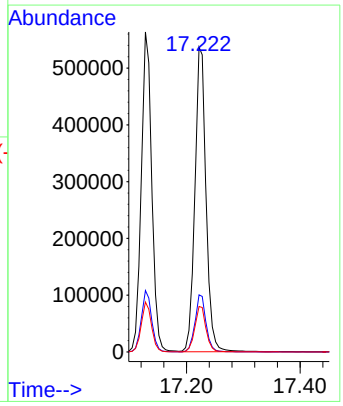
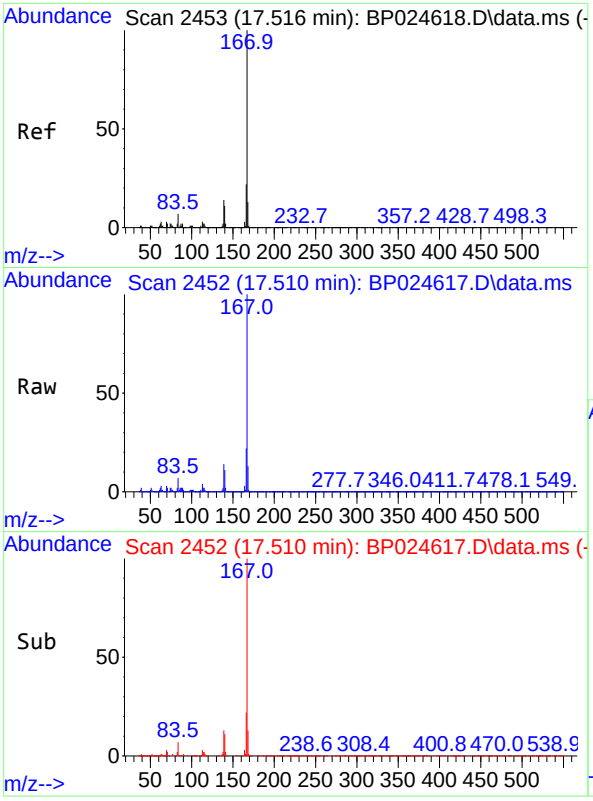


#72
Anthracene
Concen: 20.42 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:178 Resp: 735787

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.2	18.2





#73
Carbazole
Concen: 20.53 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:167 Resp: 66973

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.7	26.5
139	14.4	11.3	16.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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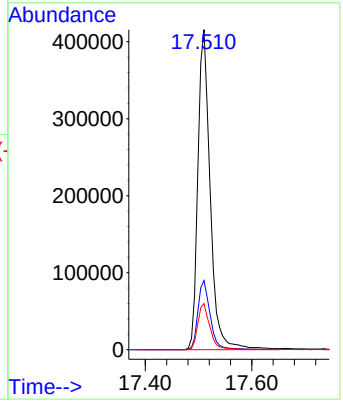
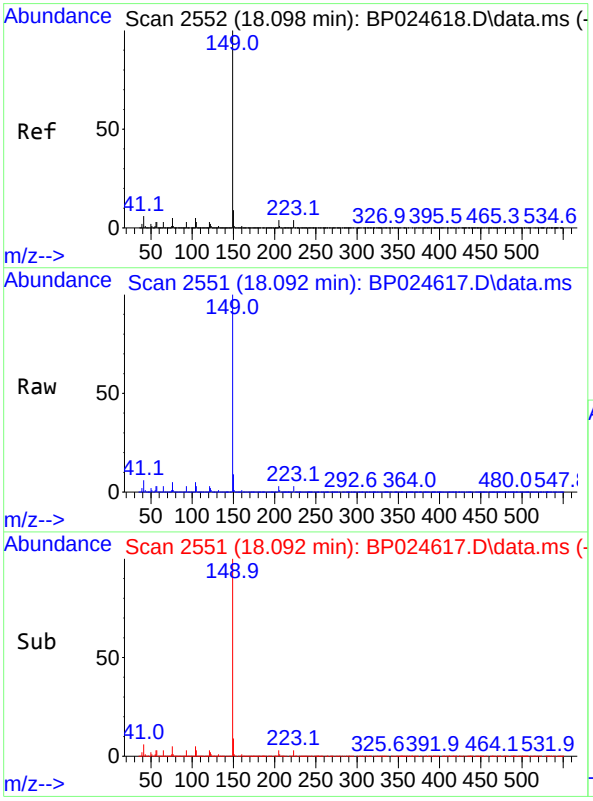
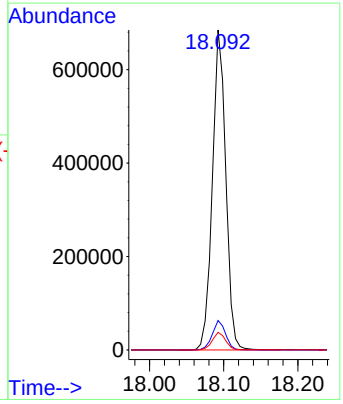


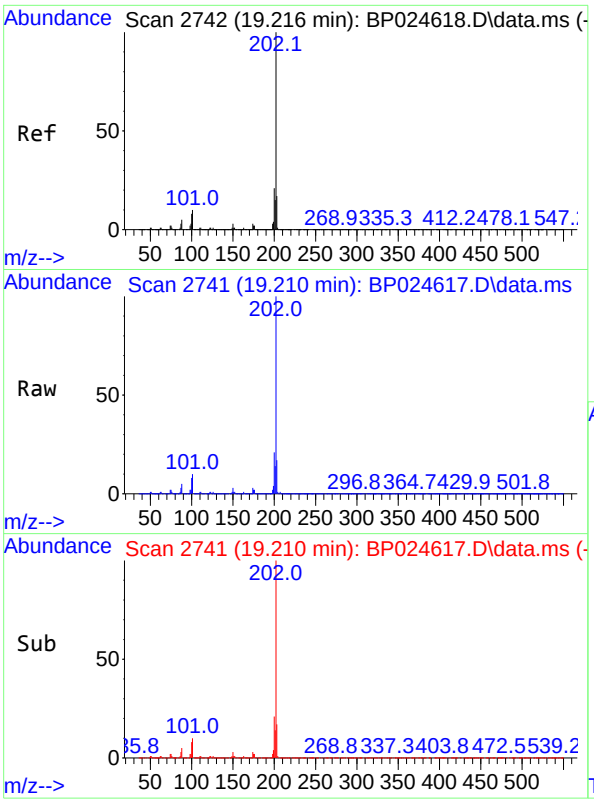


#74
Di-n-butylphthalate
Concen: 20.46 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 858522

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.5	4.3	6.5

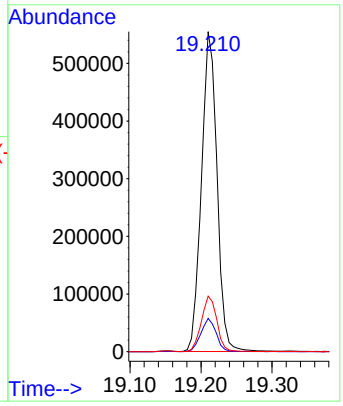




#75
Fluoranthene
Concen: 20.22 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:202 Resp: 84668

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
203	17.3	0.0	37.5



Instrument :
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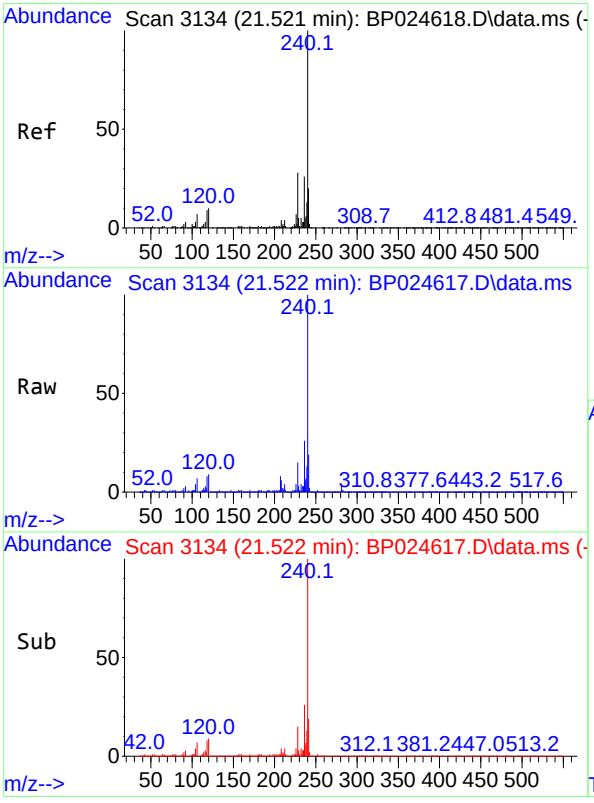
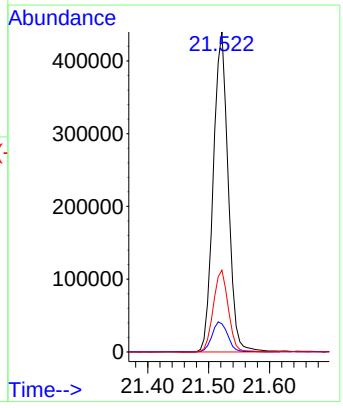
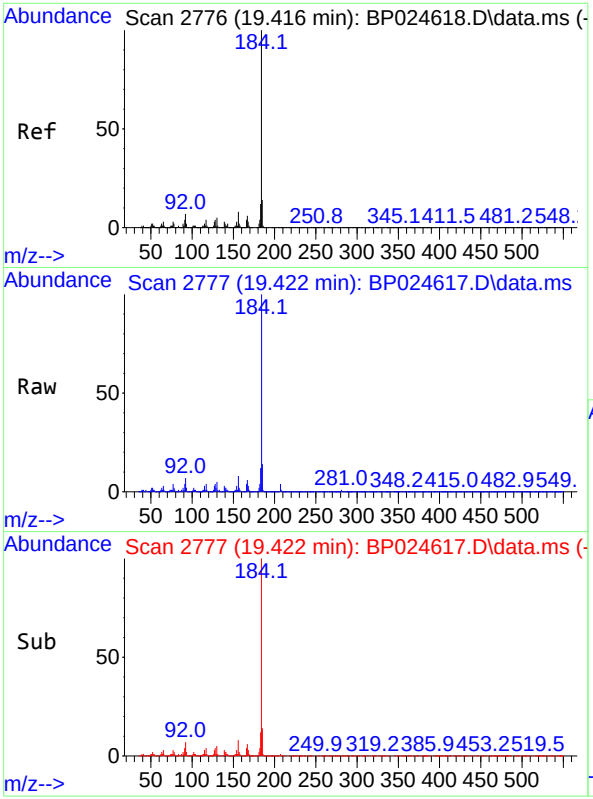


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:240 Resp: 745224

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	25.5	20.6	31.0

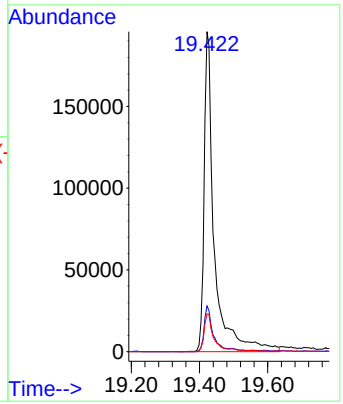




#77
Benzidine
Concen: 19.79 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:184 Resp: 40489

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	11.8	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
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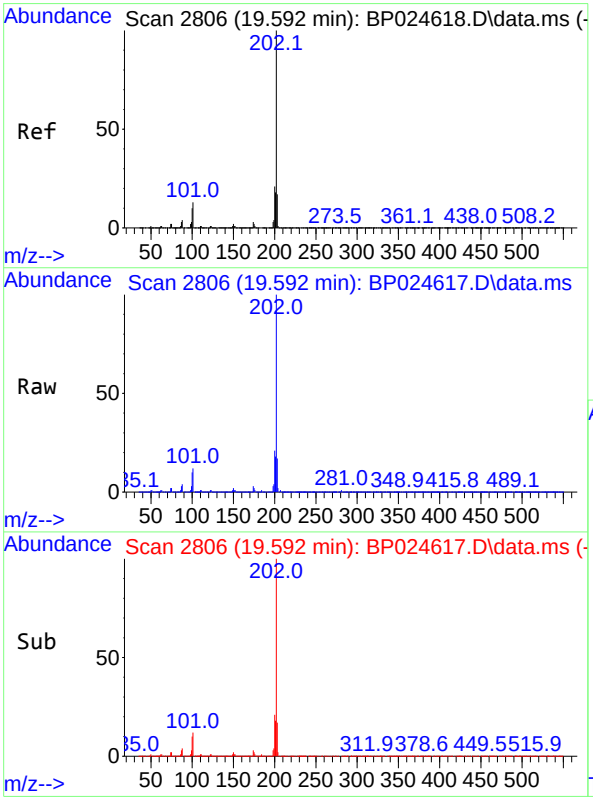
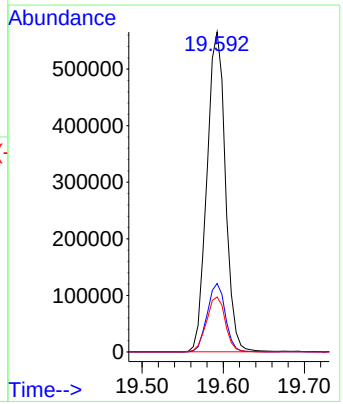
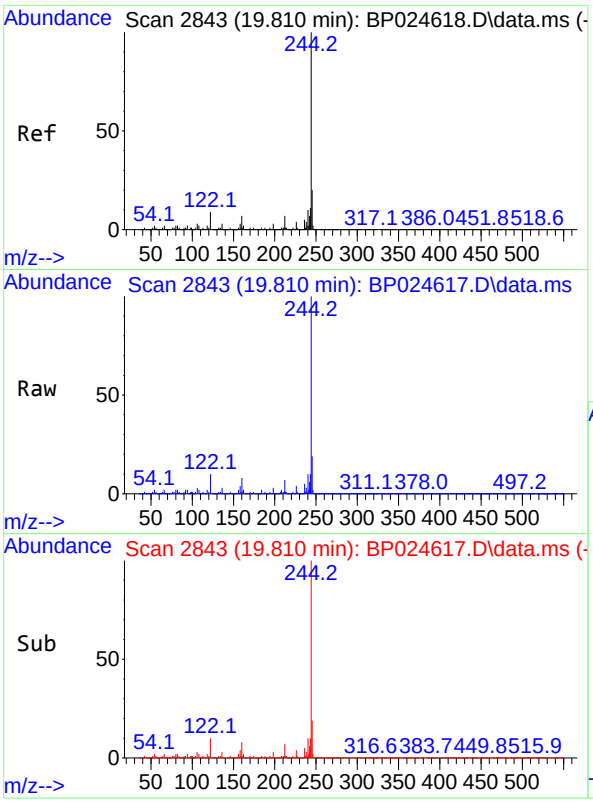


#78
Pyrene
Concen: 19.98 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:202 Resp: 892037

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.2	13.9	20.9

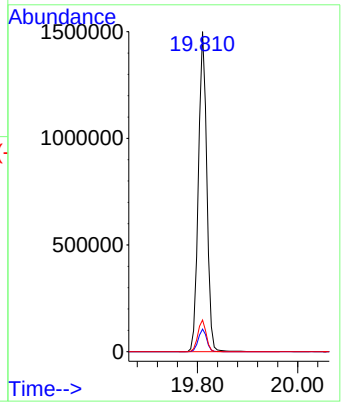




#79
Terphenyl-d14
Concen: 39.96 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:244 Resp: 173687

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.9	7.4	11.0



Instrument :
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ClientSampleId :
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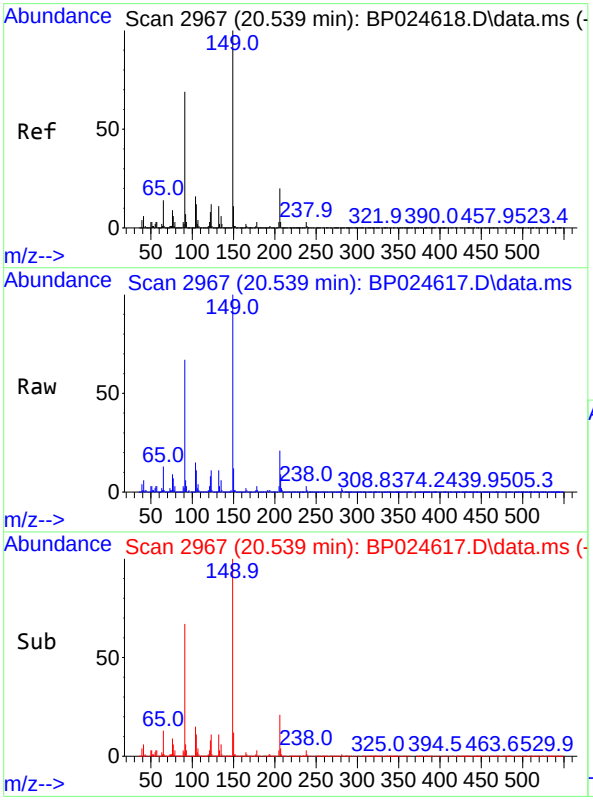
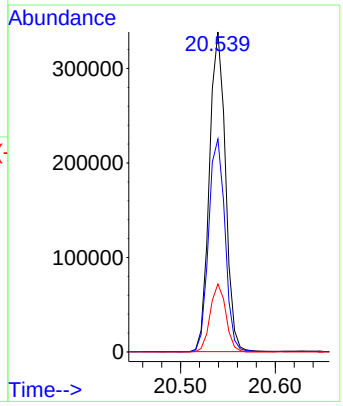
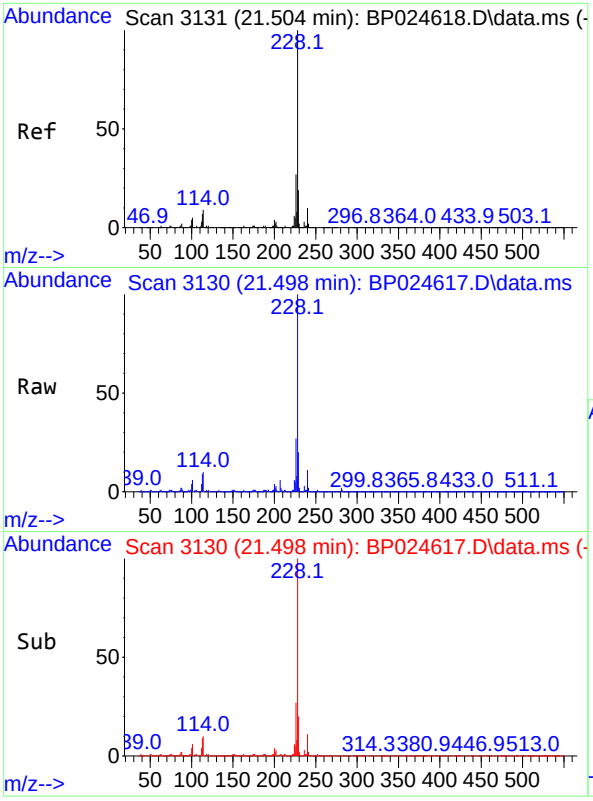


#80
Butylbenzylphthalate
Concen: 20.14 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 400050

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	21.3	16.2	24.2

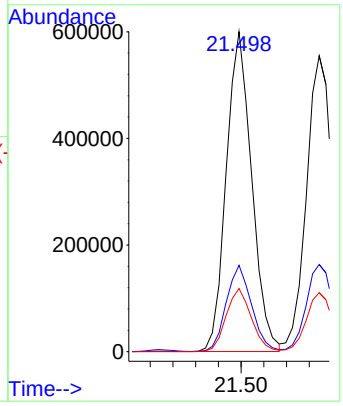




#81
Benzo(a)anthracene
Concen: 19.95 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:228 Resp: 93361

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	19.7	15.5	23.3



Instrument :
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ClientSampleId :
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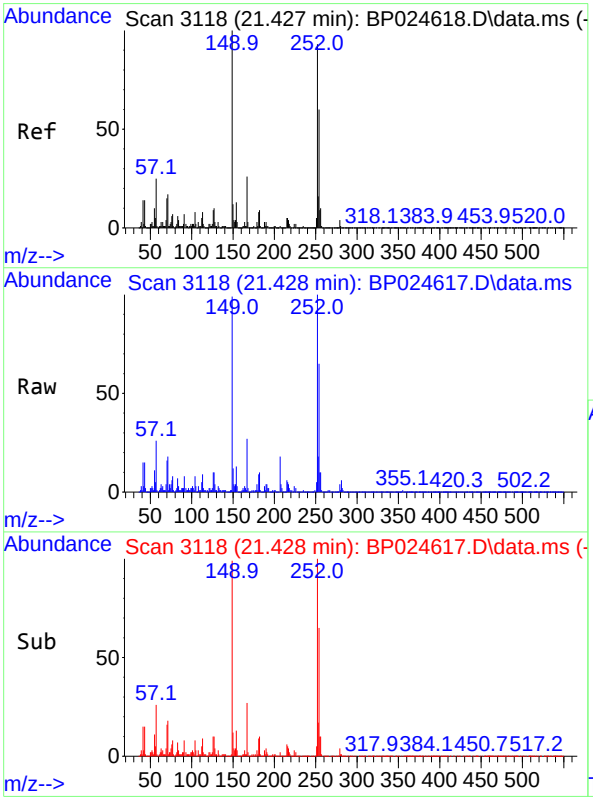
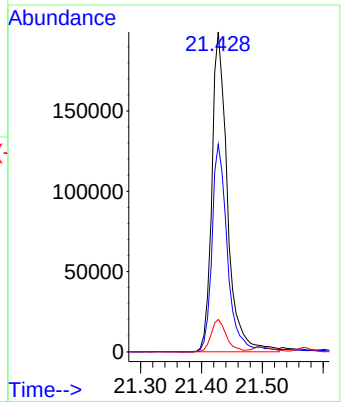
Supervised By :Jagrut Upadhyay 05/14/2025

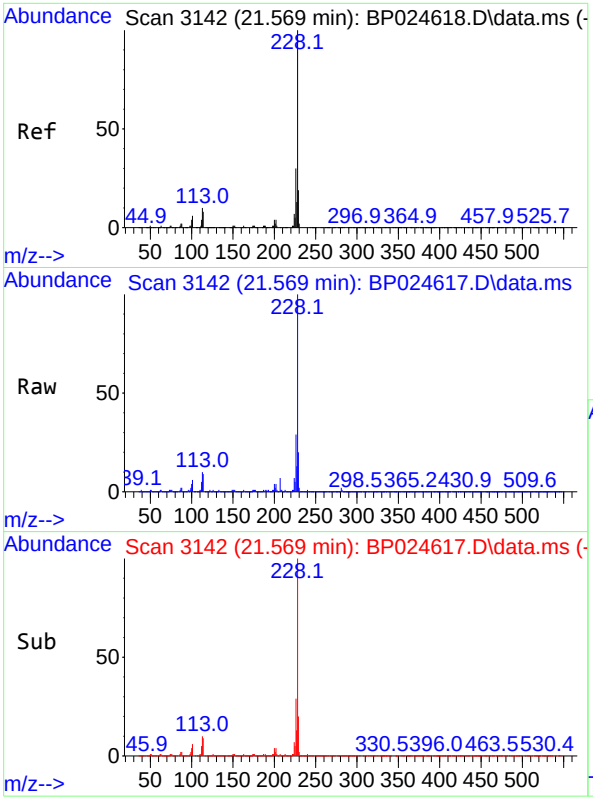


#82
3,3'-Dichlorobenzidine
Concen: 20.31 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 353000

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.1	7.7	11.5

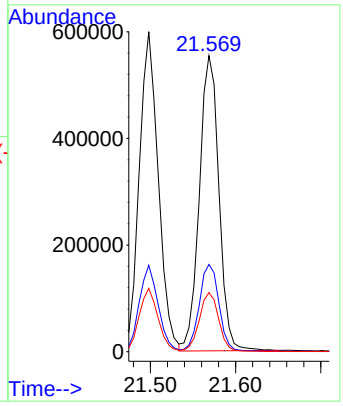




#83
Chrysene
Concen: 19.91 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:228 Resp: 88300

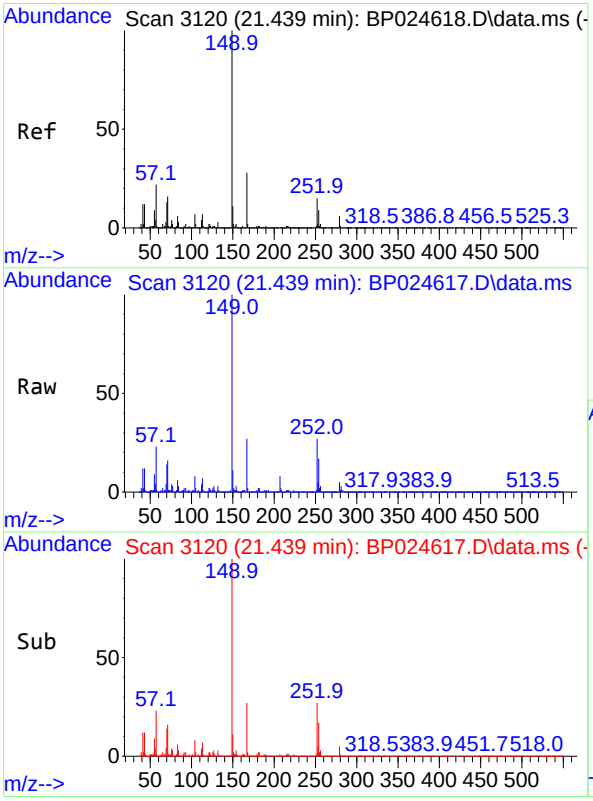
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	20.0	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

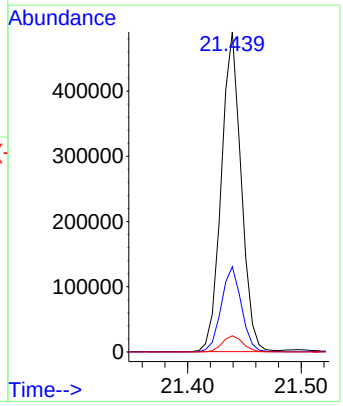
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

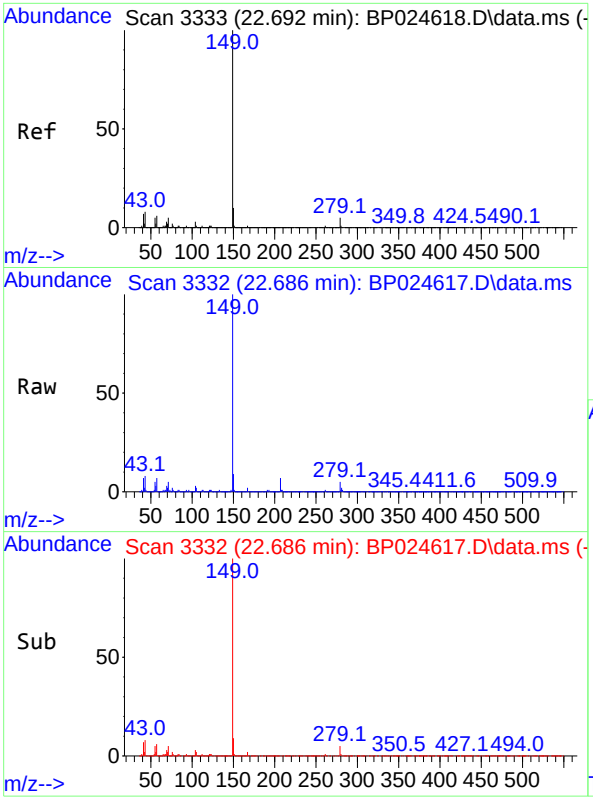


#84
Bis(2-ethylhexyl)phthalate
Concen: 20.45 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 597012

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.1	33.1
279	5.0	4.6	6.8

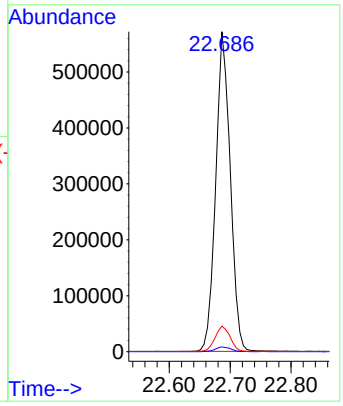




#85
Di-n-octyl phthalate
Concen: 19.85 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:149 Resp: 94757

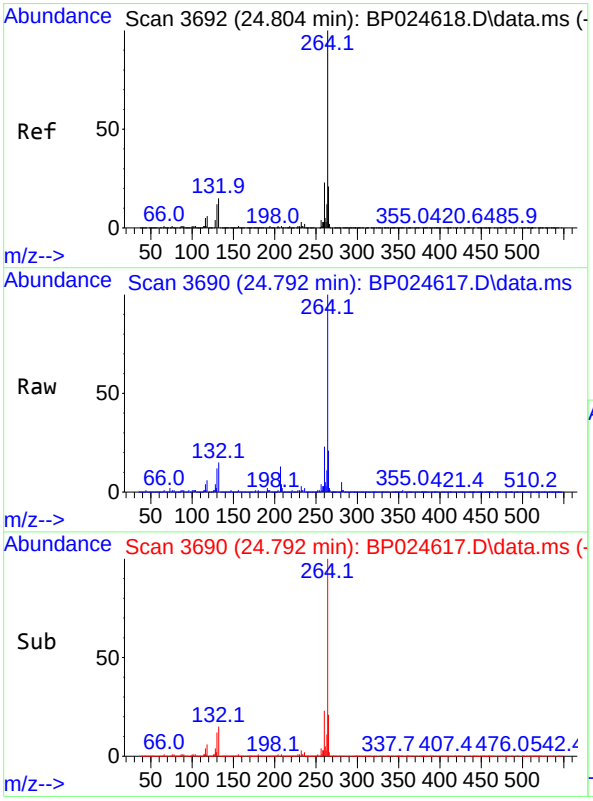
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

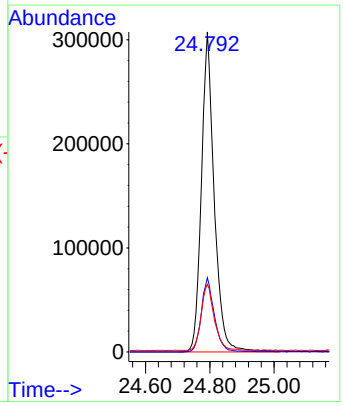
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

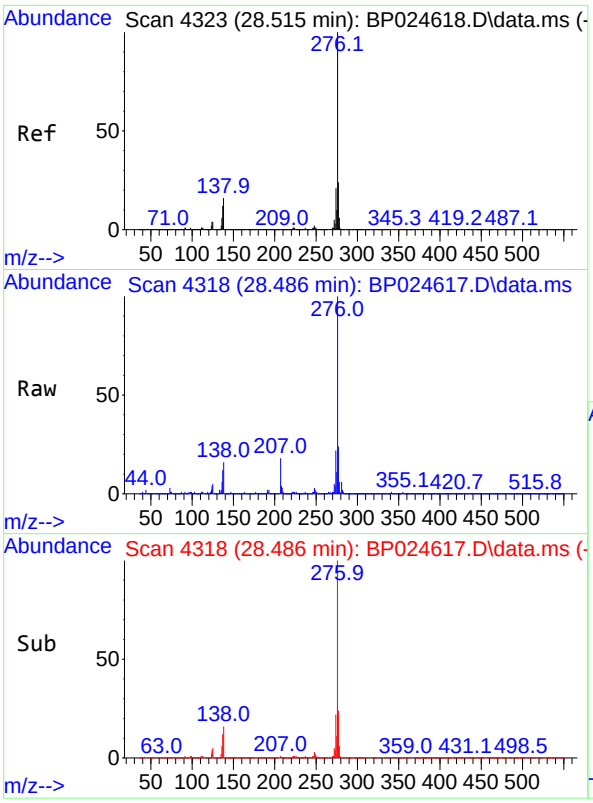


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:264 Resp: 850264

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.2	17.0	25.6

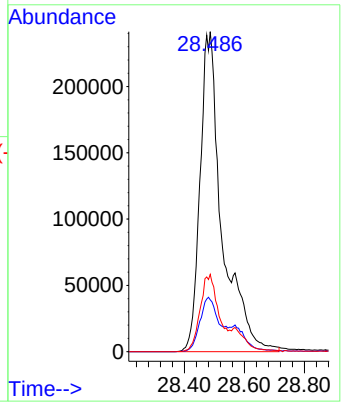




#87
Indeno(1,2,3-cd)pyrene
Concen: 19.81 ng m
RT: 28.486 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:276 Resp: 123012

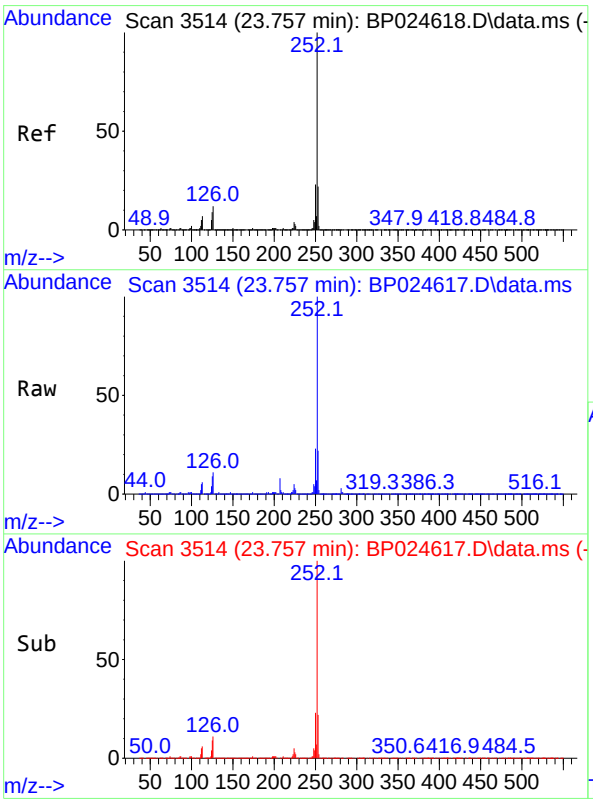
Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.2	16.8
277	20.9	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

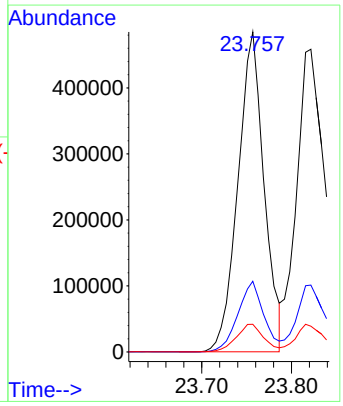
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

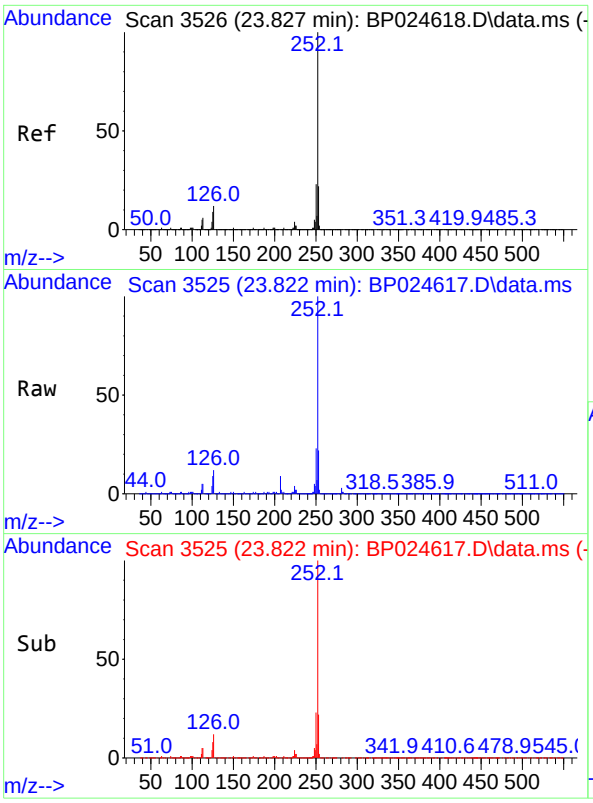


#88
Benzo(b)fluoranthene
Concen: 20.13 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 979873

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.7	7.5	11.3

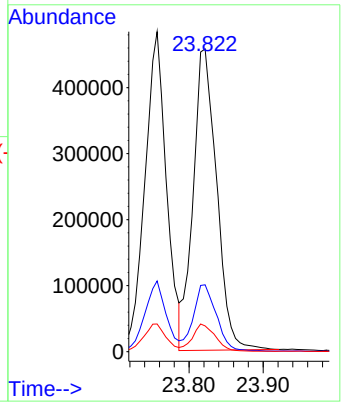




#89
Benzo(k)fluoranthene
Concen: 20.05 ng
RT: 23.822 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 100534

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations
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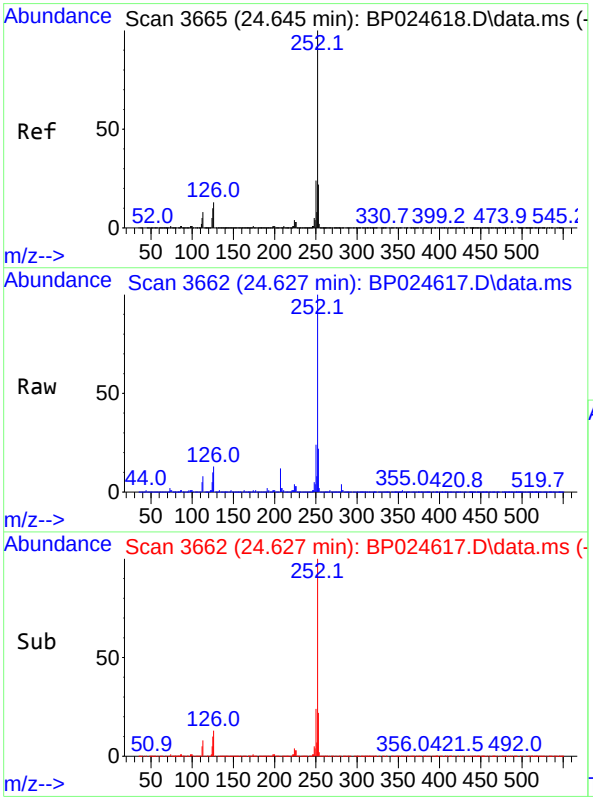
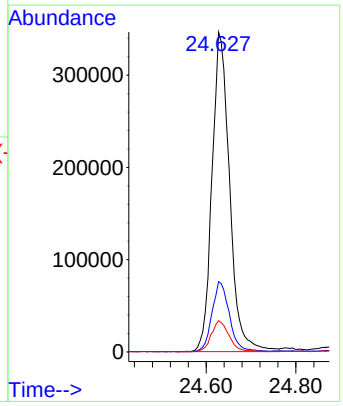
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

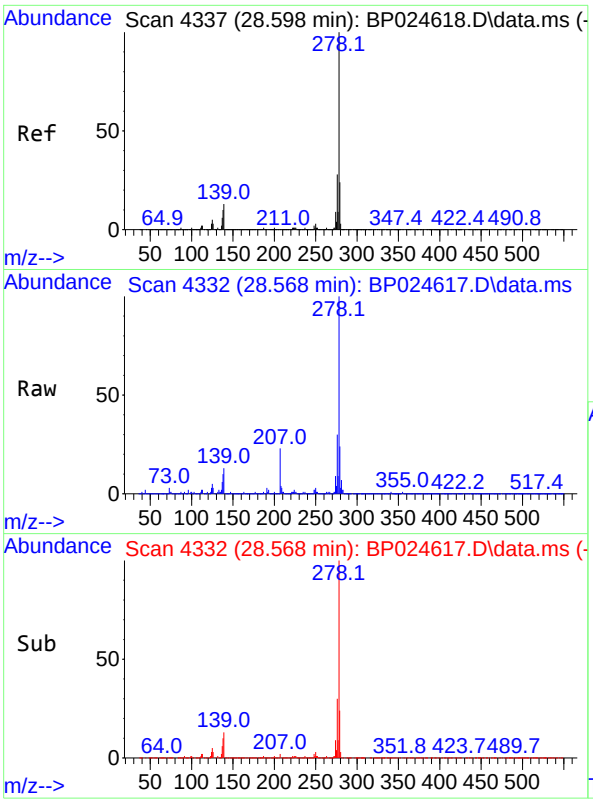


#90
Benzo(a)pyrene
Concen: 20.23 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.017 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:252 Resp: 945764

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.8	8.1	12.1

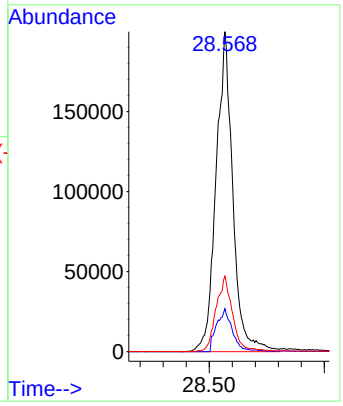




#91
Dibenzo(a,h)anthracene
Concen: 19.97 ng
RT: 28.568 min Scan# 4
Delta R.T. -0.029 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:278 Resp: 100828

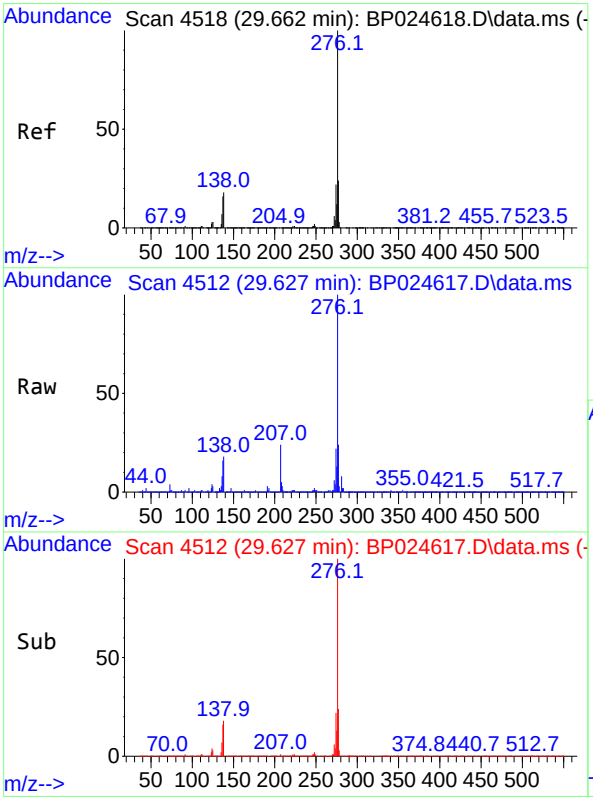
Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.2	15.4
279	23.6	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

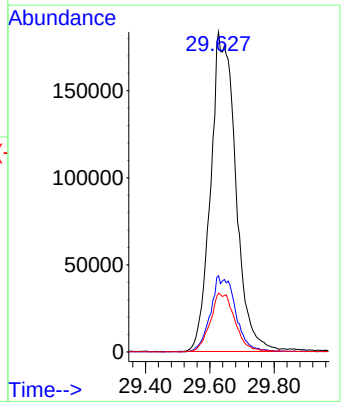
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 19.75 ng
RT: 29.627 min Scan# 4512
Delta R.T. -0.035 min
Lab File: BP024617.D
Acq: 13 May 2025 12:43

Tgt Ion:276 Resp: 991852

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	18.4	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	120950	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	540452	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	362458	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	717362	20.00	ng	0.00
76) Chrysene-d12	21.521	240	810498	20.00	ng	0.00
86) Perylene-d12	24.804	264	929890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	534477	75.58	ng	0.00
7) Phenol-d6	6.852	99	712342	78.93	ng	0.00
23) Nitrobenzene-d5	8.810	82	826567	77.28	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	467808	76.13	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2076354	75.05	ng	0.00
79) Terphenyl-d14	19.810	244	3647961	77.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	122181	36.79	ng	100
3) Pyridine	3.622	79	289809	39.36	ng	100
4) n-Nitrosodimethylamine	3.534	42	125087	38.48	ng	100
6) Aniline	7.005	93	463675	39.79	ng	100
8) 2-Chlorophenol	7.240	128	315079	39.25	ng	100
9) Benzaldehyde	6.822	77	231076m	39.62	ng	
10) Phenol	6.881	94	364948	39.18	ng	100
11) bis(2-Chloroethyl)ether	7.099	93	293331	38.32	ng	100
12) 1,3-Dichlorobenzene	7.552	146	348242	37.71	ng	100
13) 1,4-Dichlorobenzene	7.699	146	355533	38.27	ng	100
14) 1,2-Dichlorobenzene	8.010	146	344980	38.11	ng	100
15) Benzyl Alcohol	7.905	79	277892	40.52	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.187	45	354872	38.71	ng	100
17) 2-Methylphenol	8.110	107	265962	39.81	ng	100
18) Hexachloroethane	8.728	117	133224	37.43	ng	100
19) n-Nitroso-di-n-propyla...	8.457	70	253553	40.61	ng	100
20) 3+4-Methylphenols	8.434	107	366564	40.33	ng	100
22) Acetophenone	8.475	105	521603	38.64	ng	100
24) Nitrobenzene	8.852	77	363767	38.65	ng	100
25) Isophorone	9.375	82	727081	39.19	ng	100
26) 2-Nitrophenol	9.563	139	185587	40.24	ng	100
27) 2,4-Dimethylphenol	9.628	122	322227	39.62	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	430958	38.88	ng	100
29) 2,4-Dichlorophenol	10.093	162	314830	39.95	ng	100
30) 1,2,4-Trichlorobenzene	10.299	180	330659	37.23	ng	100
31) Naphthalene	10.481	128	1059316	37.82	ng	100
32) Benzoic acid	9.775	122	206829m	38.01	ng	
33) 4-Chloroaniline	10.599	127	452150	40.01	ng	100
34) Hexachlorobutadiene	10.763	225	213978	37.19	ng	100
35) Caprolactam	11.387	113	118047	41.43	ng	100
36) 4-Chloro-3-methylphenol	11.734	107	385077	40.07	ng	100
37) 2-Methylnaphthalene	12.093	142	692133	38.17	ng	100
38) 1-Methylnaphthalene	12.316	142	745849	38.44	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	398230	37.84	ng	100
41) Hexachlorocyclopentadiene	12.445	237	258329	40.48	ng	100
43) 2,4,6-Trichlorophenol	12.716	196	268675	39.41	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	293079	38.62	ng	100
46) 1,1'-Biphenyl	13.116	154	1002344	37.42	ng	100
47) 2-Chloronaphthalene	13.157	162	771952	37.79	ng	100
48) 2-Nitroaniline	13.375	65	242485	40.10	ng	100
49) Acenaphthylene	14.016	152	1307740	38.26	ng	100
50) Dimethylphthalate	13.757	163	1051056	38.04	ng	100
51) 2,6-Dinitrotoluene	13.881	165	226086	38.75	ng	100
52) Acenaphthene	14.363	154	745335	37.93	ng	100
53) 3-Nitroaniline	14.216	138	246561	41.39	ng	100
54) 2,4-Dinitrophenol	14.428	184	124517	37.54	ng	100
55) Dibenzofuran	14.698	168	1183806	37.77	ng	100
56) 4-Nitrophenol	14.551	139	186112	38.41	ng	100
57) 2,4-Dinitrotoluene	14.681	165	329156	40.02	ng	100
58) Fluorene	15.357	166	968487	37.89	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.939	232	274384	38.98	ng	100
60) Diethylphthalate	15.139	149	1046478	37.48	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	475327	37.29	ng	100
62) 4-Nitroaniline	15.392	138	239212	41.24	ng	100
63) Azobenzene	15.651	77	906274	37.94	ng	100
65) 4,6-Dinitro-2-methylph...	15.457	198	184593	39.84	ng	100
66) n-Nitrosodiphenylamine	15.581	169	851188	38.63	ng	100
67) 4-Bromophenyl-phenylether	16.263	248	323558	38.28	ng	100
68) Hexachlorobenzene	16.381	284	403916	37.60	ng	100
69) Atrazine	16.557	200	312226	38.67	ng	100
70) Pentachlorophenol	16.745	266	246828	40.91	ng	100
71) Phenanthrene	17.133	178	1507602	37.80	ng	100
72) Anthracene	17.228	178	1542275	38.44	ng	100
73) Carbazole	17.516	167	1436294	39.55	ng	100
74) Di-n-butylphthalate	18.098	149	1807097	38.69	ng	100
75) Fluoranthene	19.216	202	1794046	38.49	ng	100
77) Benzidine	19.416	184	907109	40.77	ng	100
78) Pyrene	19.592	202	1869519	38.50	ng	100
80) Butylbenzylphthalate	20.539	149	854913	39.58	ng	100
81) Benzo(a)anthracene	21.504	228	1957632	38.47	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	773866	40.94	ng	100
83) Chrysene	21.569	228	1833959	38.01	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1240956	39.09	ng	100
85) Di-n-octyl phthalate	22.692	149	2074694	39.97	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2648648	39.00	ng	100
88) Benzo(b)fluoranthene	23.757	252	2050806	38.53	ng	100
89) Benzo(k)fluoranthene	23.827	252	2120721	38.67	ng	100
90) Benzo(a)pyrene	24.645	252	1979017	38.71	ng	100
91) Dibenzo(a,h)anthracene	28.598	278	2170712	39.30	ng	100
92) Benzo(g,h,i)perylene	29.662	276	2132921	38.84	ng	100

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

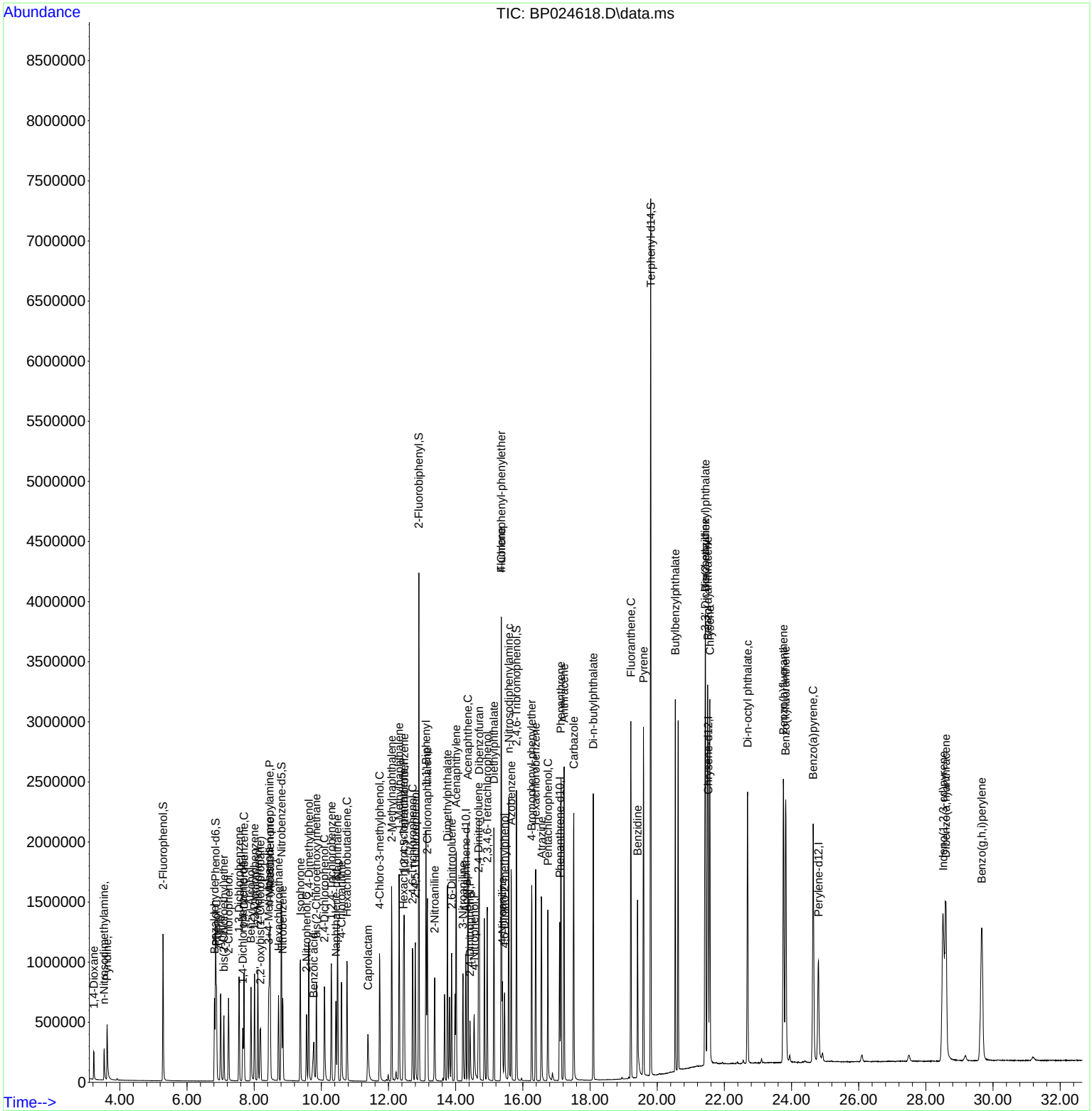
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024618.D
Acq On : 13 May 2025 13:24
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

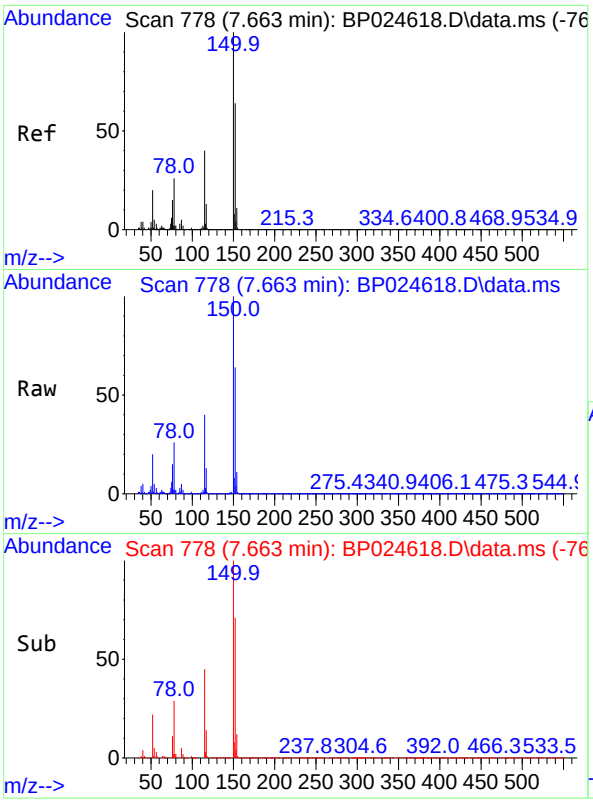
Quant Time: May 13 16:06:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

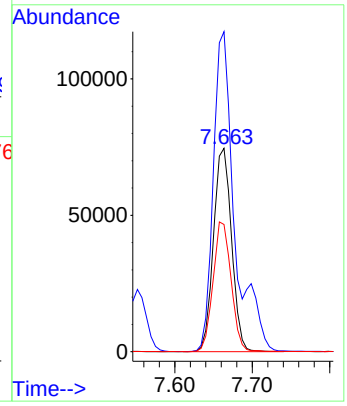




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:152 Resp: 12095

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	62.6	50.1	75.1



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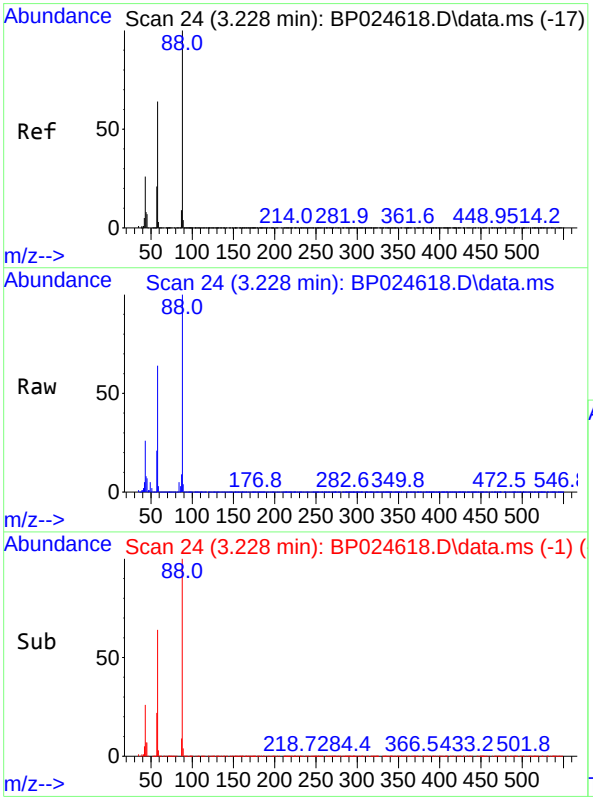
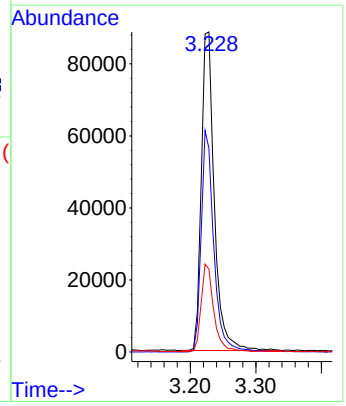
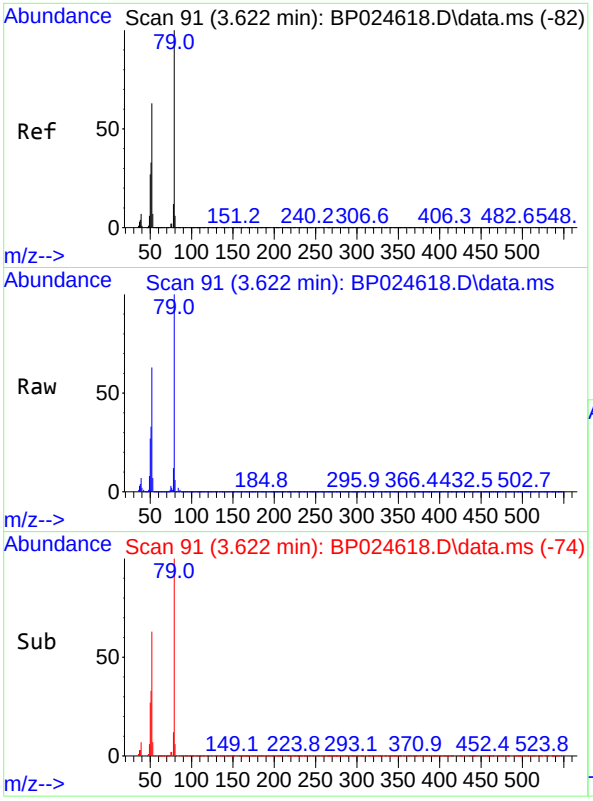


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 88 Resp: 122181

Ion	Ratio	Lower	Upper
88	100		
58	67.5	54.0	81.0
43	26.7	21.4	32.0

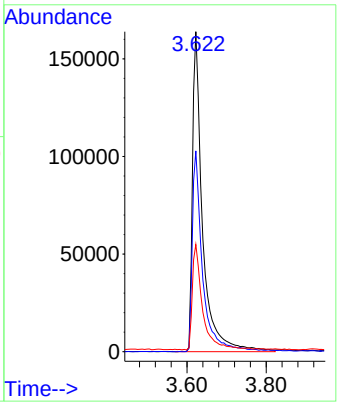




#3
Pyridine
Concen: 39.36 ng
RT: 3.622 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 79 Resp: 28980

Ion	Ratio	Lower	Upper
79	100		
52	62.7	50.2	75.2
51	33.5	26.8	40.2



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ClientSampleId :
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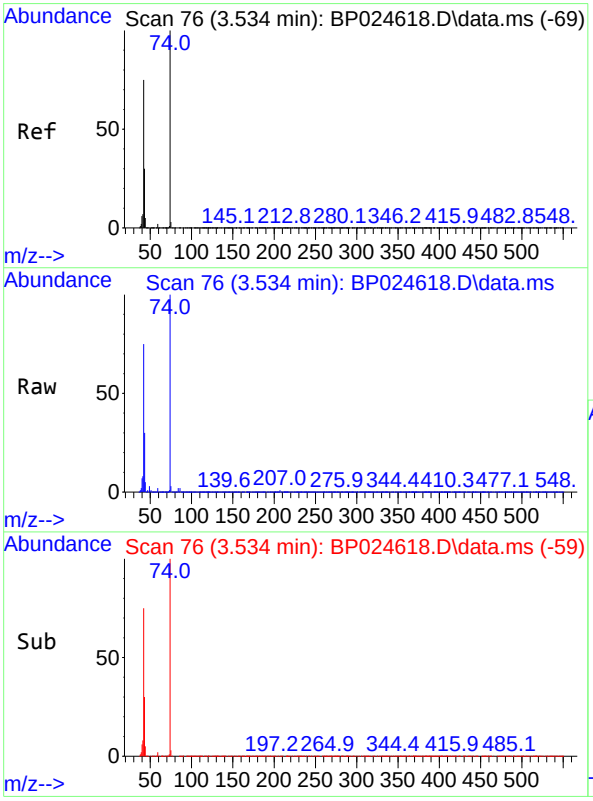
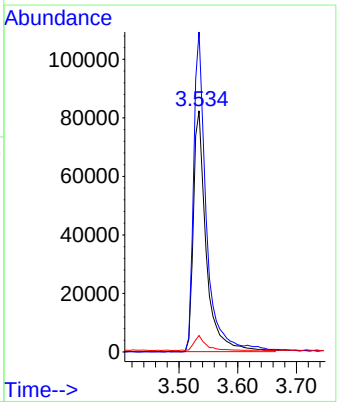
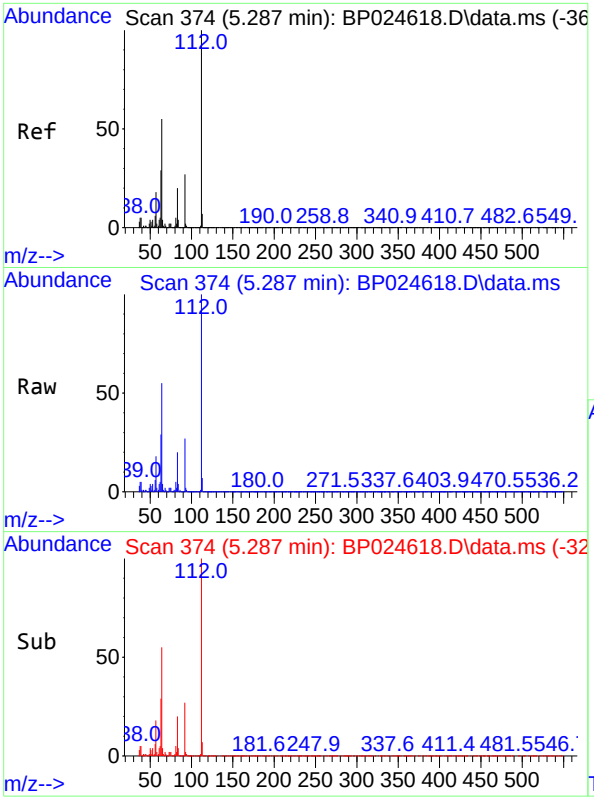


#4
n-Nitrosodimethylamine
Concen: 38.48 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 42 Resp: 125087

Ion	Ratio	Lower	Upper
42	100		
74	132.7	106.2	159.2
44	6.8	5.4	8.2

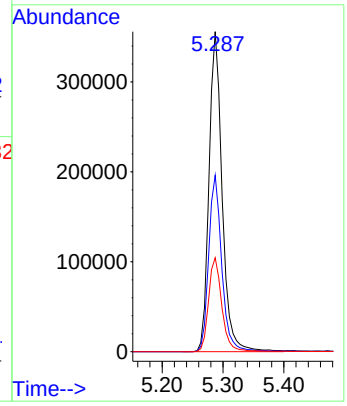




#5
2-Fluorophenol
Concen: 75.58 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:112 Resp: 53447

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.1	66.1
63	29.4	23.5	35.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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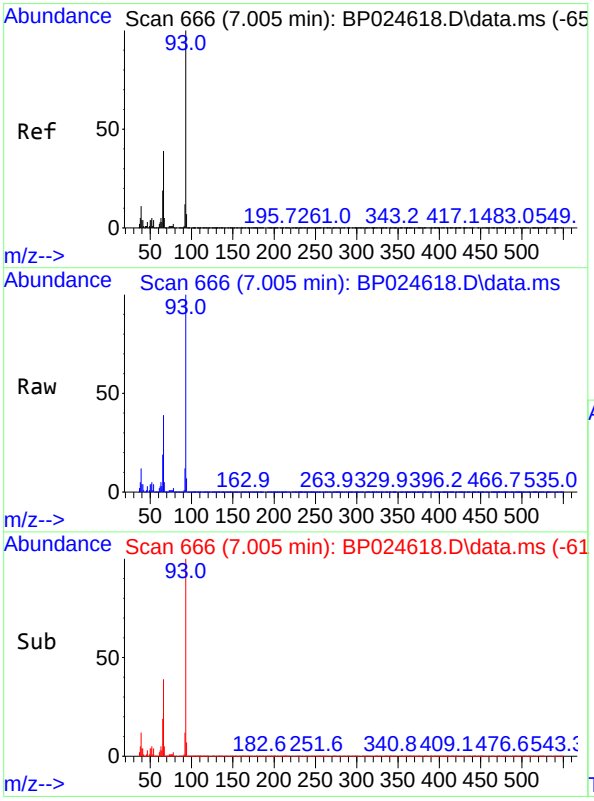
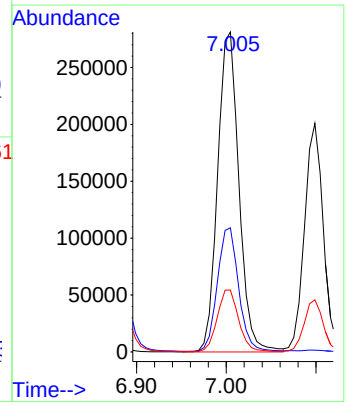
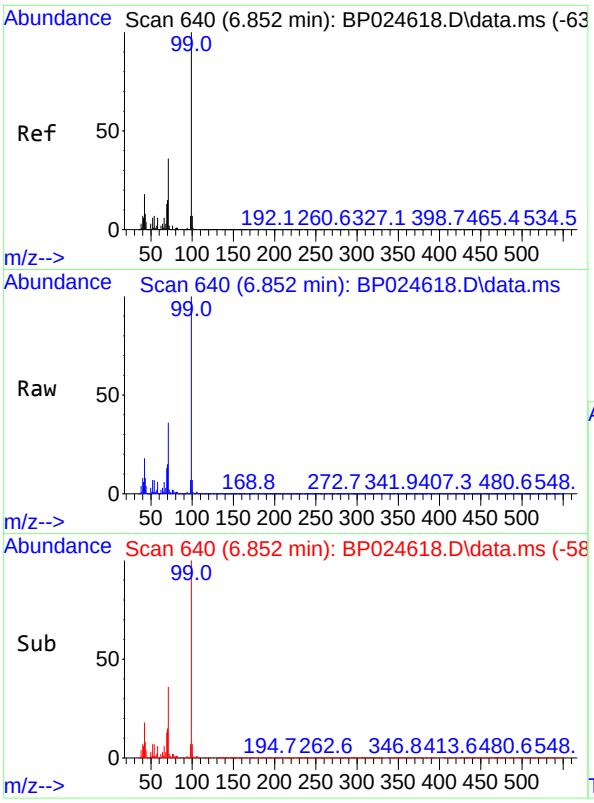


#6
Aniline
Concen: 39.79 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 463675

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.4	15.5	23.3

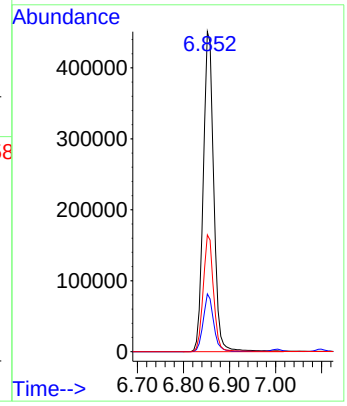




#7
Phenol-d6
Concen: 78.93 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 99 Resp: 71234

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.4	21.6
71	36.5	29.2	43.8



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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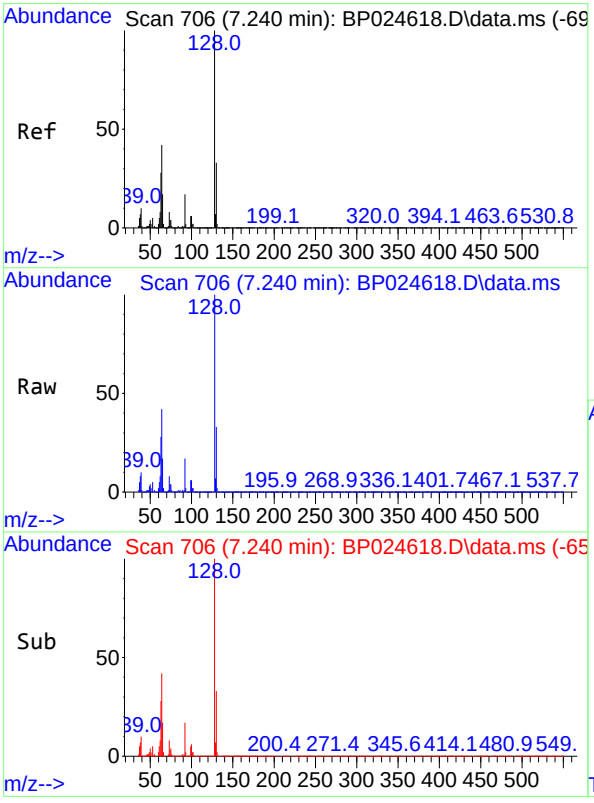
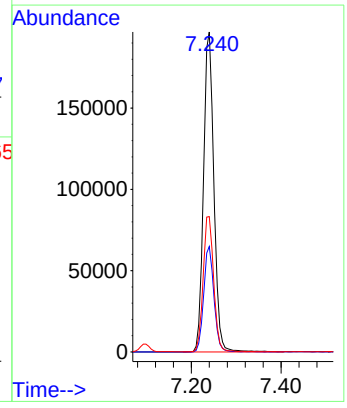
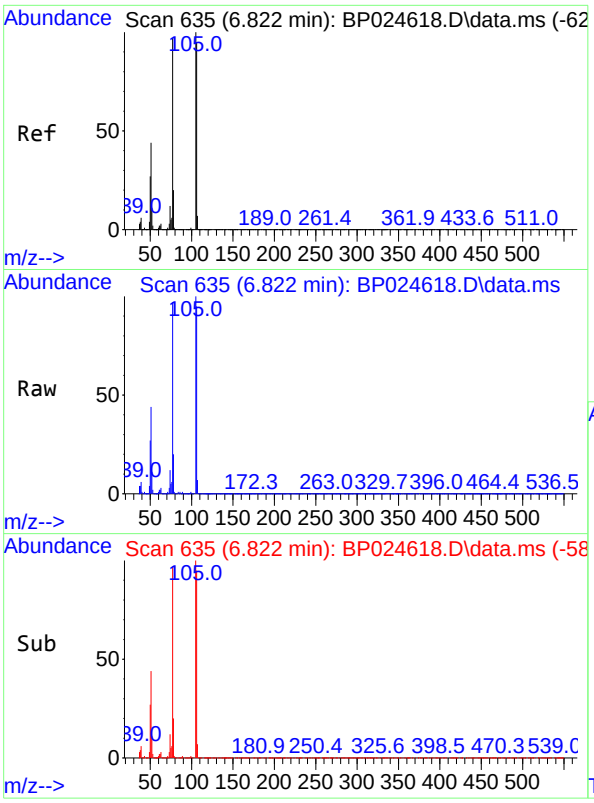


#8
2-Chlorophenol
Concen: 39.25 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:128 Resp: 315079

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	42.3	22.3	62.3

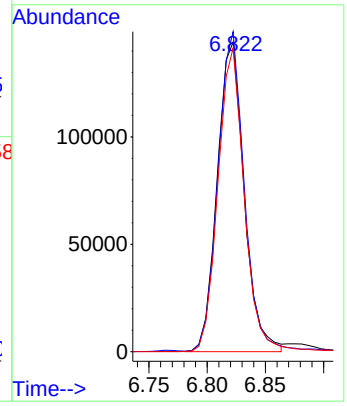




#9
Benzaldehyde
Concen: 39.62 ng m
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 77 Resp: 23107

Ion	Ratio	Lower	Upper
77	100		
105	103.3	83.3	123.3
106	98.0	78.0	118.0



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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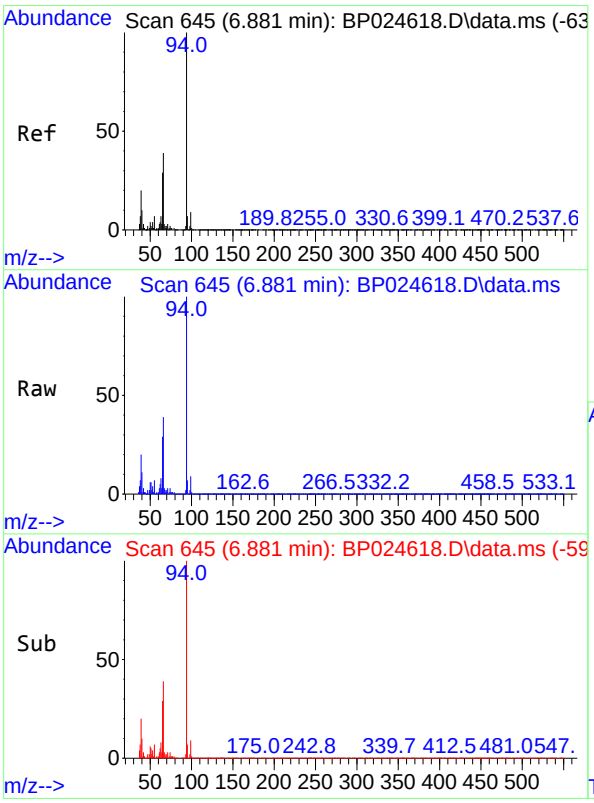
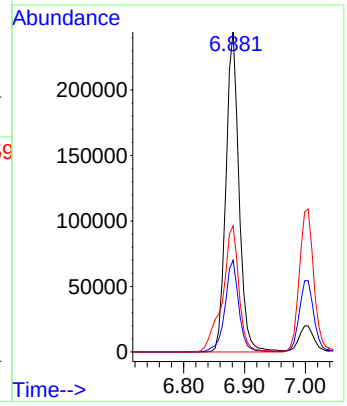
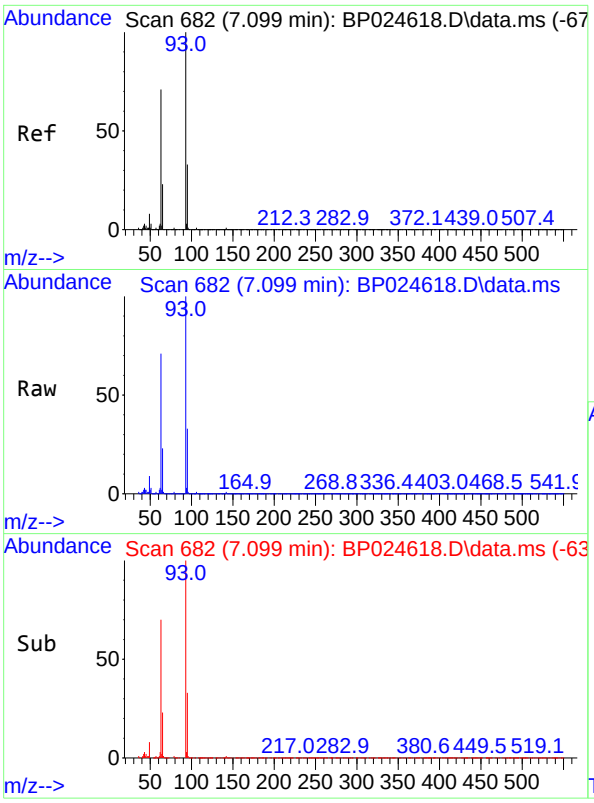


#10
Phenol
Concen: 39.18 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 94 Resp: 364948

Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.7	48.7
66	39.4	19.4	59.4

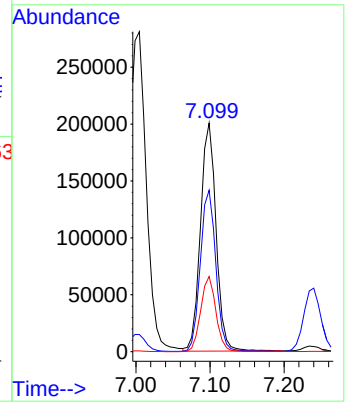




#11
bis(2-Chloroethyl)ether
Concen: 38.32 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 29333

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.9	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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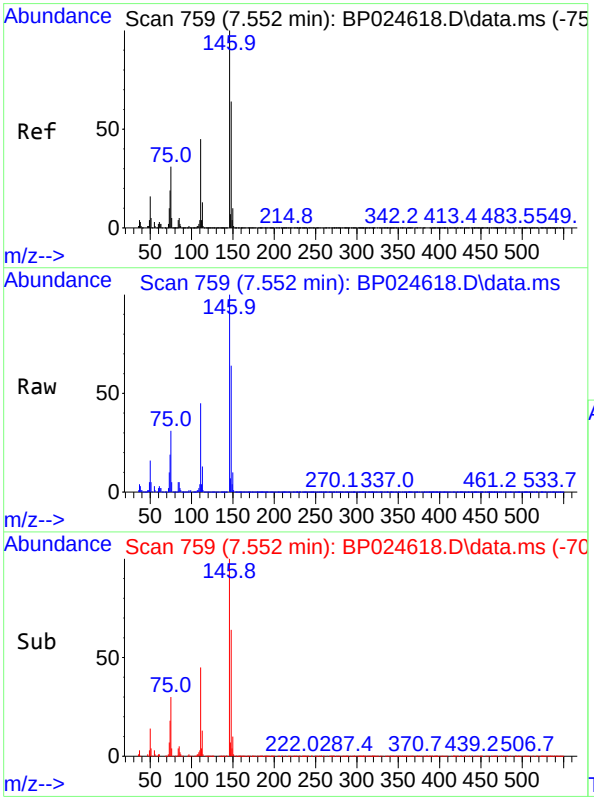
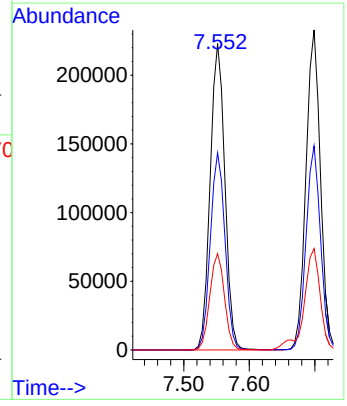
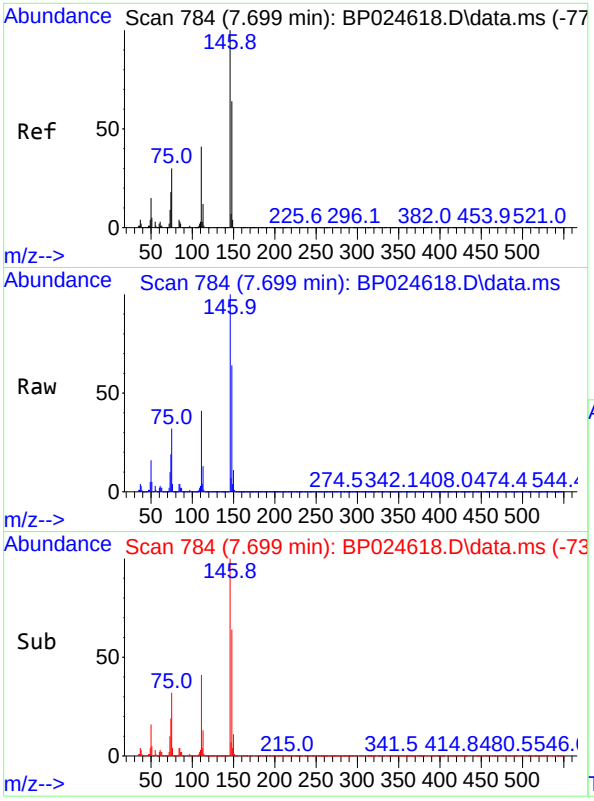


#12
1,3-Dichlorobenzene
Concen: 37.71 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 348242

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	31.5	25.2	37.8

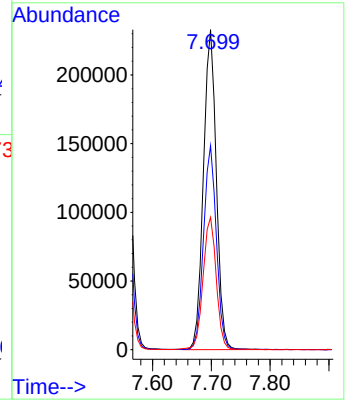




#13
1,4-Dichlorobenzene
Concen: 38.27 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 35553

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.3	33.0	49.6



Instrument :
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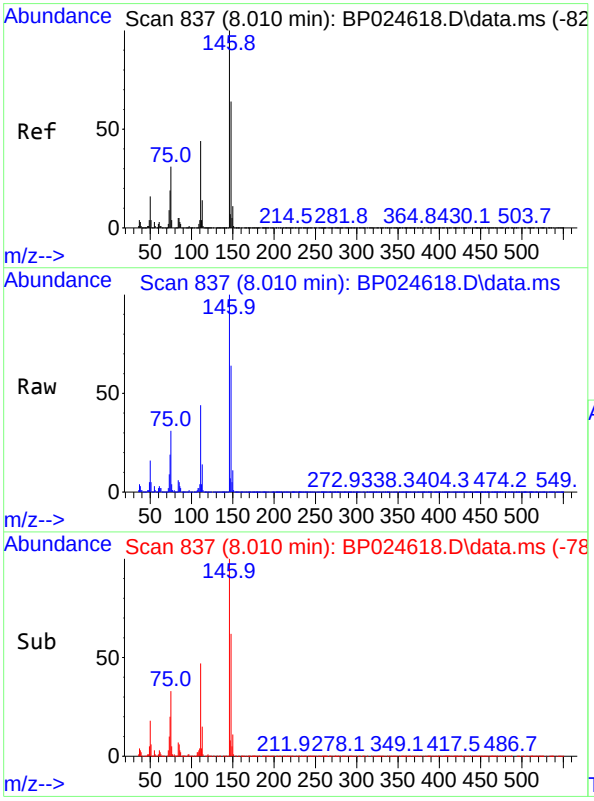
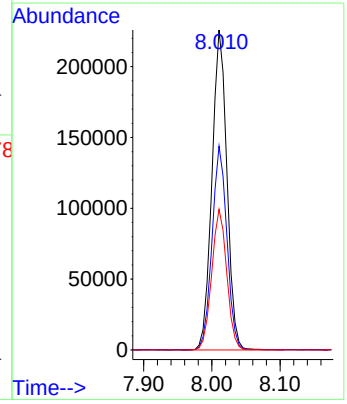
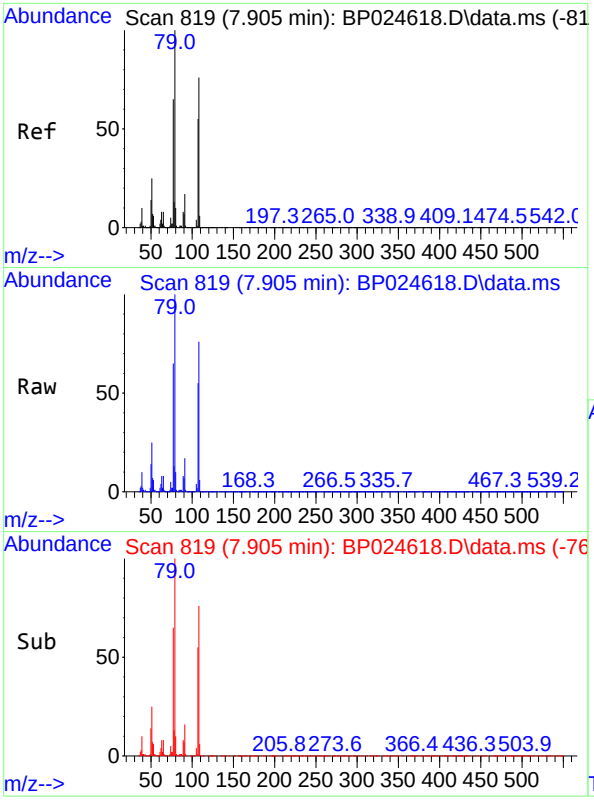


#14
1,2-Dichlorobenzene
Concen: 38.11 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:146 Resp: 344980

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.4
111	44.0	35.2	52.8

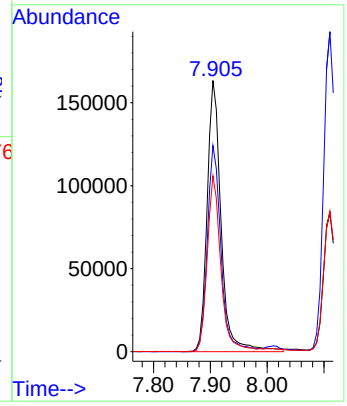




#15
Benzyl Alcohol
Concen: 40.52 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 79 Resp: 27789

Ion	Ratio	Lower	Upper
79	100		
108	76.0	60.8	91.2
77	64.9	51.9	77.9



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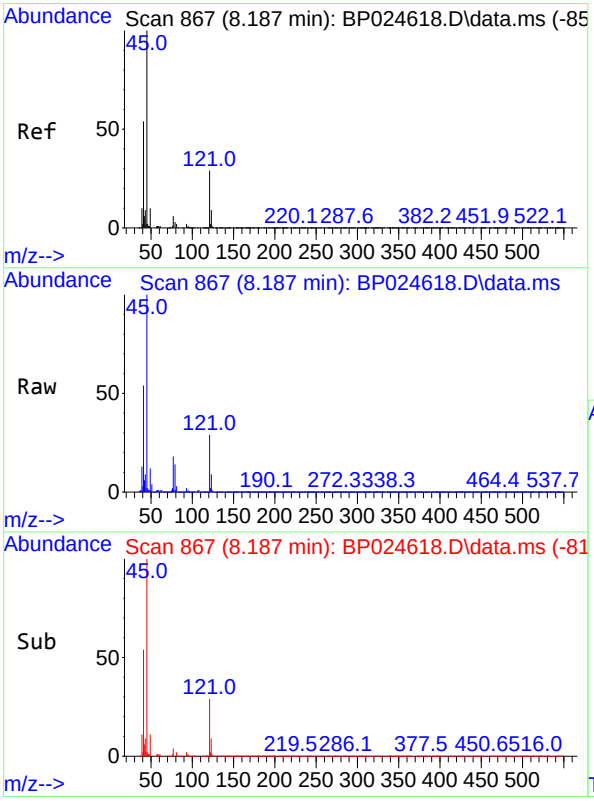
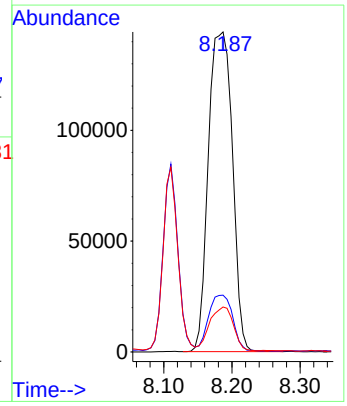
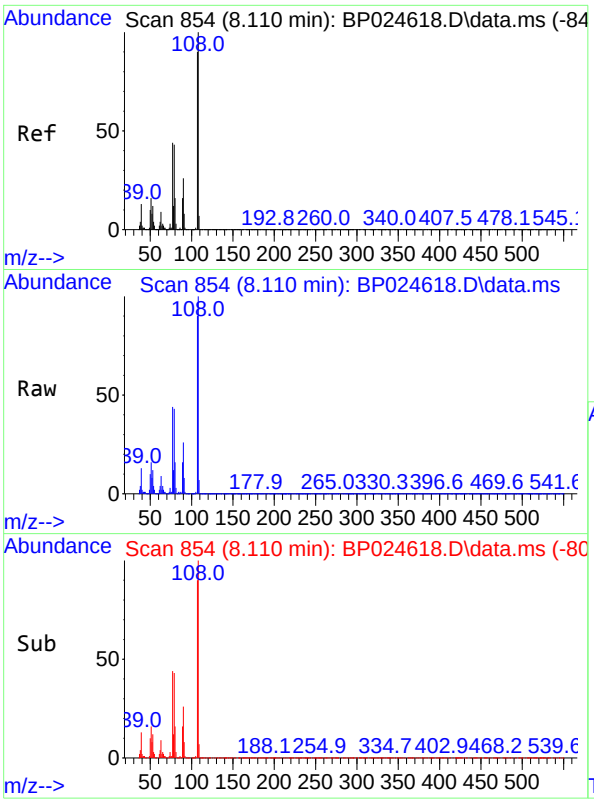


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.71 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 45 Resp: 354872

Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	37.7
79	14.0	0.0	34.0

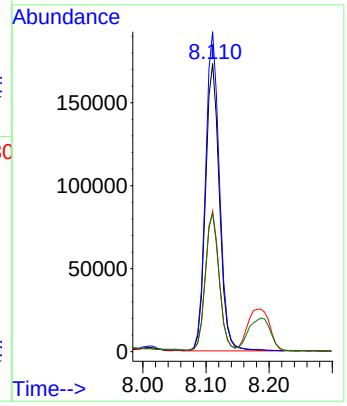




#17
2-Methylphenol
Concen: 39.81 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 26596

Ion	Ratio	Lower	Upper
107	100		
108	111.1	88.9	133.3
77	48.8	39.0	58.6
79	48.0	38.4	57.6



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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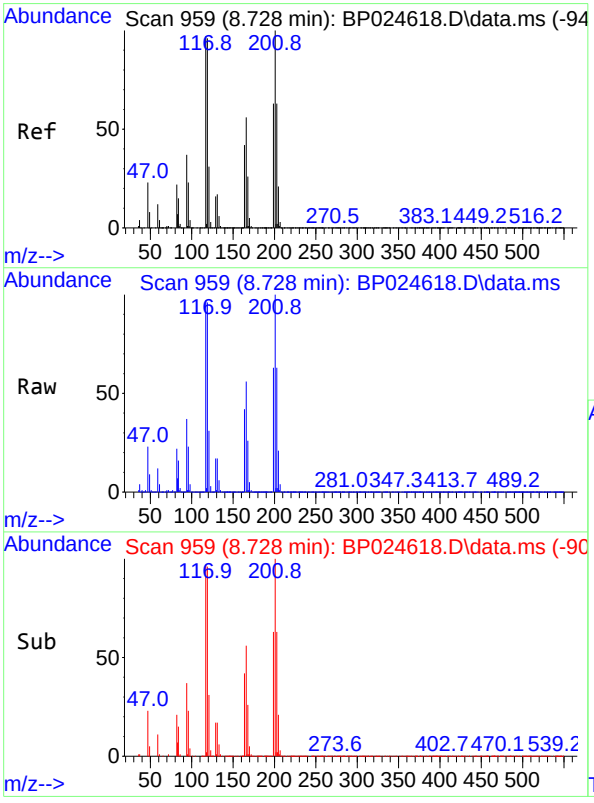
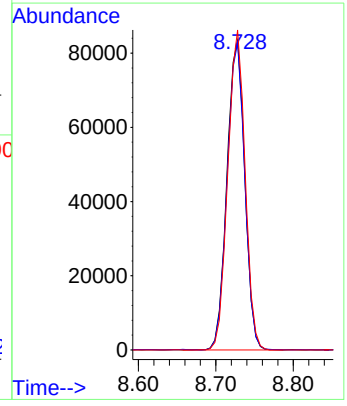
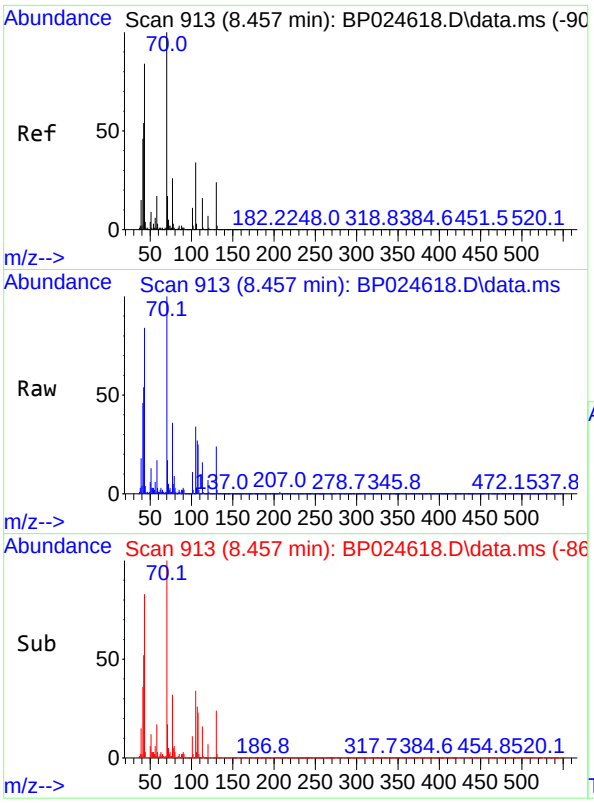


#18
Hexachloroethane
Concen: 37.43 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:117 Resp: 133224

Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.0
201	103.4	82.7	124.1

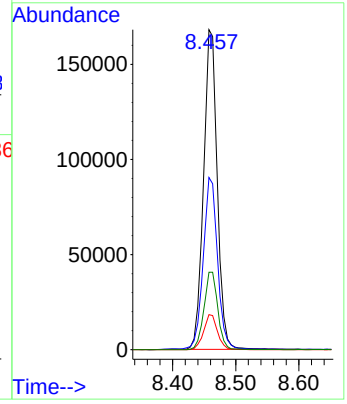




#19
n-Nitroso-di-n-propylamine
Concen: 40.61 ng
RT: 8.457 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 70 Resp: 25355

Ion	Ratio	Lower	Upper
70	100		
42	53.8	43.0	64.6
101	10.9	8.7	13.1
130	24.2	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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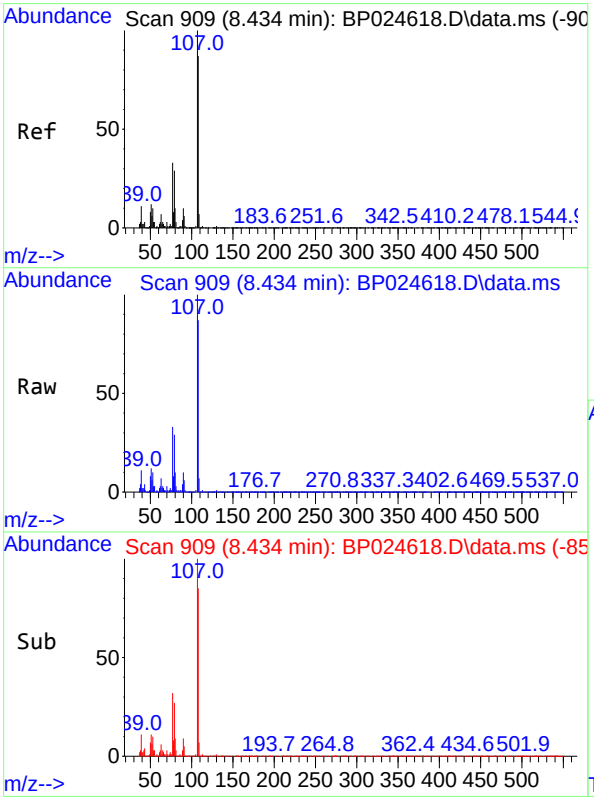
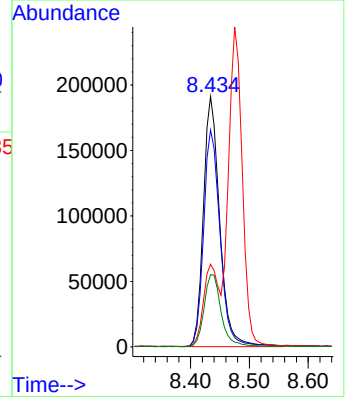
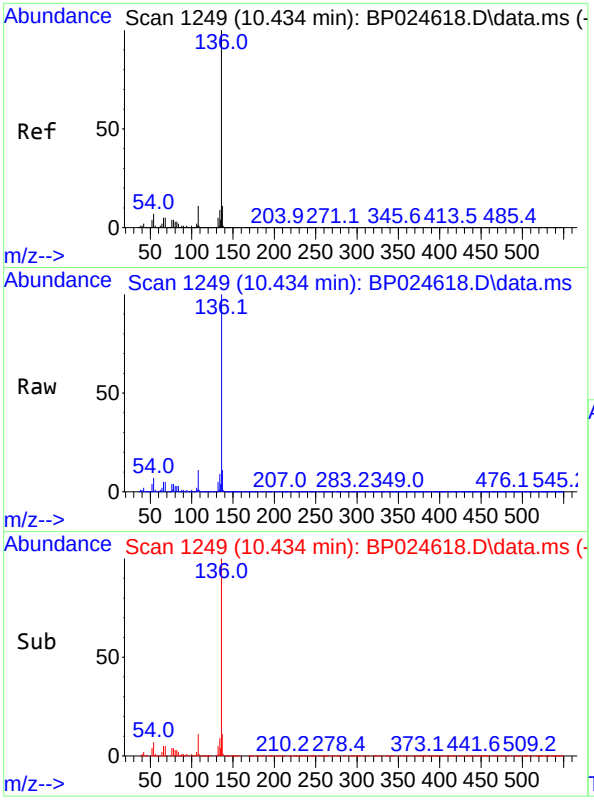


#20
3+4-Methylphenols
Concen: 40.33 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 366564

Ion	Ratio	Lower	Upper
107	100		
108	86.7	66.7	106.7
77	33.1	13.1	53.1
79	28.9	8.9	48.9

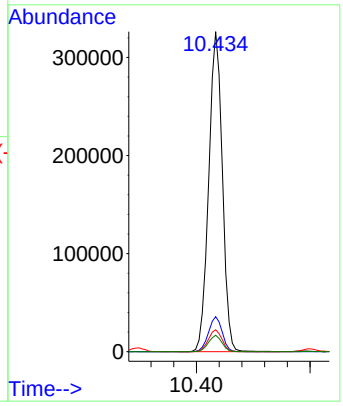




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:136 Resp: 54045

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	5.2	4.2	6.2



Instrument :
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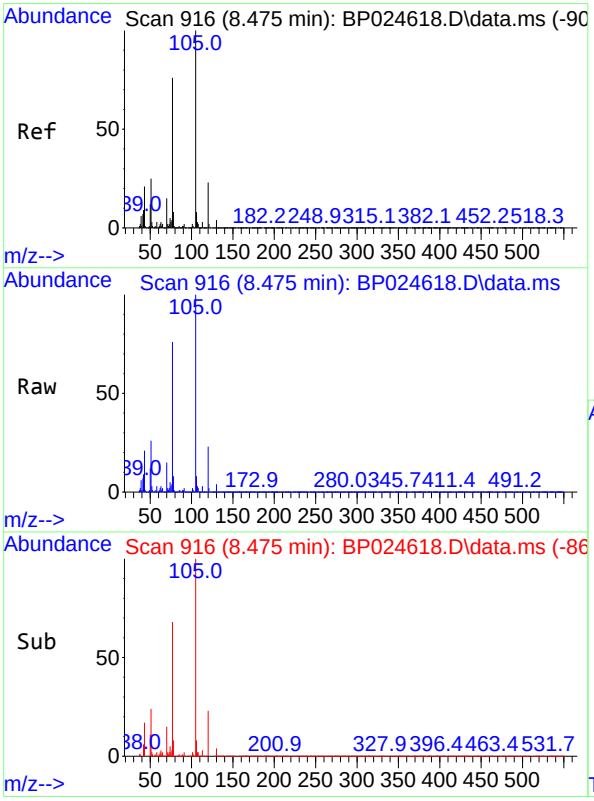
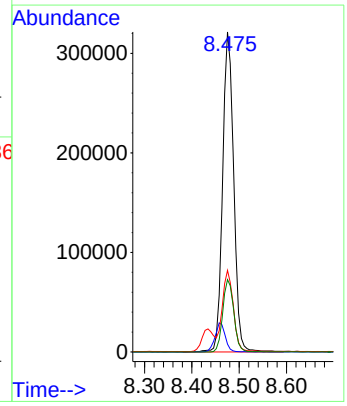
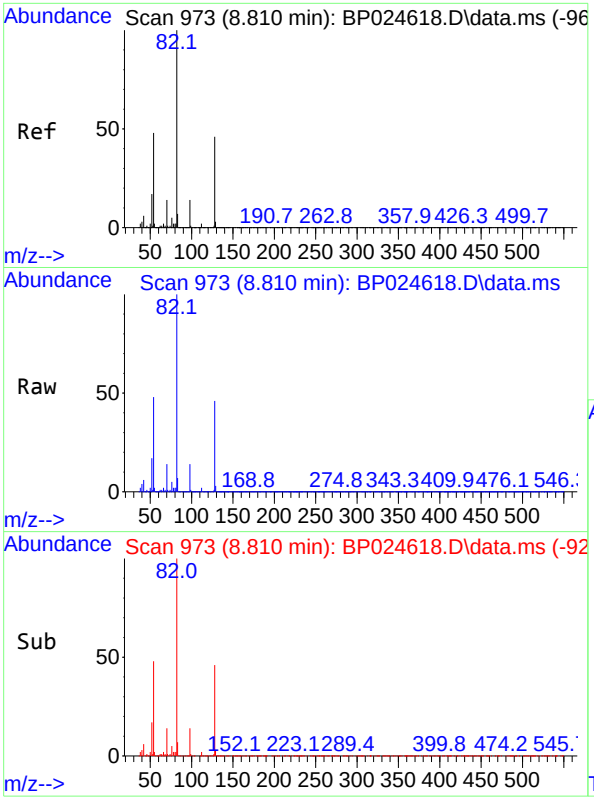


#22
Acetophenone
Concen: 38.64 ng
RT: 8.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:105 Resp: 521603

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.0	3.0
51	25.5	20.4	30.6
120	22.6	18.1	27.1

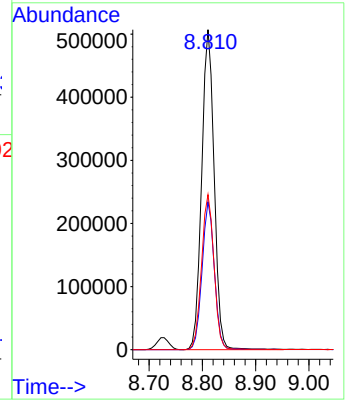




#23
Nitrobenzene-d5
Concen: 77.28 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 82 Resp: 82656

Ion	Ratio	Lower	Upper
82	100		
128	46.2	37.0	55.4
54	48.4	38.7	58.1



Instrument :
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ClientSampleId :
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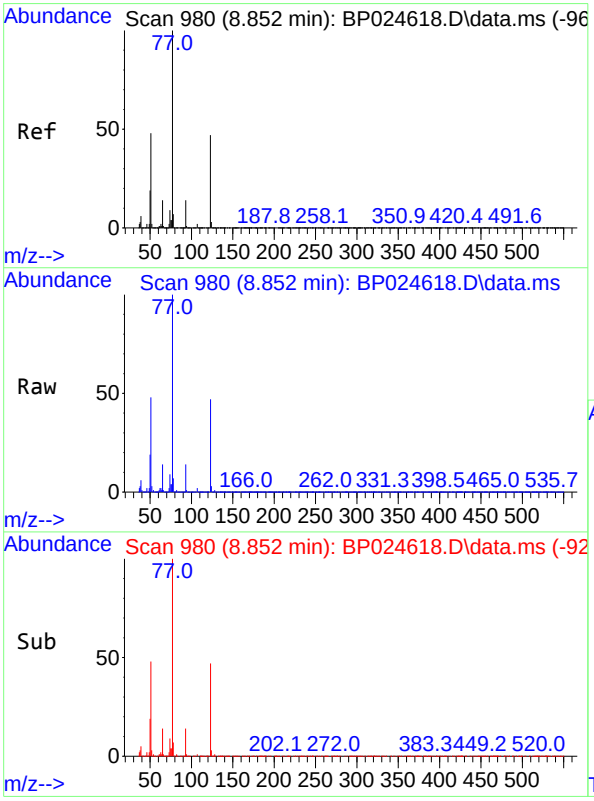
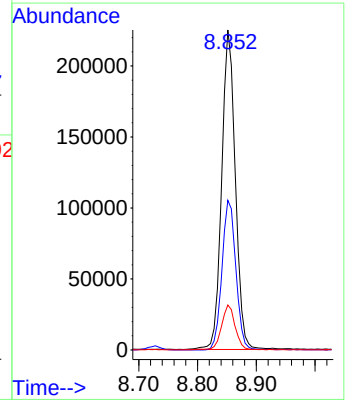
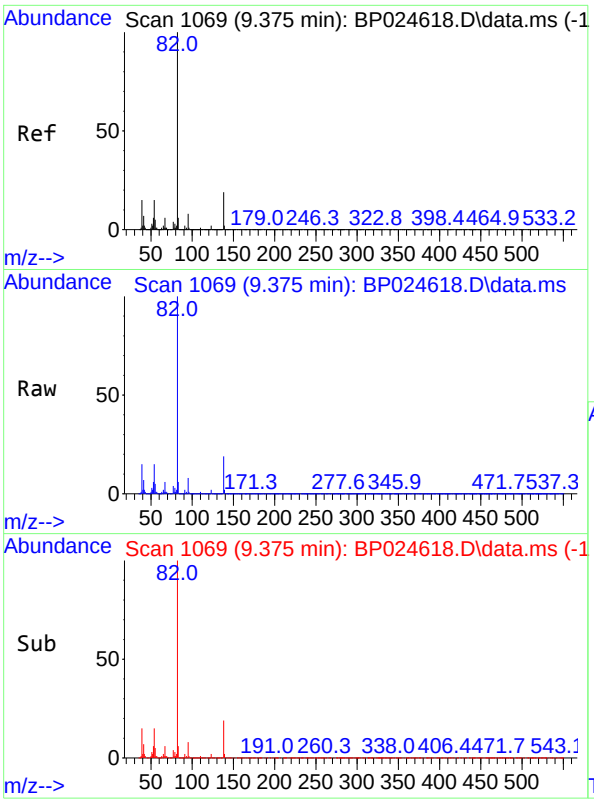


#24
Nitrobenzene
Concen: 38.65 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 77 Resp: 363767

Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.4	56.0
65	14.1	11.3	16.9

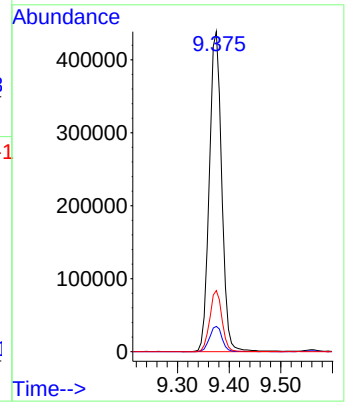




#25
Isophorone
Concen: 39.19 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 82 Resp: 72708

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.1	15.3	22.9



Instrument :
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ClientSampleId :
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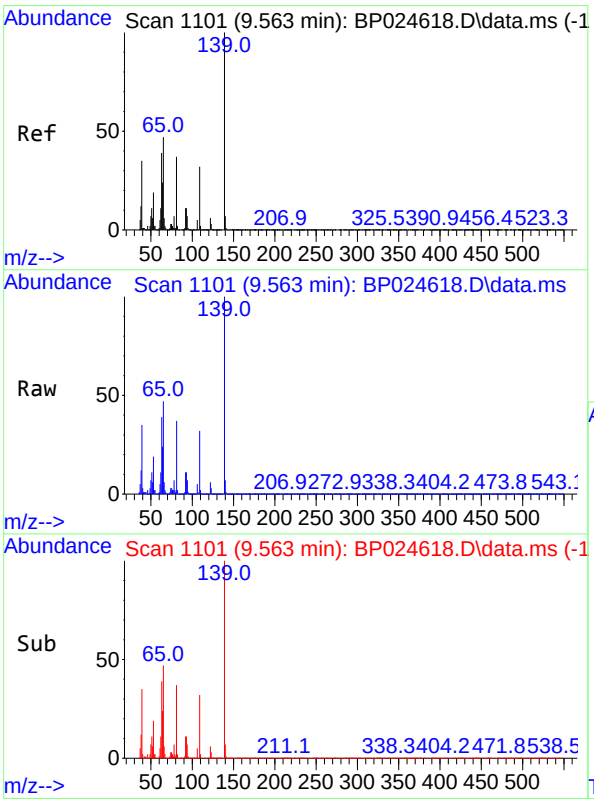
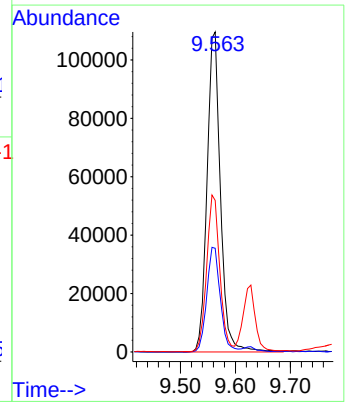
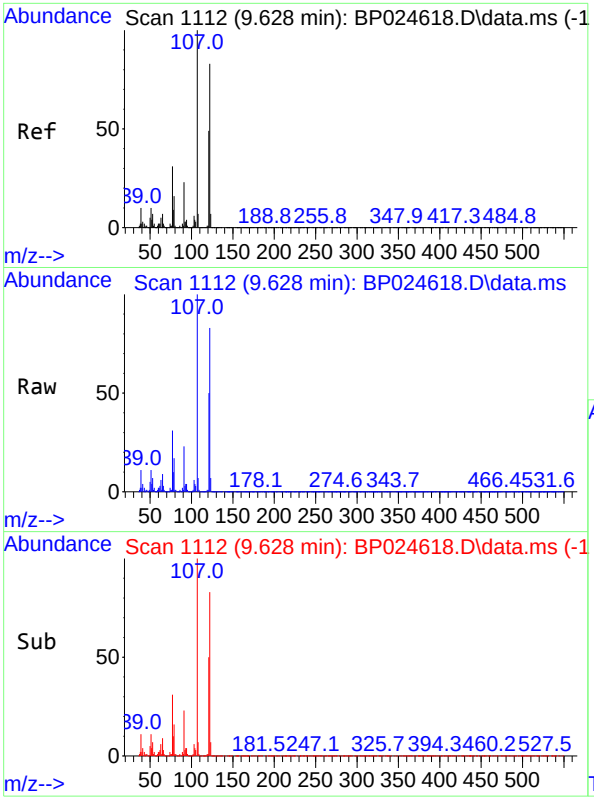


#26
2-Nitrophenol
Concen: 40.24 ng
RT: 9.563 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 185587

Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.9	38.9
65	47.4	37.9	56.9

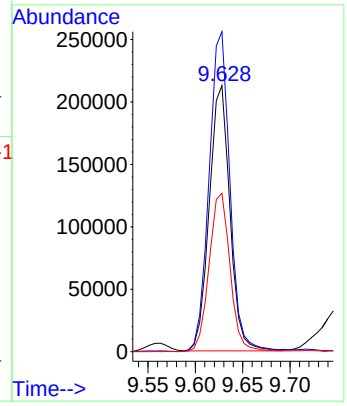




#27
2,4-Dimethylphenol
Concen: 39.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:122 Resp: 32222

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.5	47.6	71.4



Instrument :
BNA_P
ClientSampleId :
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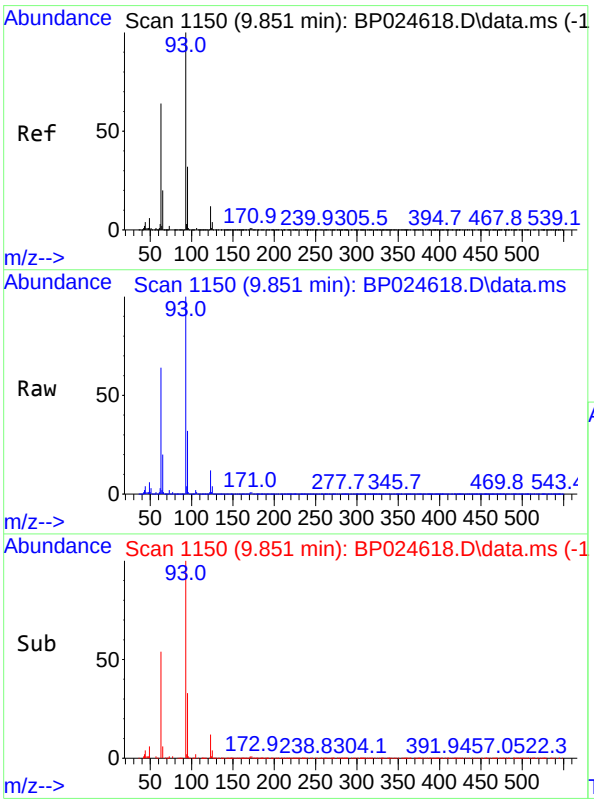
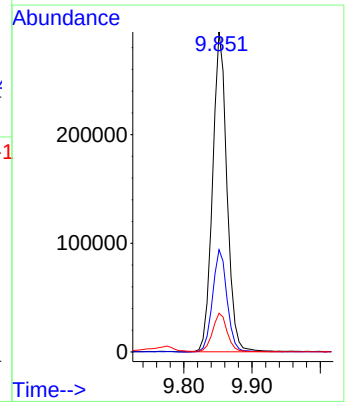
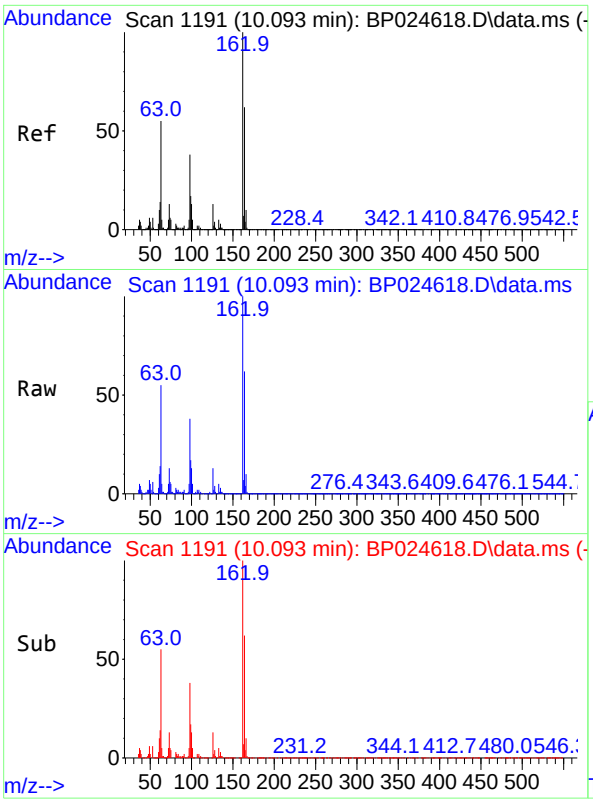


#28
bis(2-Chloroethoxy)methane
Concen: 38.88 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 93 Resp: 430958

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.1	9.7	14.5

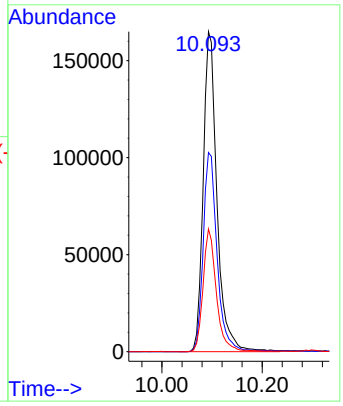




#29
2,4-Dichlorophenol
Concen: 39.95 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:162 Resp: 31483

Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.3	82.3
98	38.4	18.4	58.4



Instrument :
BNA_P
ClientSampleId :
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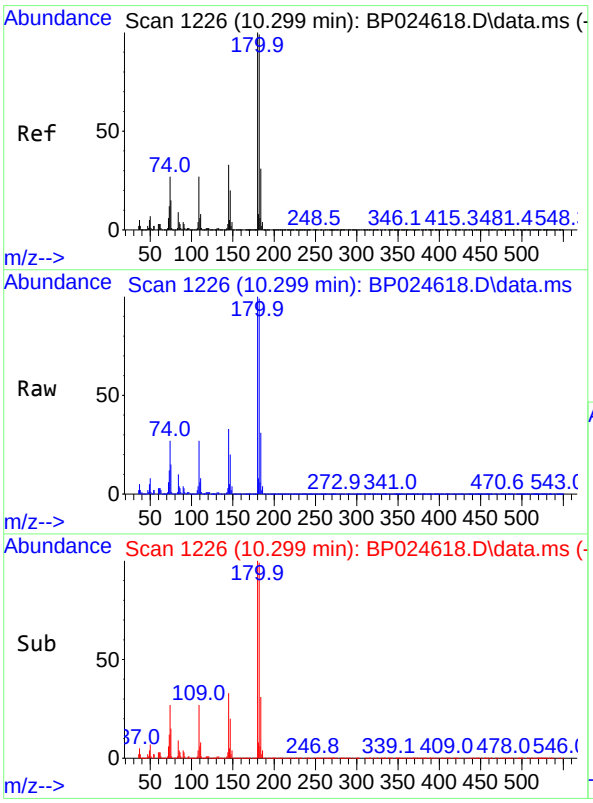
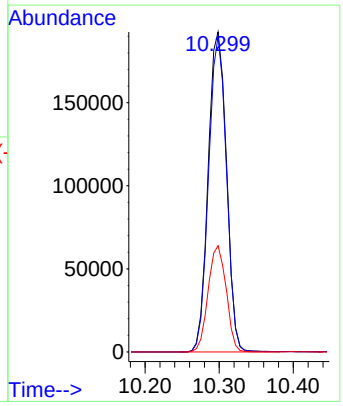
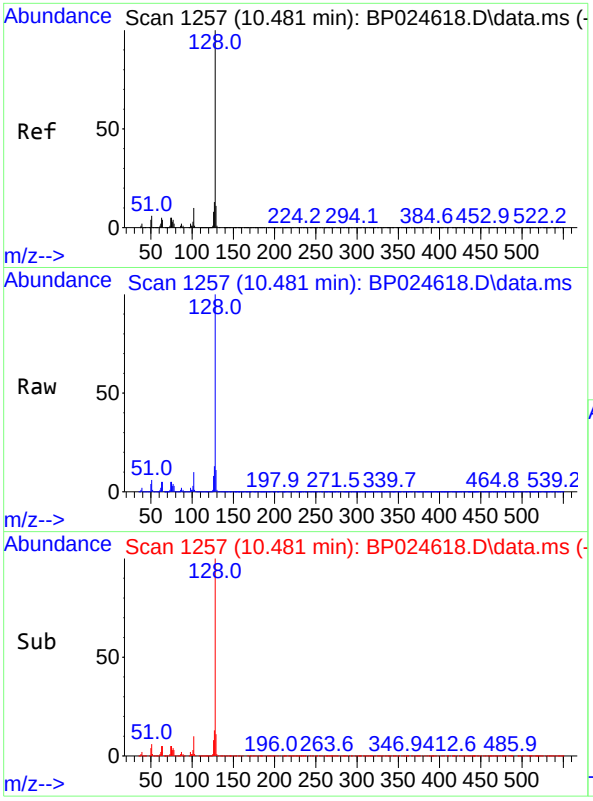


#30
1,2,4-Trichlorobenzene
Concen: 37.23 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:180 Resp: 330659

Ion	Ratio	Lower	Upper
180	100		
182	98.7	79.0	118.4
145	33.2	26.6	39.8

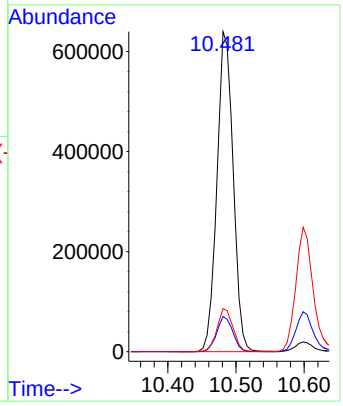




#31
Naphthalene
Concen: 37.82 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:128 Resp: 105931

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.7	16.1



Instrument :
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ClientSampleId :
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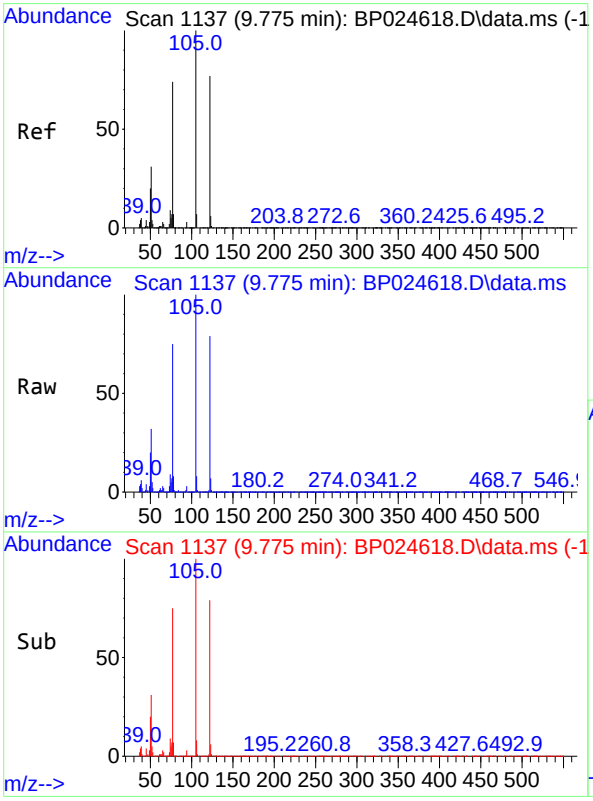
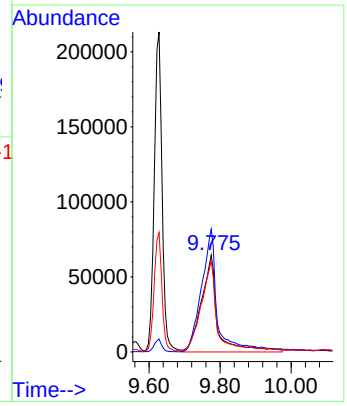
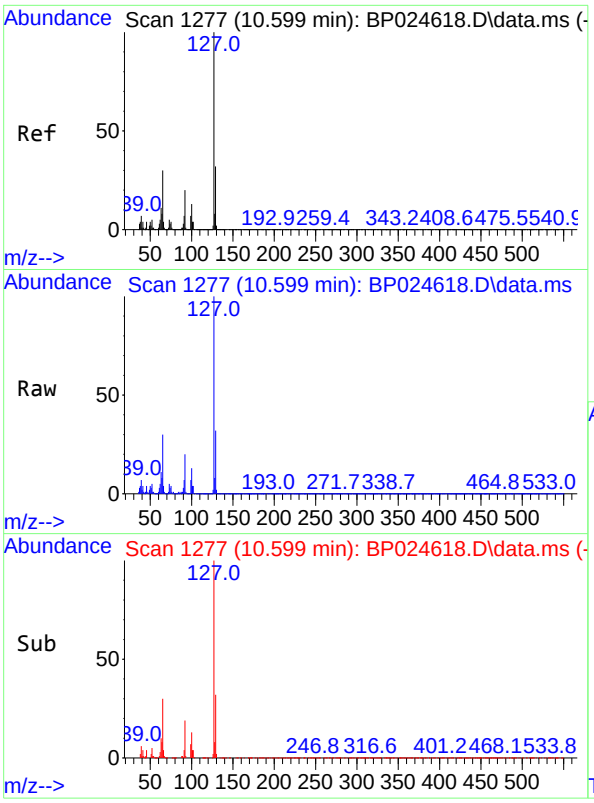


#32
Benzoic acid
Concen: 38.01 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:122 Resp: 206829

Ion	Ratio	Lower	Upper
122	100		
105	126.9	106.9	146.9
77	95.1	75.1	115.1

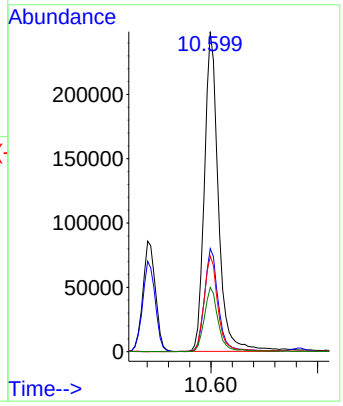




#33
4-Chloroaniline
Concen: 40.01 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:127 Resp: 45215

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	29.9	23.9	35.9
92	20.1	16.1	24.1



Instrument :
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ClientSampleId :
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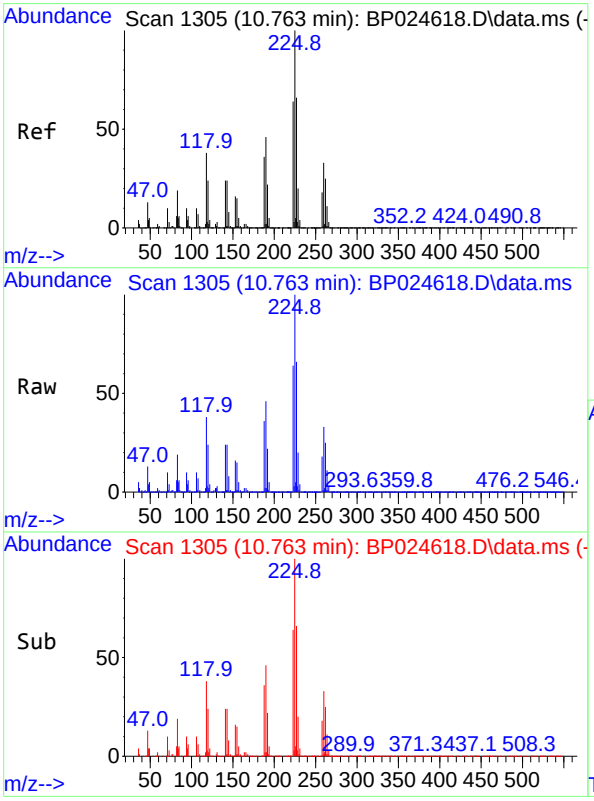
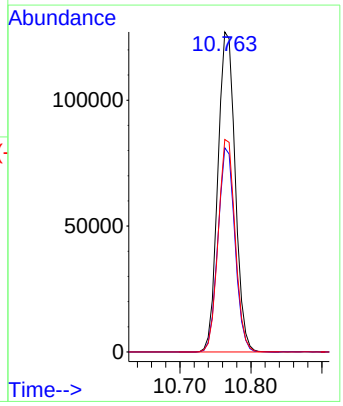
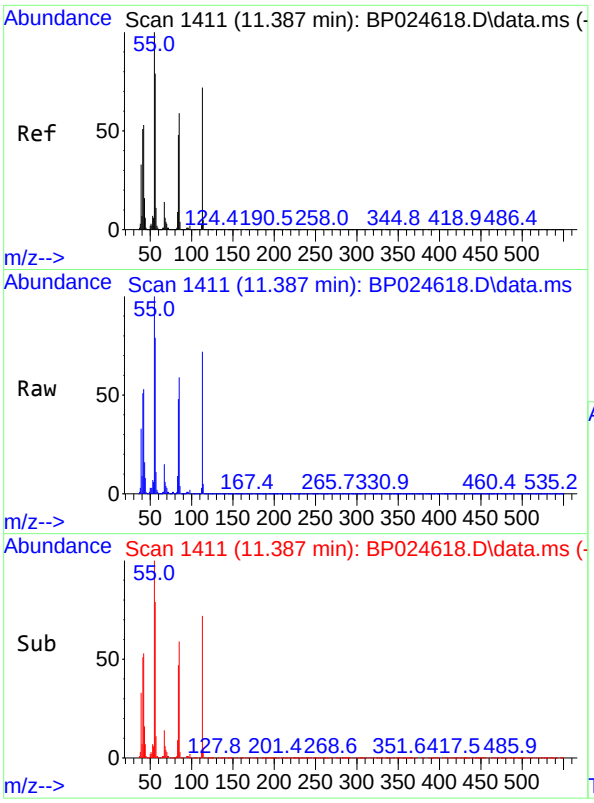


#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 10.763 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:225 Resp: 213978

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	66.4	53.1	79.7





#35
Caprolactam
Concen: 41.43 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:113 Resp: 11804

Ion	Ratio	Lower	Upper
113	100		
55	139.0	119.0	159.0
56	110.3	90.3	130.3

Instrument :
BNA_P
ClientSampleId :
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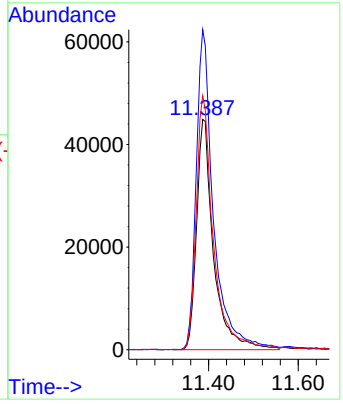
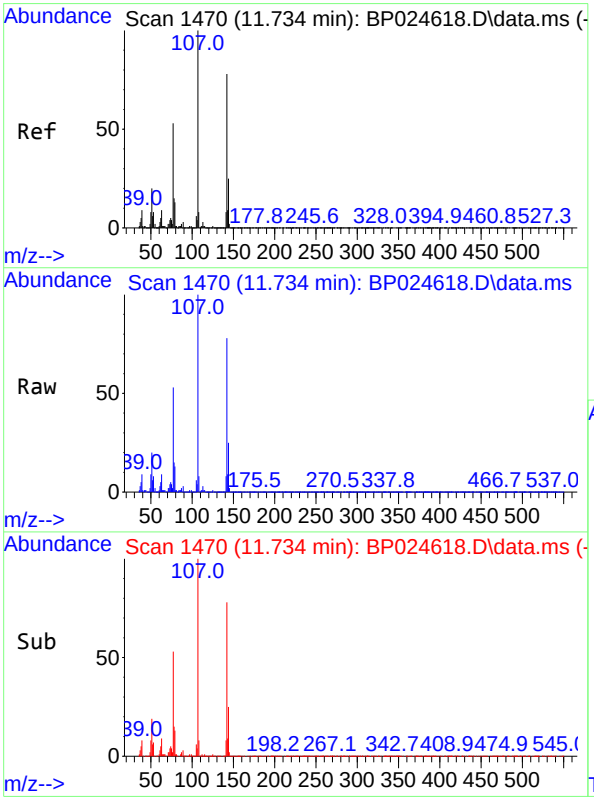
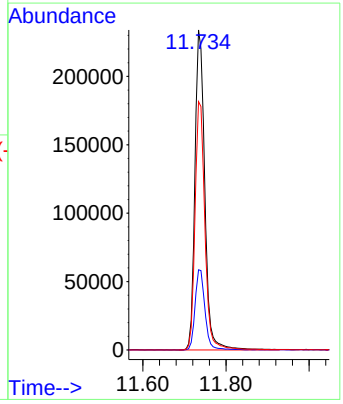


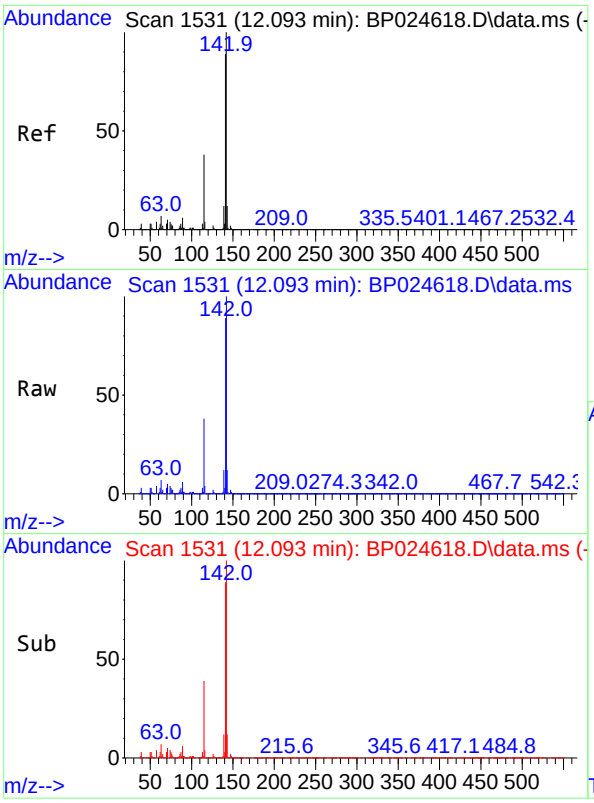


#36
4-Chloro-3-methylphenol
Concen: 40.07 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:107 Resp: 385077

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.1	30.1
142	77.6	62.1	93.1

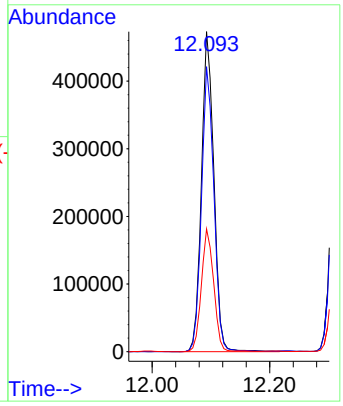




#37
2-Methylnaphthalene
Concen: 38.17 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:142 Resp: 69213

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	38.3	30.6	46.0



Instrument :
BNA_P
ClientSampleId :
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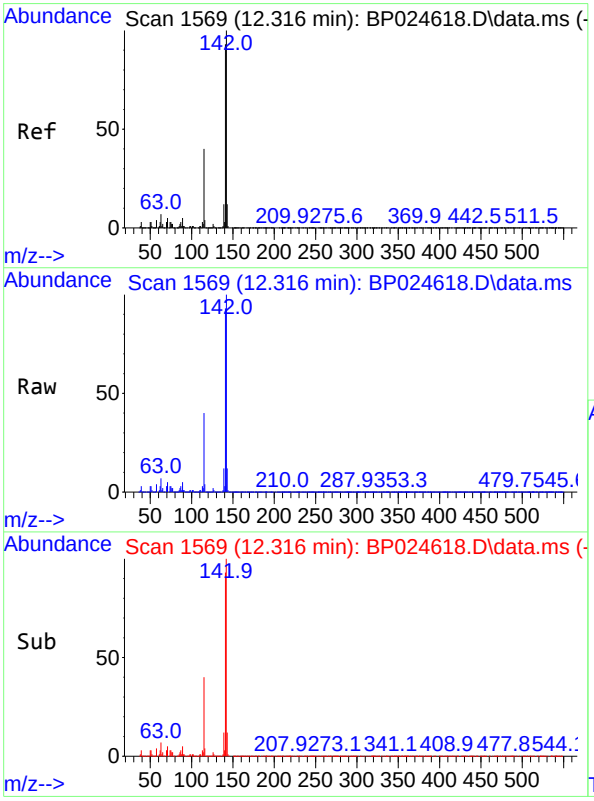
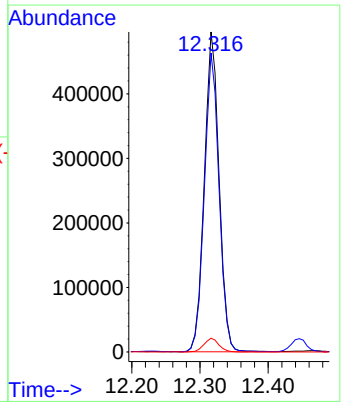
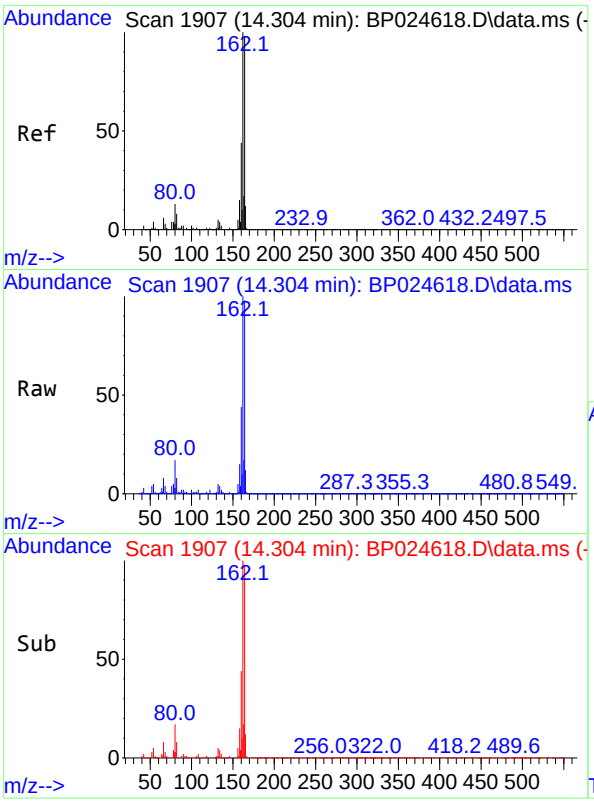


#38
1-Methylnaphthalene
Concen: 38.44 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:142 Resp: 745849

Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.7	112.1
116	4.3	3.4	5.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.304 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 36245

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	45.4	36.3	54.5

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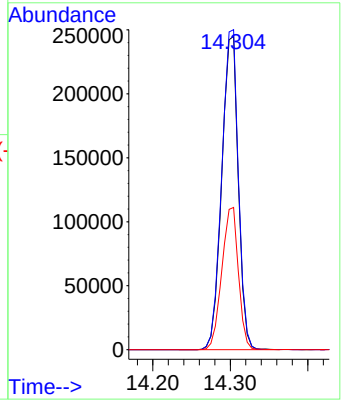
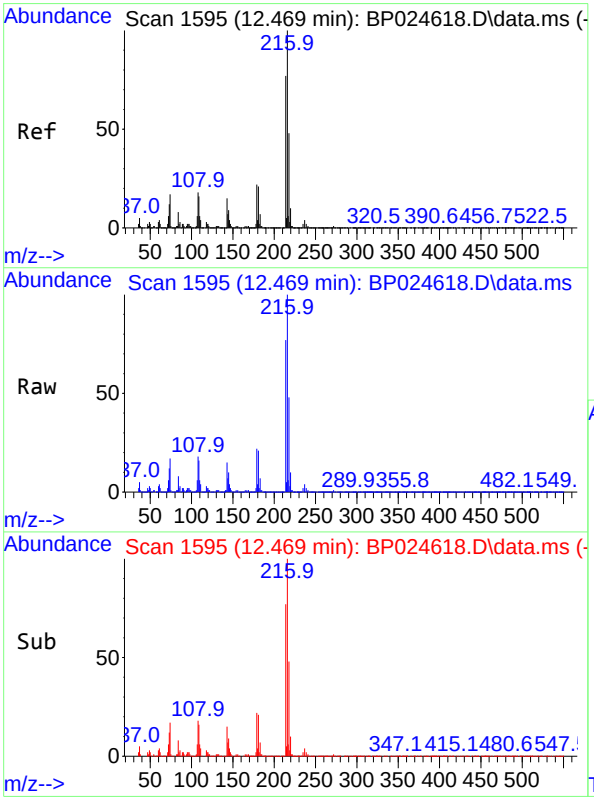
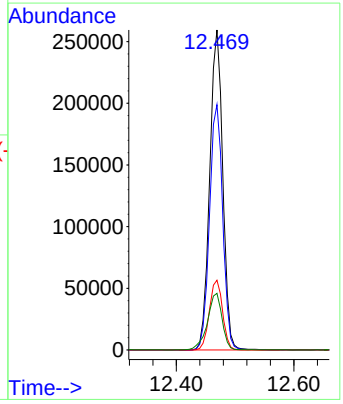


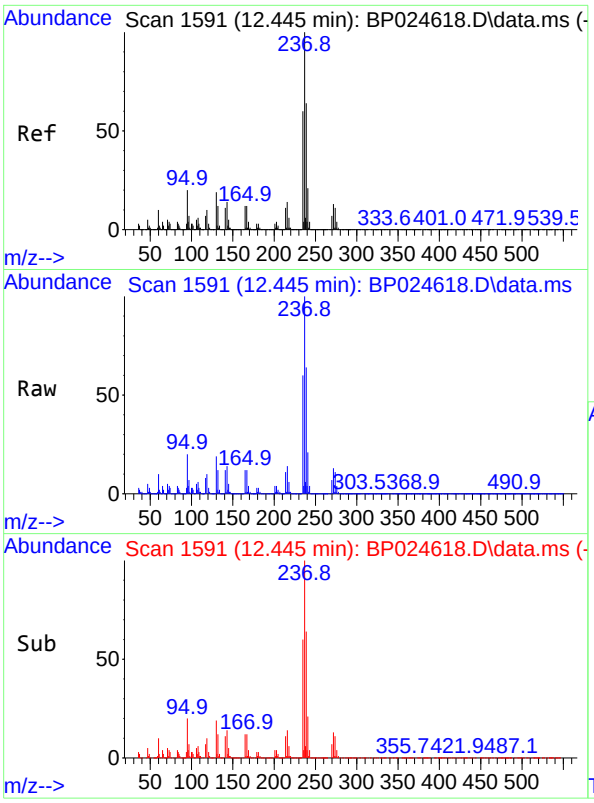


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.84 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:216 Resp: 398230

Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.3	93.5
179	22.1	17.7	26.5
108	20.0	16.0	24.0

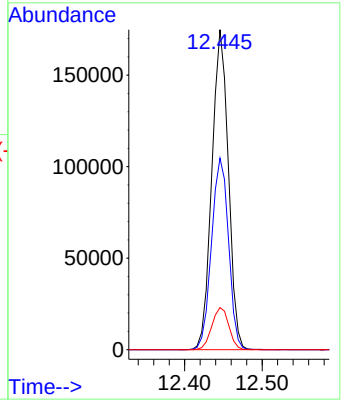




#41
Hexachlorocyclopentadiene
Concen: 40.48 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:237 Resp: 25832

Ion	Ratio	Lower	Upper
237	100		
235	59.9	39.9	79.9
272	13.2	0.0	33.2



Instrument :
BNA_P
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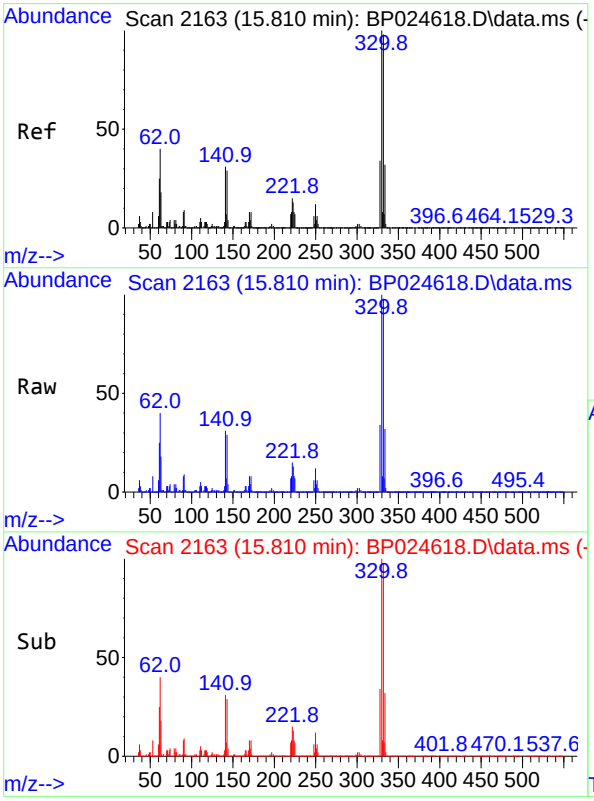
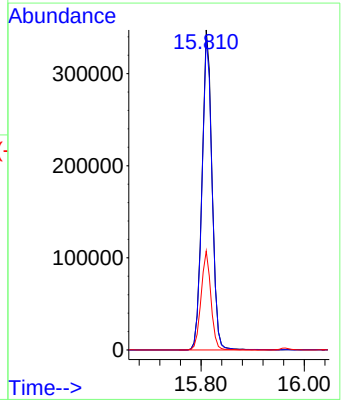
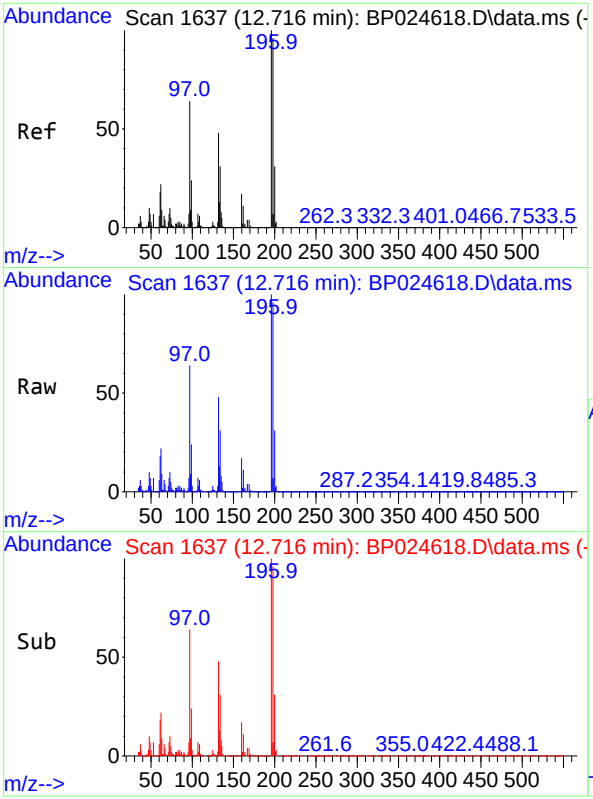


#42
2,4,6-Tribromophenol
Concen: 76.13 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:330 Resp: 467808

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	30.4	24.3	36.5

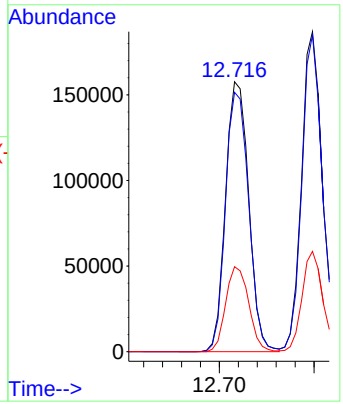




#43
2,4,6-Trichlorophenol
Concen: 39.41 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:196 Resp: 26867

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.9	115.3
200	31.5	25.2	37.8



Instrument :
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ClientSampleId :
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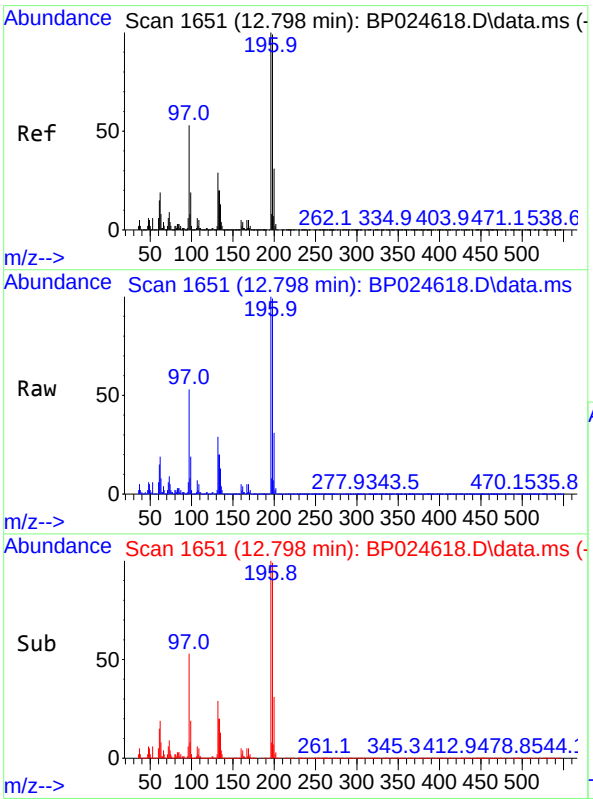
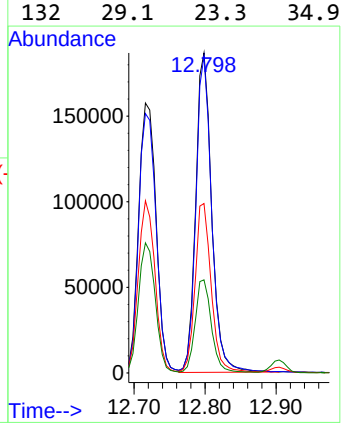
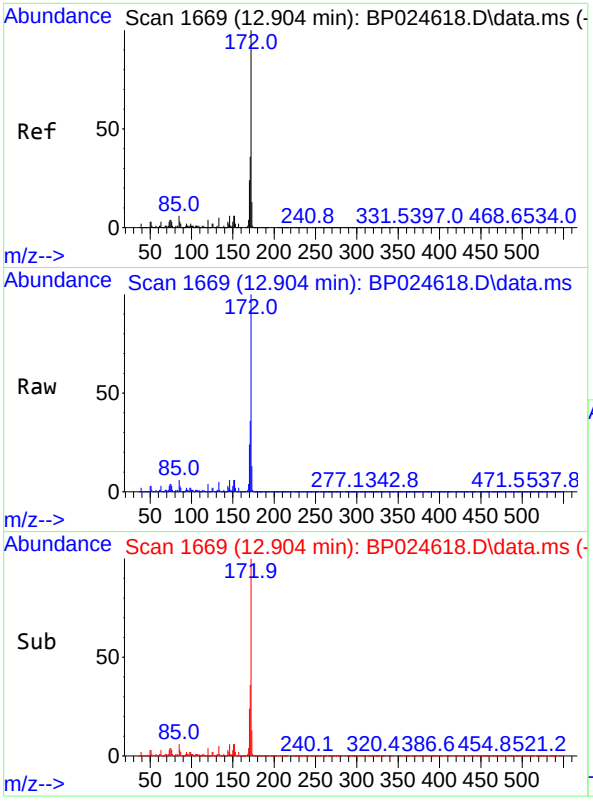


#44
2,4,5-Trichlorophenol
Concen: 38.62 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:196 Resp: 293079

Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.2	118.8
97	52.9	42.3	63.5
132	29.1	23.3	34.9

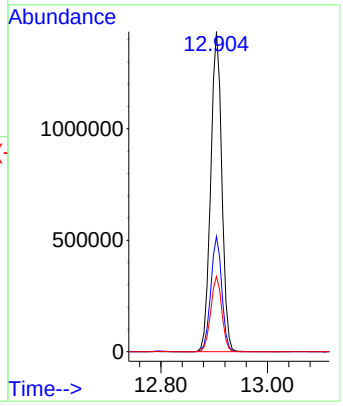




#45
2-Fluorobiphenyl
Concen: 75.05 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:172 Resp: 207635

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.5	18.8	28.2



Instrument :
BNA_P
ClientSampleId :
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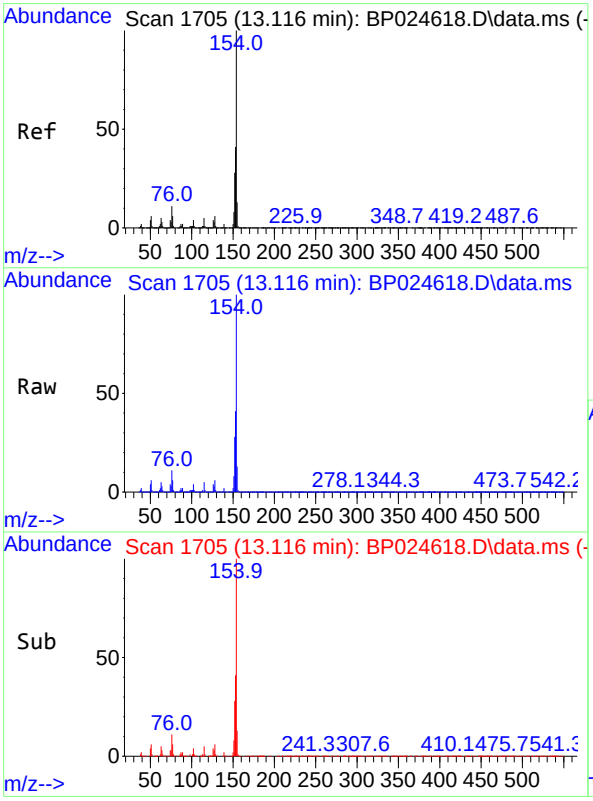
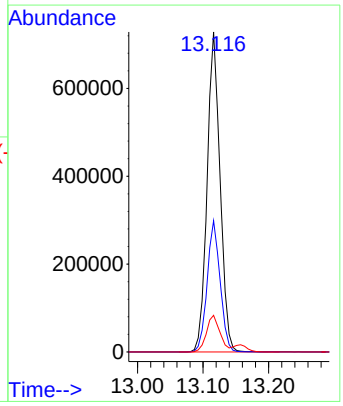
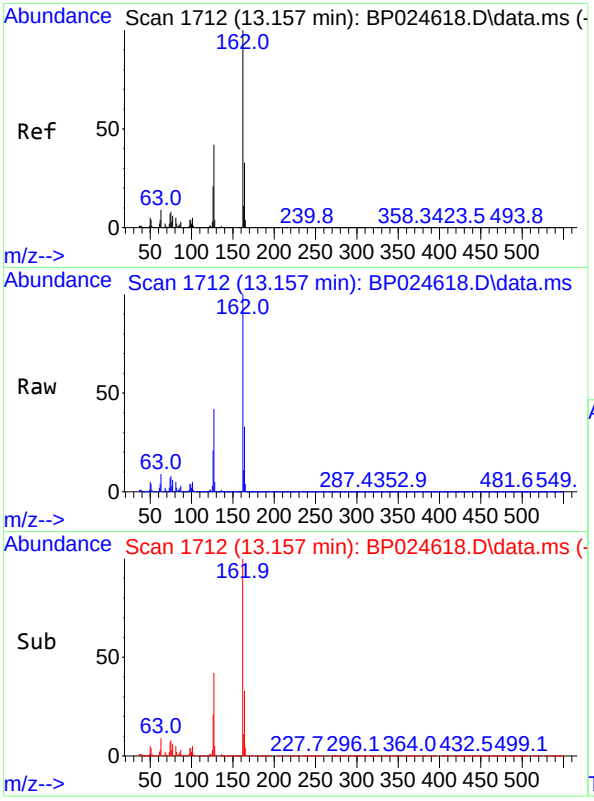


#46
1,1'-Biphenyl
Concen: 37.42 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 1002344

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.5	0.0	31.5

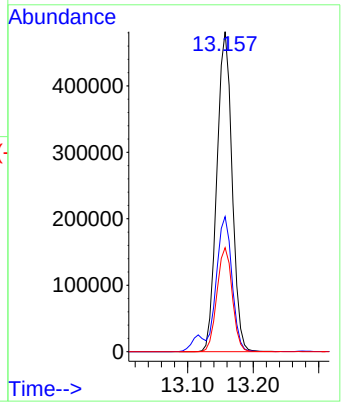




#47
2-Chloronaphthalene
Concen: 37.79 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:162 Resp: 77195

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.8	50.6
164	32.5	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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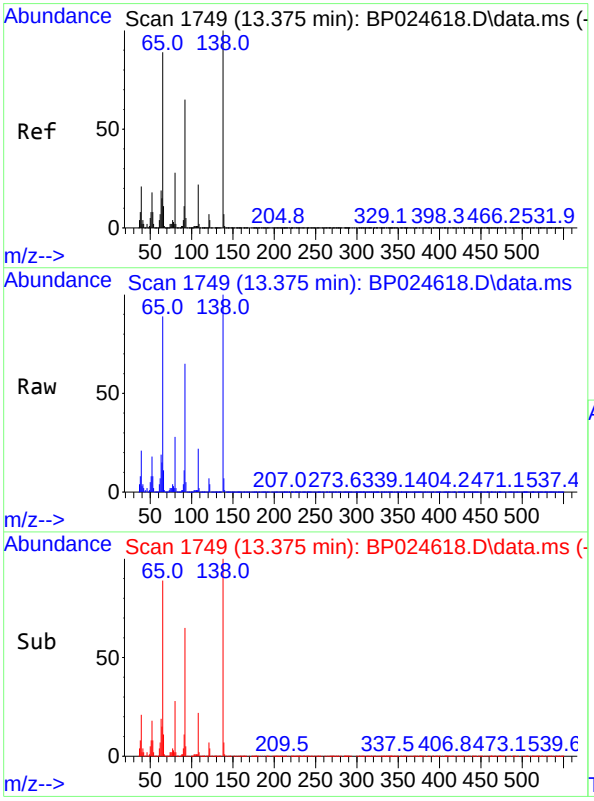
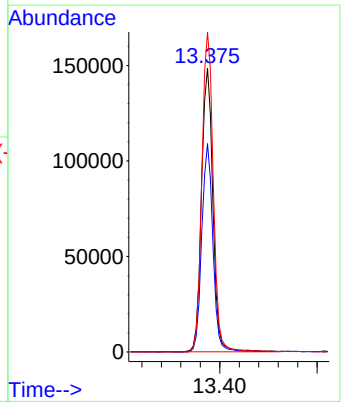
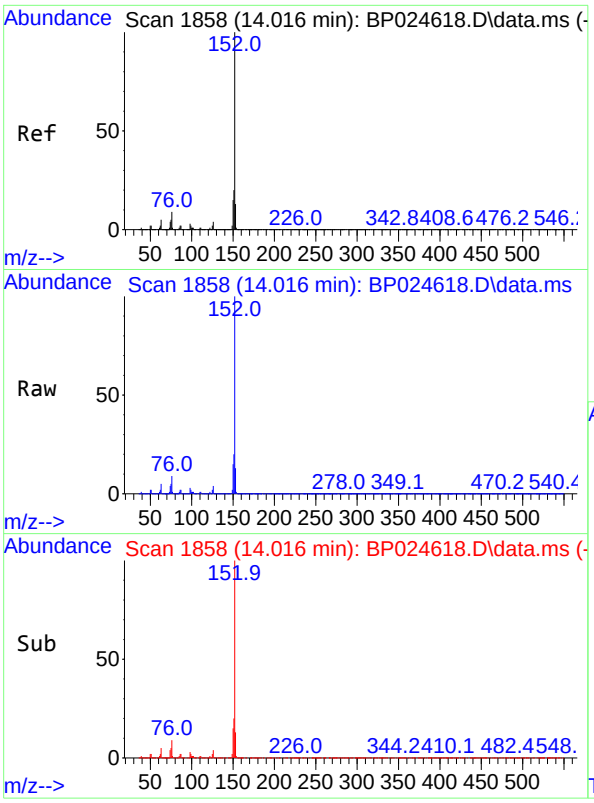


#48
2-Nitroaniline
Concen: 40.10 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 65 Resp: 242485

Ion	Ratio	Lower	Upper
65	100		
92	73.4	58.7	88.1
138	112.7	90.2	135.2

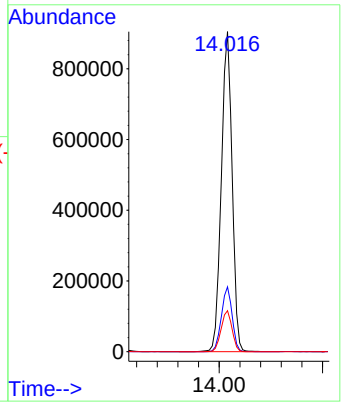




#49
Acenaphthylene
Concen: 38.26 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:152 Resp: 130774

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	12.8	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
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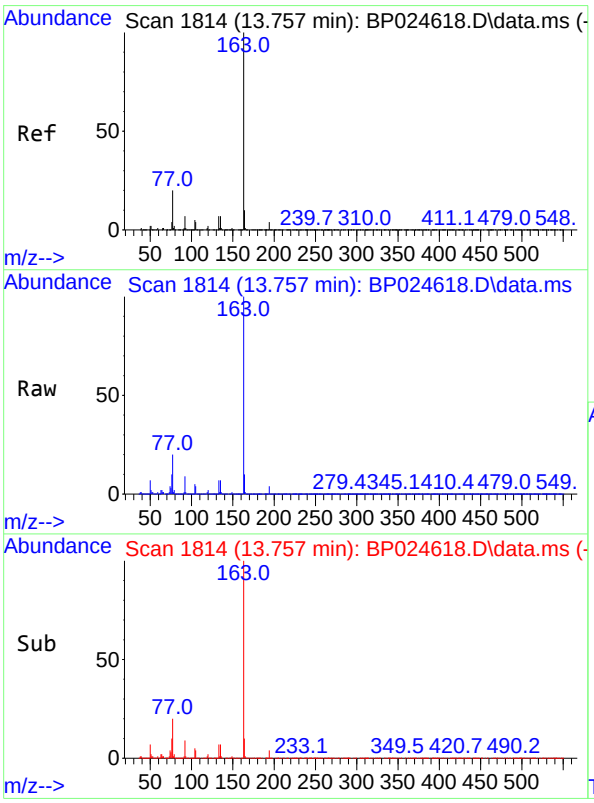
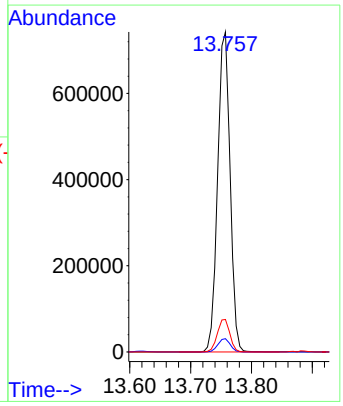
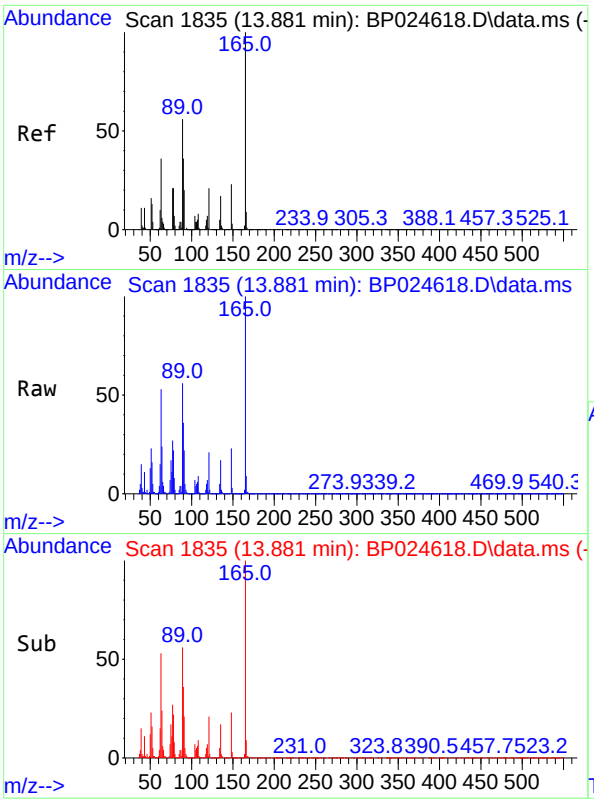


#50
Dimethylphthalate
Concen: 38.04 ng
RT: 13.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:163 Resp: 1051056

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.1	8.1	12.1

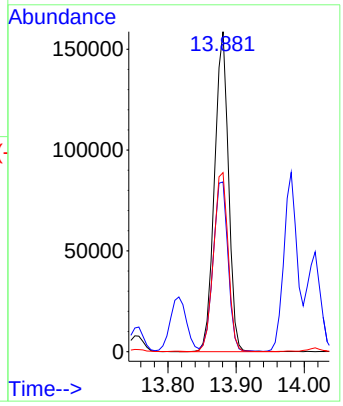




#51
2,6-Dinitrotoluene
Concen: 38.75 ng
RT: 13.881 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:165 Resp: 22608

Ion	Ratio	Lower	Upper
165	100		
63	53.0	42.4	63.6
89	56.0	44.8	67.2



Instrument :
BNA_P
ClientSampleId :
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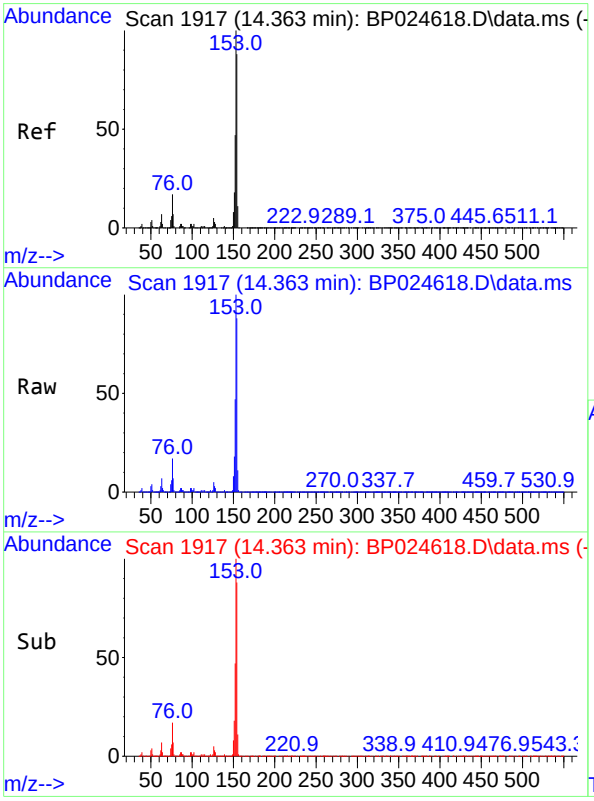
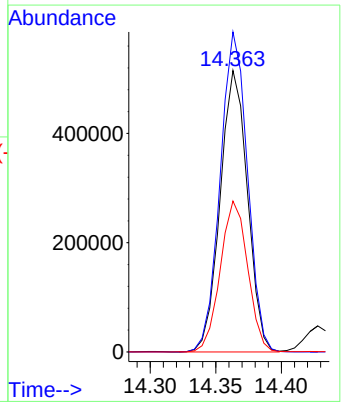
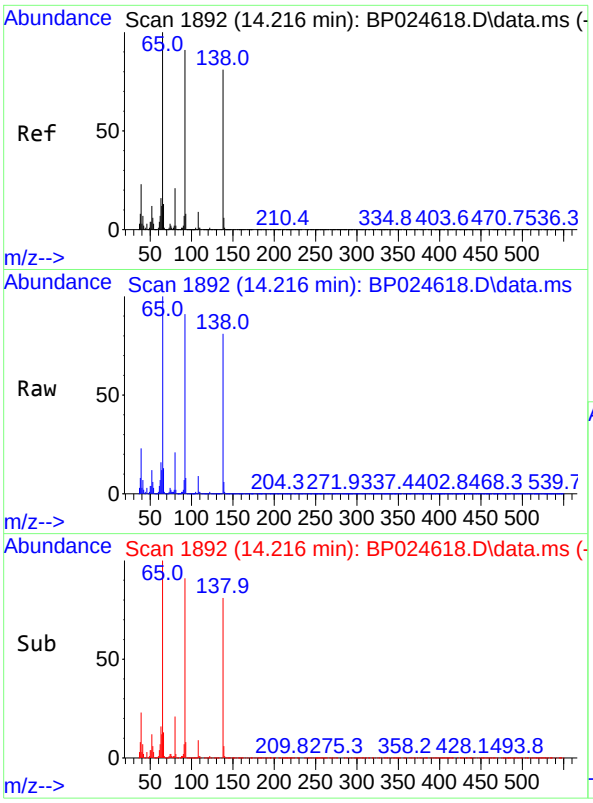


#52
Acenaphthene
Concen: 37.93 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:154 Resp: 745335

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	53.6	42.9	64.3





#53
3-Nitroaniline
Concen: 41.39 ng
RT: 14.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:138 Resp: 24656

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	112.6	90.1	135.1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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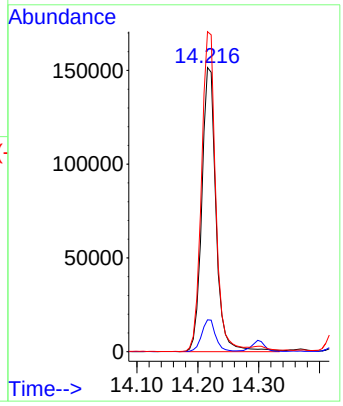
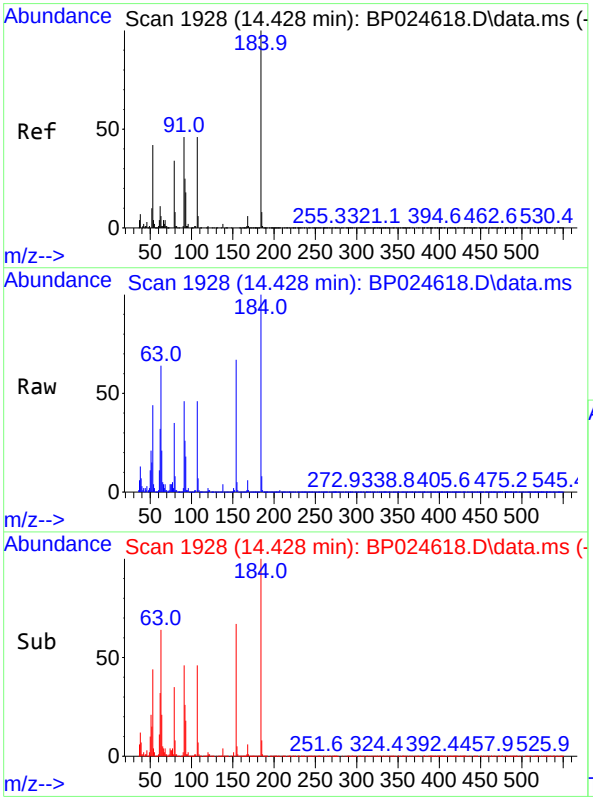
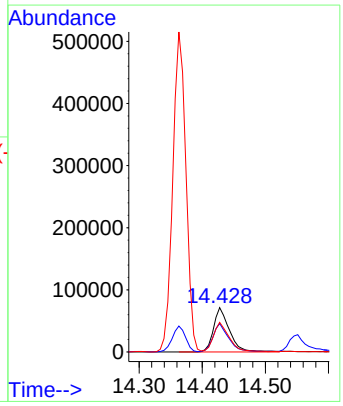


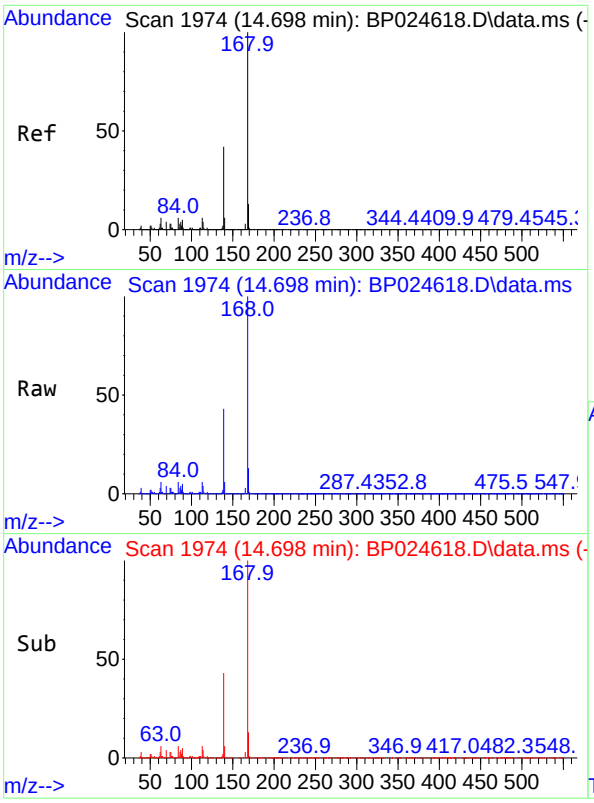


#54
2,4-Dinitrophenol
Concen: 37.54 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:184 Resp: 124517

Ion	Ratio	Lower	Upper
184	100		
63	64.1	51.3	76.9
154	66.9	53.5	80.3

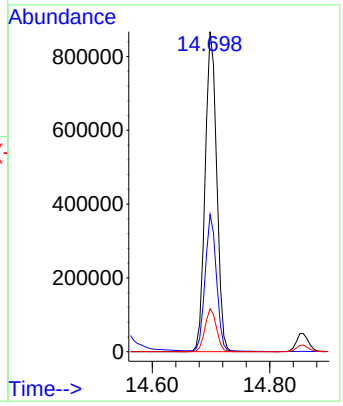




#55
Dibenzofuran
Concen: 37.77 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:168 Resp: 118380

Ion	Ratio	Lower	Upper
168	100		
139	42.8	34.2	51.4
169	13.5	10.8	16.2



Instrument :
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ClientSampleId :
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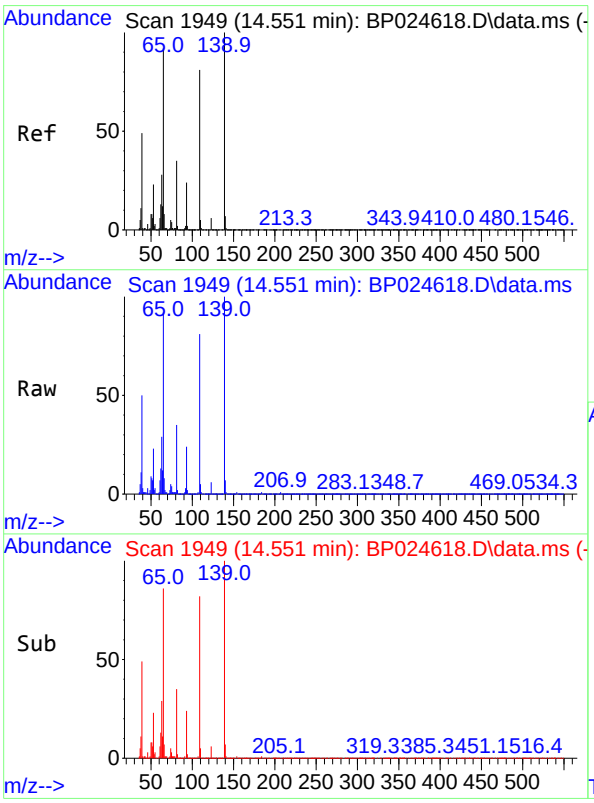
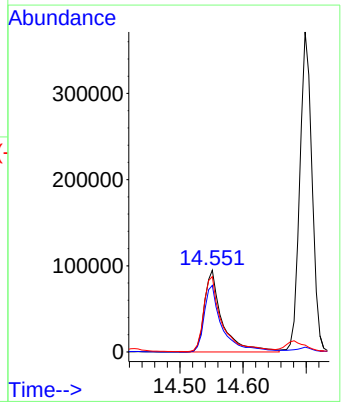
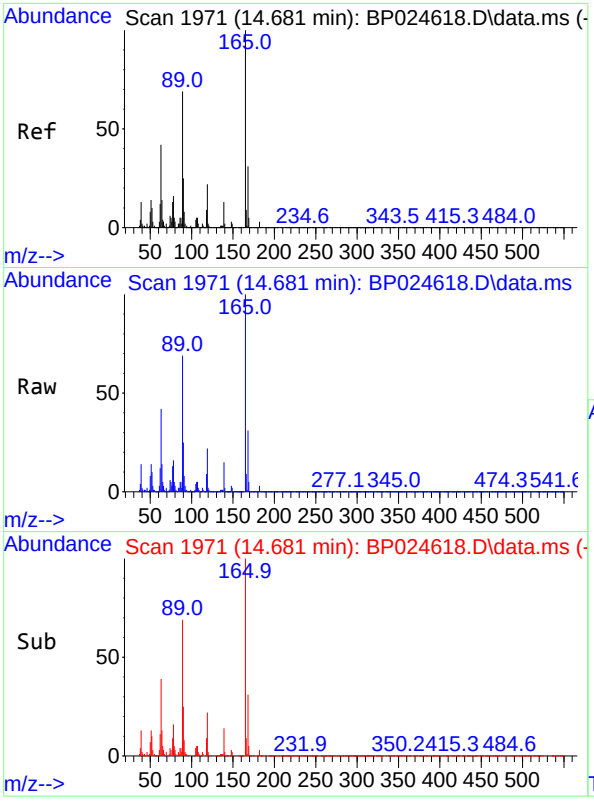


#56
4-Nitrophenol
Concen: 38.41 ng
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:139 Resp: 186112

Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.4	101.4
65	92.2	72.2	112.2

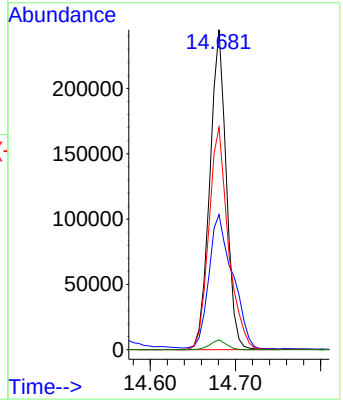




#57
2,4-Dinitrotoluene
Concen: 40.02 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:165 Resp: 32915

Ion	Ratio	Lower	Upper
165	100		
63	42.2	33.8	50.6
89	69.5	55.6	83.4
182	3.0	2.4	3.6



Instrument :
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ClientSampleId :
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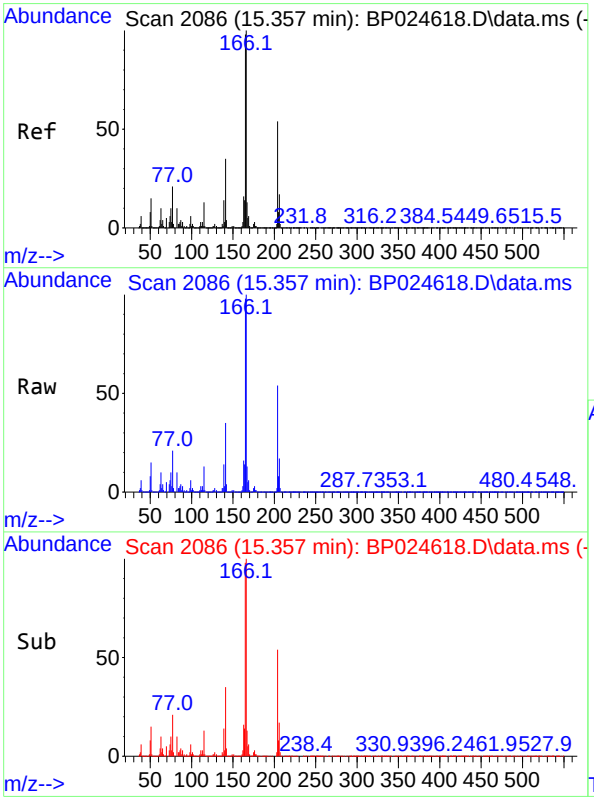
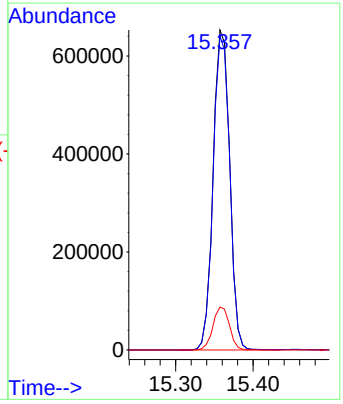
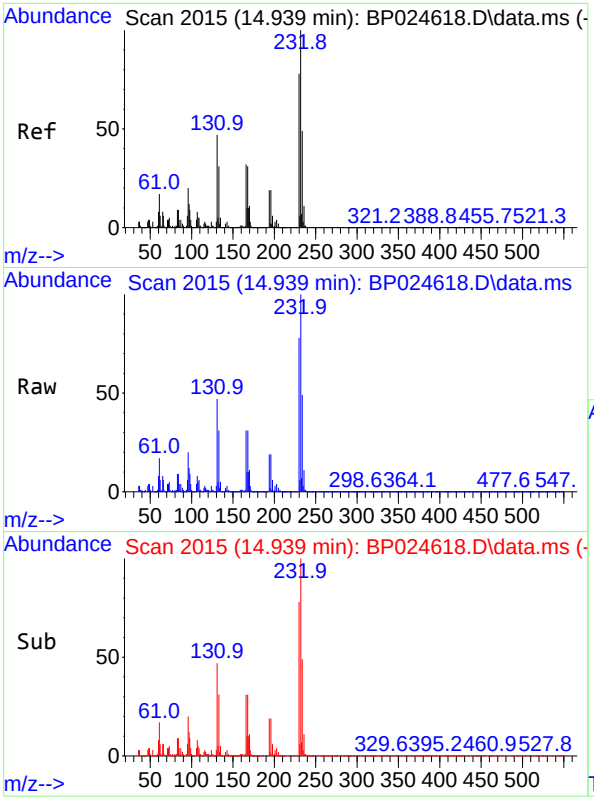


#58
Fluorene
Concen: 37.89 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:166 Resp: 968487

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.4	10.7	16.1

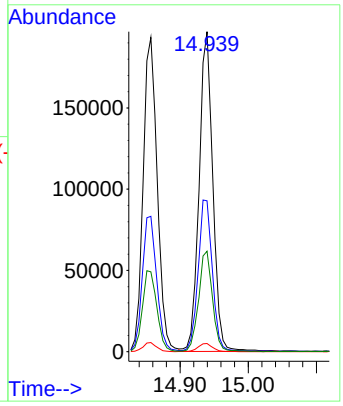




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.98 ng
RT: 14.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:232 Resp: 27438

Ion	Ratio	Lower	Upper
232	100		
131	49.4	39.5	59.3
130	2.8	2.2	3.4
166	32.1	25.7	38.5



Instrument :
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ClientSampleId :
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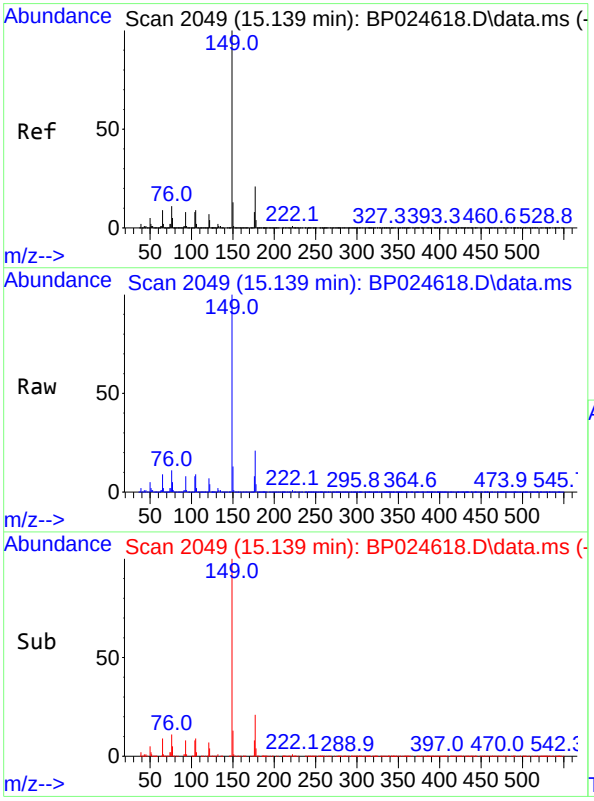
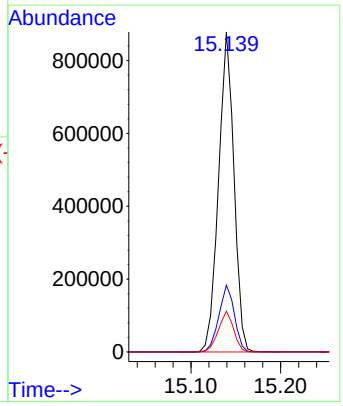
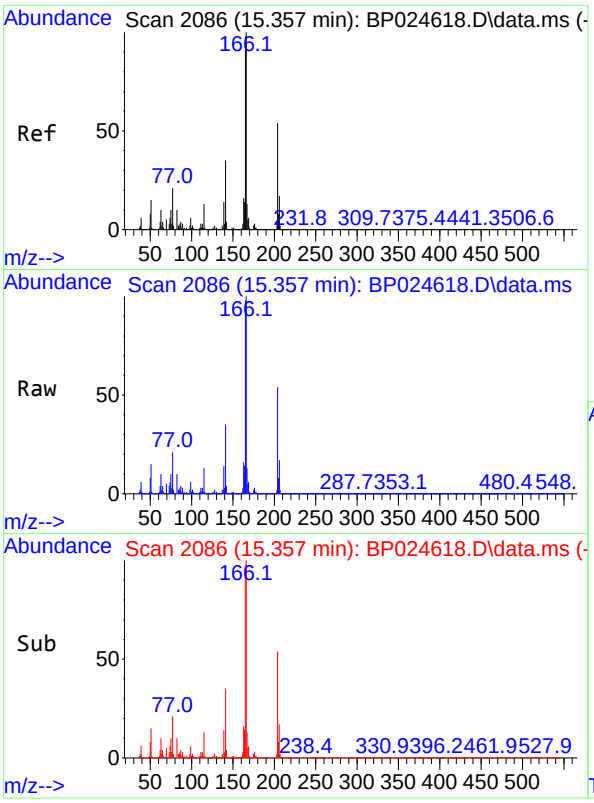


#60
Diethylphthalate
Concen: 37.48 ng
RT: 15.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1046478

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.7	25.1
150	12.7	10.2	15.2

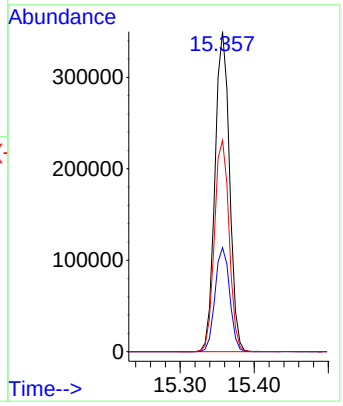




#61
4-Chlorophenyl-phenylether
Concen: 37.29 ng
RT: 15.357 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:204 Resp: 47532

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	66.1	52.9	79.3



Instrument :
BNA_P
ClientSampleId :
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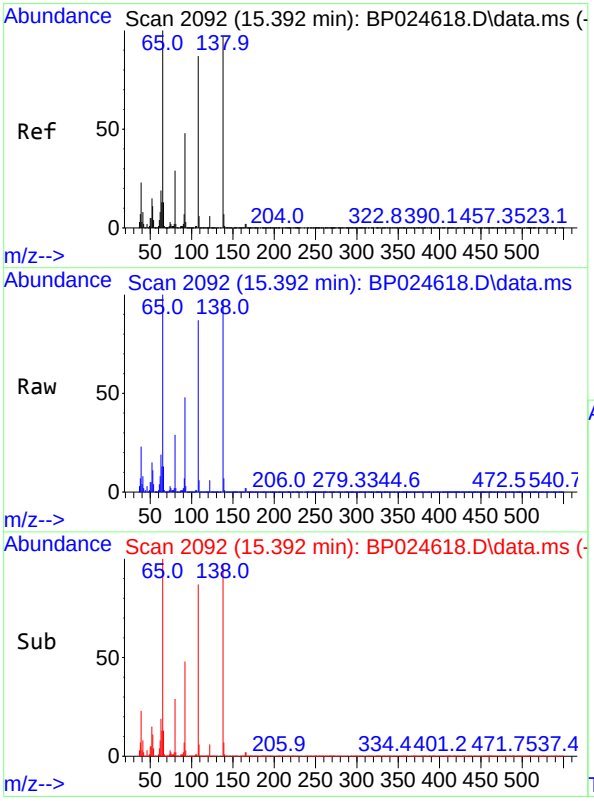
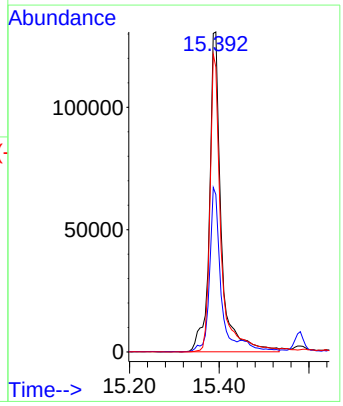
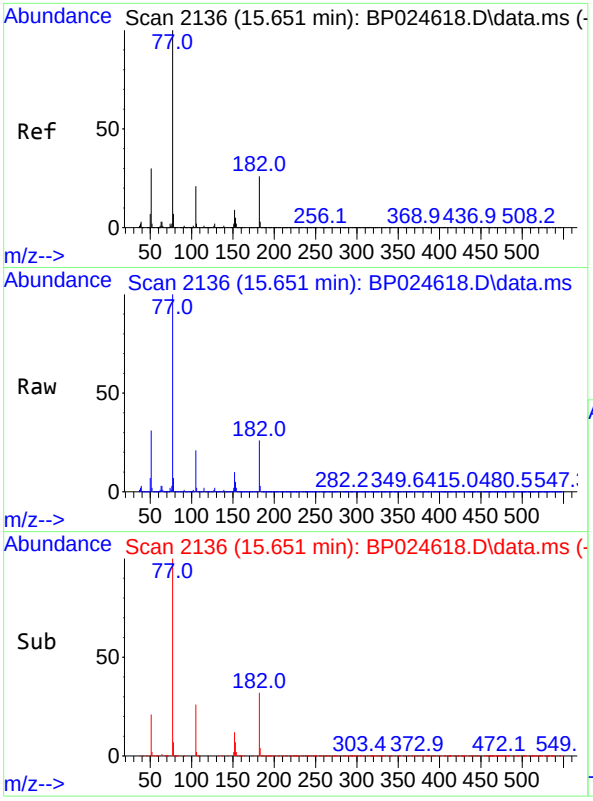


#62
4-Nitroaniline
Concen: 41.24 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:138 Resp: 239212

Ion	Ratio	Lower	Upper
138	100		
92	49.2	29.2	69.2
108	89.0	69.0	109.0

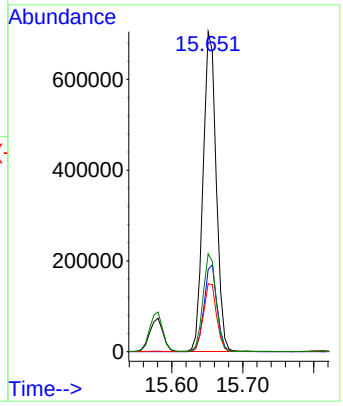




#63
Azobenzene
Concen: 37.94 ng
RT: 15.651 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion: 77 Resp: 90627

Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.7	45.7
105	21.3	1.3	41.3
51	30.6	10.6	50.6



Instrument :
BNA_P
ClientSampleId :
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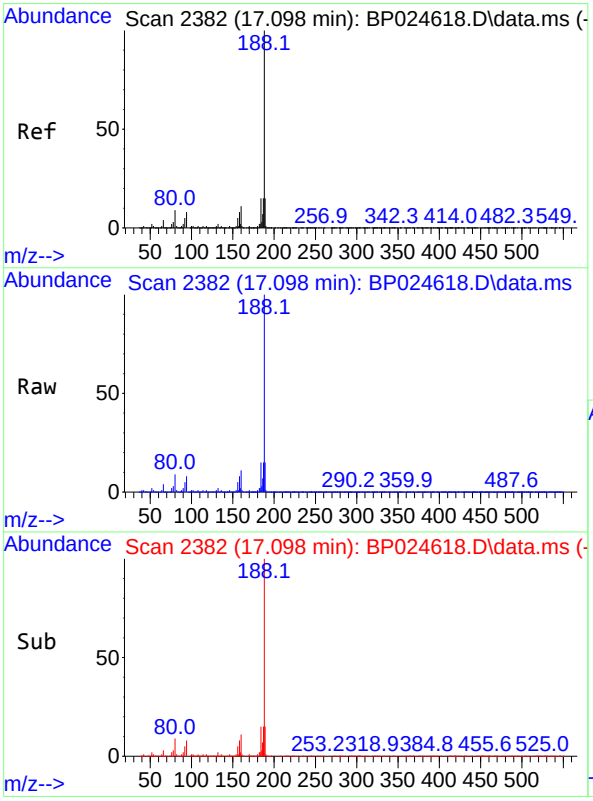
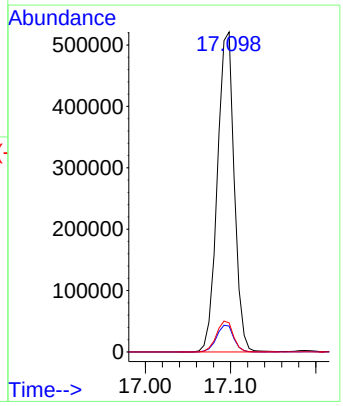
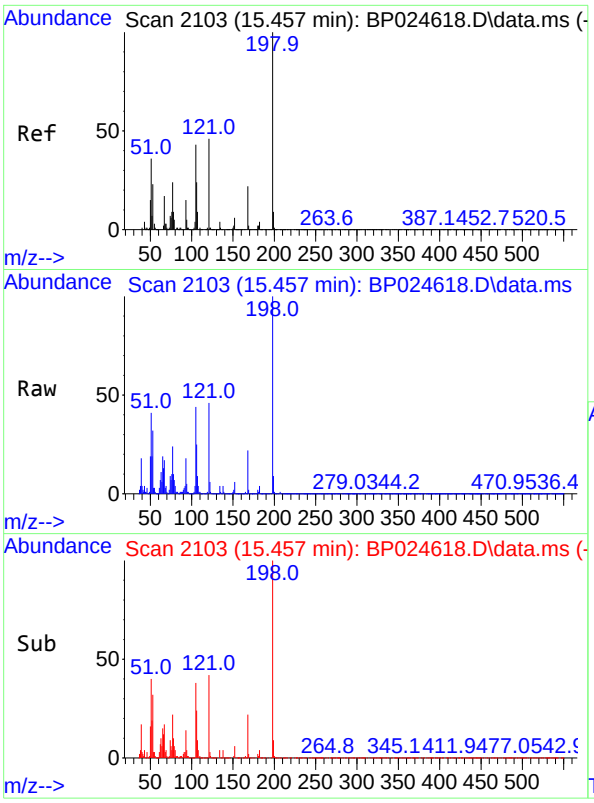


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:188 Resp: 717362

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.5	9.7
80	9.1	7.3	10.9

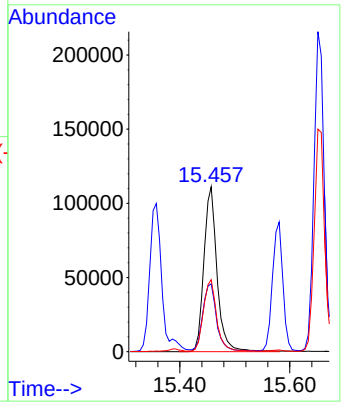




#65
4,6-Dinitro-2-methylphenol
Concen: 39.84 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:198 Resp: 18459

Ion	Ratio	Lower	Upper
198	100		
51	41.1	21.1	61.1
105	43.6	23.6	63.6



Instrument :
BNA_P
ClientSampleId :
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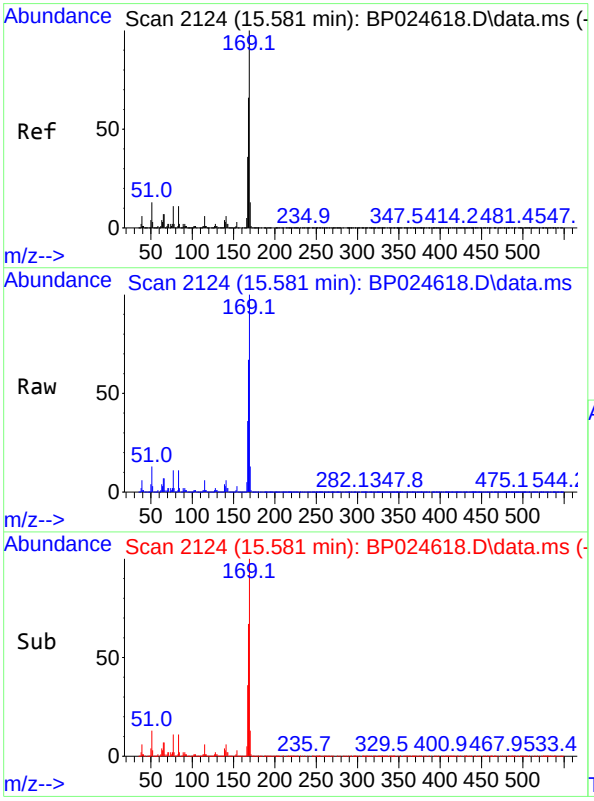
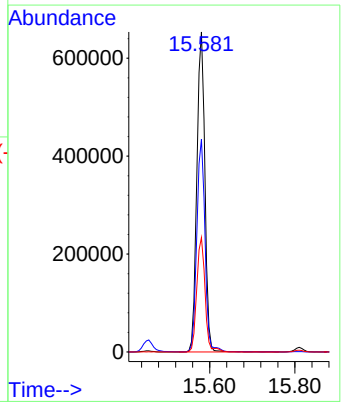
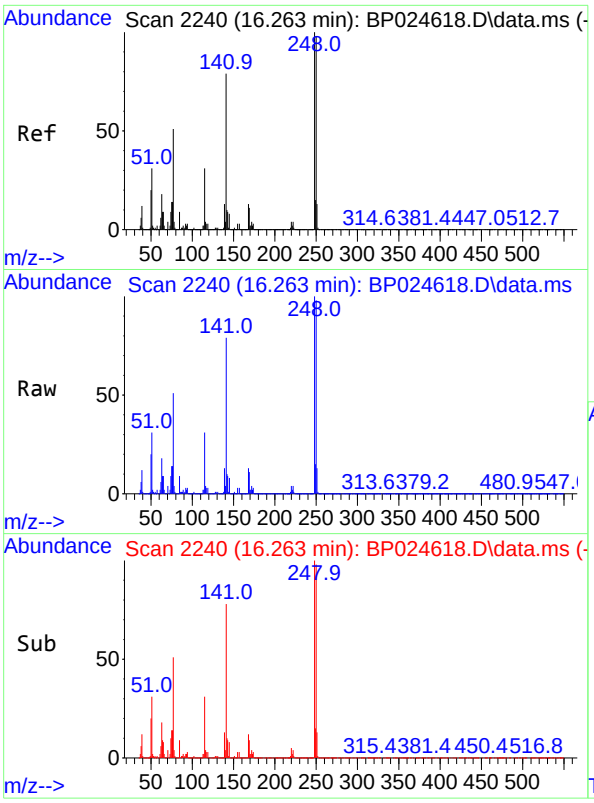


#66
n-Nitrosodiphenylamine
Concen: 38.63 ng
RT: 15.581 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:169 Resp: 851188

Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.2	79.8
167	35.8	28.6	43.0

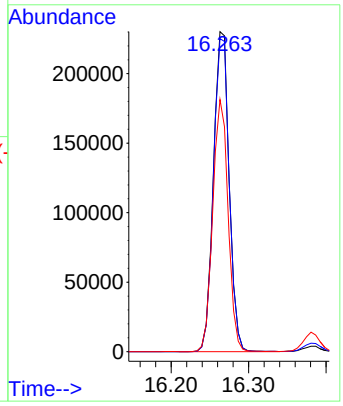




#67
4-Bromophenyl-phenylether
Concen: 38.28 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:248 Resp: 32355

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	78.8	63.0	94.6



Instrument :
BNA_P
ClientSampleId :
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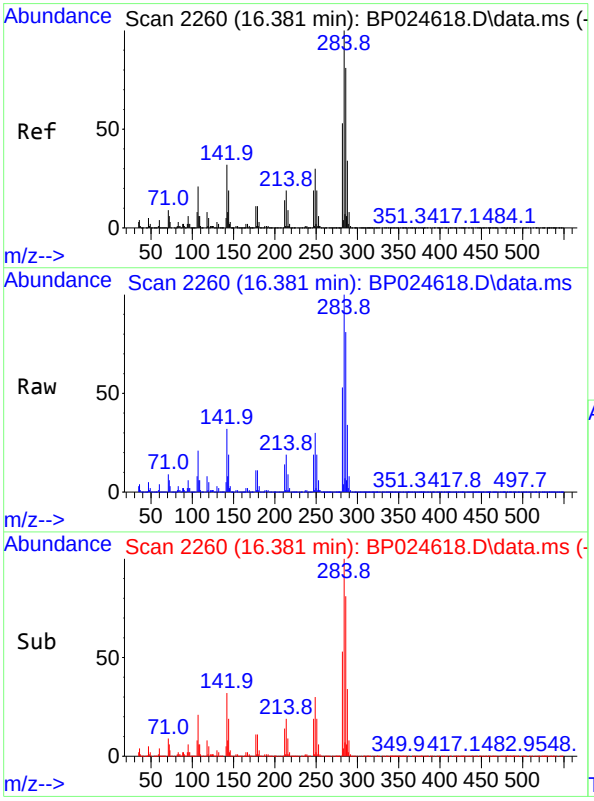
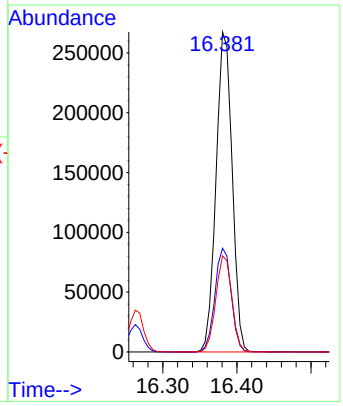
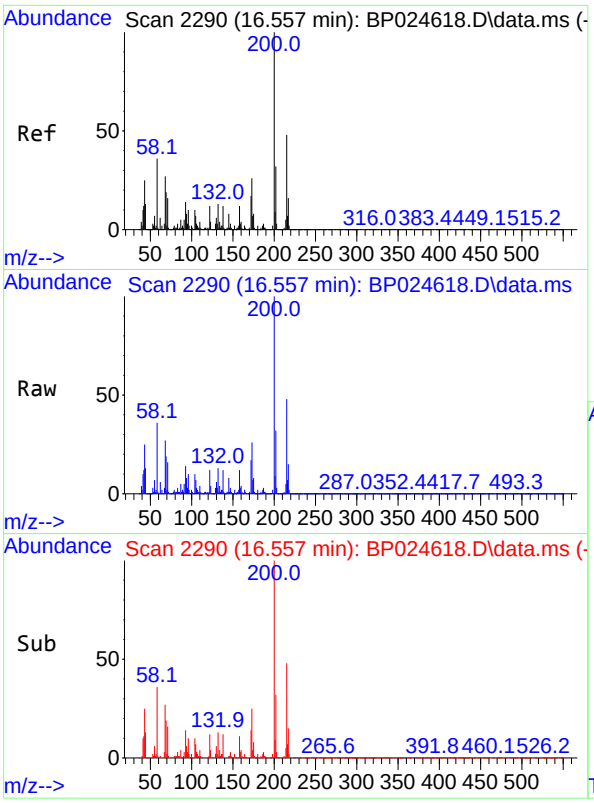


#68
Hexachlorobenzene
Concen: 37.60 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:284 Resp: 403916

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.9	38.9
249	30.1	24.1	36.1

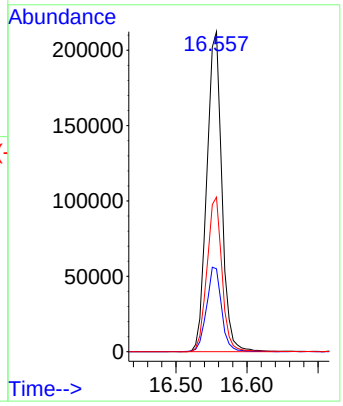




#69
Atrazine
Concen: 38.67 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:200 Resp: 31222

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	48.3	28.3	68.3



Instrument :
BNA_P
ClientSampleId :
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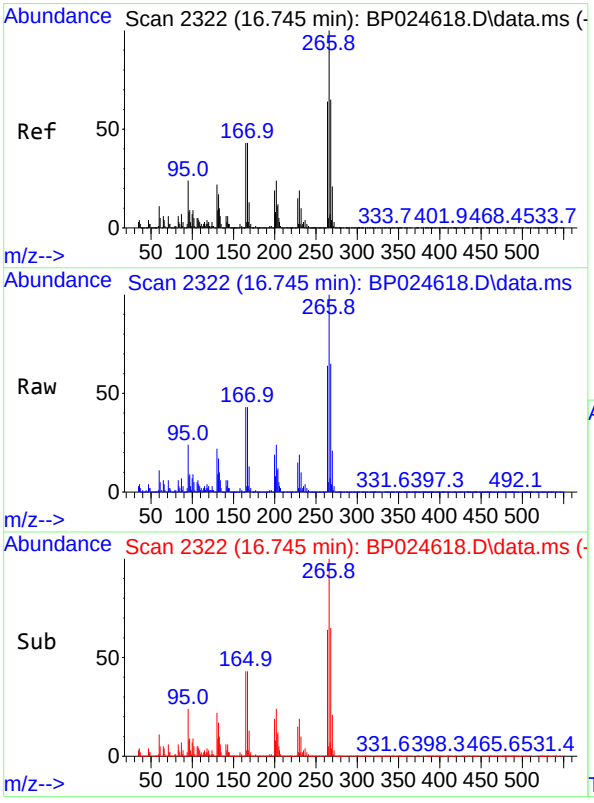
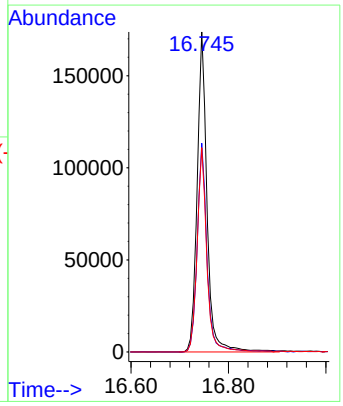
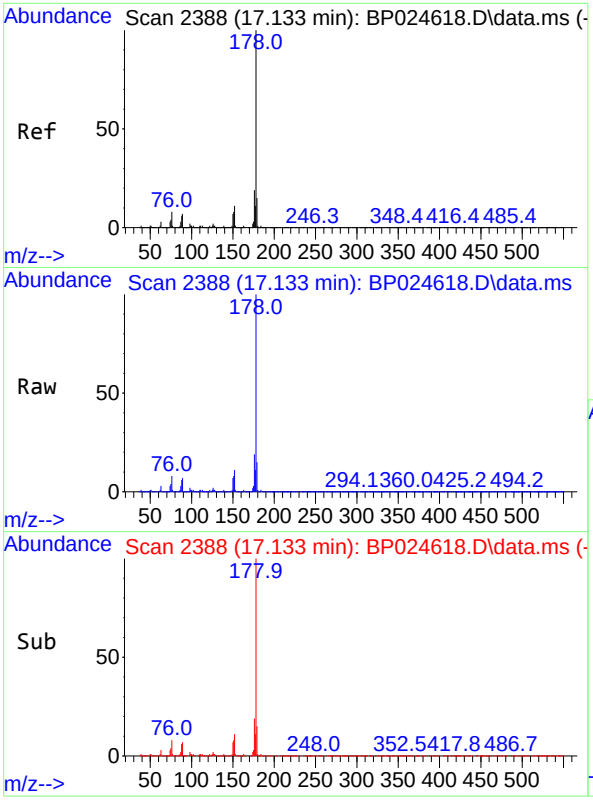


#70
Pentachlorophenol
Concen: 40.91 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:266 Resp: 246828

Ion	Ratio	Lower	Upper
266	100		
268	65.3	52.2	78.4
264	63.9	51.1	76.7

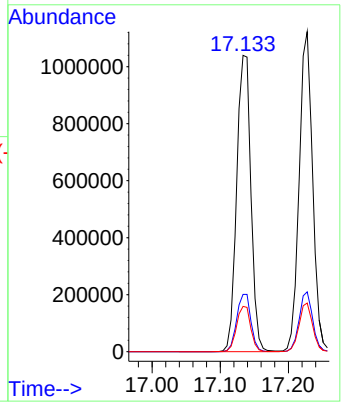




#71
Phenanthrene
Concen: 37.80 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:178 Resp: 150760

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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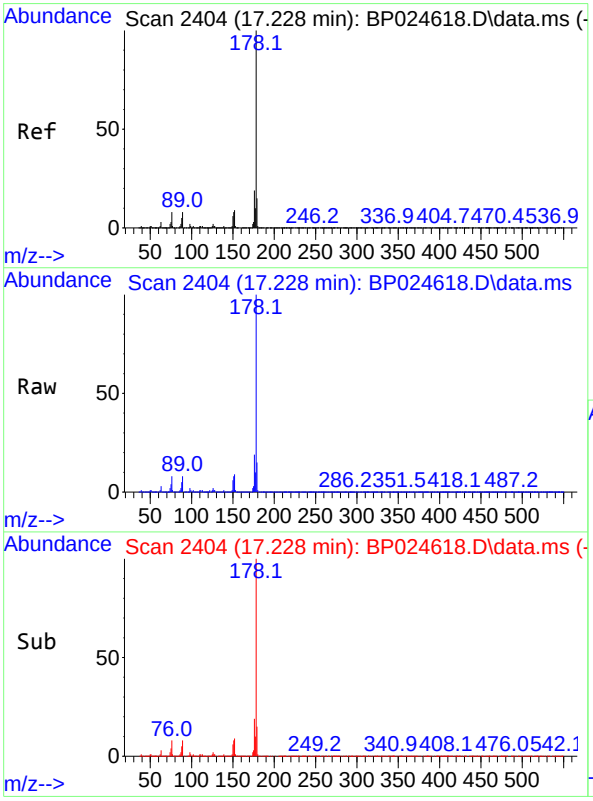
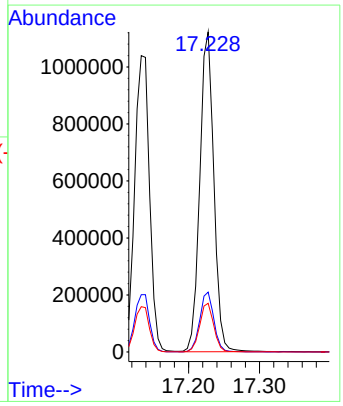
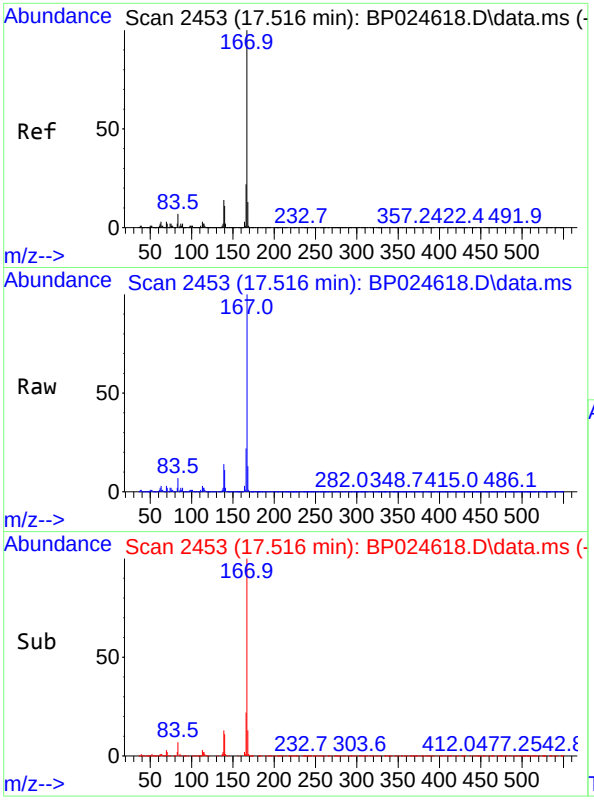


#72
Anthracene
Concen: 38.44 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:178 Resp: 1542275

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.2	12.2	18.2

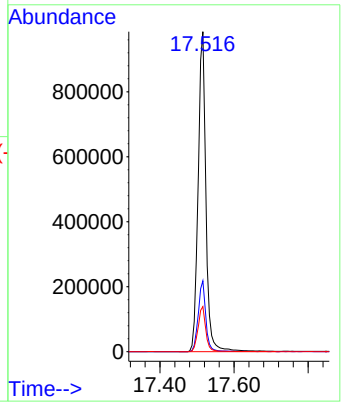




#73
Carbazole
Concen: 39.55 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:167 Resp: 143629

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.1	11.3	16.9



Instrument :
BNA_P
ClientSampleId :
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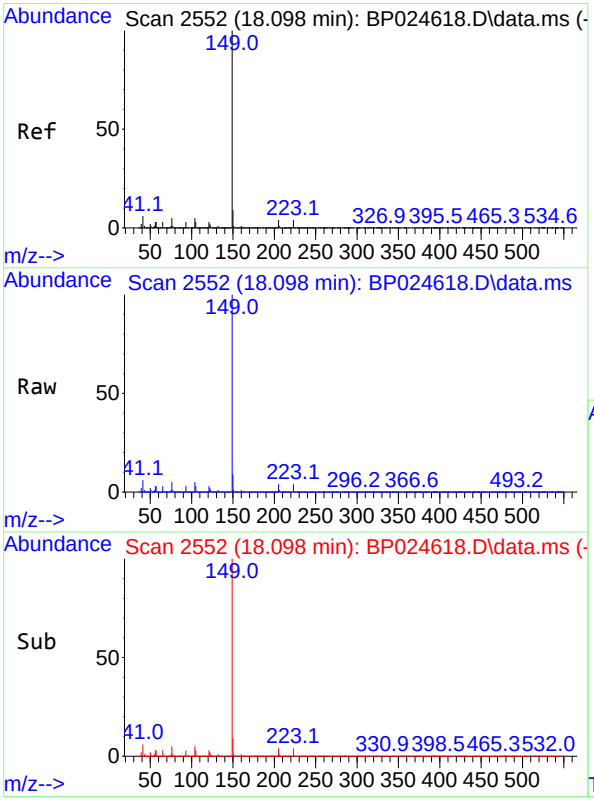
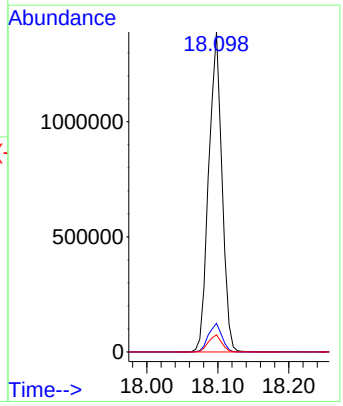
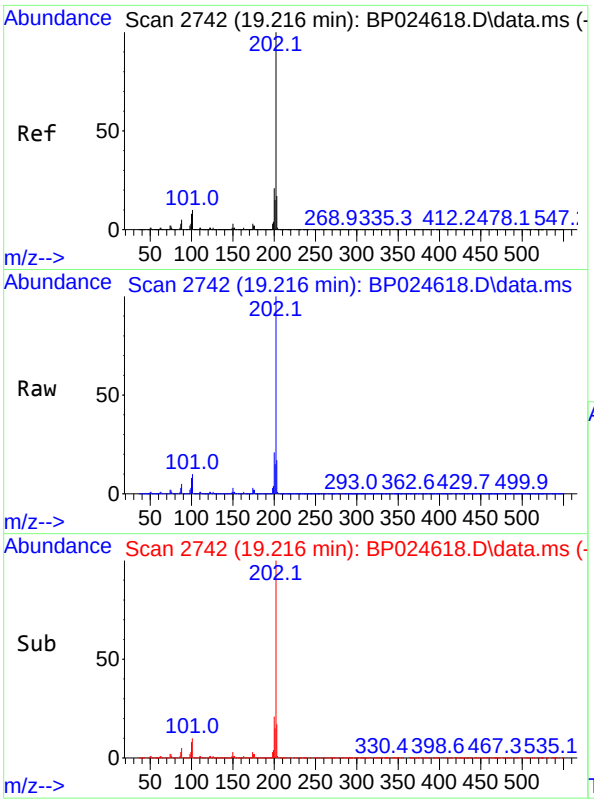


#74
Di-n-butylphthalate
Concen: 38.69 ng
RT: 18.098 min Scan# 2552
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1807097

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.4	4.3	6.5

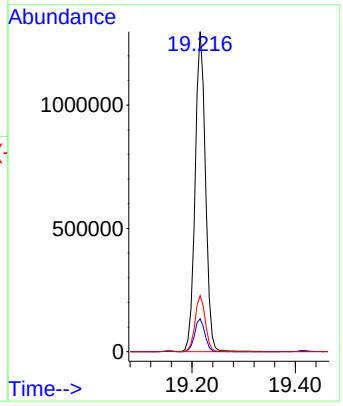




#75
Fluoranthene
Concen: 38.49 ng
RT: 19.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 179404

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
203	17.5	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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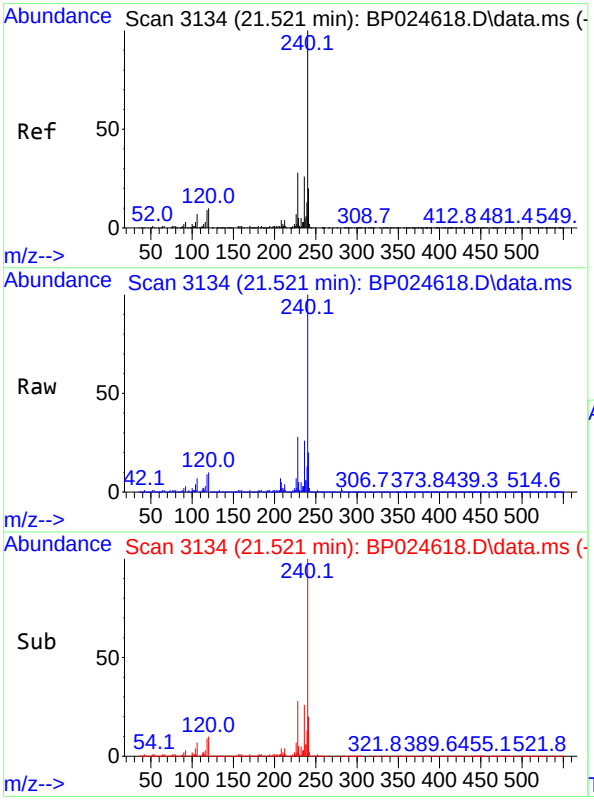
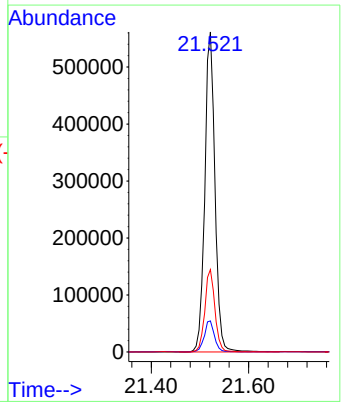
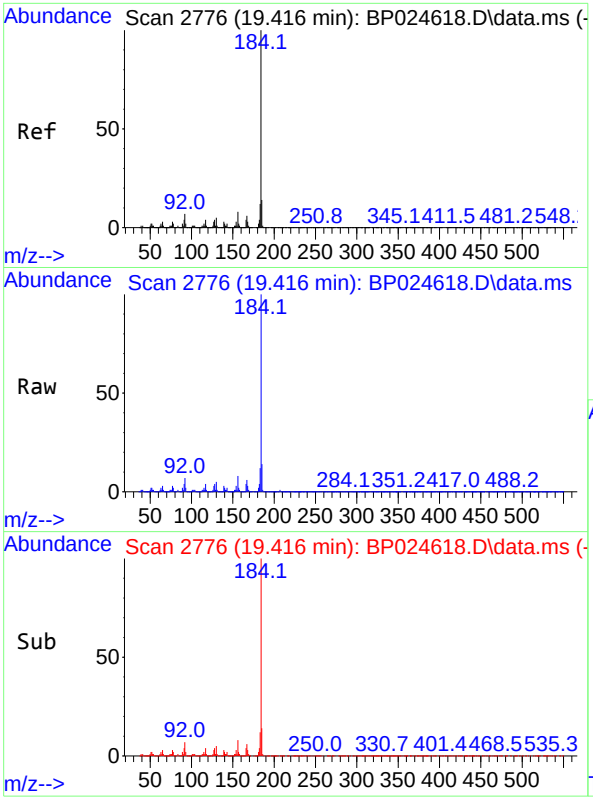


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:240 Resp: 810498

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.8	20.6	31.0

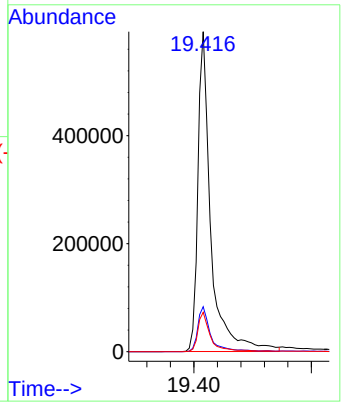




#77
Benzidine
Concen: 40.77 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:184 Resp: 90710

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.3	9.8	14.8



Instrument :
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ClientSampleId :
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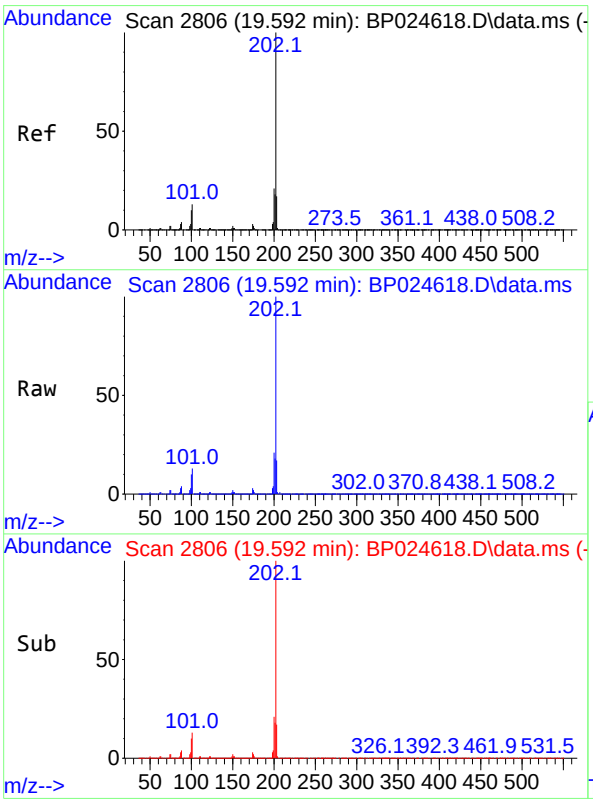
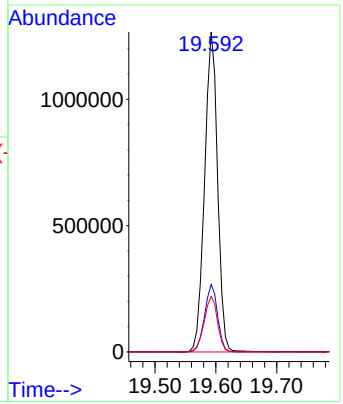
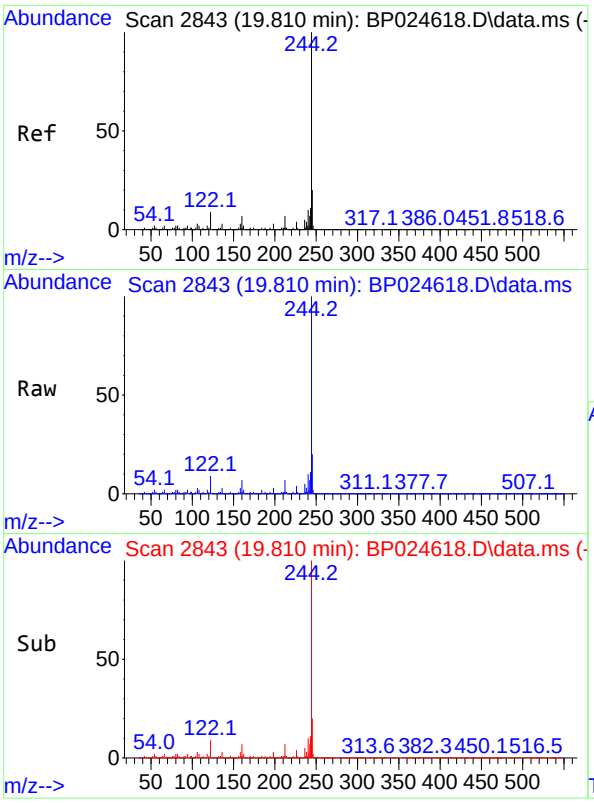


#78
Pyrene
Concen: 38.50 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:202 Resp: 1869519

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9

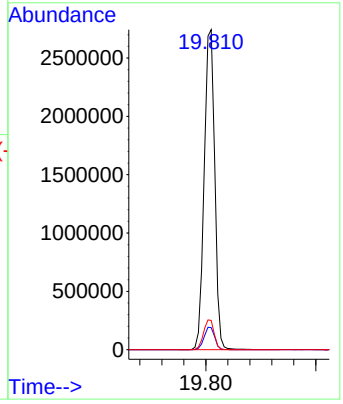




#79
Terphenyl-d14
Concen: 77.18 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:244 Resp: 364796

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.2	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
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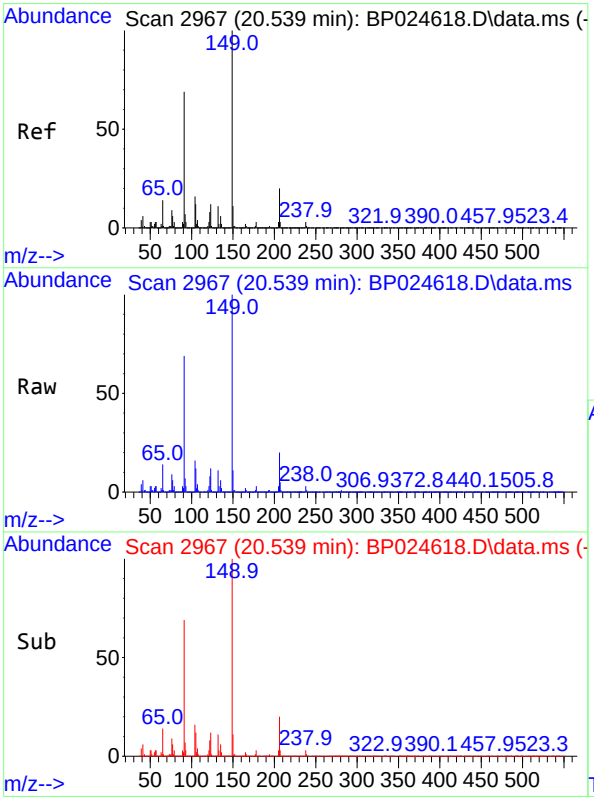
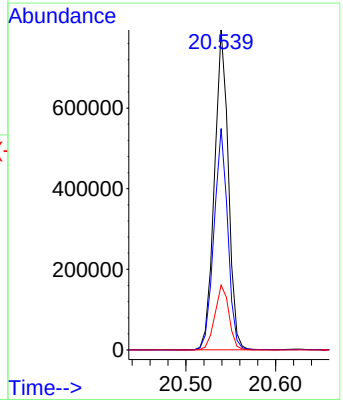
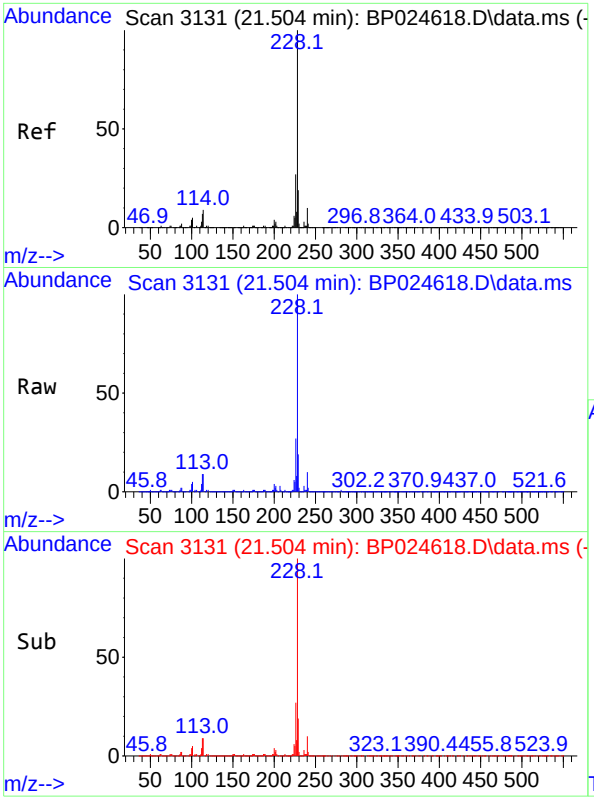


#80
Butylbenzylphthalate
Concen: 39.58 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 854913

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.4	83.0
206	20.2	16.2	24.2

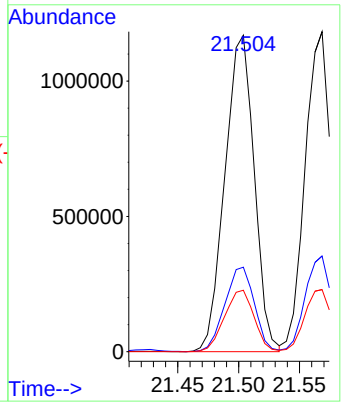




#81
Benzo(a)anthracene
Concen: 38.47 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:228 Resp: 195763

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.0
229	19.4	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
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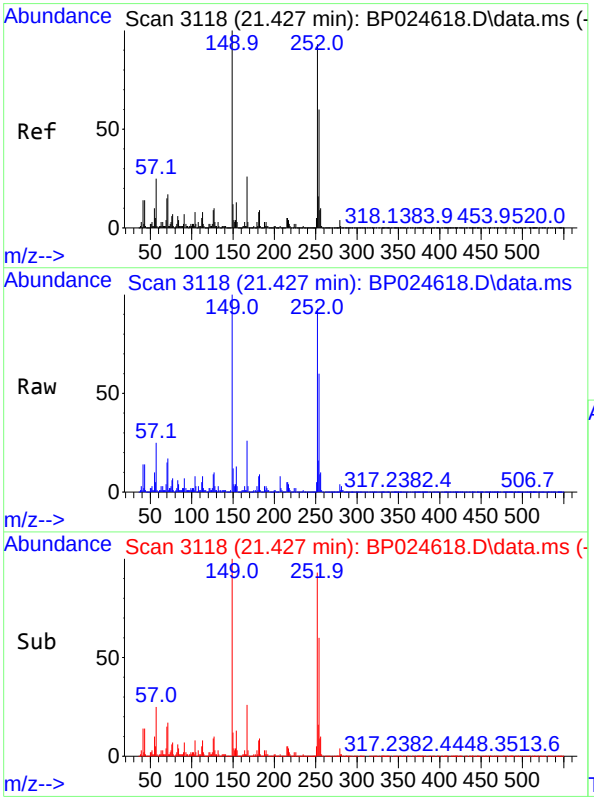
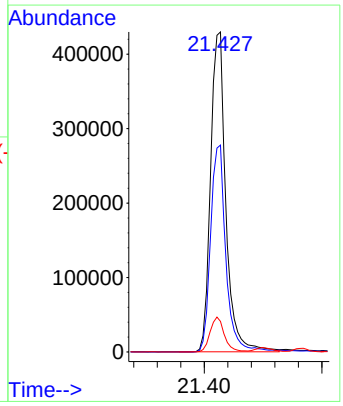
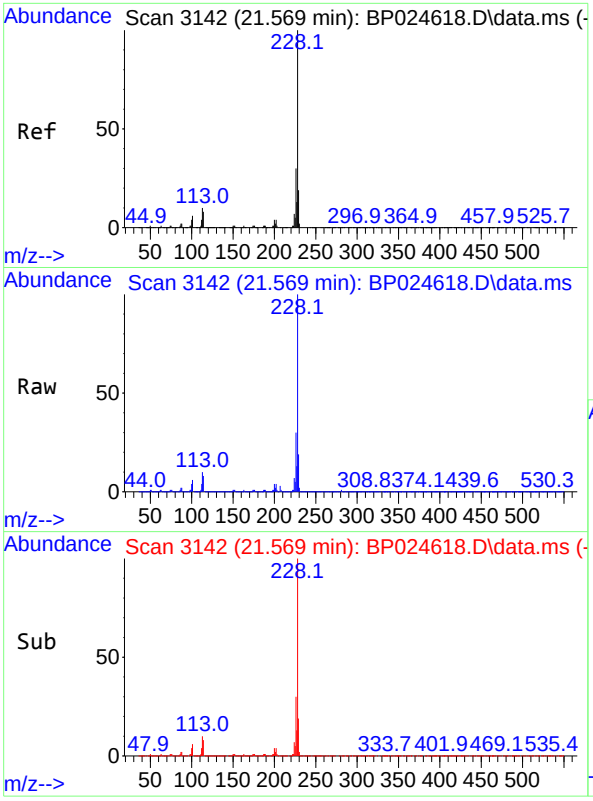


#82
3,3'-Dichlorobenzidine
Concen: 40.94 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 773866

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	9.6	7.7	11.5

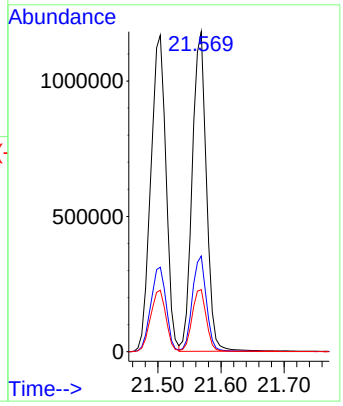




#83
Chrysene
Concen: 38.01 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:228 Resp: 183395

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.4	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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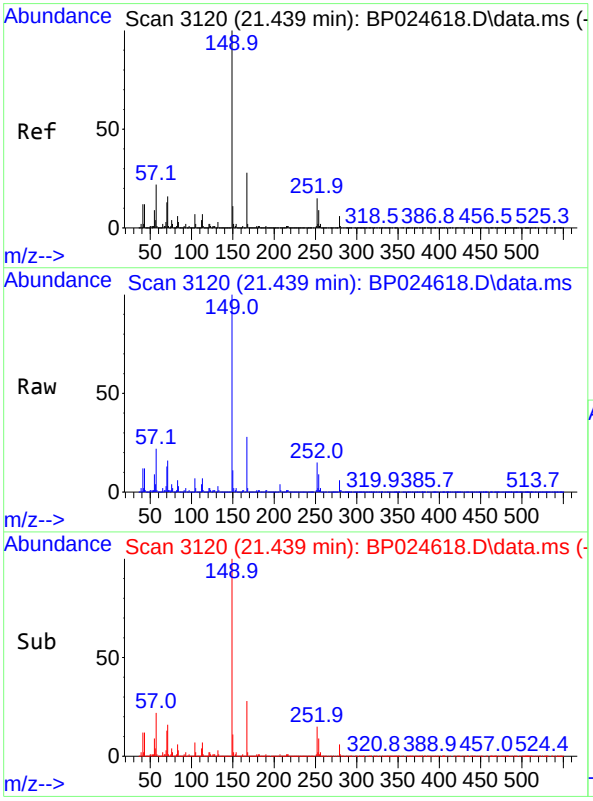
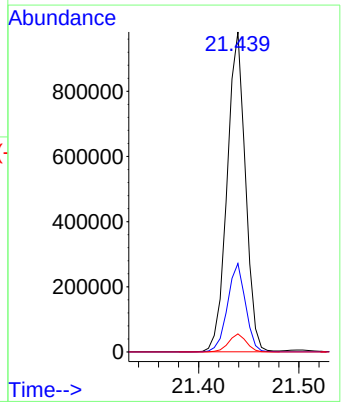
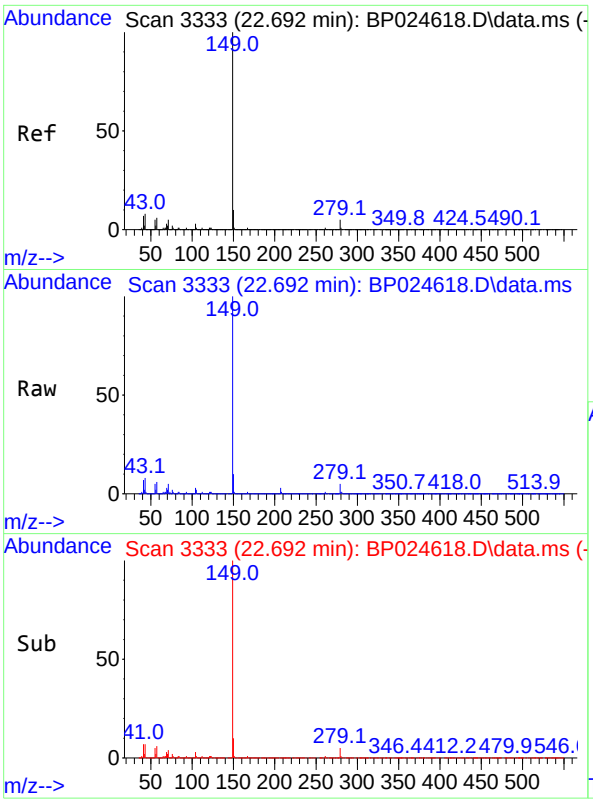


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.09 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 1240956

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8

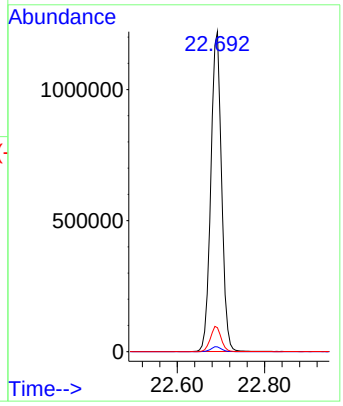




#85
Di-n-octyl phthalate
Concen: 39.97 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:149 Resp: 207469

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
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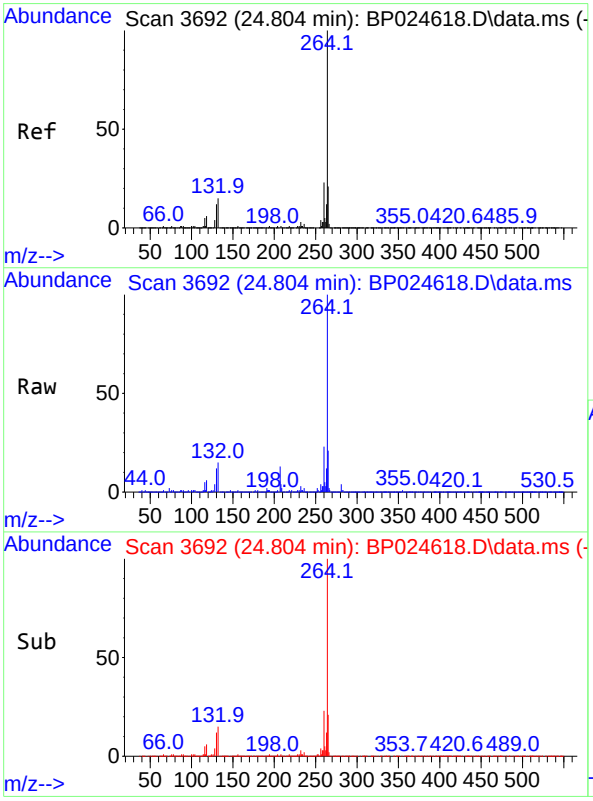
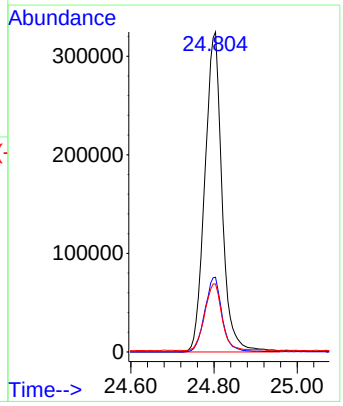
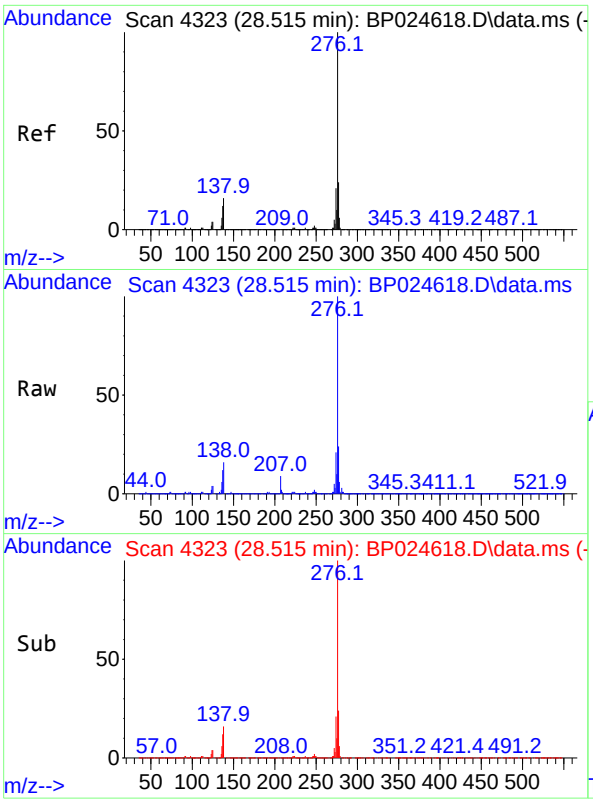


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:264 Resp: 929890

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	17.0	25.6

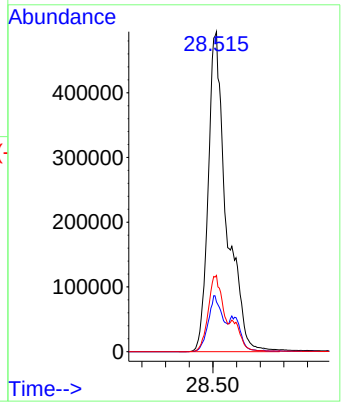




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.00 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:276 Resp: 264864

Ion	Ratio	Lower	Upper
276	100		
138	14.0	11.2	16.8
277	19.6	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
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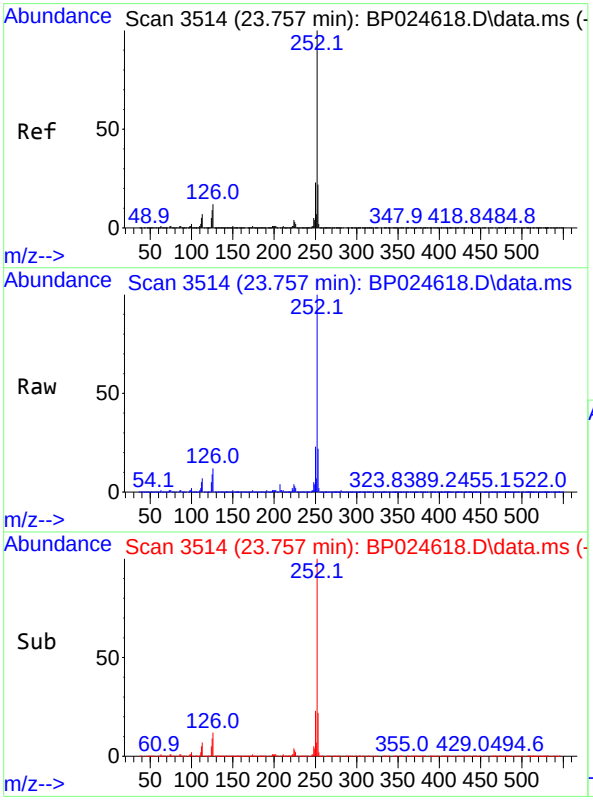
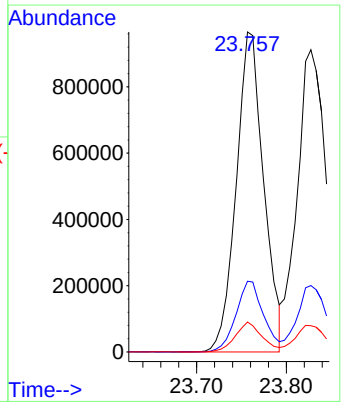
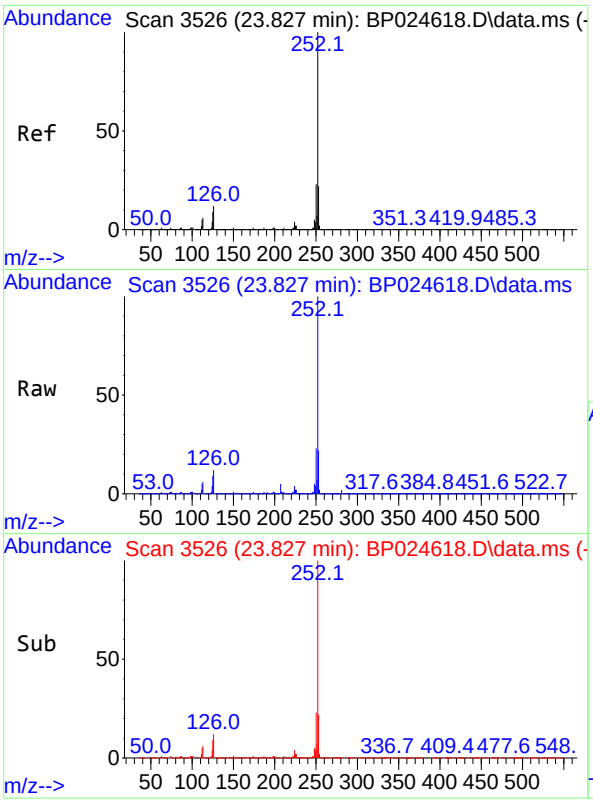


#88
Benzo(b)fluoranthene
Concen: 38.53 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 2050806

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.4	7.5	11.3

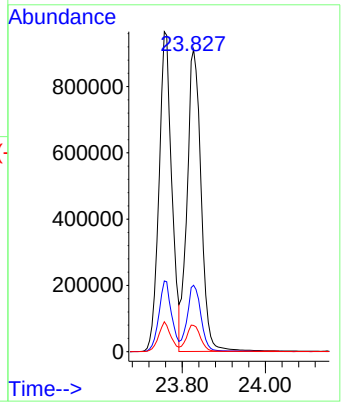




#89
Benzo(k)fluoranthene
Concen: 38.67 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 212072

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.7	7.0	10.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

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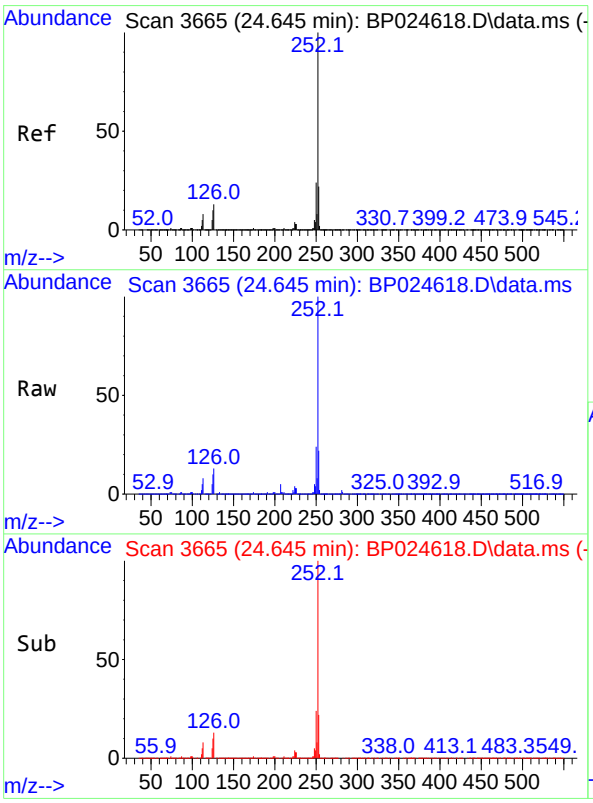
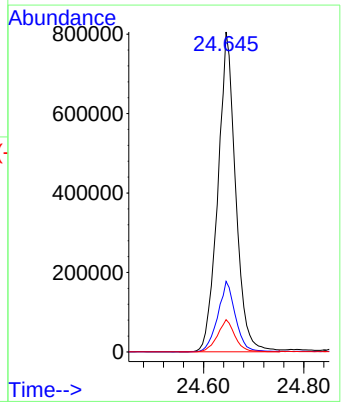
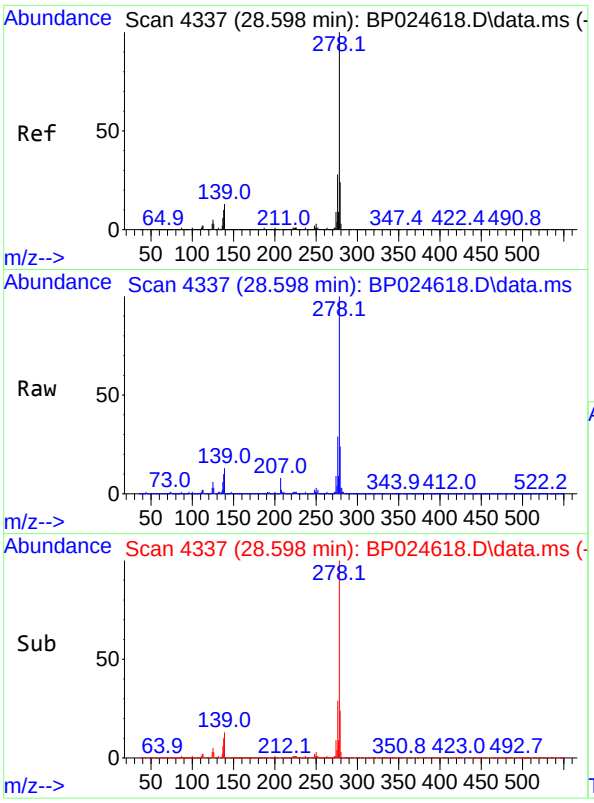


#90
Benzo(a)pyrene
Concen: 38.71 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:252 Resp: 1979017

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.1	8.1	12.1

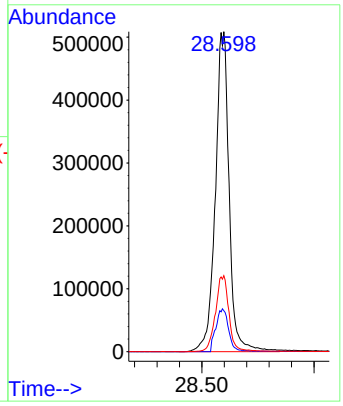




#91
Dibenzo(a,h)anthracene
Concen: 39.30 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:278 Resp: 217071

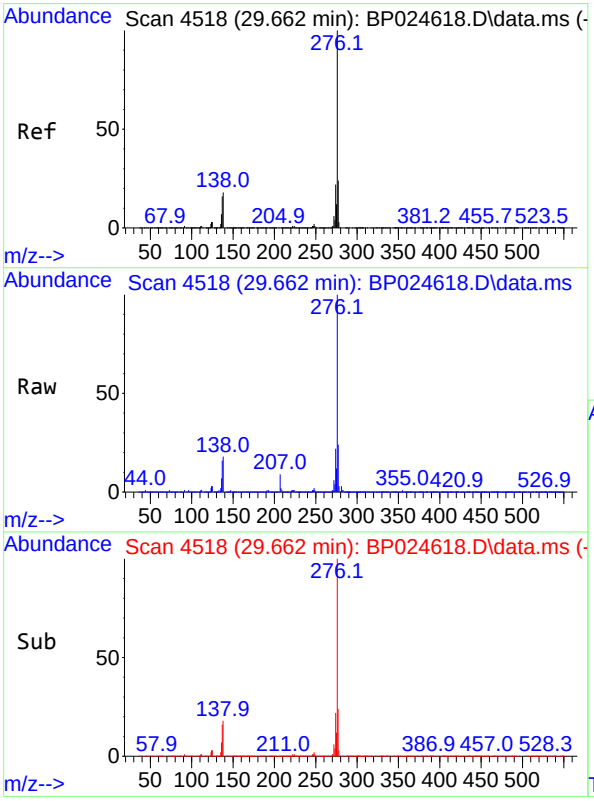
Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.2	15.4
279	23.7	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

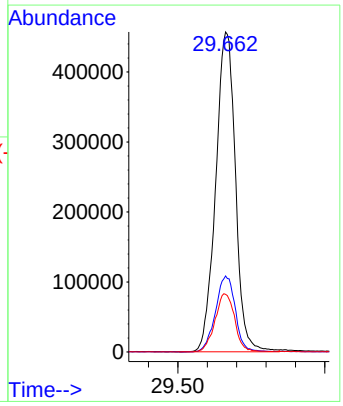
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 38.84 ng
RT: 29.662 min Scan# 4518
Delta R.T. 0.000 min
Lab File: BP024618.D
Acq: 13 May 2025 13:24

Tgt Ion:276 Resp: 2132921

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	18.0	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	111395	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	489806	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	318760	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	628781	20.00	ng		-0.01
76) Chrysene-d12	21.522	240	717340	20.00	ng		0.00
86) Perylene-d12	24.810	264	811421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	708626	108.80	ng		0.00
7) Phenol-d6	6.852	99	930484	111.94	ng		0.00
23) Nitrobenzene-d5	8.810	82	1049445	108.26	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	587523	108.72	ng		0.00
45) 2-Fluorobiphenyl	12.904	172	2553765	104.96	ng		0.00
79) Terphenyl-d14	19.822	244	4398872	105.15	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	156571	51.20	ng		98
3) Pyridine	3.622	79	379522	55.97	ng		99
4) n-Nitrosodimethylamine	3.534	42	161654	54.00	ng		99
6) Aniline	7.005	93	593141	55.27	ng		99
8) 2-Chlorophenol	7.240	128	408016	55.19	ng		99
9) Benzaldehyde	6.822	77	290405	54.06	ng		100
10) Phenol	6.881	94	475413	55.41	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	377787	53.59	ng		100
12) 1,3-Dichlorobenzene	7.552	146	451750	53.11	ng		99
13) 1,4-Dichlorobenzene	7.699	146	455796	53.28	ng		99
14) 1,2-Dichlorobenzene	8.010	146	439707	52.74	ng		100
15) Benzyl Alcohol	7.910	79	363689	57.58	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.181	45	450215	53.33	ng		98
17) 2-Methylphenol	8.110	107	347065	56.40	ng		98
18) Hexachloroethane	8.728	117	173580	52.95	ng		98
19) n-Nitroso-di-n-propyla...	8.463	70	318058	55.32	ng		99
20) 3+4-Methylphenols	8.440	107	474048	56.64	ng		98
22) Acetophenone	8.481	105	653878	53.44	ng	#	98
24) Nitrobenzene	8.852	77	456929	53.56	ng		99
25) Isophorone	9.375	82	921892	54.82	ng		99
26) 2-Nitrophenol	9.557	139	239844	57.38	ng		98
27) 2,4-Dimethylphenol	9.628	122	402585	54.62	ng		99
28) bis(2-Chloroethoxy)met...	9.852	93	542581	54.01	ng		100
29) 2,4-Dichlorophenol	10.099	162	400983	56.14	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	424561	52.75	ng		97
31) Naphthalene	10.481	128	1336265	52.65	ng		100
32) Benzoic acid	9.787	122	263657	50.71	ng		99
33) 4-Chloroaniline	10.599	127	569812	55.63	ng		99
34) Hexachlorobutadiene	10.769	225	271578	52.09	ng		99
35) Caprolactam	11.393	113	148586	57.53	ng		98
36) 4-Chloro-3-methylphenol	11.734	107	478787	54.97	ng		99
37) 2-Methylnaphthalene	12.093	142	873274	53.13	ng		99
38) 1-Methylnaphthalene	12.316	142	919827	52.31	ng		98
40) 1,2,4,5-Tetrachloroben...	12.469	216	497848	53.78	ng		100
41) Hexachlorocyclopentadiene	12.446	237	334752	59.64	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	341059	56.89	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

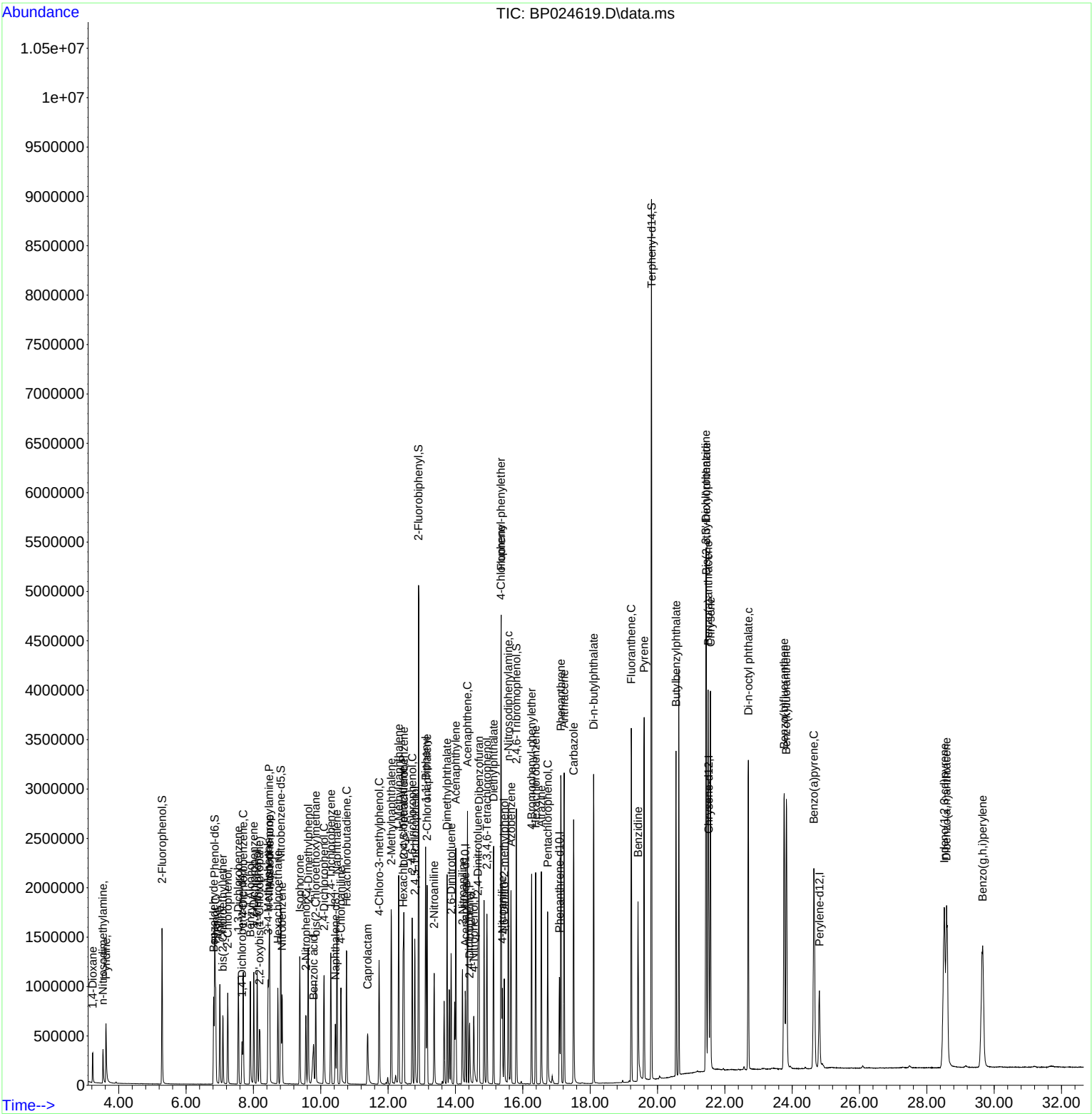
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	375330	56.24	ng	98
46) 1,1'-Biphenyl	13.116	154	1263640	53.64	ng	100
47) 2-Chloronaphthalene	13.157	162	952857	53.04	ng	99
48) 2-Nitroaniline	13.369	65	303475	57.06	ng	99
49) Acenaphthylene	14.010	152	1616938	53.79	ng	100
50) Dimethylphthalate	13.751	163	1283491	52.83	ng	99
51) 2,6-Dinitrotoluene	13.875	165	281728	54.91	ng	99
52) Acenaphthene	14.357	154	923238	53.42	ng	100
53) 3-Nitroaniline	14.210	138	302341	57.71	ng	99
54) 2,4-Dinitrophenol	14.422	184	159888	51.86	ng	98
55) Dibenzofuran	14.698	168	1447333	52.50	ng	99
56) 4-Nitrophenol	14.545	139	238294	53.99	ng	99
57) 2,4-Dinitrotoluene	14.669	165	404684	55.94	ng	98
58) Fluorene	15.357	166	1190632	52.97	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	341204	55.11	ng	100
60) Diethylphthalate	15.134	149	1305791	53.18	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	590421	52.67	ng	97
62) 4-Nitroaniline	15.392	138	298681	58.55	ng	99
63) Azobenzene	15.651	77	1121556	53.39	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	234095	57.64	ng	98
66) n-Nitrosodiphenylamine	15.569	169	1048396	54.28	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	396385	53.50	ng	99
68) Hexachlorobenzene	16.381	284	504987	53.64	ng	99
69) Atrazine	16.551	200	389749	55.07	ng	100
70) Pentachlorophenol	16.739	266	310477	58.71	ng	98
71) Phenanthrene	17.128	178	1838891	52.61	ng	100
72) Anthracene	17.228	178	1894573	53.87	ng	100
73) Carbazole	17.510	167	1750681	55.00	ng	100
74) Di-n-butylphthalate	18.104	149	2275163	55.58	ng	100
75) Fluoranthene	19.222	202	2199818	53.84	ng	100
77) Benzidine	19.422	184	1178505	59.85	ng	99
78) Pyrene	19.604	202	2282702	53.11	ng	100
80) Butylbenzylphthalate	20.551	149	1083395	56.68	ng	97
81) Benzo(a)anthracene	21.504	228	2396398	53.20	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	966906	57.80	ng	100
83) Chrysene	21.574	228	2250800	52.71	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1585070	56.42	ng	100
85) Di-n-octyl phthalate	22.698	149	2614856	56.91	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	3262830	55.06	ng	99
88) Benzo(b)fluoranthene	23.763	252	2612438	56.25	ng	99
89) Benzo(k)fluoranthene	23.827	252	2552663	53.34	ng	99
90) Benzo(a)pyrene	24.645	252	2475976	55.51	ng	100
91) Dibenzo(a,h)anthracene	28.586	278	2679367	55.60	ng	99
92) Benzo(g,h,i)perylene	29.656	276	2625625	54.79	ng	99

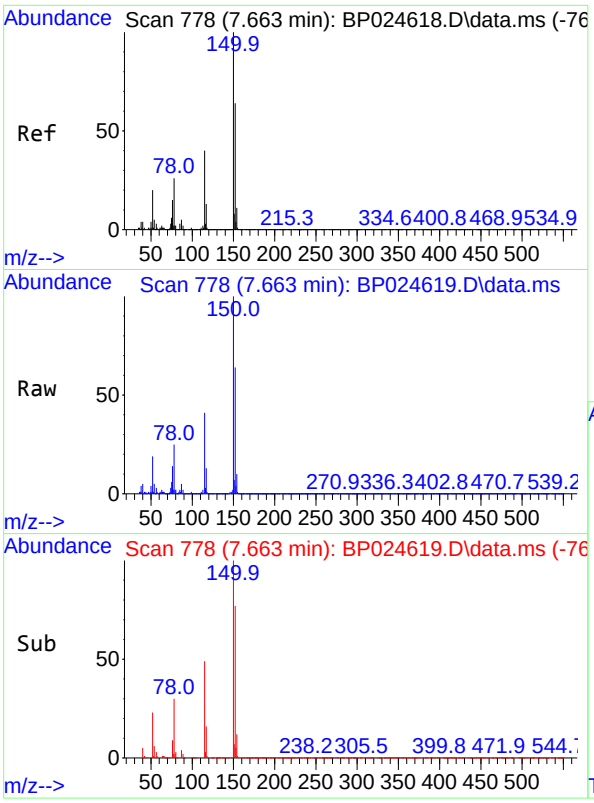
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024619.D
Acq On : 13 May 2025 14:05
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: May 13 16:07:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



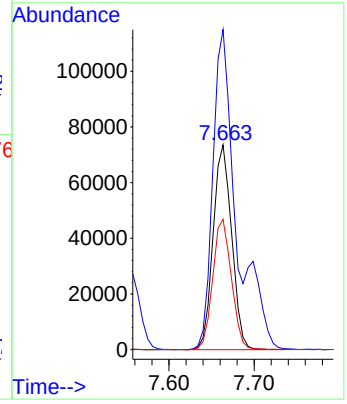


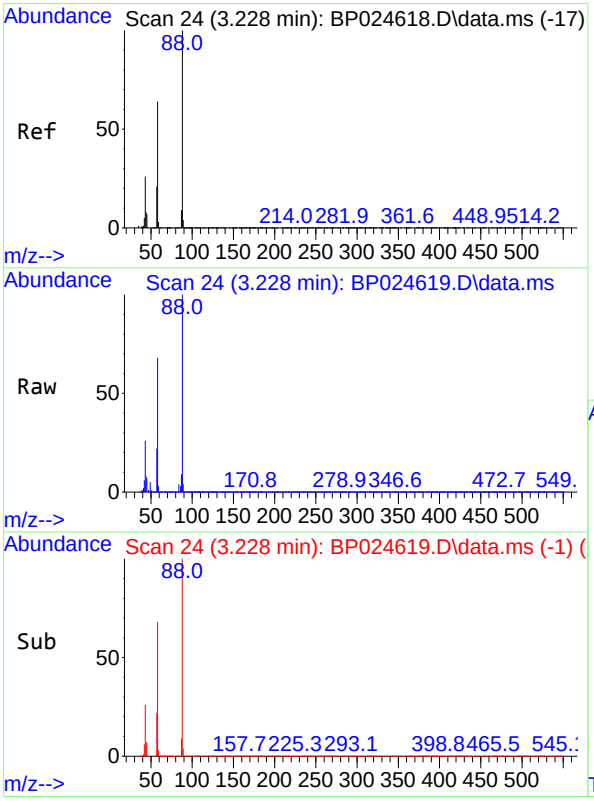
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 111395

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	63.6	50.1	75.1

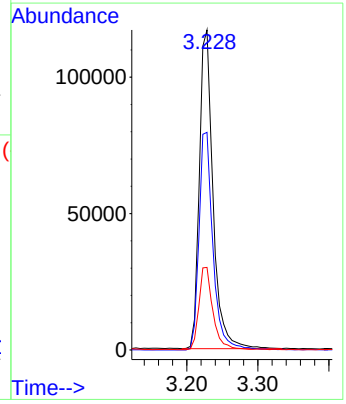


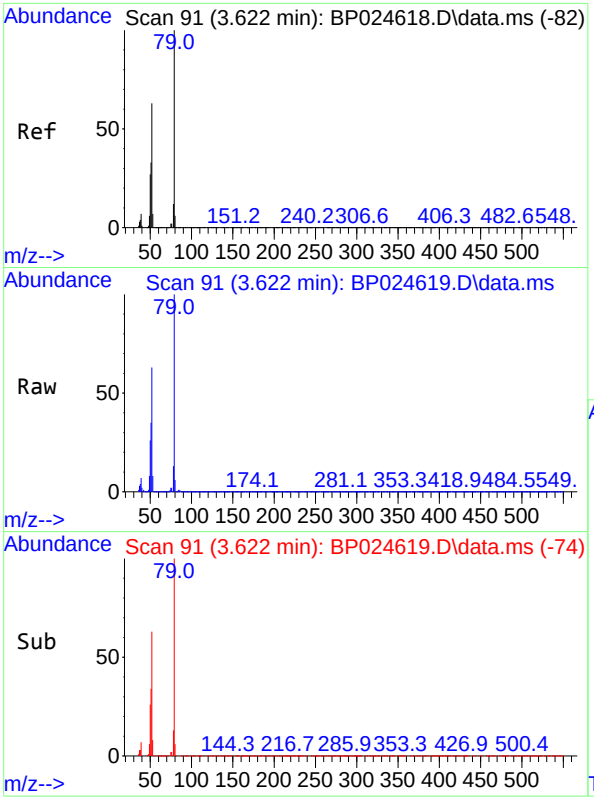


#2
1,4-Dioxane
Concen: 51.20 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 88 Resp: 156571

Ion	Ratio	Lower	Upper
88	100		
58	70.0	54.0	81.0
43	26.5	21.4	32.0



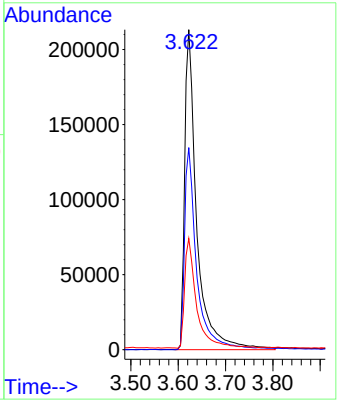


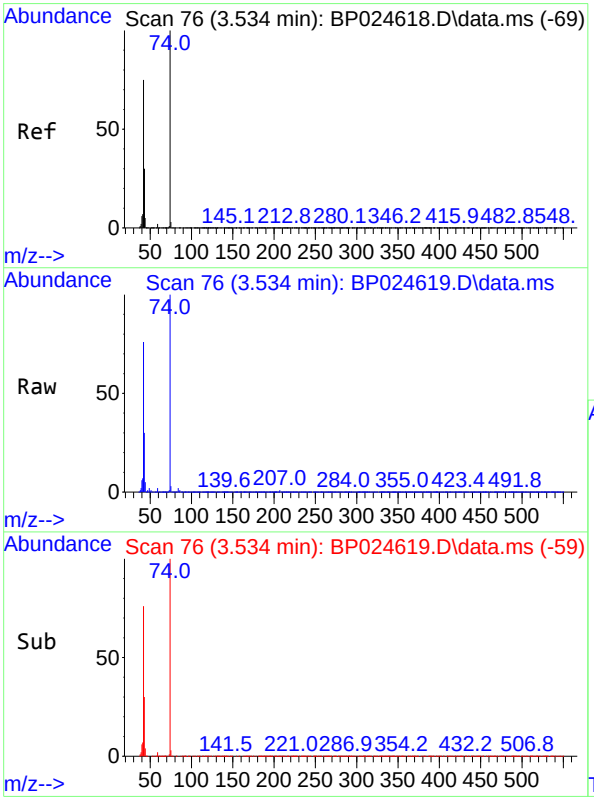
#3
Pyridine
Concen: 55.97 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 379522

Ion	Ratio	Lower	Upper
79	100		
52	63.2	50.2	75.2
51	34.8	26.8	40.2

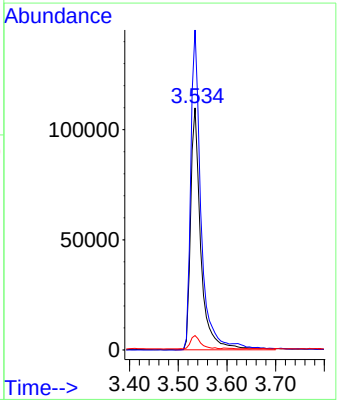


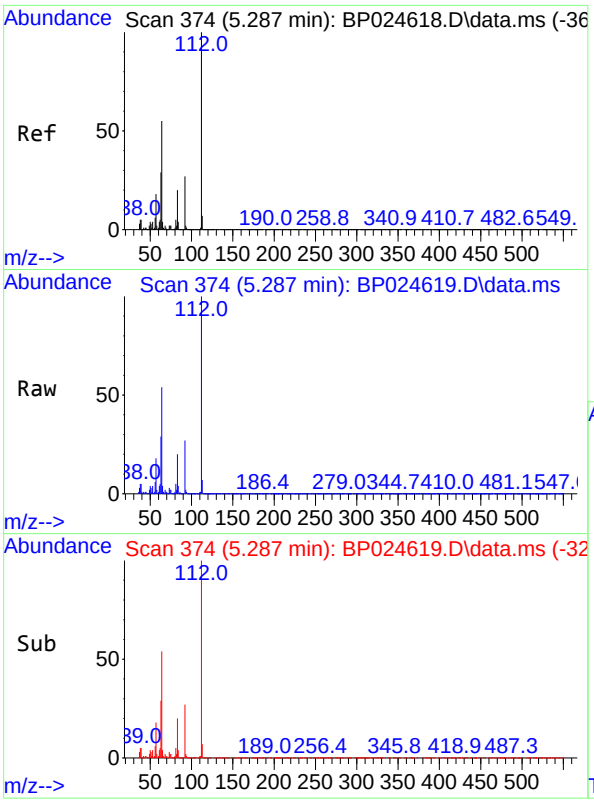


#4
n-Nitrosodimethylamine
Concen: 54.00 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 42 Resp: 161654

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2



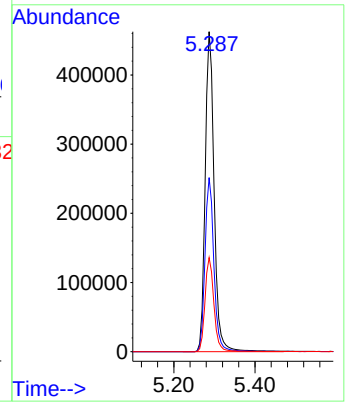


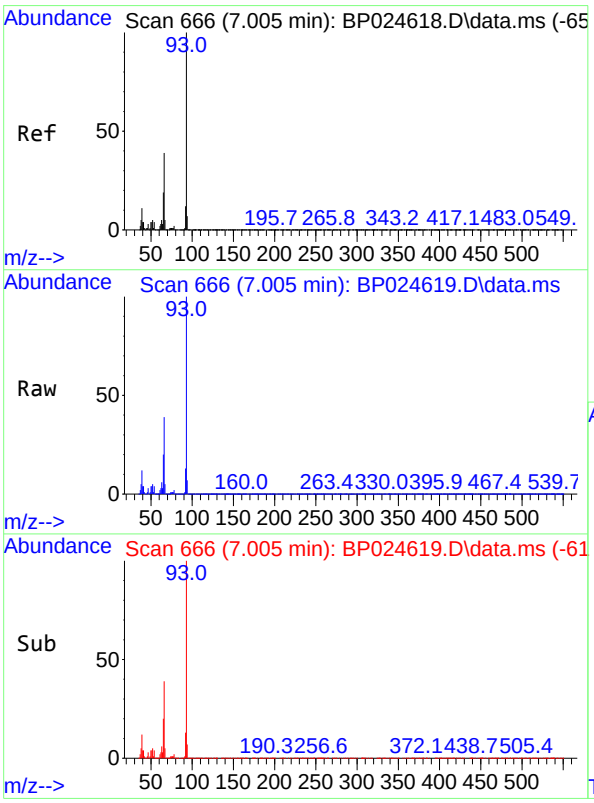
#5
2-Fluorophenol
Concen: 108.80 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 708626

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.1	66.1
63	29.4	23.5	35.3

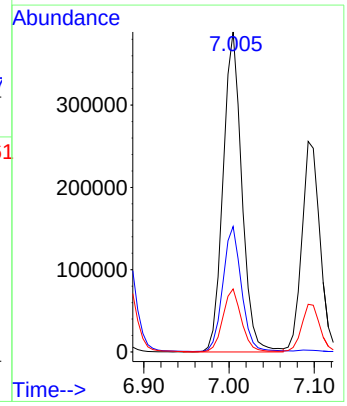


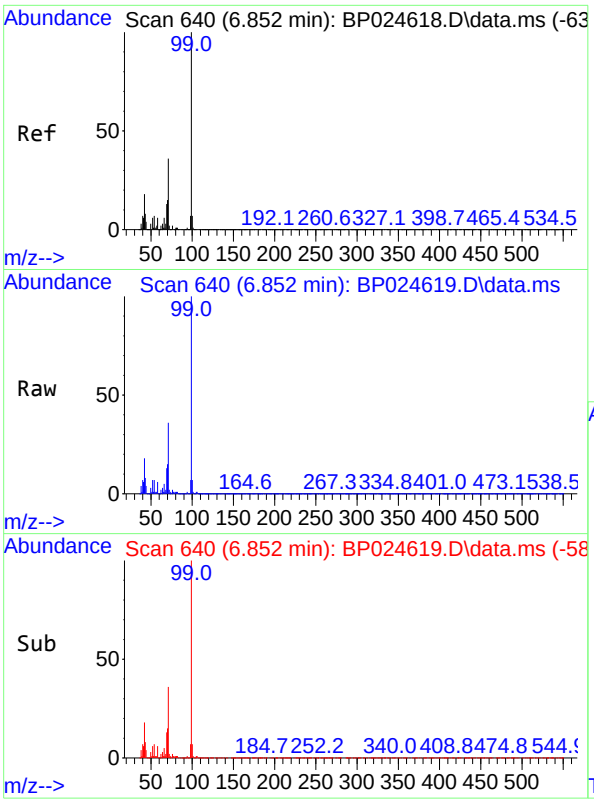


#6
Aniline
Concen: 55.27 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 593141

Ion	Ratio	Lower	Upper
93	100		
66	39.2	31.0	46.6
65	19.7	15.5	23.3



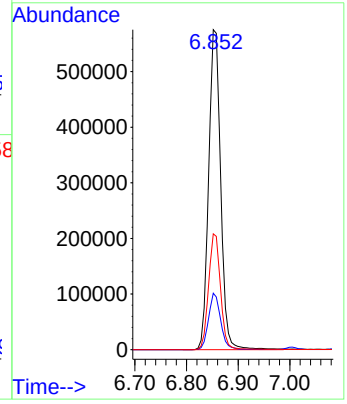


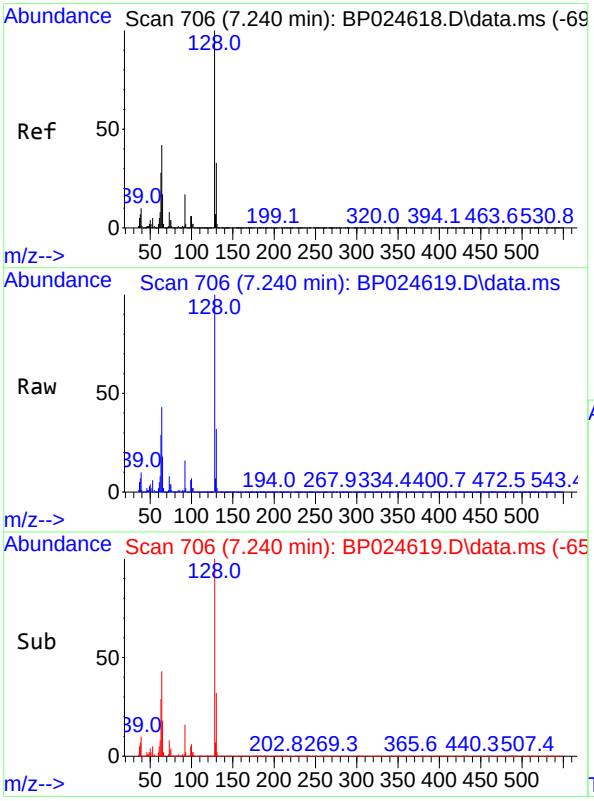
#7
Phenol-d6
Concen: 111.94 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 930484

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.4	21.6
71	36.2	29.2	43.8

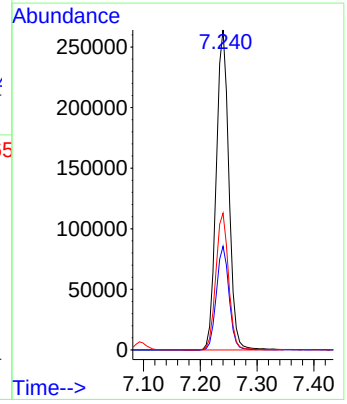


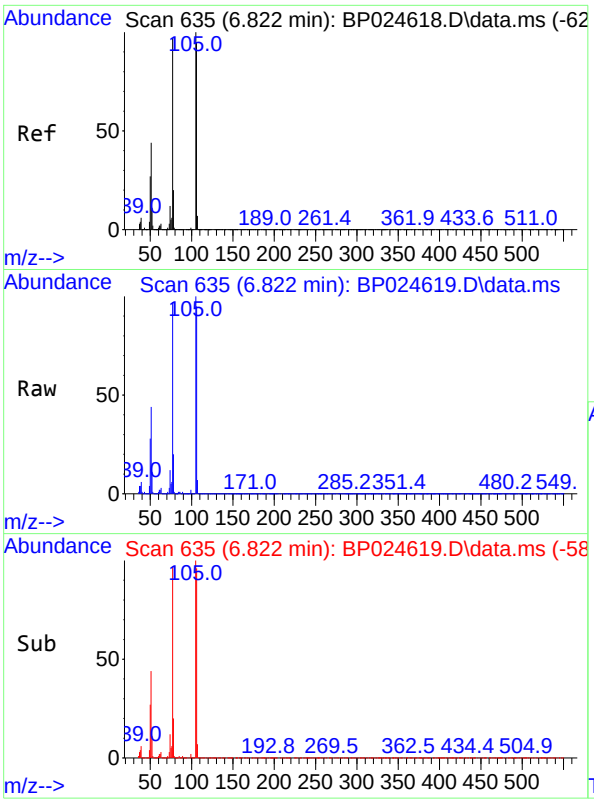


#8
2-Chlorophenol
Concen: 55.19 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:128 Resp: 408016

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	42.8	22.3	62.3



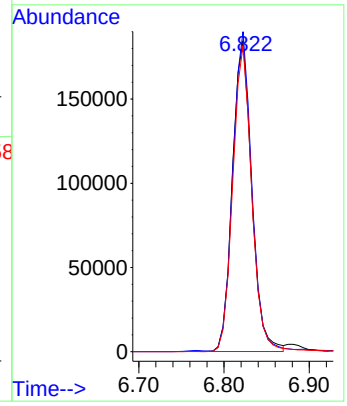


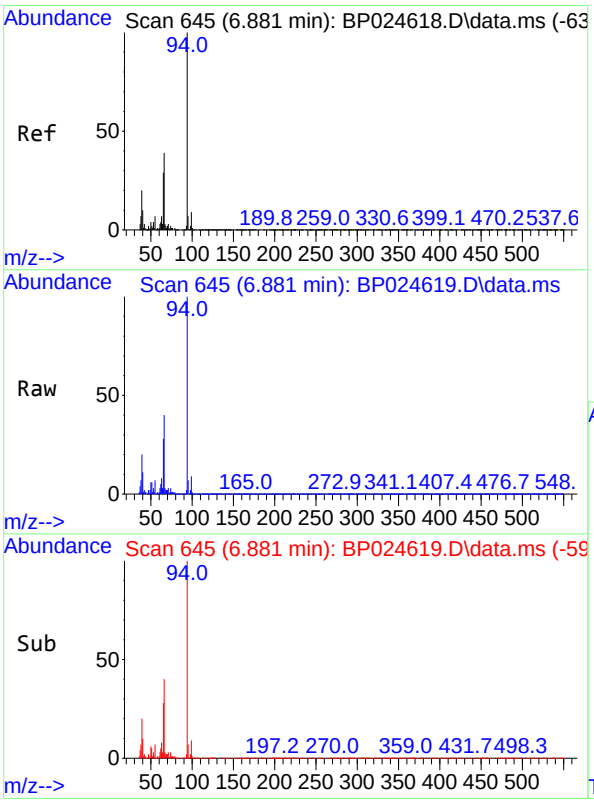
#9
Benzaldehyde
Concen: 54.06 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 290405

Ion	Ratio	Lower	Upper
77	100		
105	103.0	83.3	123.3
106	98.4	78.0	118.0

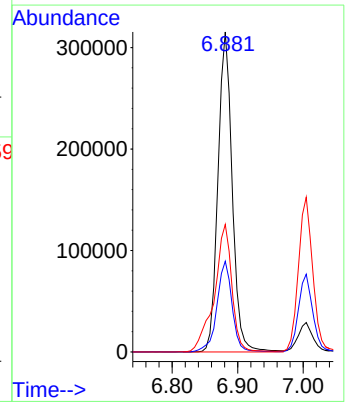


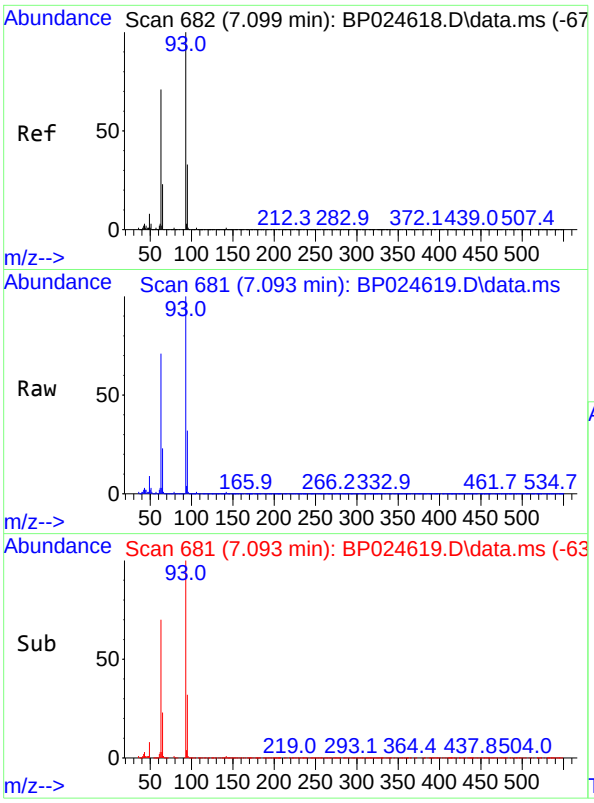


#10
Phenol
Concen: 55.41 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 94 Resp: 475413

Ion	Ratio	Lower	Upper
94	100		
65	28.3	8.7	48.7
66	39.9	19.4	59.4



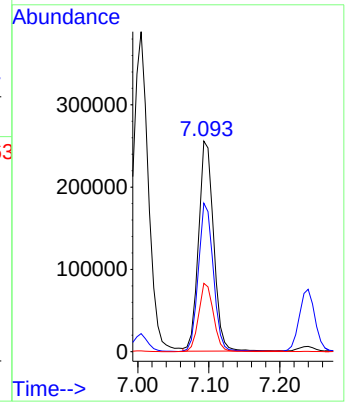


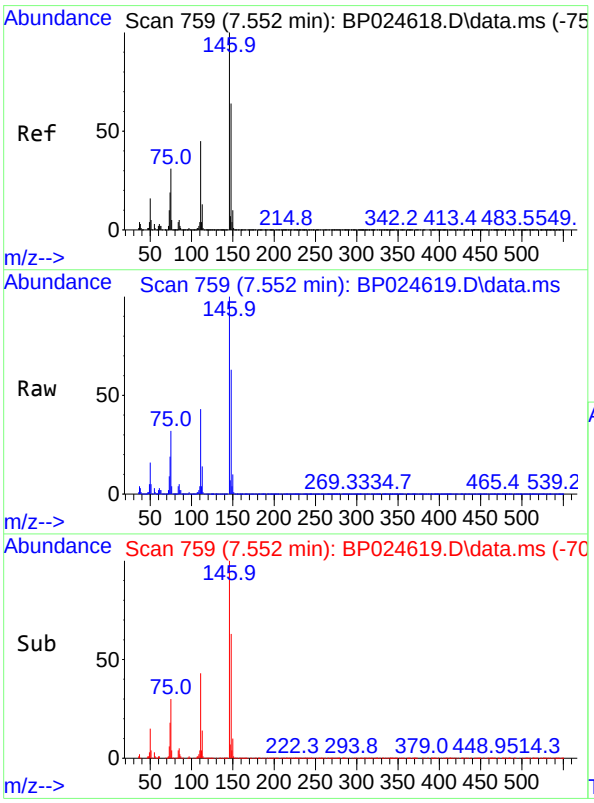
#11
bis(2-Chloroethyl)ether
Concen: 53.59 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 377787

Ion	Ratio	Lower	Upper
93	100		
63	70.5	50.6	90.6
95	32.5	12.9	52.9

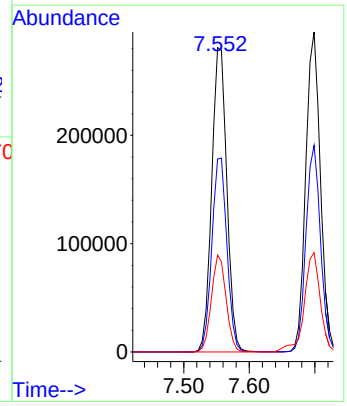


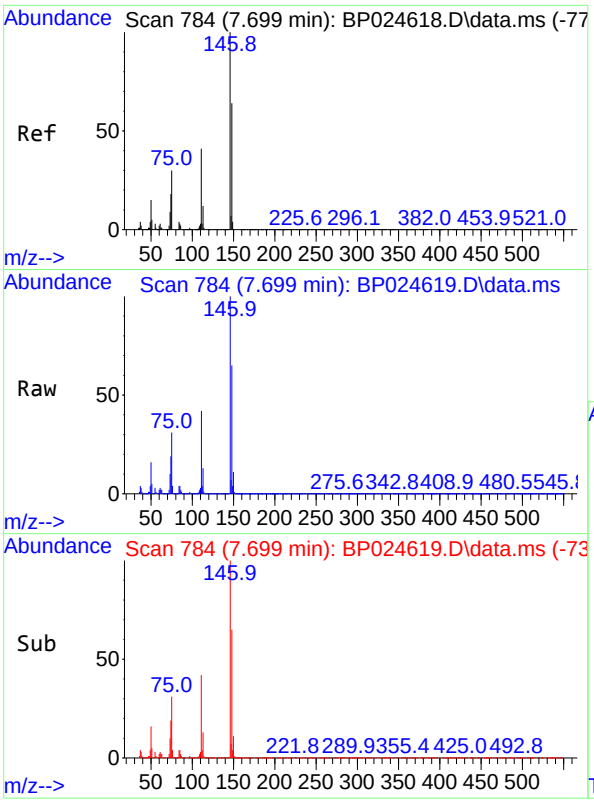


#12
1,3-Dichlorobenzene
Concen: 53.11 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 451750

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.2
75	31.9	25.2	37.8



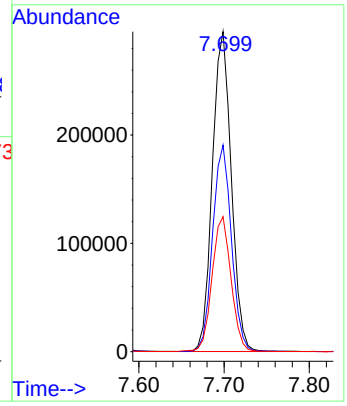


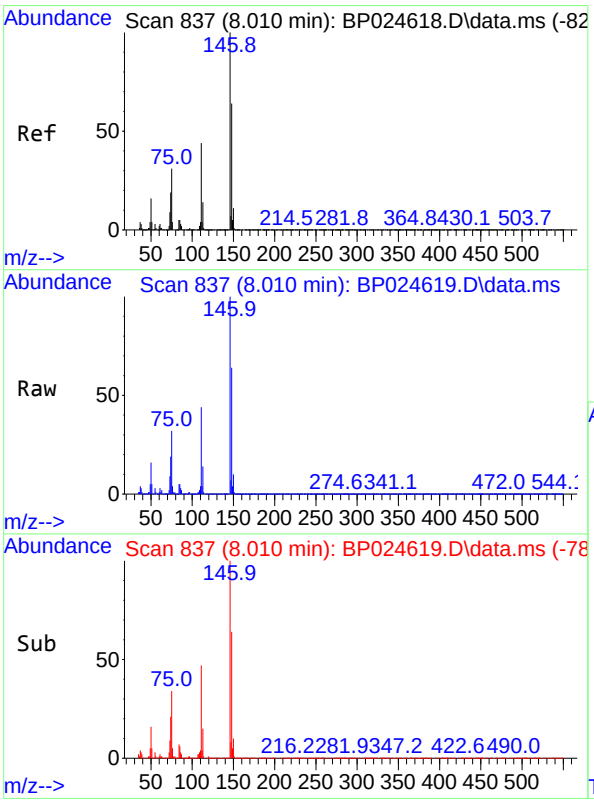
#13
1,4-Dichlorobenzene
Concen: 53.28 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 455796

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	42.2	33.0	49.6

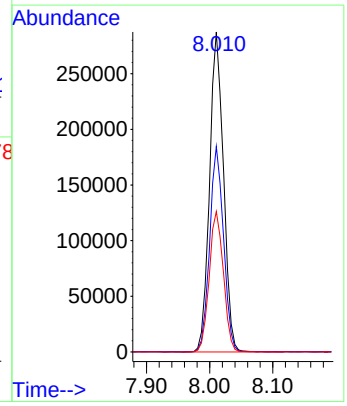


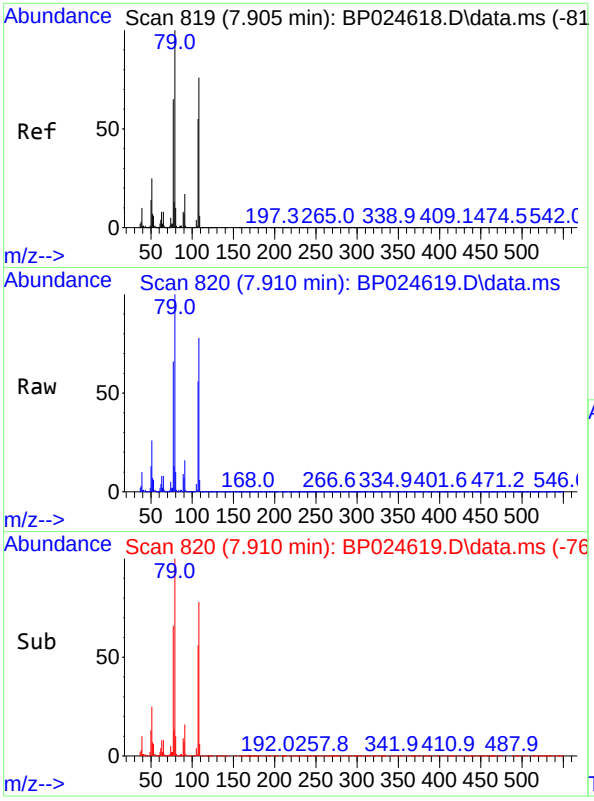


#14
1,2-Dichlorobenzene
Concen: 52.74 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:146 Resp: 439707

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	43.9	35.2	52.8



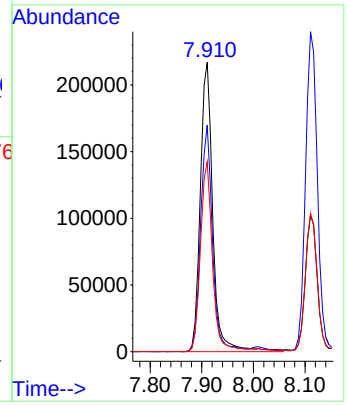


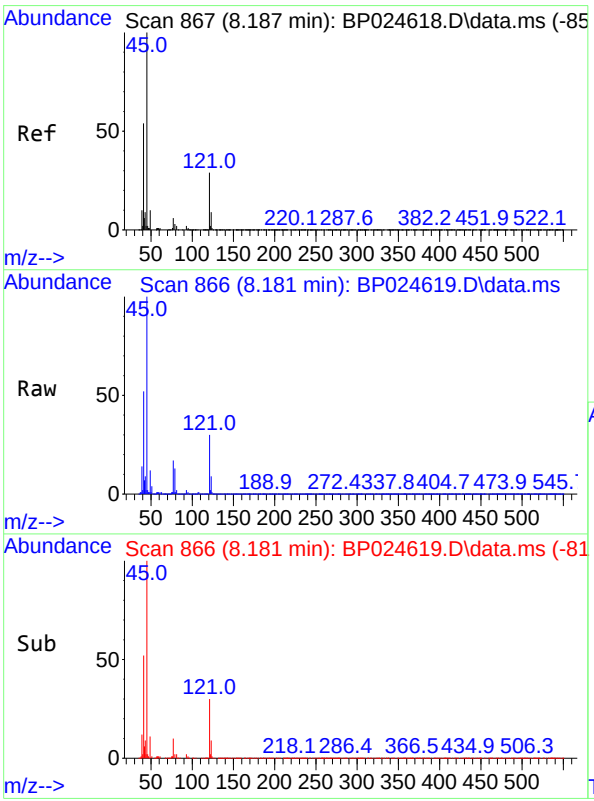
#15
Benzyl Alcohol
Concen: 57.58 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 363689

Ion	Ratio	Lower	Upper
79	100		
108	78.2	60.8	91.2
77	65.6	51.9	77.9

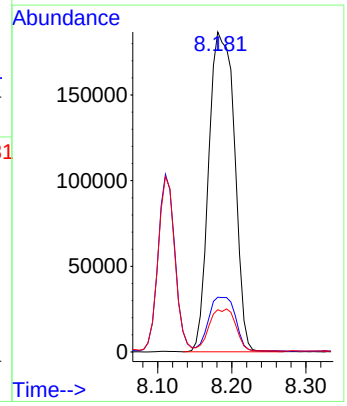


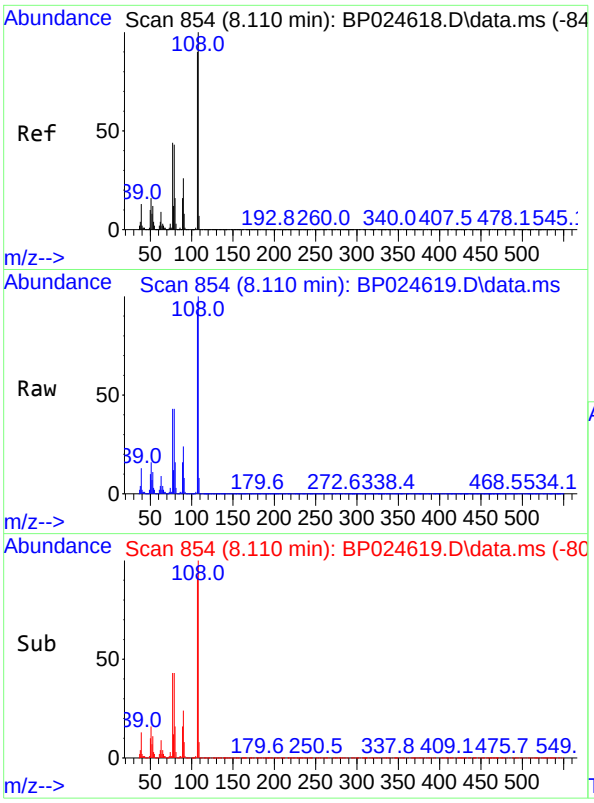


#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.33 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 45 Resp: 450215

Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	37.7
79	13.2	0.0	34.0



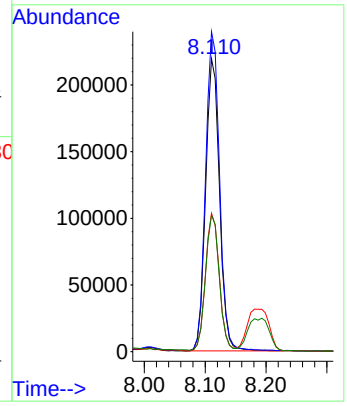


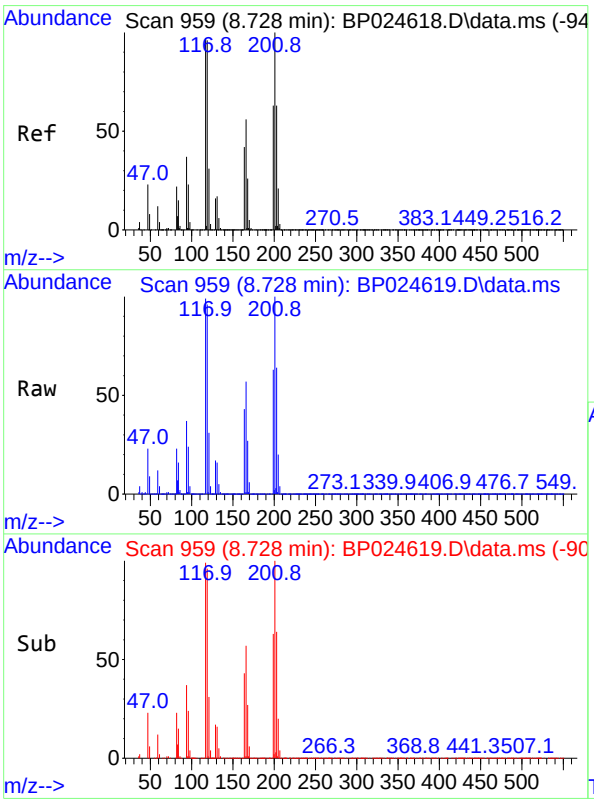
#17
2-Methylphenol
Concen: 56.40 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 347065

Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.9	133.3
77	47.2	39.0	58.6
79	46.6	38.4	57.6

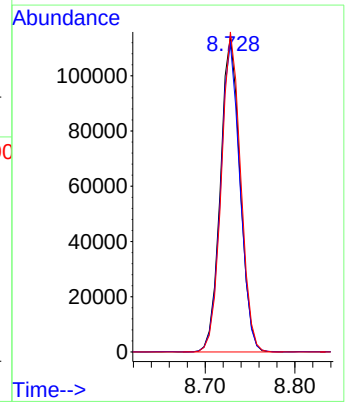


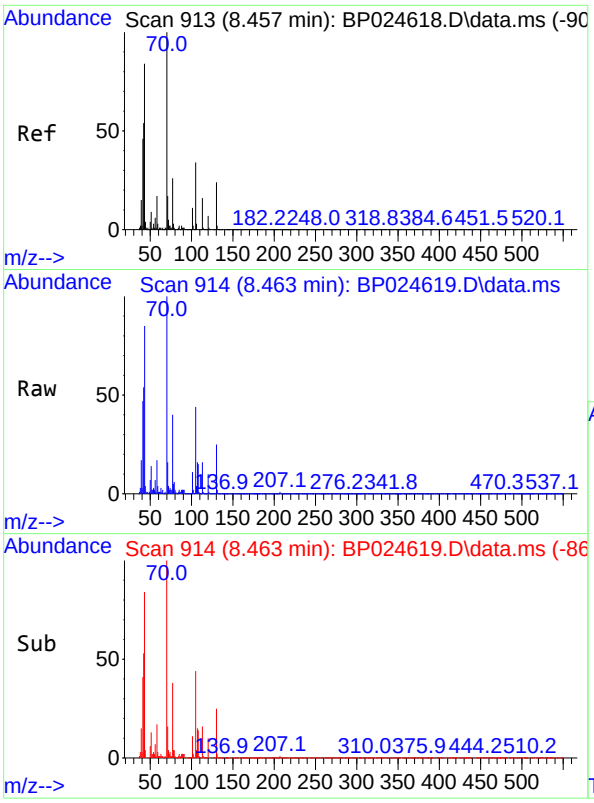


#18
Hexachloroethane
Concen: 52.95 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:117 Resp: 173580

Ion	Ratio	Lower	Upper
117	100		
119	97.5	79.4	119.0
201	101.3	82.7	124.1



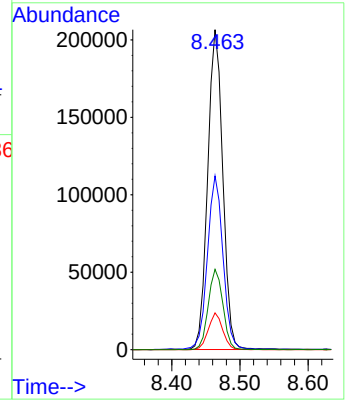


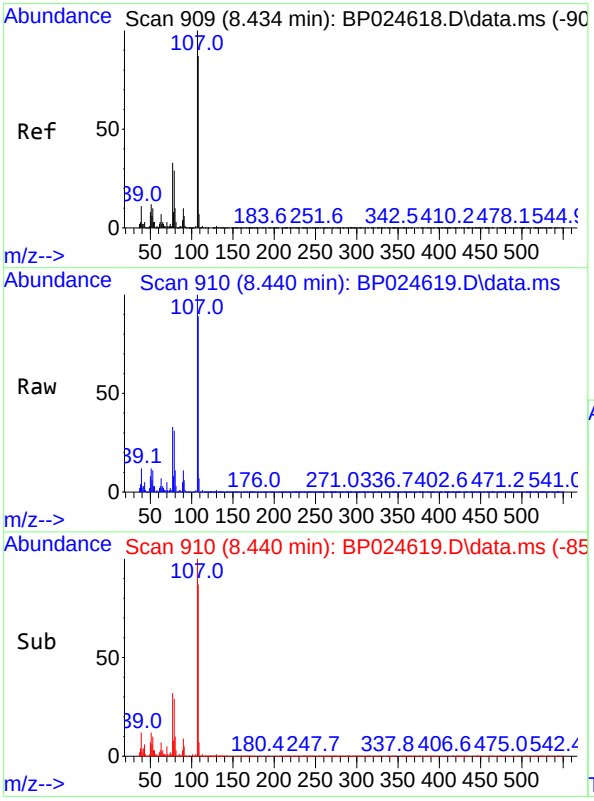
#19
n-Nitroso-di-n-propylamine
Concen: 55.32 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 318058

Ion	Ratio	Lower	Upper
70	100		
42	54.3	43.0	64.6
101	11.5	8.7	13.1
130	25.1	19.4	29.0

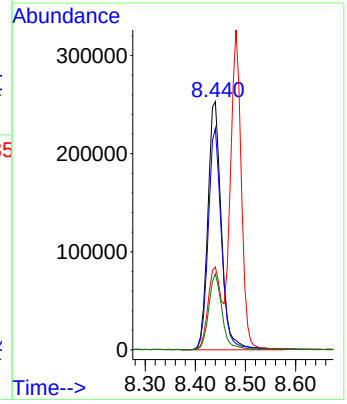


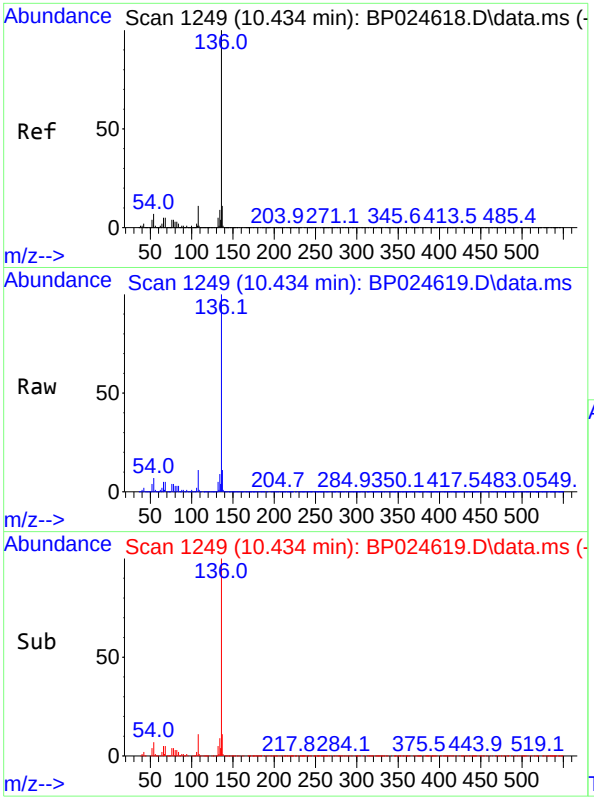


#20
3+4-Methylphenols
Concen: 56.64 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 474048

Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.7	106.7
77	33.4	13.1	53.1
79	30.7	8.9	48.9



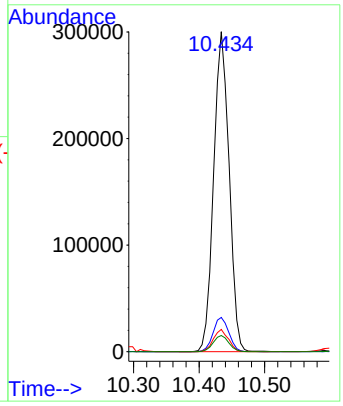


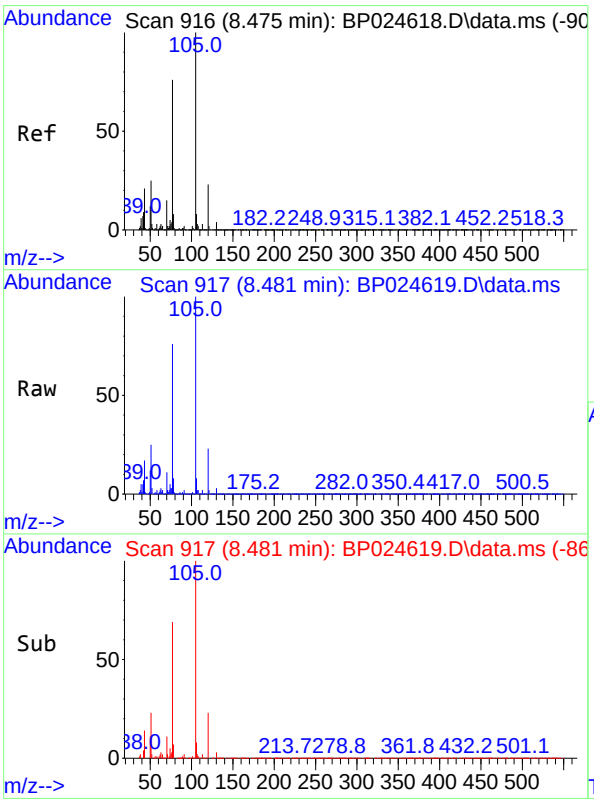
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 489806

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.5	8.3
68	5.0	4.2	6.2

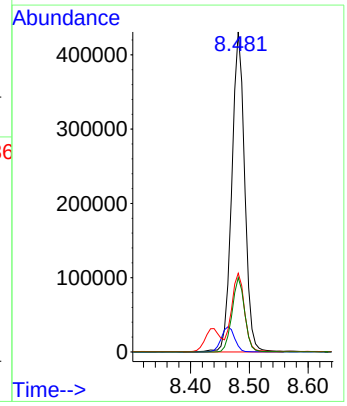


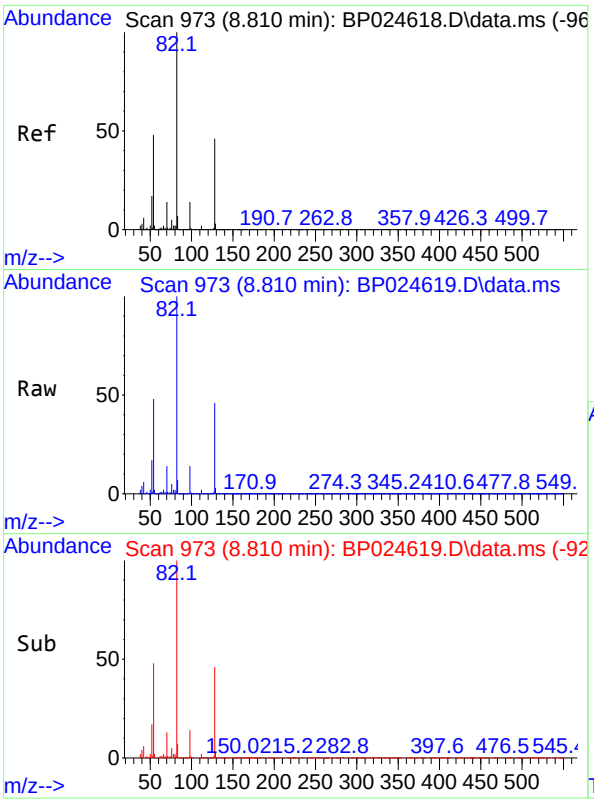


#22
Acetophenone
Concen: 53.44 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:105 Resp: 653878

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.6	20.4	30.6
120	23.2	18.1	27.1



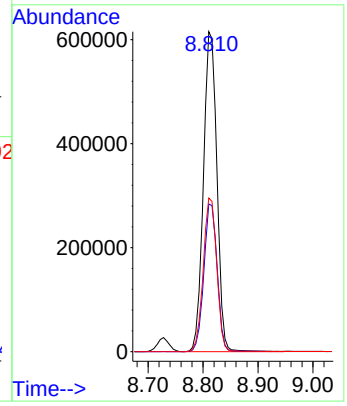


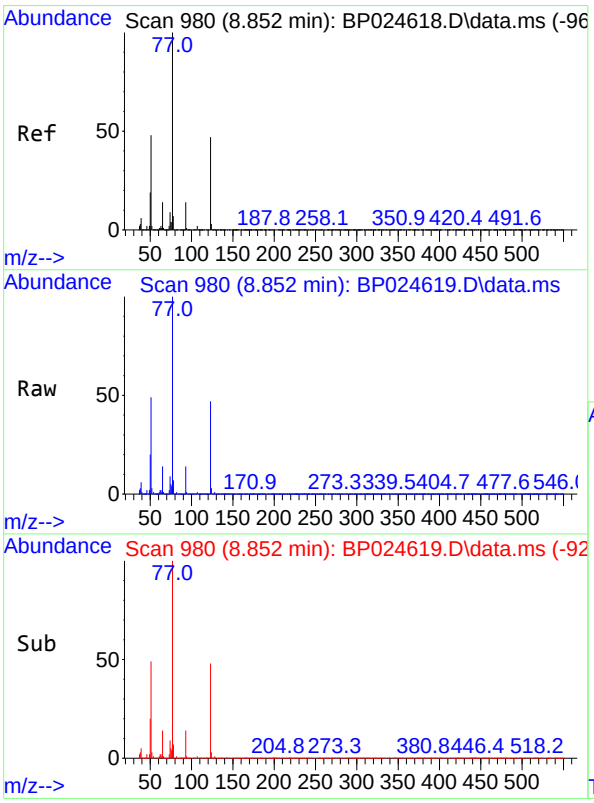
#23
Nitrobenzene-d5
Concen: 108.26 ng
RT: 8.810 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 1049445

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.4
54	48.0	38.7	58.1

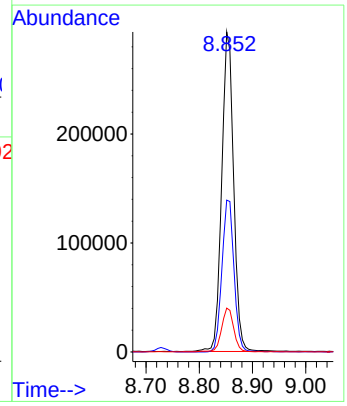


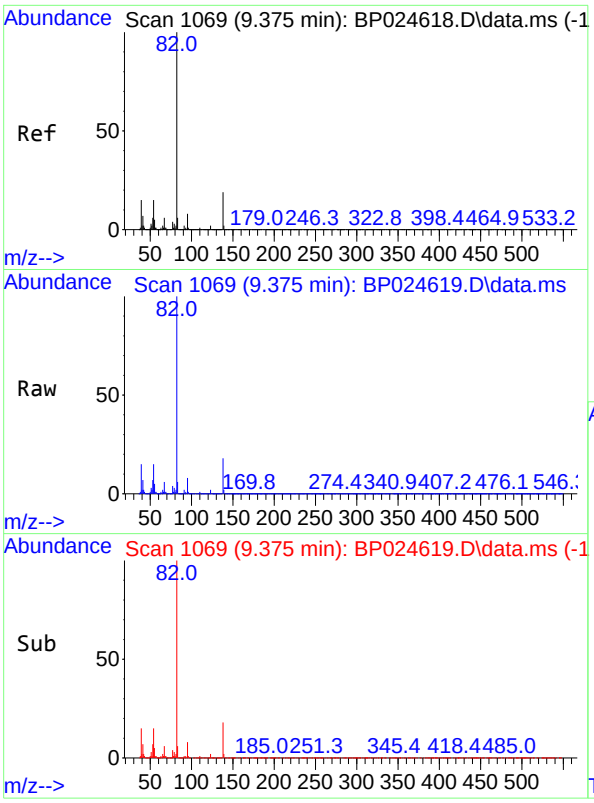


#24
Nitrobenzene
Concen: 53.56 ng
RT: 8.852 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 77 Resp: 456929

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.4	56.0
65	13.7	11.3	16.9



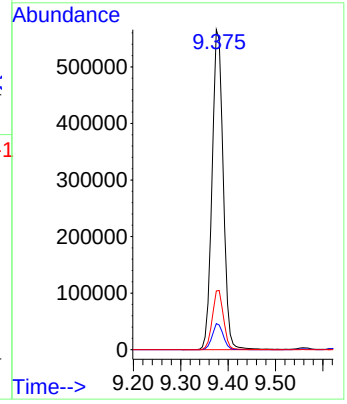


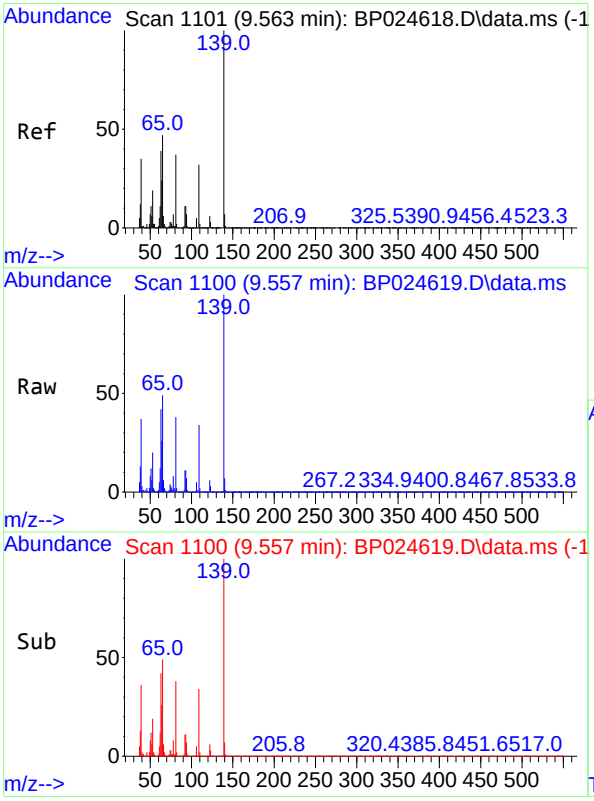
#25
Isophorone
Concen: 54.82 ng
RT: 9.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 921892

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.3	15.3	22.9

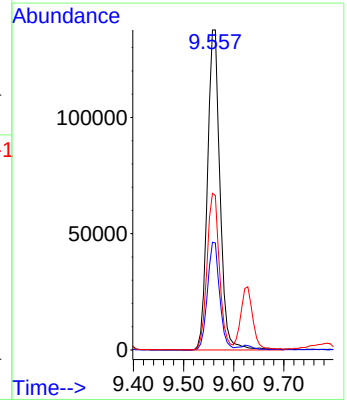


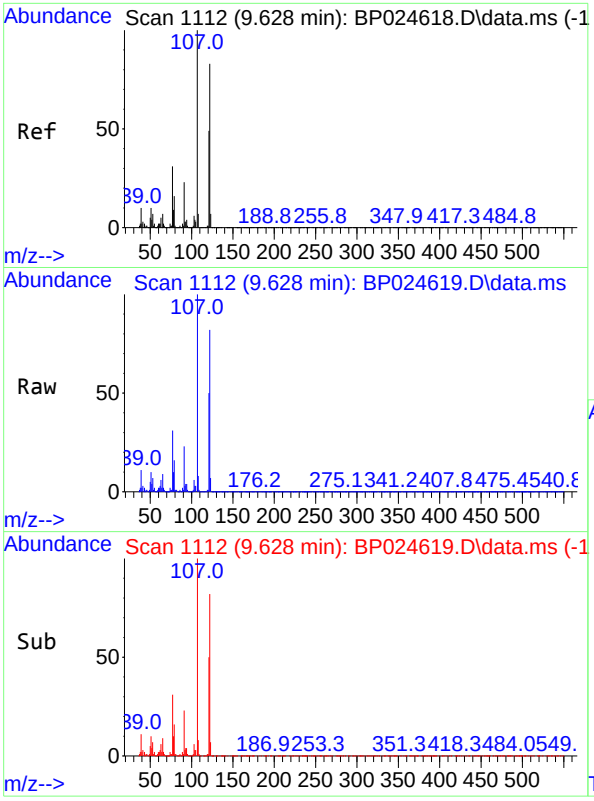


#26
2-Nitrophenol
Concen: 57.38 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 239844

Ion	Ratio	Lower	Upper
139	100		
109	33.6	25.9	38.9
65	49.0	37.9	56.9



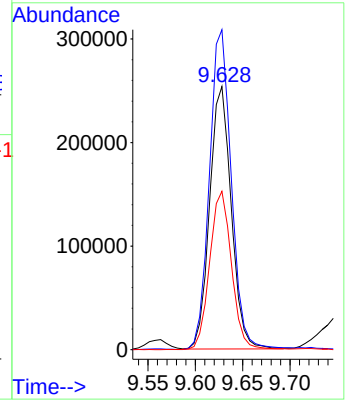


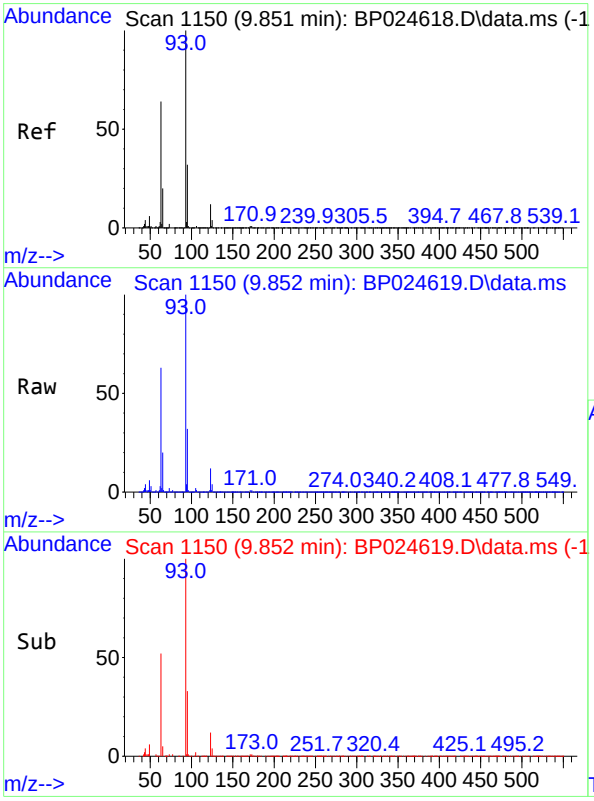
#27
2,4-Dimethylphenol
Concen: 54.62 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 402585

Ion	Ratio	Lower	Upper
122	100		
107	121.6	96.2	144.2
121	60.2	47.6	71.4

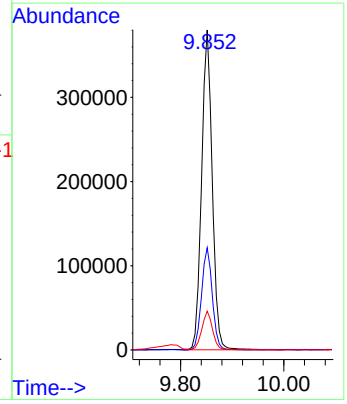


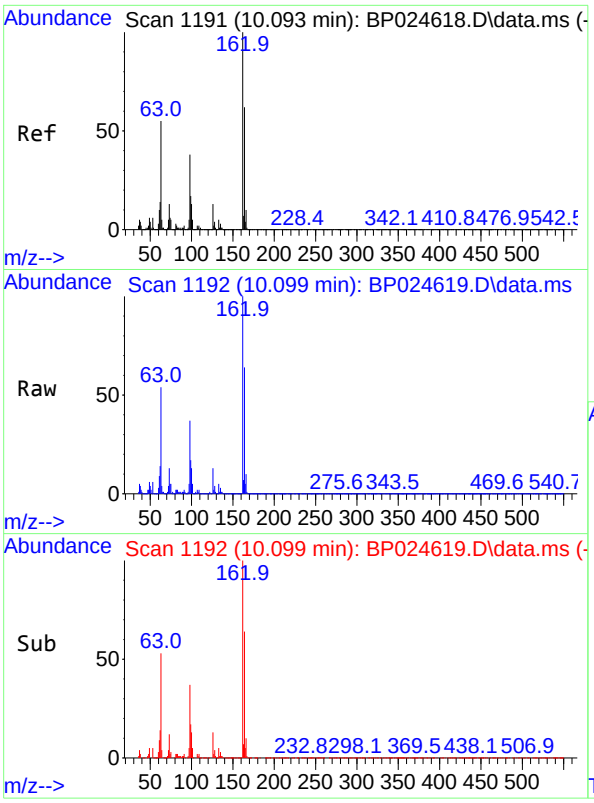


#28
bis(2-Chloroethoxy)methane
Concen: 54.01 ng
RT: 9.852 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 93 Resp: 542581

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.2	9.7	14.5



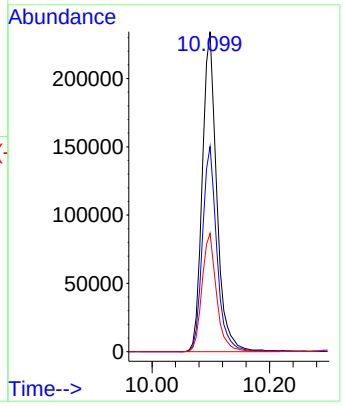


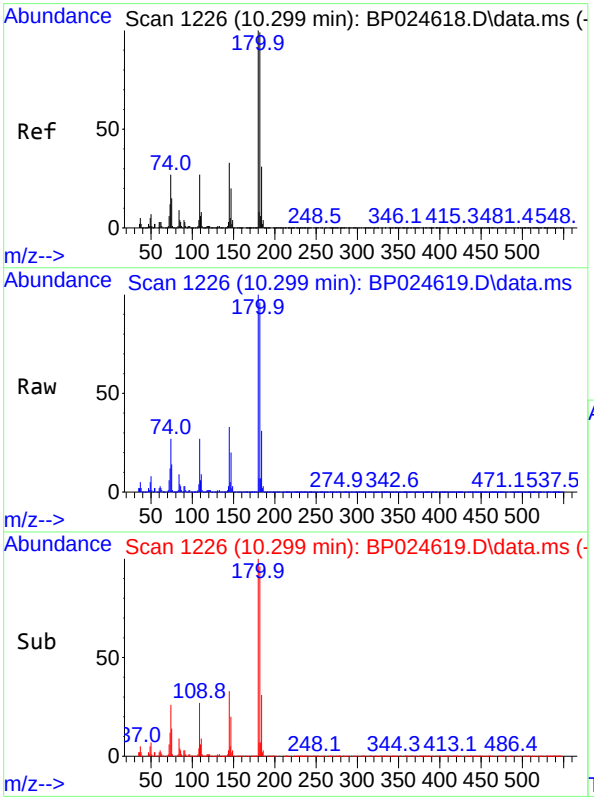
#29
2,4-Dichlorophenol
Concen: 56.14 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 400983

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	37.0	18.4	58.4

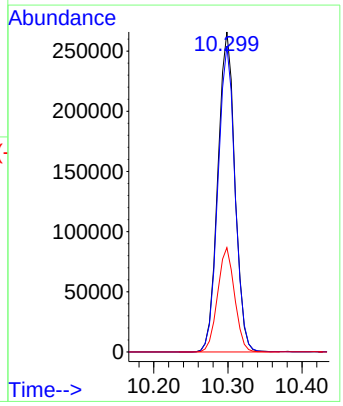


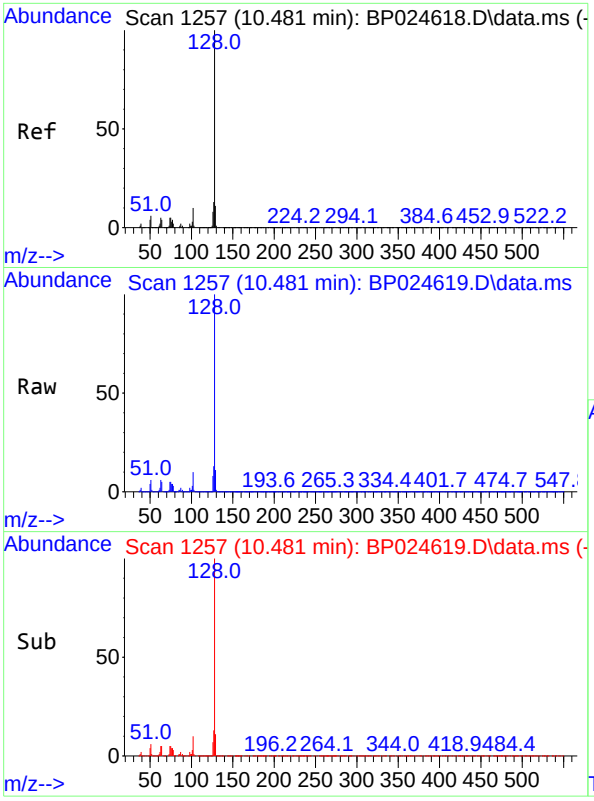


#30
1,2,4-Trichlorobenzene
Concen: 52.75 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:180 Resp: 424561

Ion	Ratio	Lower	Upper
180	100		
182	95.5	79.0	118.4
145	32.6	26.6	39.8



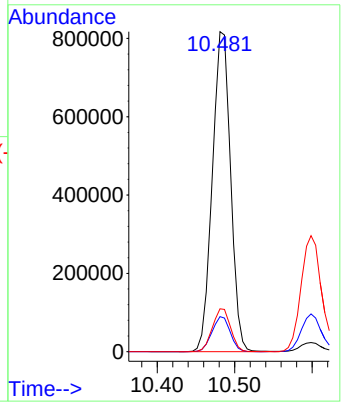


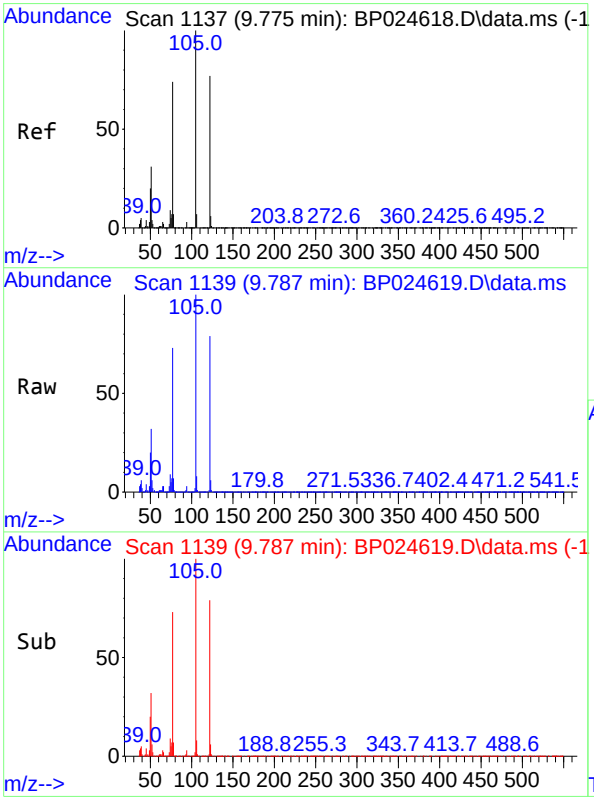
#31
Naphthalene
Concen: 52.65 ng
RT: 10.481 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1336265

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.7	16.1

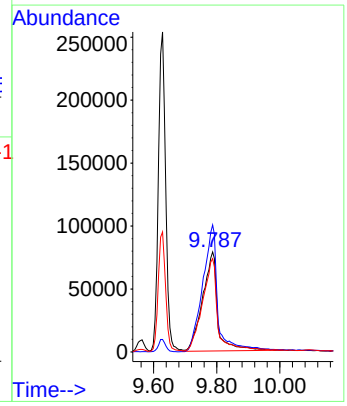


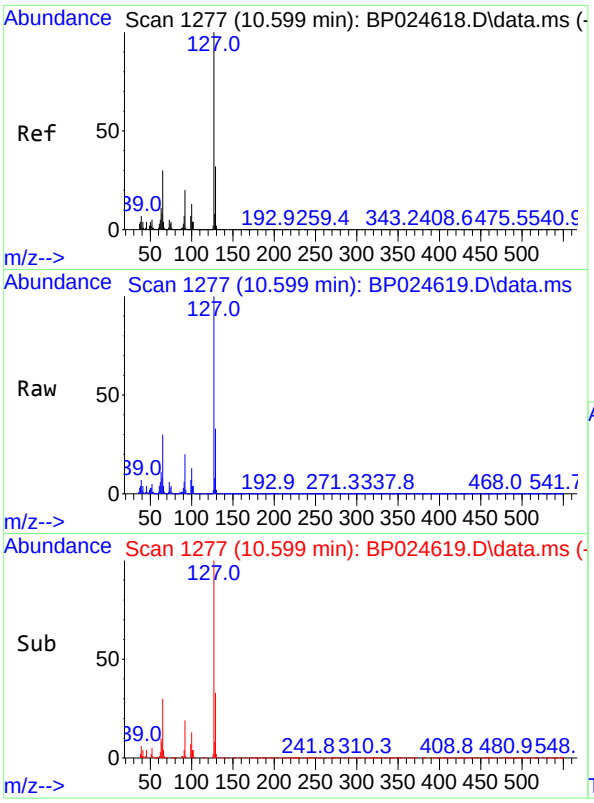


#32
Benzoic acid
Concen: 50.71 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:122 Resp: 263657

Ion	Ratio	Lower	Upper
122	100		
105	127.2	106.9	146.9
77	93.3	75.1	115.1



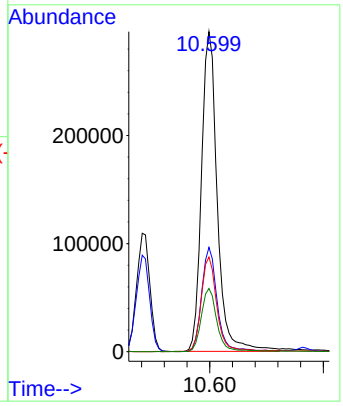


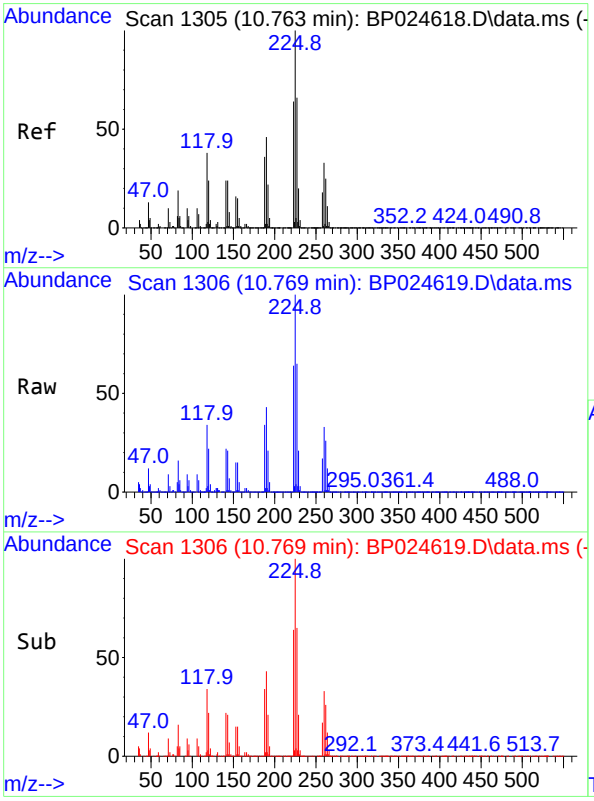
#33
4-Chloroaniline
Concen: 55.63 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 569812

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	29.6	23.9	35.9
92	19.7	16.1	24.1

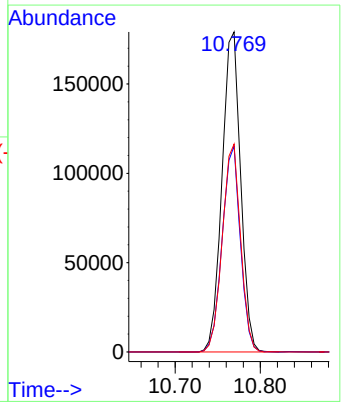


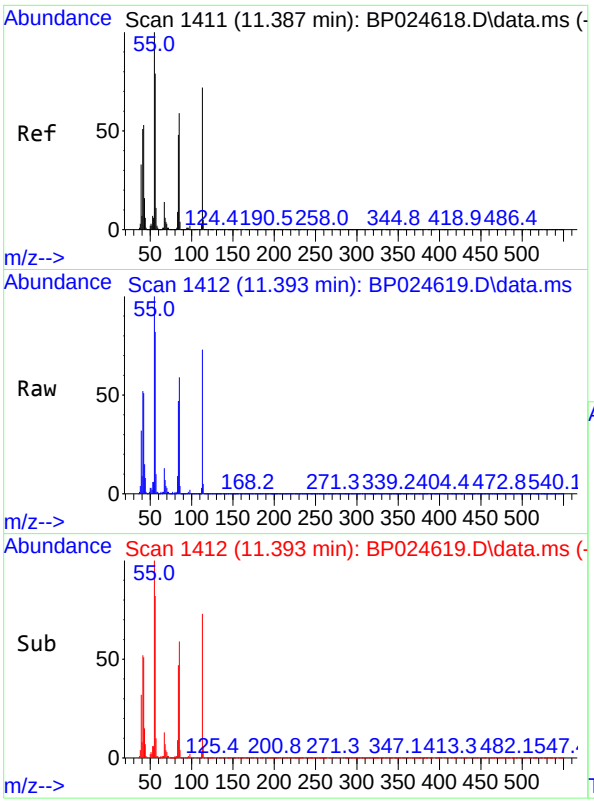


#34
Hexachlorobutadiene
Concen: 52.09 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:225 Resp: 271578

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	53.1	79.7



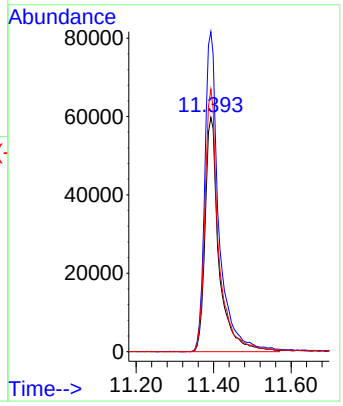


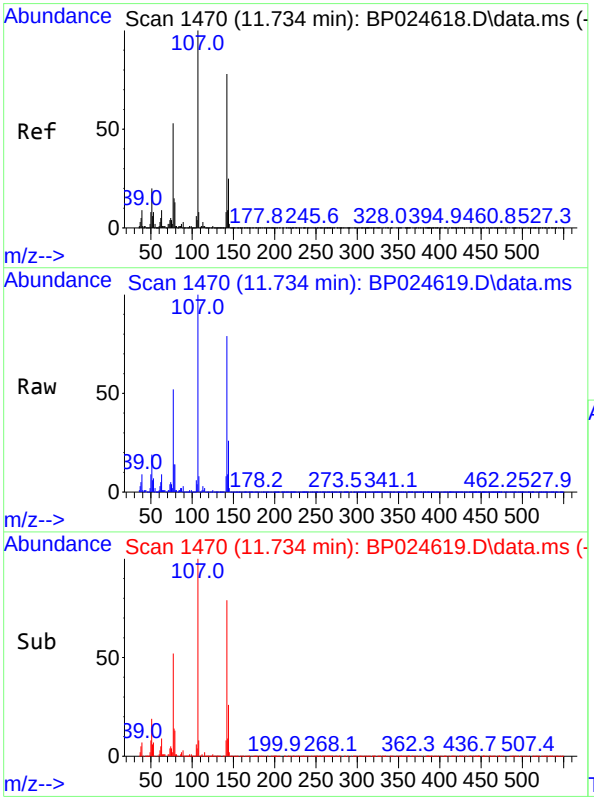
#35
Caprolactam
Concen: 57.53 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 148586

Ion	Ratio	Lower	Upper
113	100		
55	136.6	119.0	159.0
56	112.0	90.3	130.3

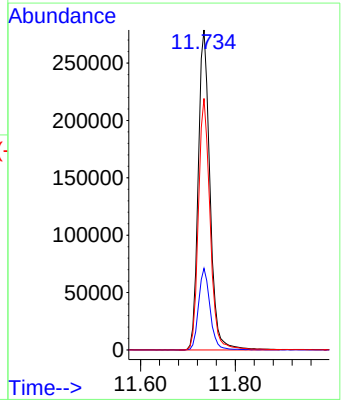


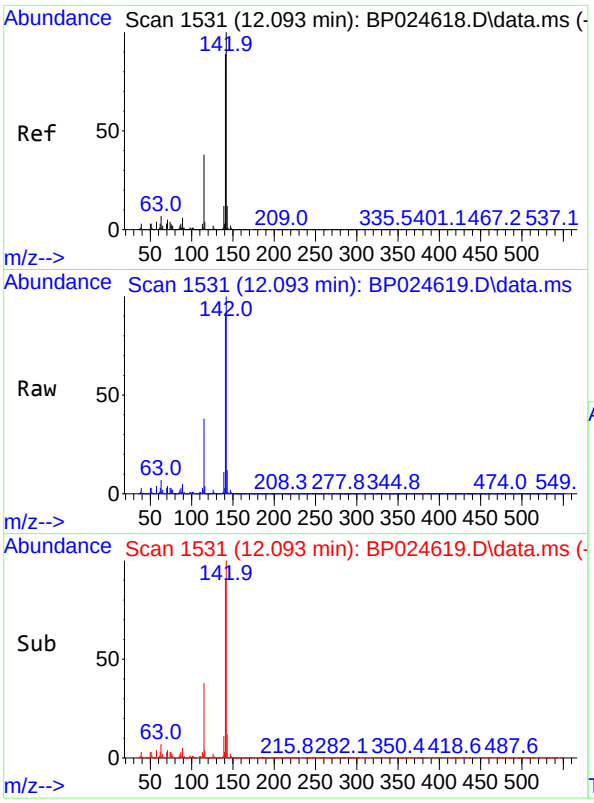


#36
4-Chloro-3-methylphenol
Concen: 54.97 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:107 Resp: 478787

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	78.6	62.1	93.1



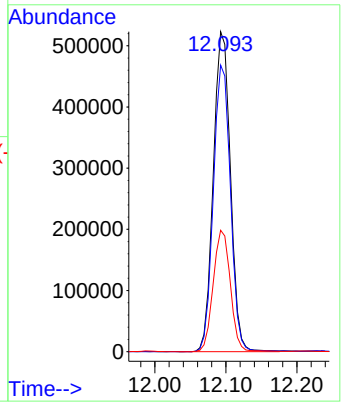


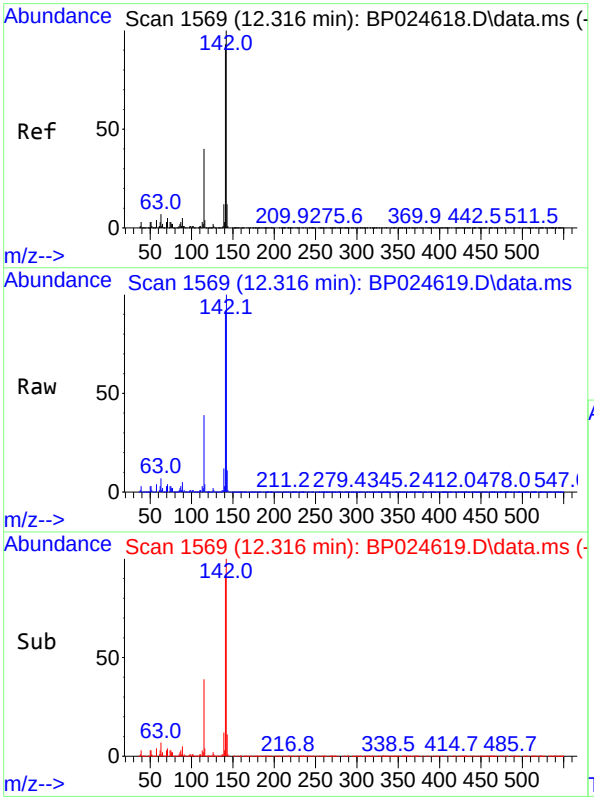
#37
2-Methylnaphthalene
Concen: 53.13 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 873274

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	37.9	30.6	46.0

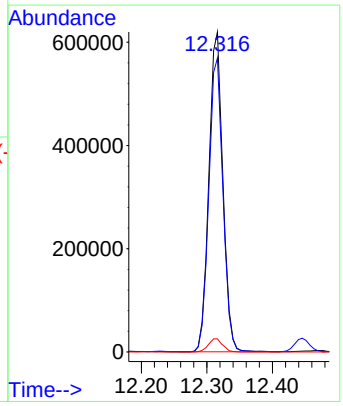


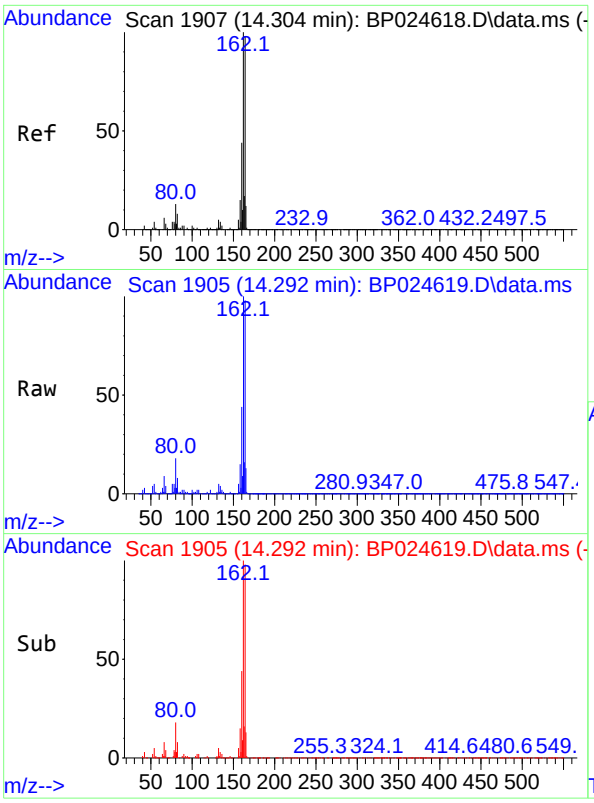


#38
1-Methylnaphthalene
Concen: 52.31 ng
RT: 12.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:142 Resp: 919827

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.7	112.1
116	4.1	3.4	5.2



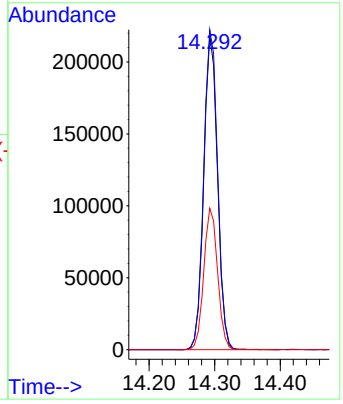


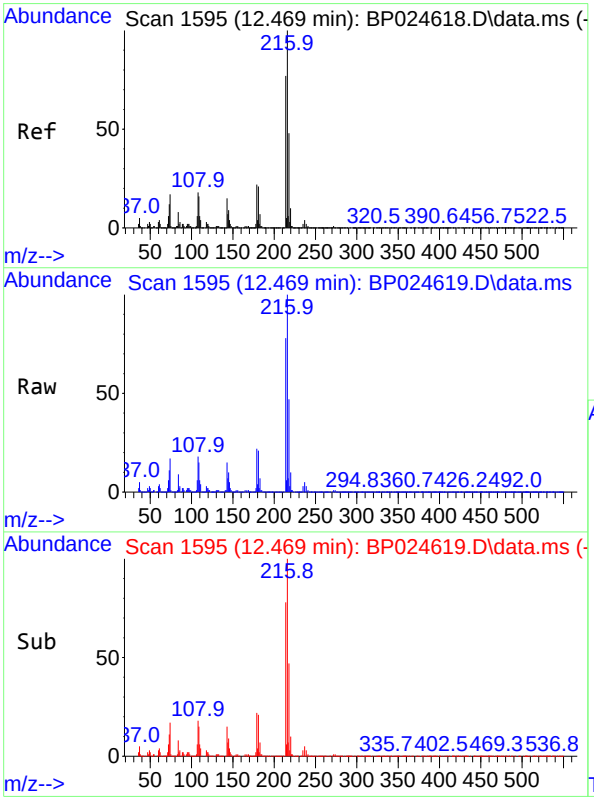
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 318760

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.8	122.6
160	45.1	36.3	54.5

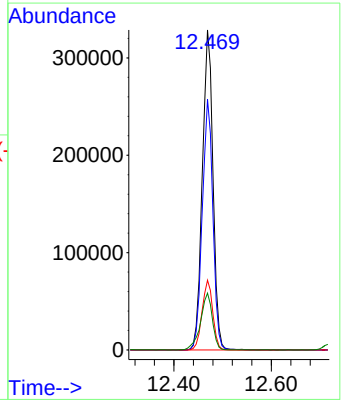


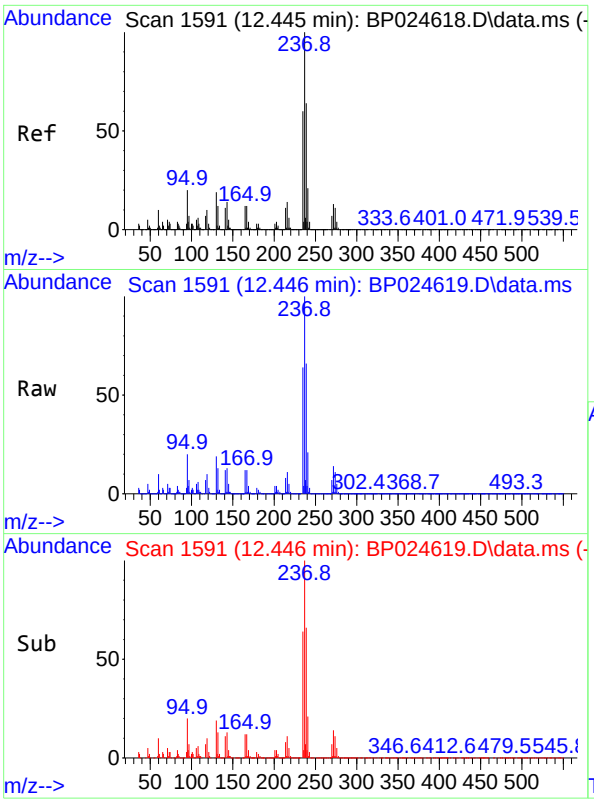


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.78 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:216 Resp: 497848

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	21.9	17.7	26.5
108	19.7	16.0	24.0



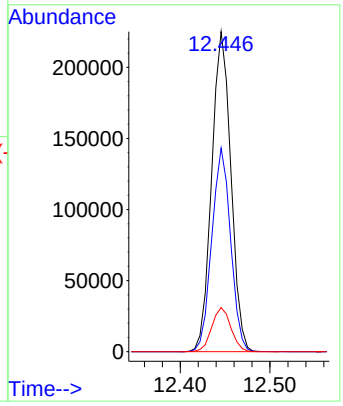


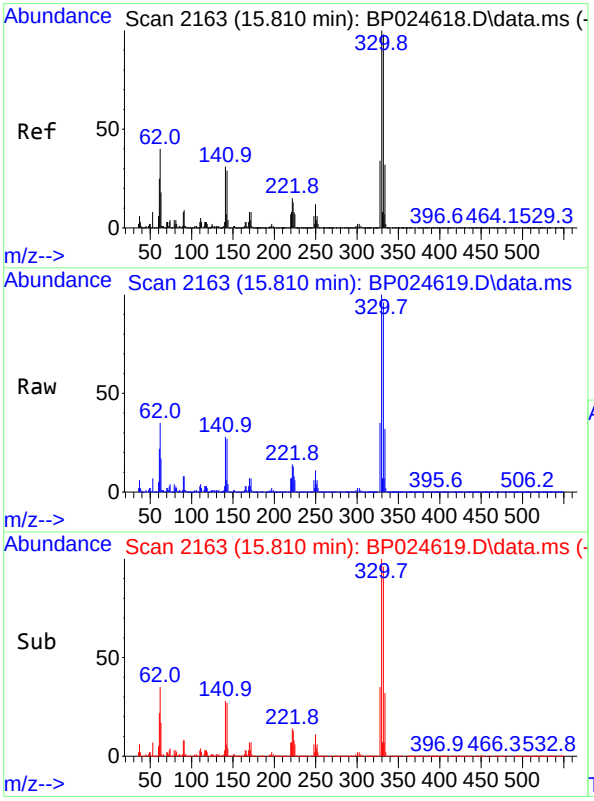
#41
Hexachlorocyclopentadiene
Concen: 59.64 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 334752

Ion	Ratio	Lower	Upper
237	100		
235	63.6	39.9	79.9
272	13.8	0.0	33.2

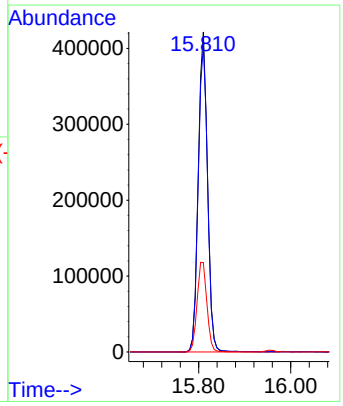


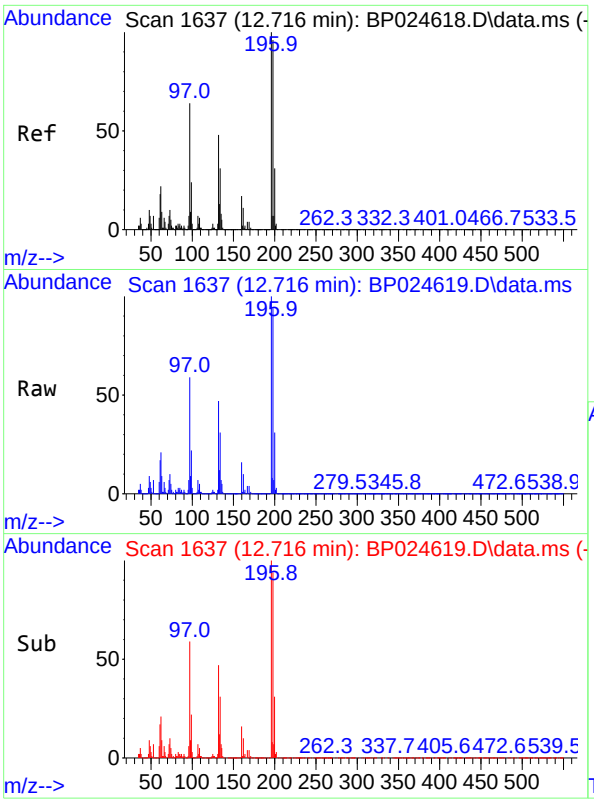


#42
2,4,6-Tribromophenol
Concen: 108.72 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:330 Resp: 587523

Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	29.7	24.3	36.5



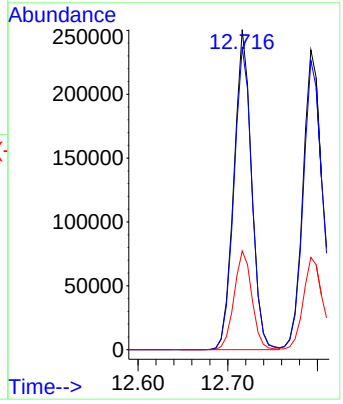


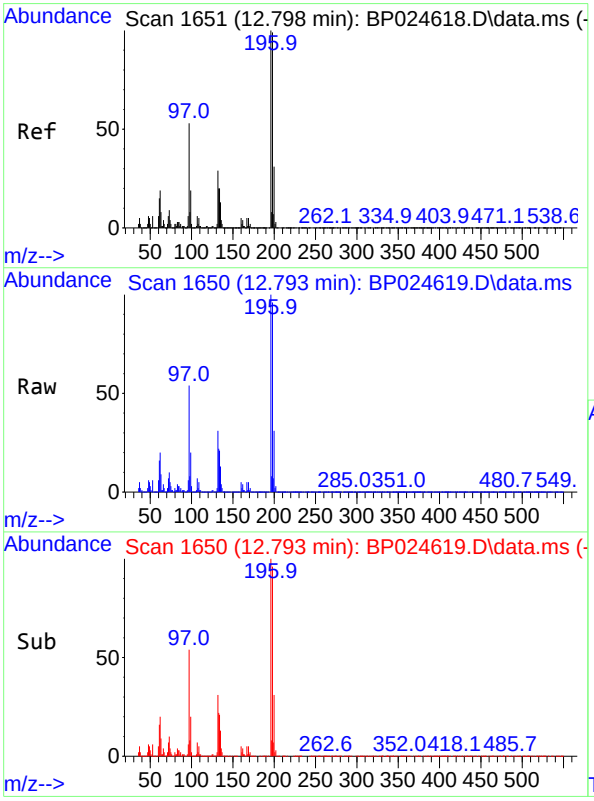
#43
2,4,6-Trichlorophenol
Concen: 56.89 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 341059

Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.9	115.3
200	30.9	25.2	37.8

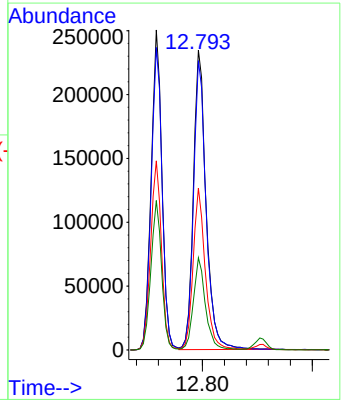


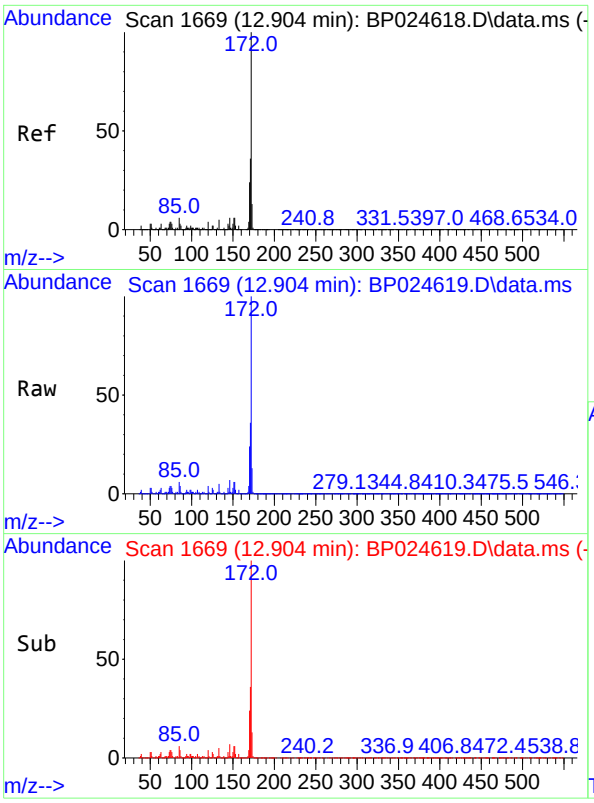


#44
2,4,5-Trichlorophenol
Concen: 56.24 ng
RT: 12.793 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:196 Resp: 375330

Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.2	118.8
97	54.0	42.3	63.5
132	30.8	23.3	34.9



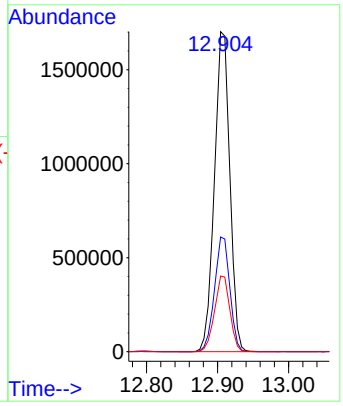


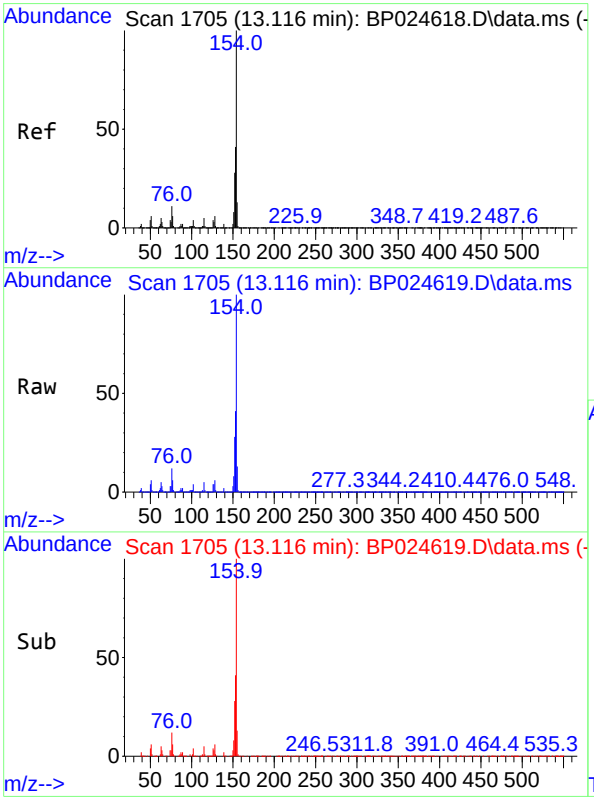
#45
2-Fluorobiphenyl
Concen: 104.96 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 2553765

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.7	18.8	28.2

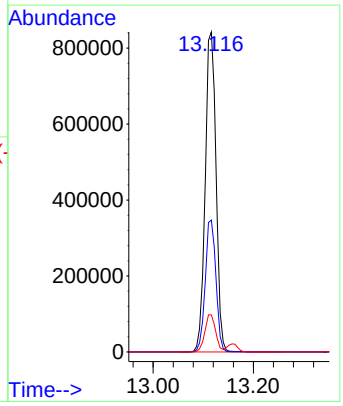


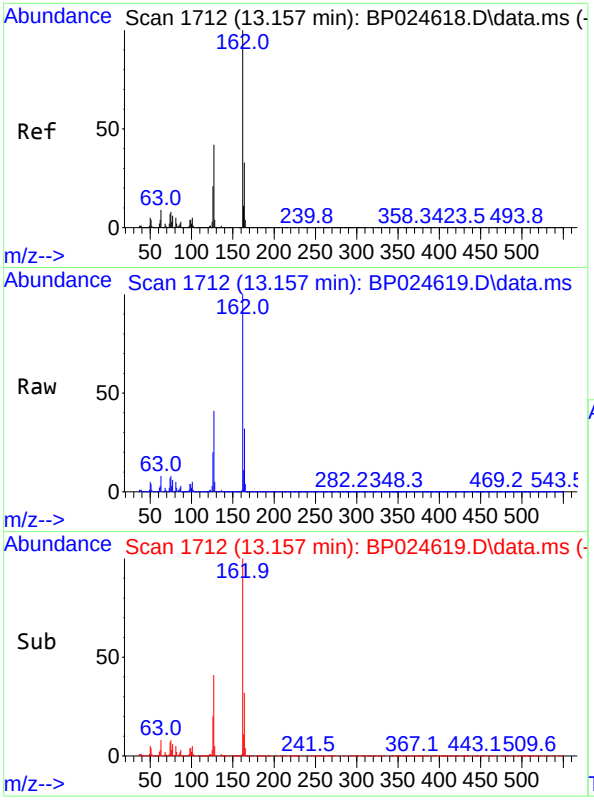


#46
1,1'-Biphenyl
Concen: 53.64 ng
RT: 13.116 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 1263640

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.6	0.0	31.5



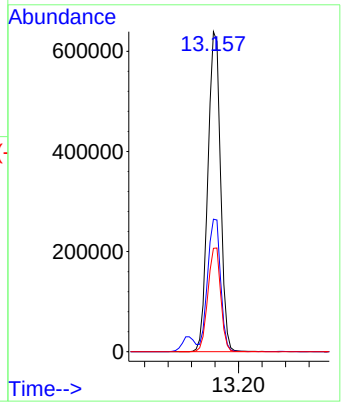


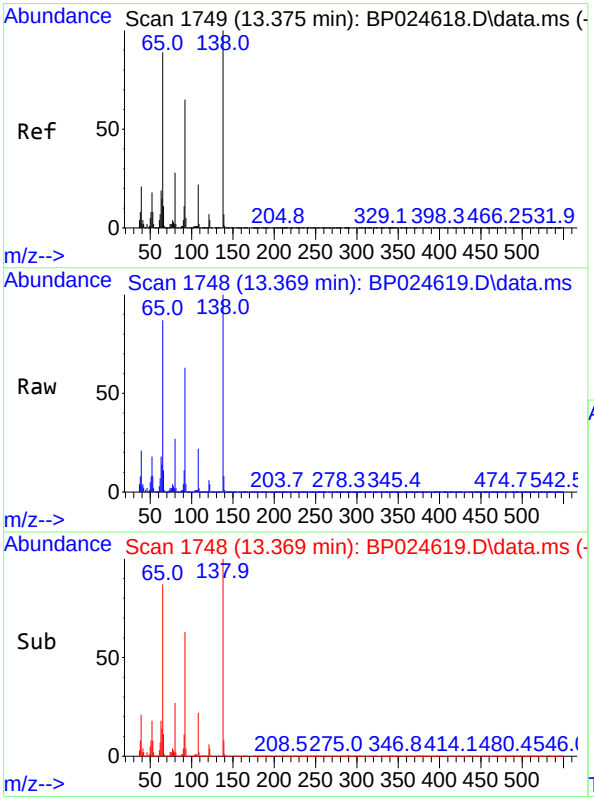
#47
2-Chloronaphthalene
Concen: 53.04 ng
RT: 13.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 952857

Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.8	50.6
164	32.3	26.0	39.0

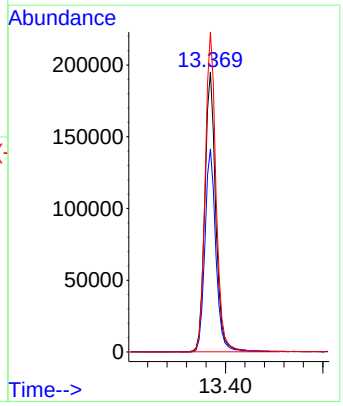


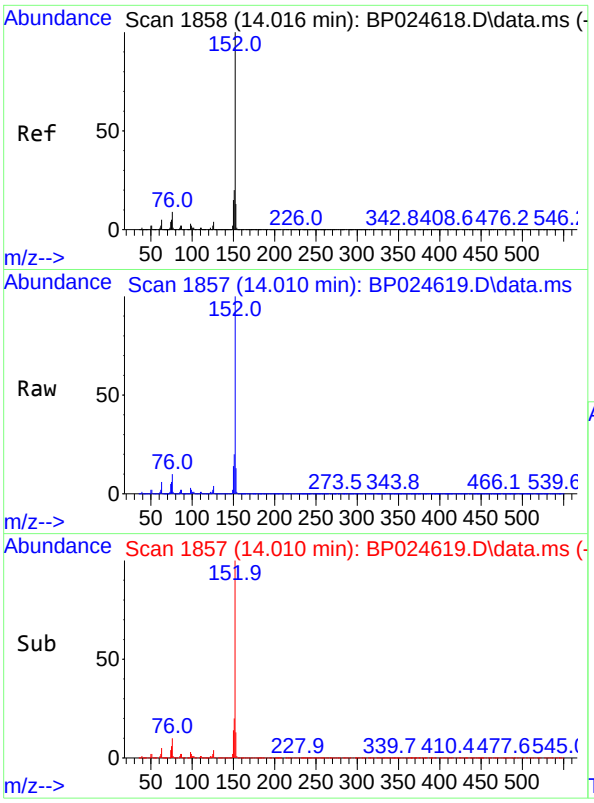


#48
2-Nitroaniline
Concen: 57.06 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion: 65 Resp: 303475

Ion	Ratio	Lower	Upper
65	100		
92	72.5	58.7	88.1
138	114.3	90.2	135.2



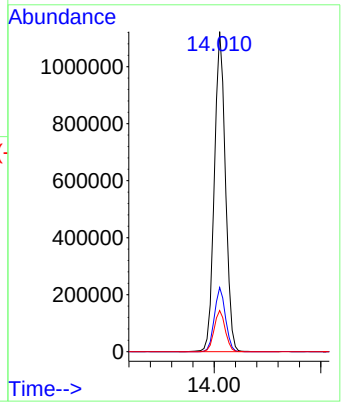


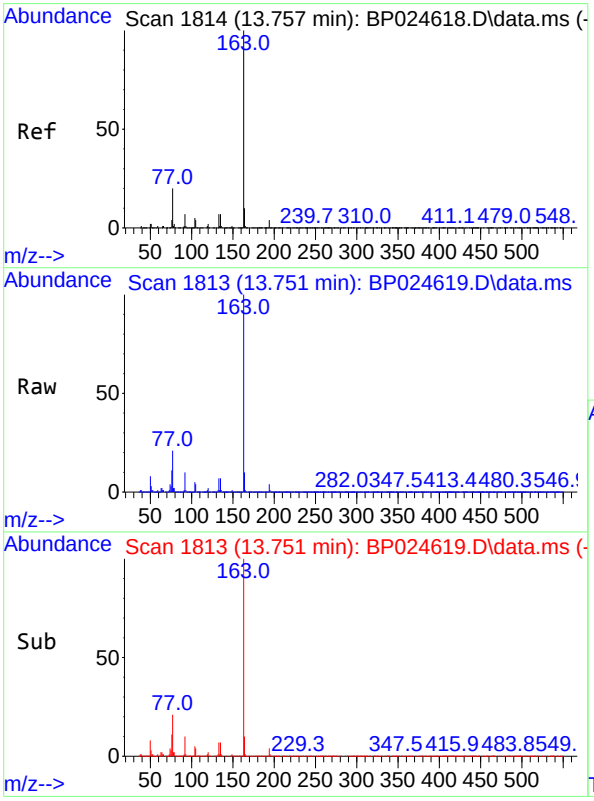
#49
Acenaphthylene
Concen: 53.79 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1616938

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	12.9	10.2	15.4

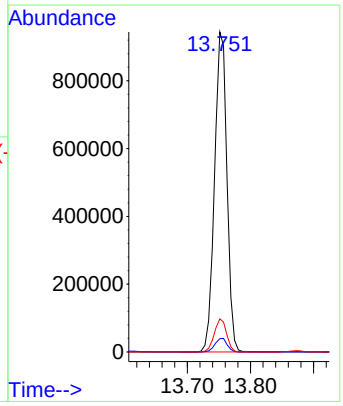


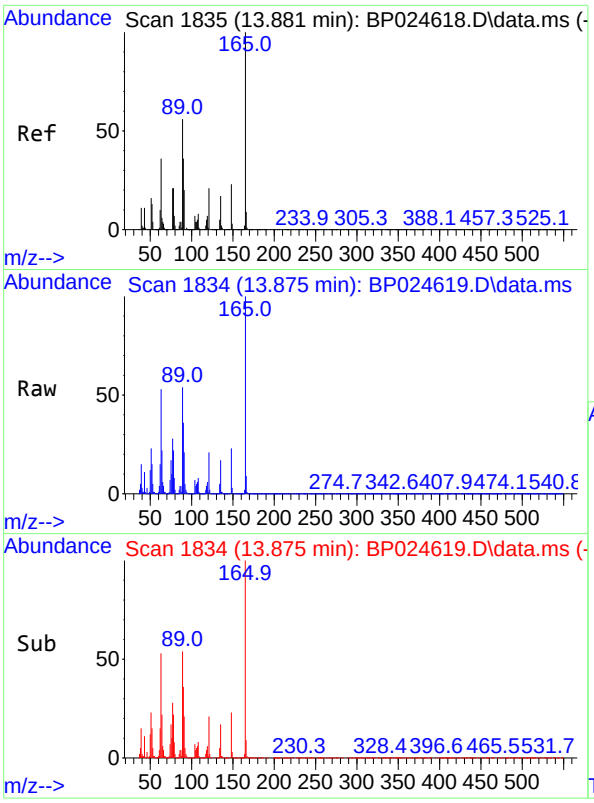


#50
Dimethylphthalate
Concen: 52.83 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:163 Resp: 1283491

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1



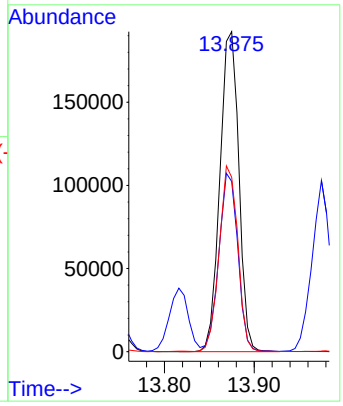


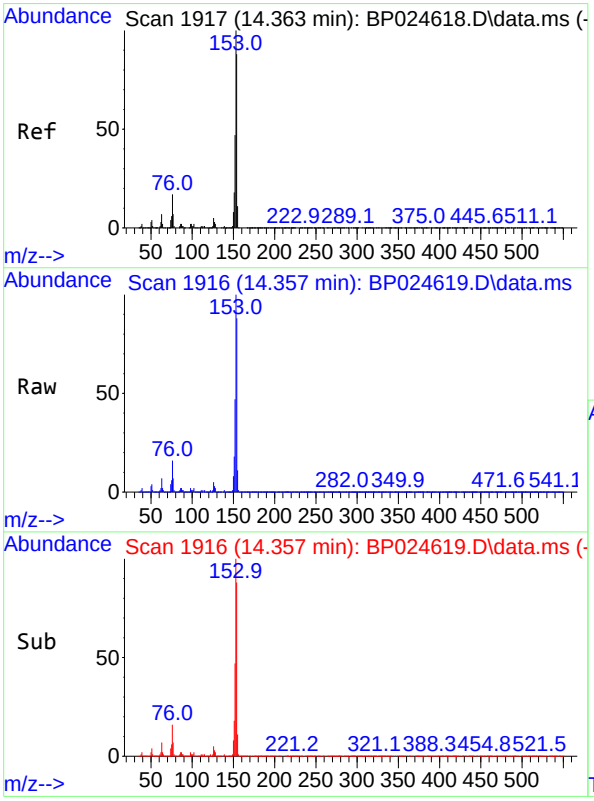
#51
2,6-Dinitrotoluene
Concen: 54.91 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 281728

Ion	Ratio	Lower	Upper
165	100		
63	53.2	42.4	63.6
89	54.5	44.8	67.2

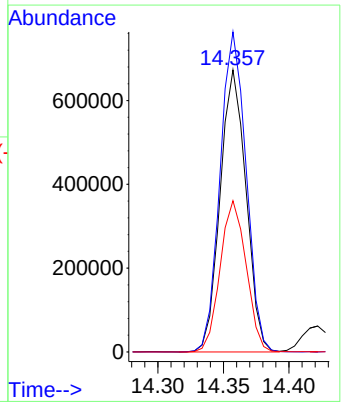


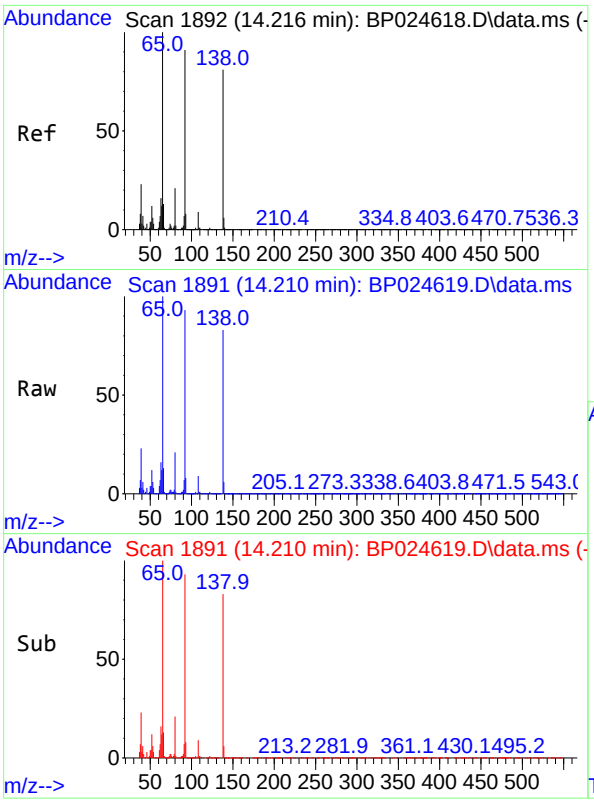


#52
Acenaphthene
Concen: 53.42 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:154 Resp: 923238

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	53.6	42.9	64.3



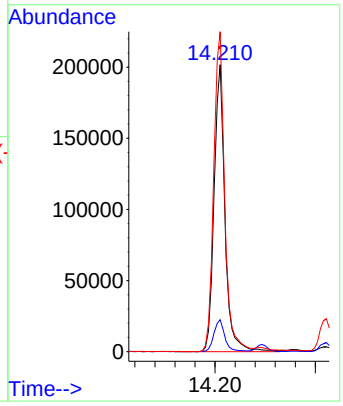


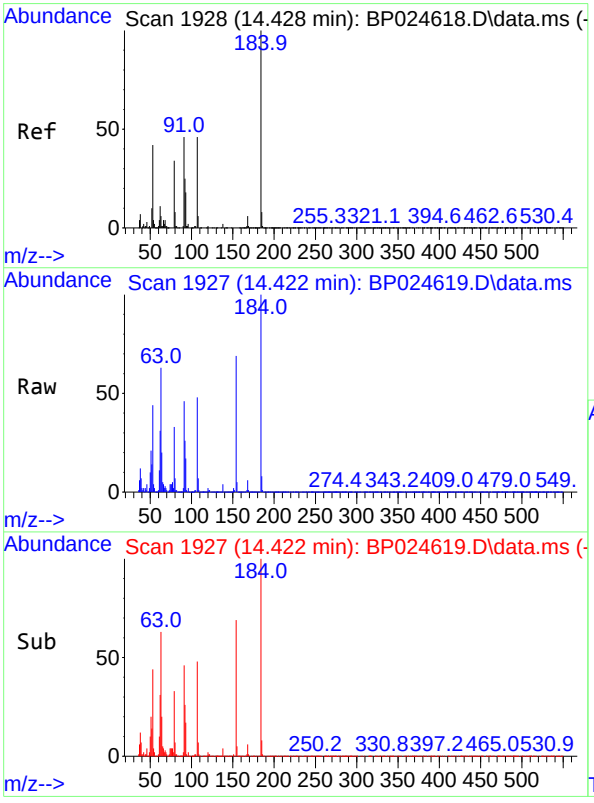
#53
3-Nitroaniline
Concen: 57.71 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 302341

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	111.5	90.1	135.1

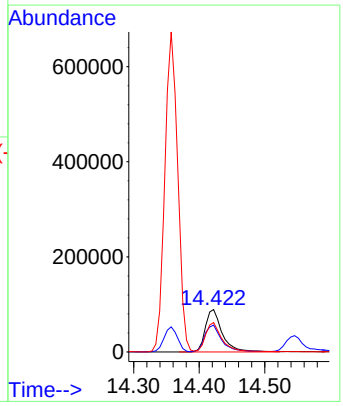


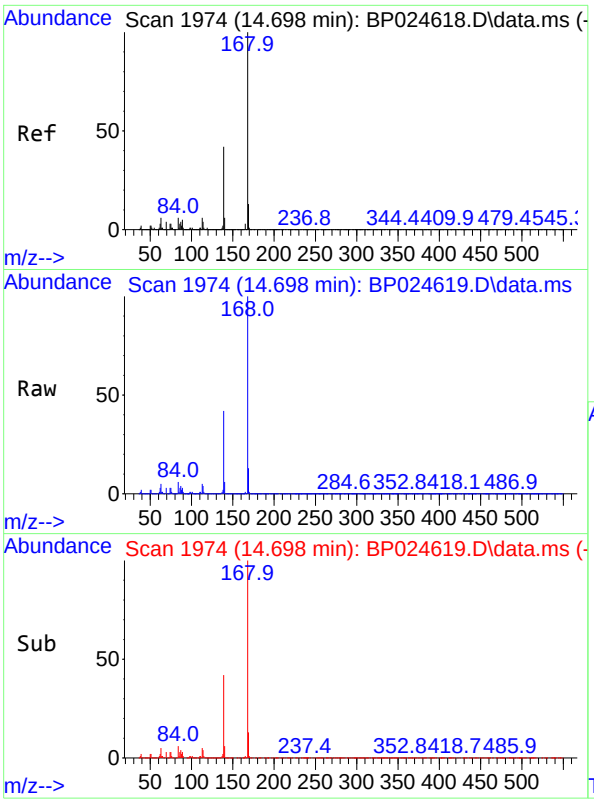


#54
2,4-Dinitrophenol
Concen: 51.86 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:184 Resp: 159888

Ion	Ratio	Lower	Upper
184	100		
63	63.3	51.3	76.9
154	69.3	53.5	80.3



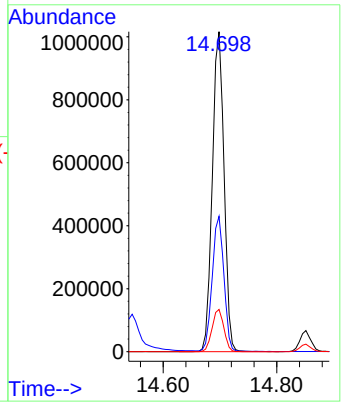


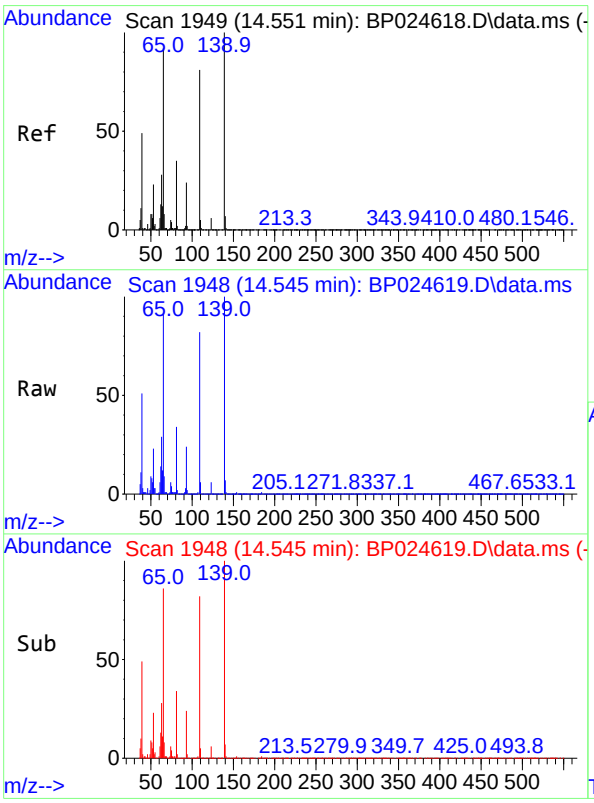
#55
Dibenzofuran
Concen: 52.50 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1447333

Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.2	51.4
169	13.2	10.8	16.2

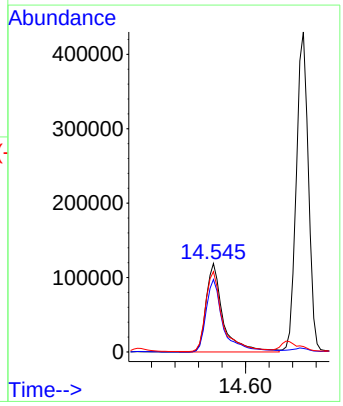


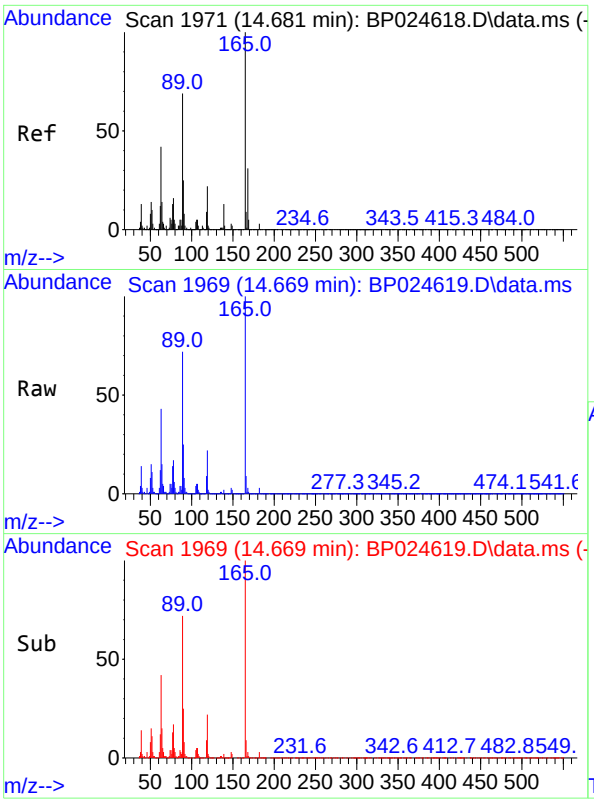


#56
4-Nitrophenol
Concen: 53.99 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:139 Resp: 238294

Ion	Ratio	Lower	Upper
139	100		
109	82.0	61.4	101.4
65	90.8	72.2	112.2



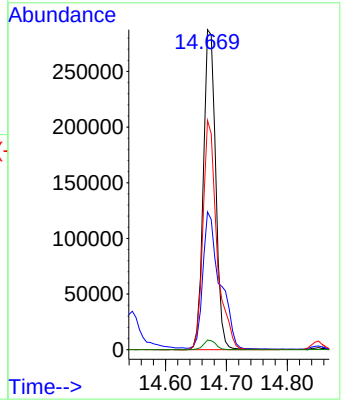


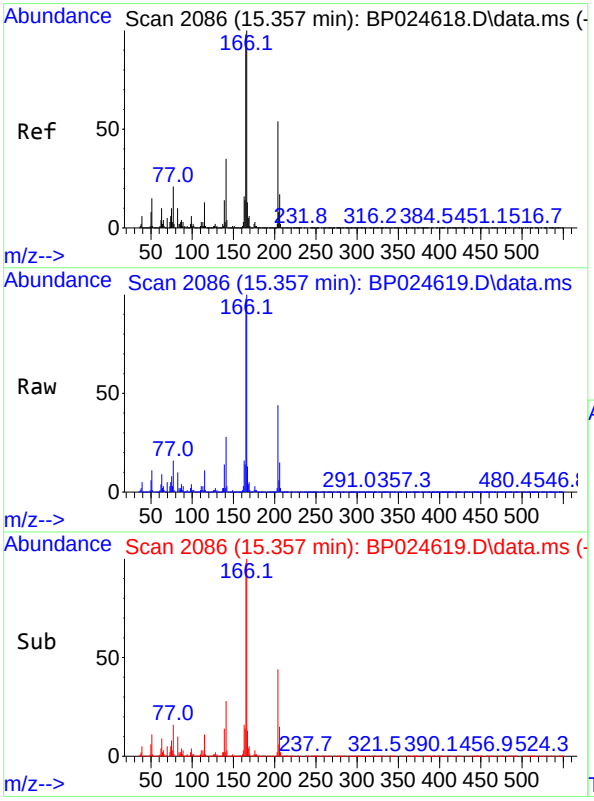
#57
2,4-Dinitrotoluene
Concen: 55.94 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 404684

Ion	Ratio	Lower	Upper
165	100		
63	43.0	33.8	50.6
89	71.7	55.6	83.4
182	3.0	2.4	3.6

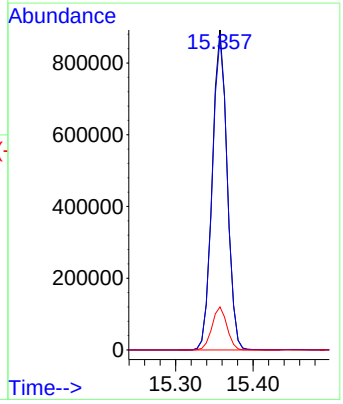


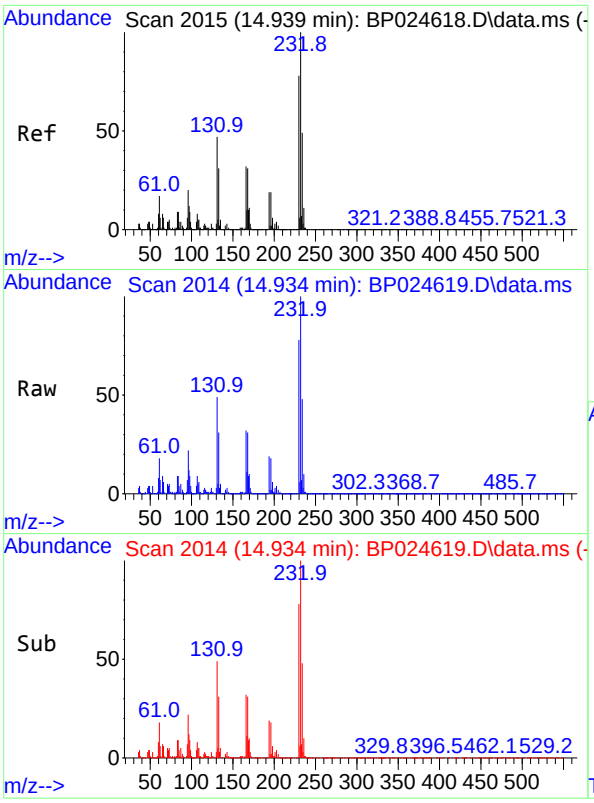


#58
Fluorene
Concen: 52.97 ng
RT: 15.357 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:166 Resp: 1190632

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.5	117.7
167	13.4	10.7	16.1



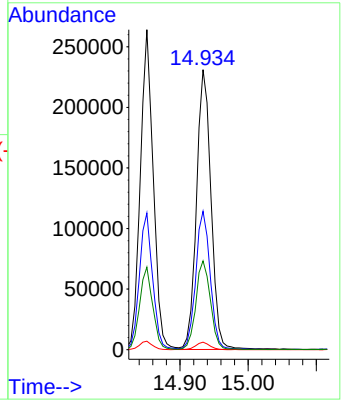


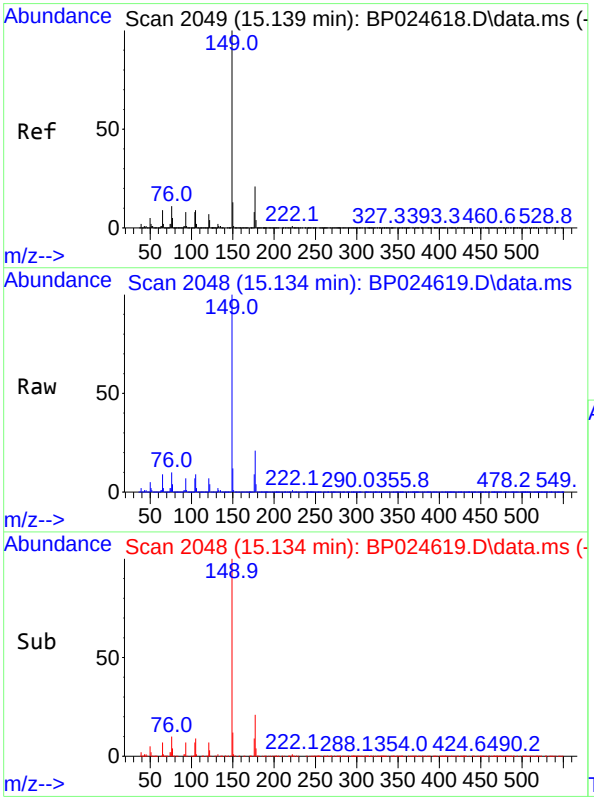
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.11 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 341204

Ion	Ratio	Lower	Upper
232	100		
131	49.3	39.5	59.3
130	2.6	2.2	3.4
166	31.8	25.7	38.5

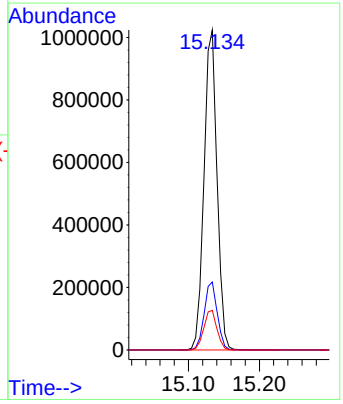


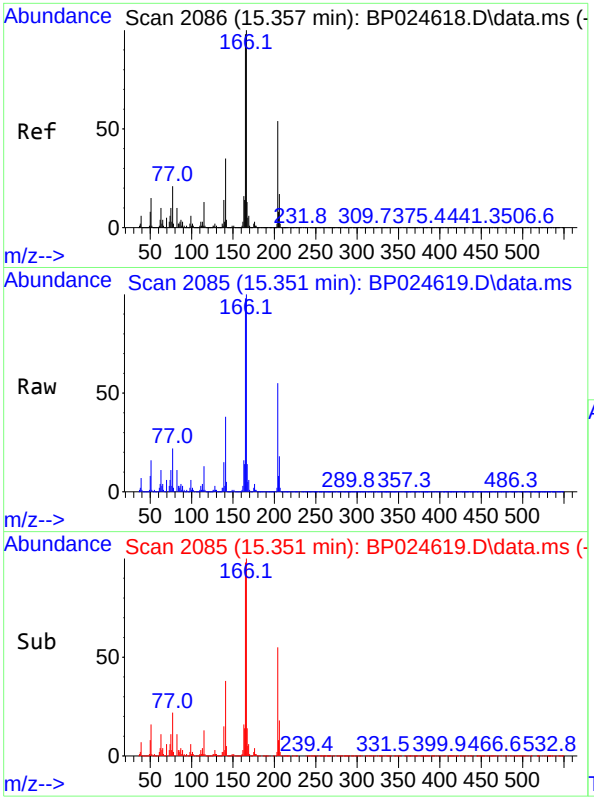


#60
Diethylphthalate
Concen: 53.18 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1305791

Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.3	10.2	15.2



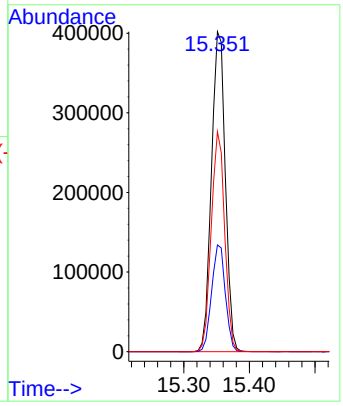


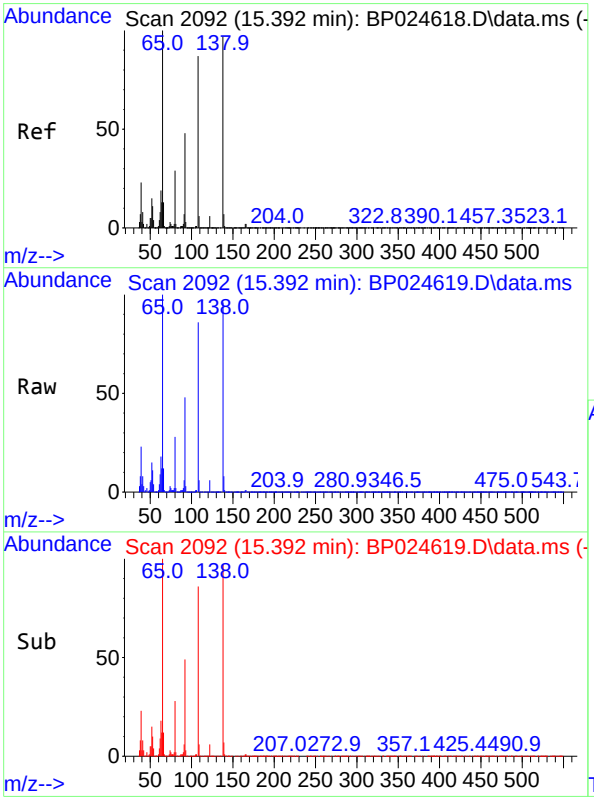
#61
4-Chlorophenyl-phenylether
Concen: 52.67 ng
RT: 15.351 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 590421

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.0	39.0
141	68.7	52.9	79.3

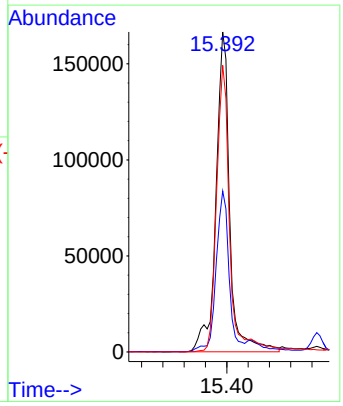


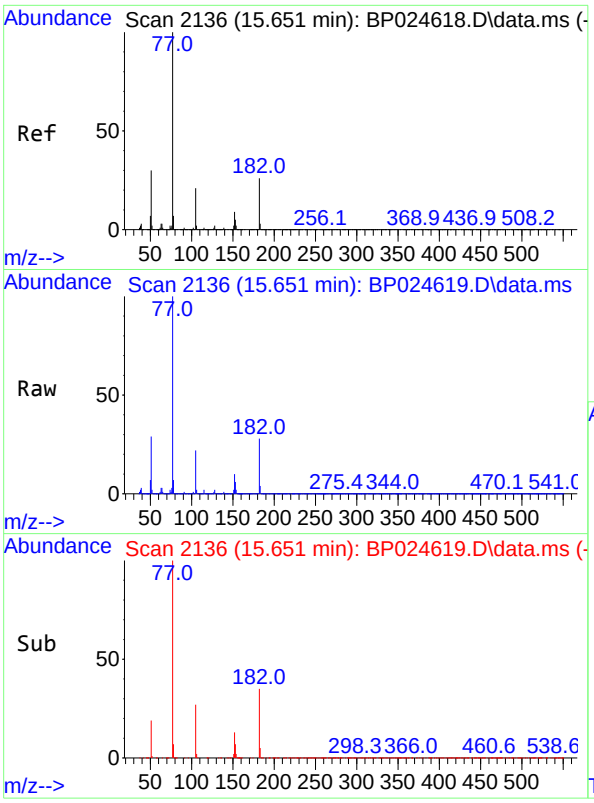


#62
4-Nitroaniline
Concen: 58.55 ng
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:138 Resp: 298681

Ion	Ratio	Lower	Upper
138	100		
92	50.3	29.2	69.2
108	89.6	69.0	109.0



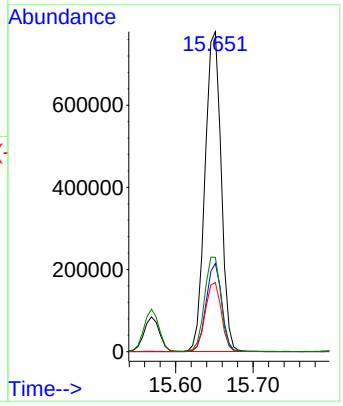


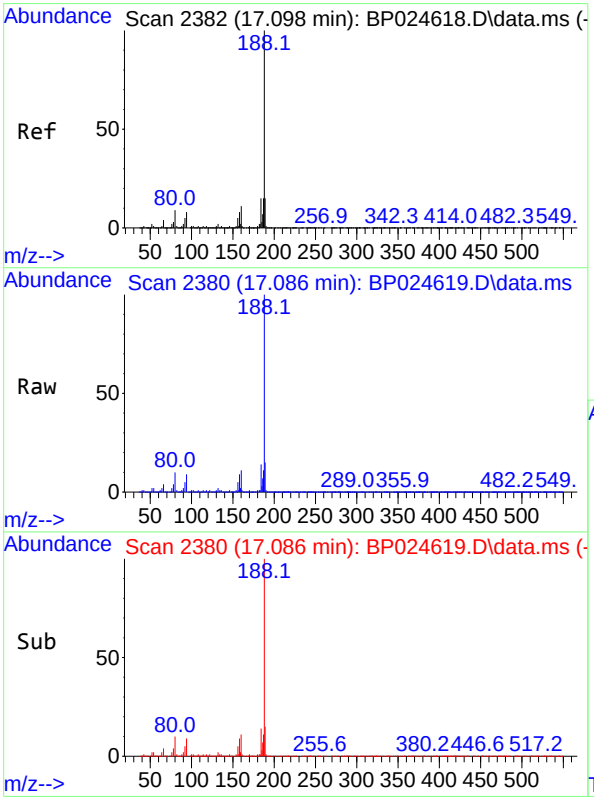
#63
Azobenzene
Concen: 53.39 ng
RT: 15.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 1121556

Ion	Ratio	Lower	Upper
77	100		
182	27.6	5.7	45.7
105	21.6	1.3	41.3
51	29.5	10.6	50.6

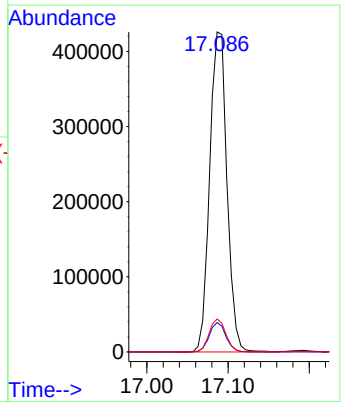


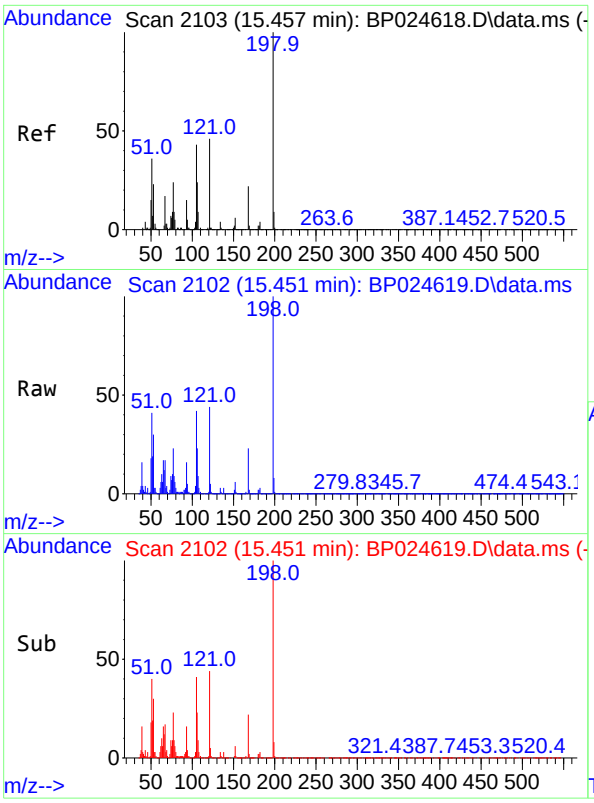


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:188 Resp: 628781

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.3	7.3	10.9



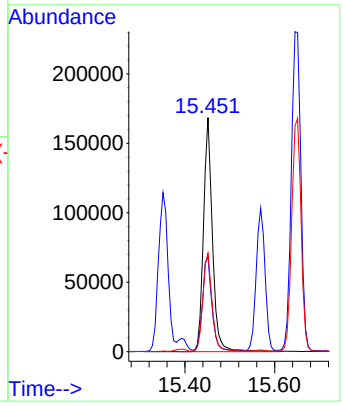


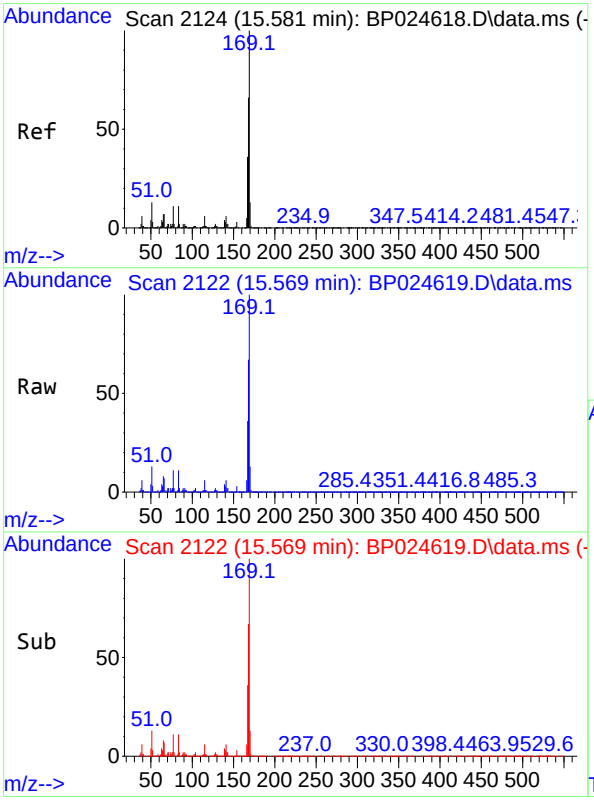
#65
4,6-Dinitro-2-methylphenol
Concen: 57.64 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 234095

Ion	Ratio	Lower	Upper
198	100		
51	40.5	21.1	61.1
105	42.1	23.6	63.6

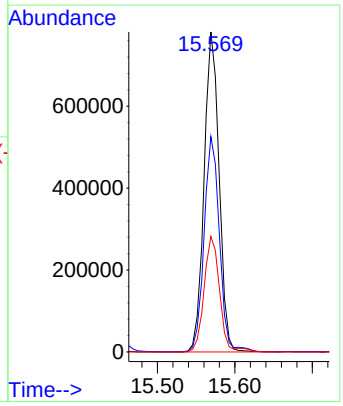


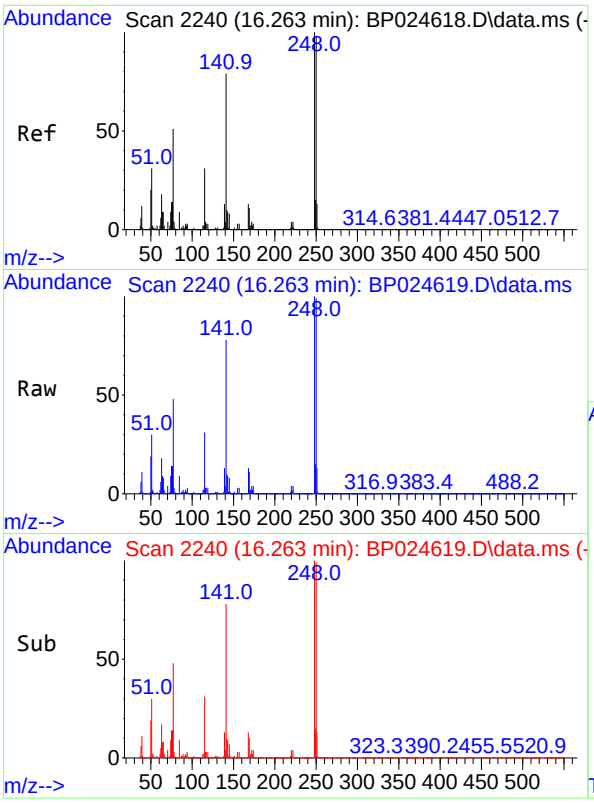


#66
n-Nitrosodiphenylamine
Concen: 54.28 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:169 Resp: 1048396

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.1	28.6	43.0



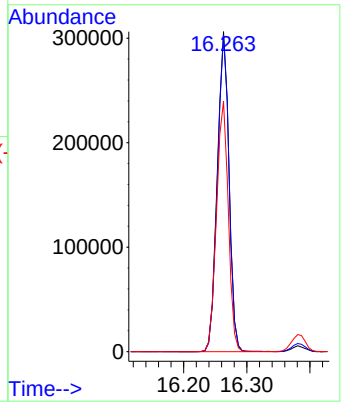


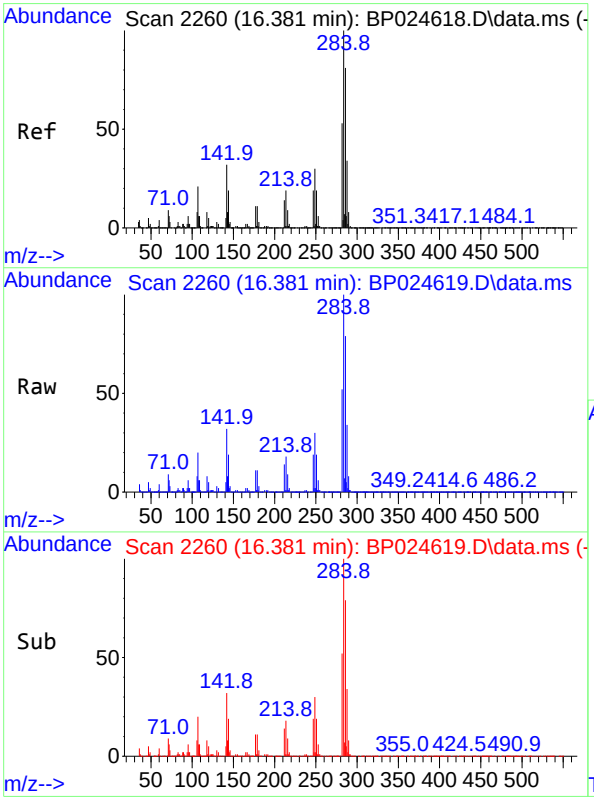
#67
4-Bromophenyl-phenylether
Concen: 53.50 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 396385

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	78.2	63.0	94.6

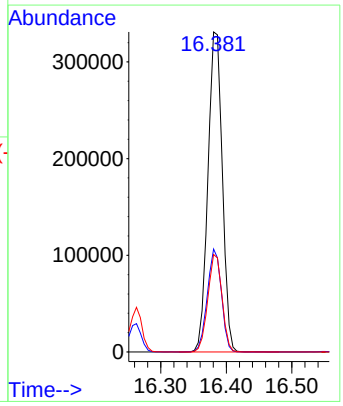


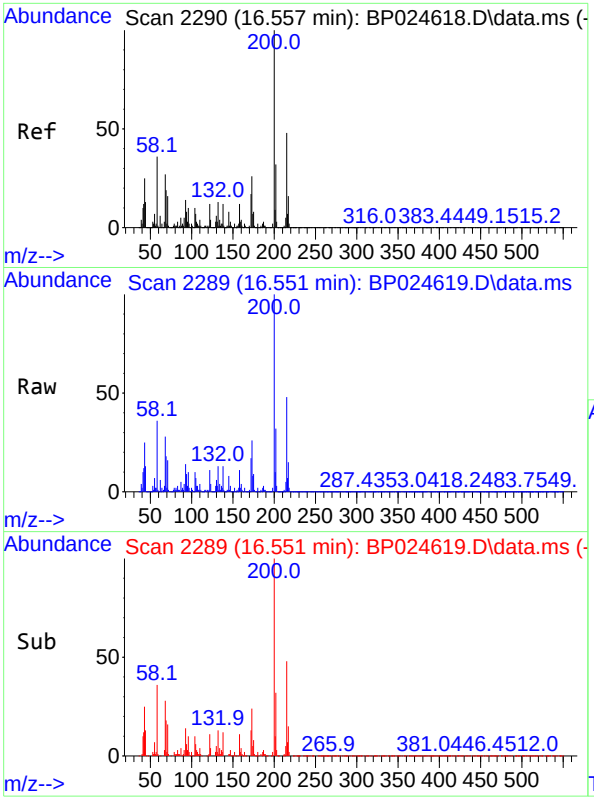


#68
Hexachlorobenzene
Concen: 53.64 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:284 Resp: 504987

Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.9	38.9
249	30.4	24.1	36.1



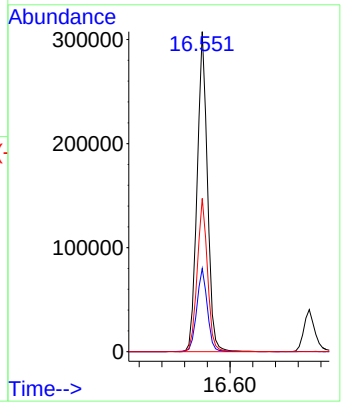


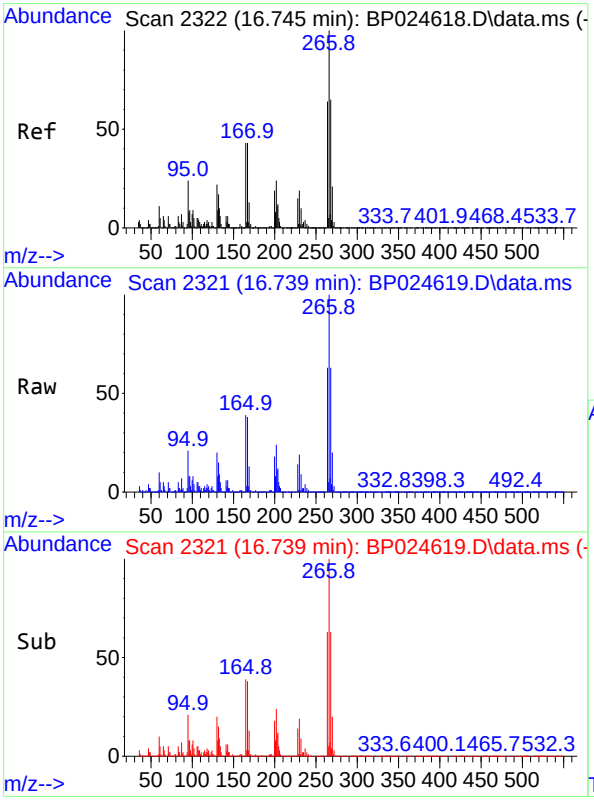
#69
Atrazine
Concen: 55.07 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 389749

Ion	Ratio	Lower	Upper
200	100		
173	26.0	5.9	45.9
215	47.9	28.3	68.3

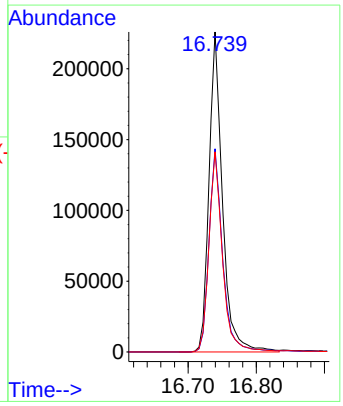


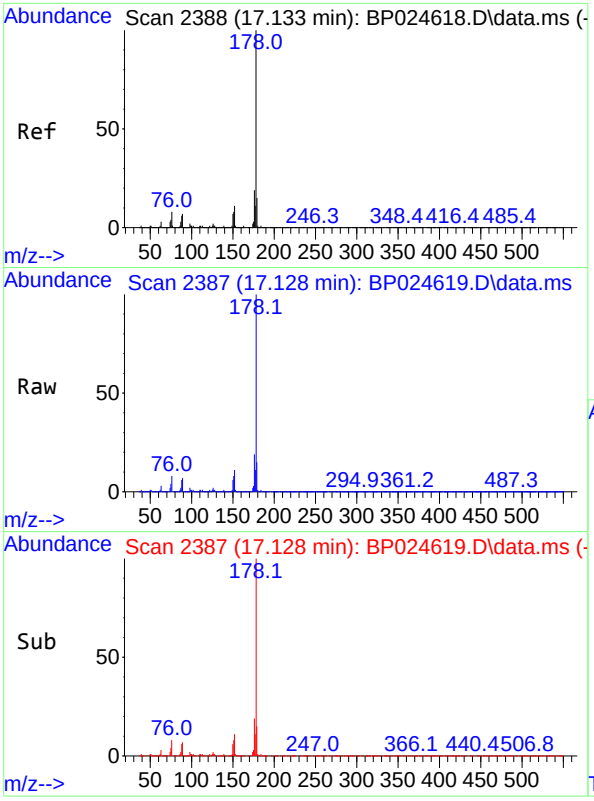


#70
Pentachlorophenol
Concen: 58.71 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:266 Resp: 310477

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.4
264	62.6	51.1	76.7



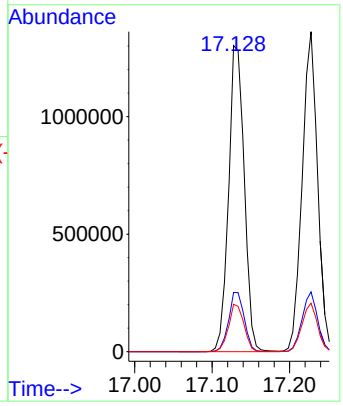


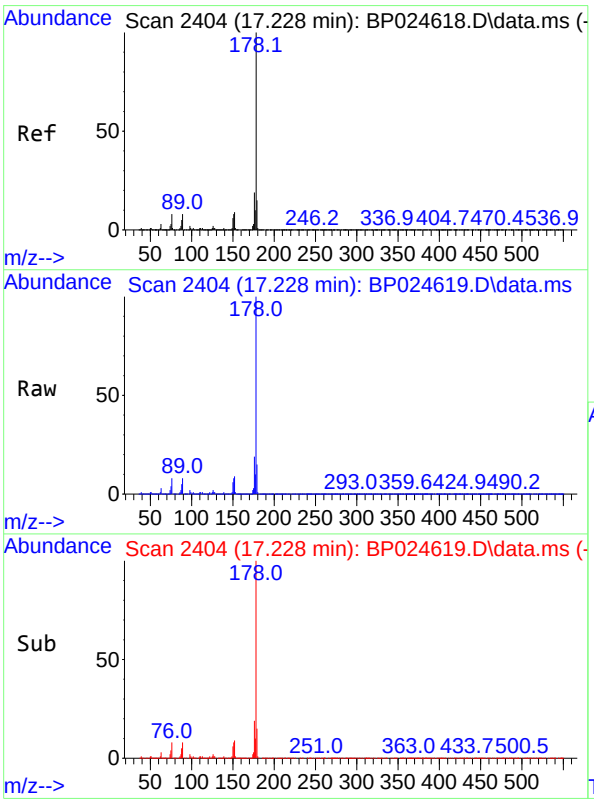
#71
Phenanthrene
Concen: 52.61 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1838891

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.2	18.4

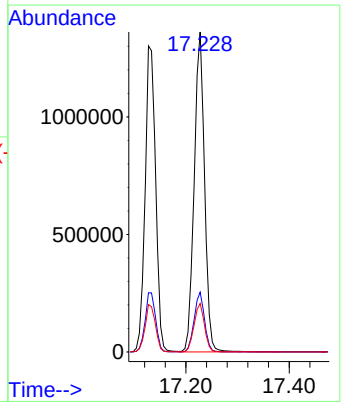


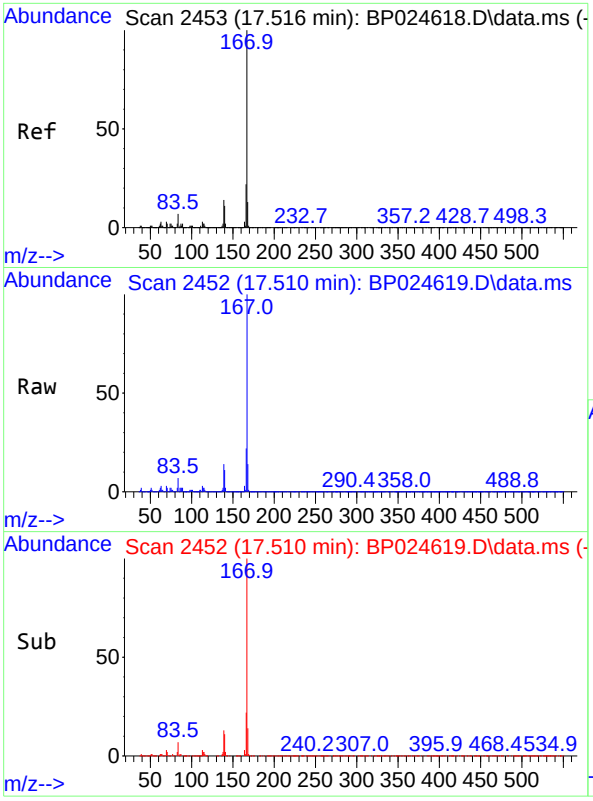


#72
Anthracene
Concen: 53.87 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:178 Resp: 1894573

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.2	18.2



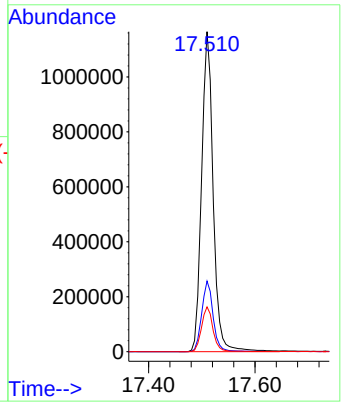


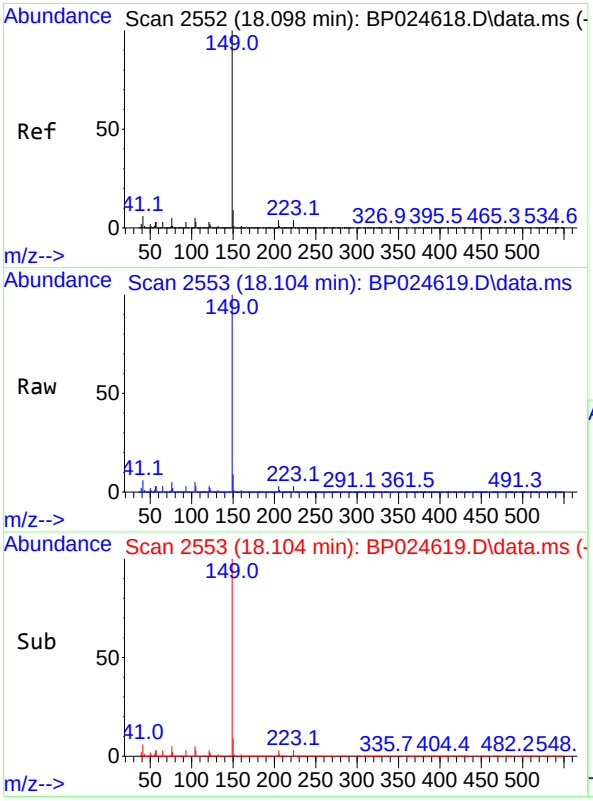
#73
Carbazole
Concen: 55.00 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 1750681

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.0	11.3	16.9

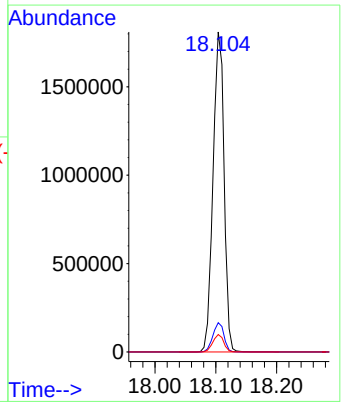


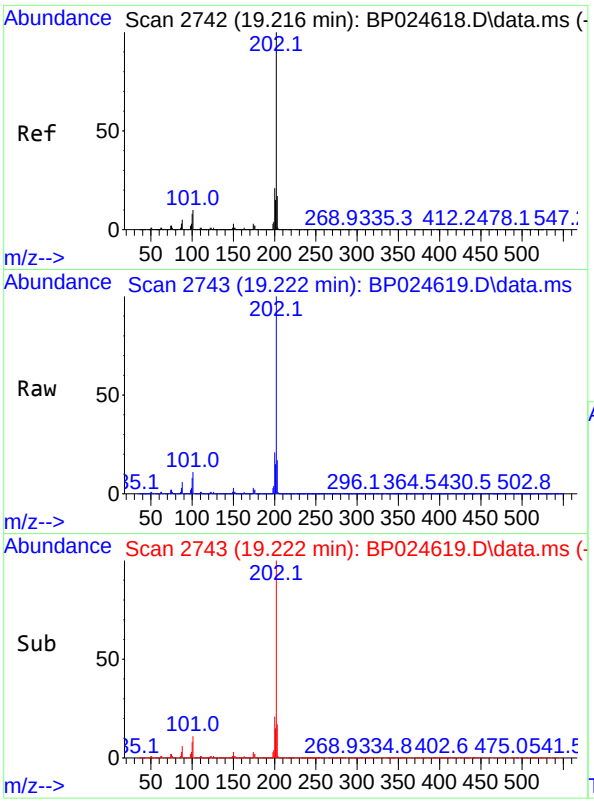


#74
Di-n-butylphthalate
Concen: 55.58 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 2275163

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5



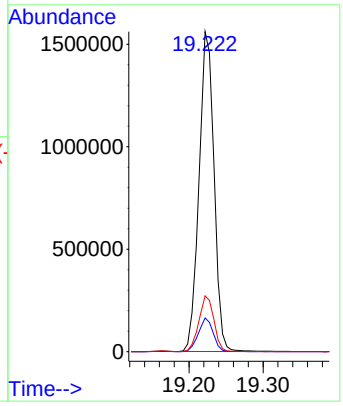


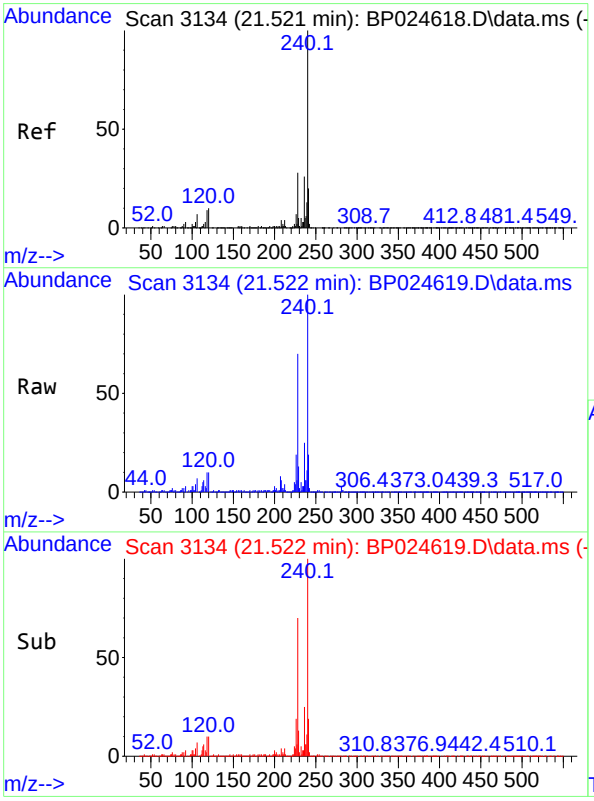
#75
Fluoranthene
Concen: 53.84 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 2199818

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.4	0.0	37.5

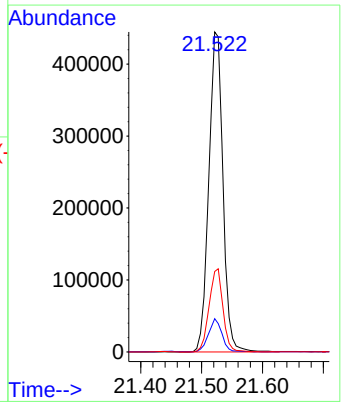


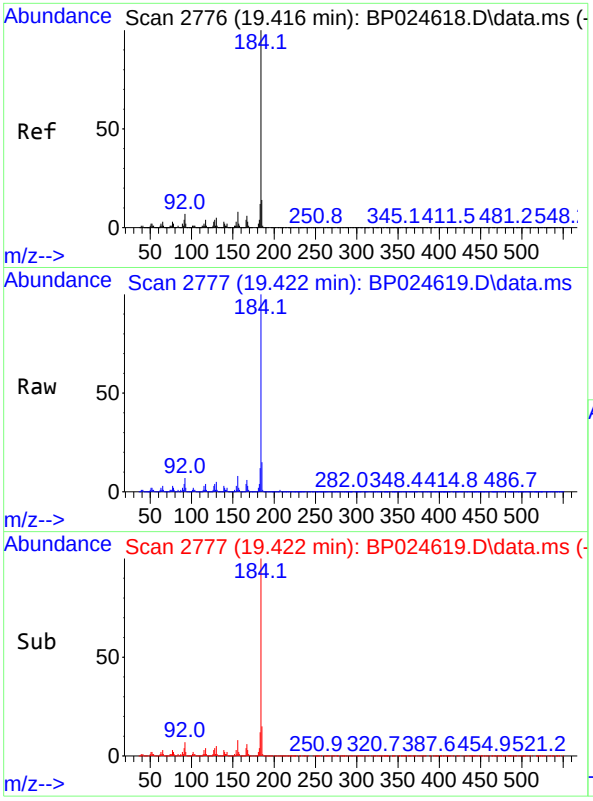


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:240 Resp: 717340

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.1	20.6	31.0



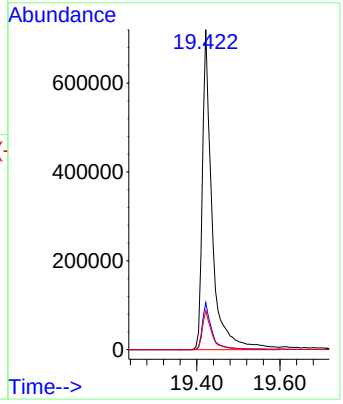


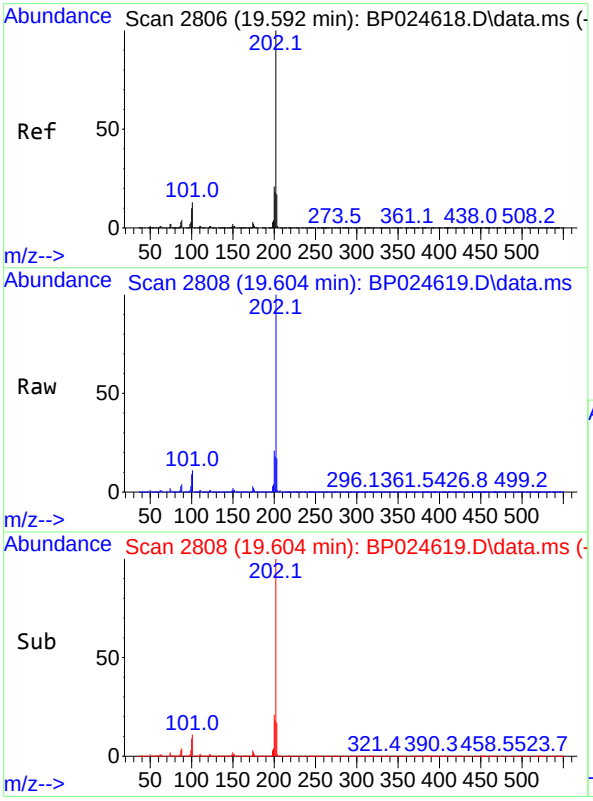
#77
Benzidine
Concen: 59.85 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 1178505

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.2	16.8
183	12.2	9.8	14.8

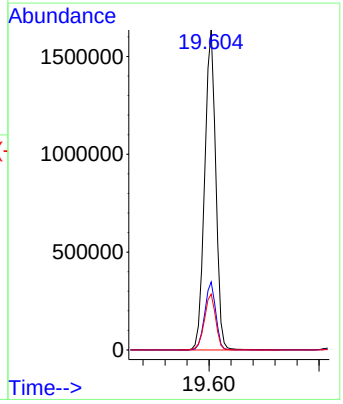


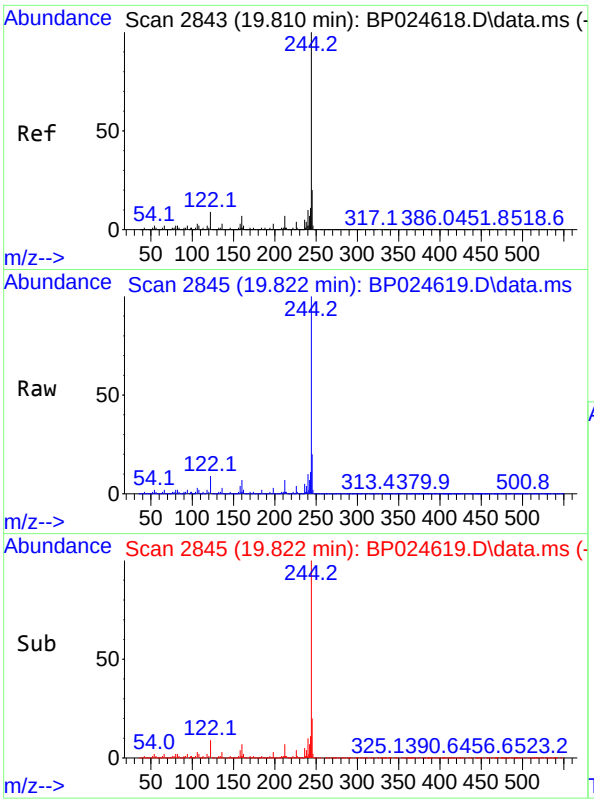


#78
Pyrene
Concen: 53.11 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:202 Resp: 2282702

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.9	20.9



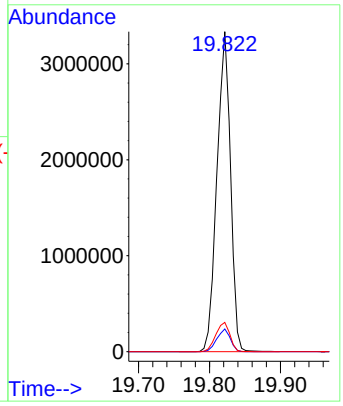


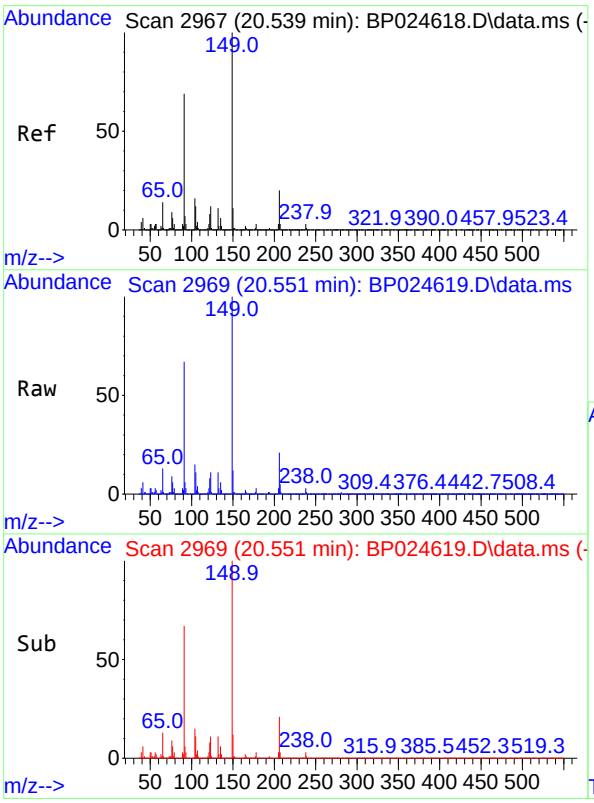
#79
Terphenyl-d14
Concen: 105.15 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 4398872

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.2	7.4	11.0

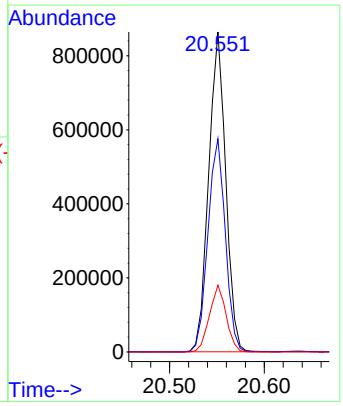


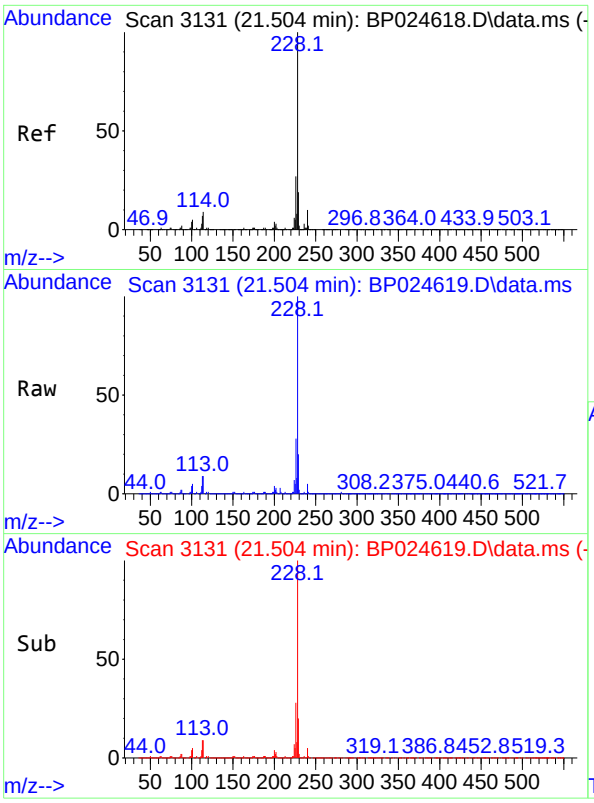


#80
Butylbenzylphthalate
Concen: 56.68 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1083395

Ion	Ratio	Lower	Upper
149	100		
91	66.6	55.4	83.0
206	20.8	16.2	24.2



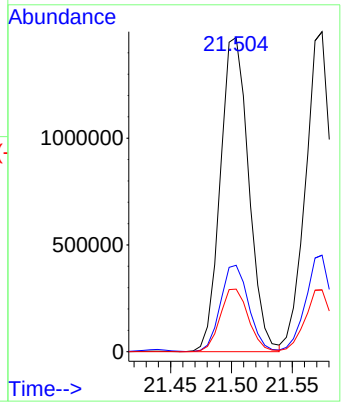


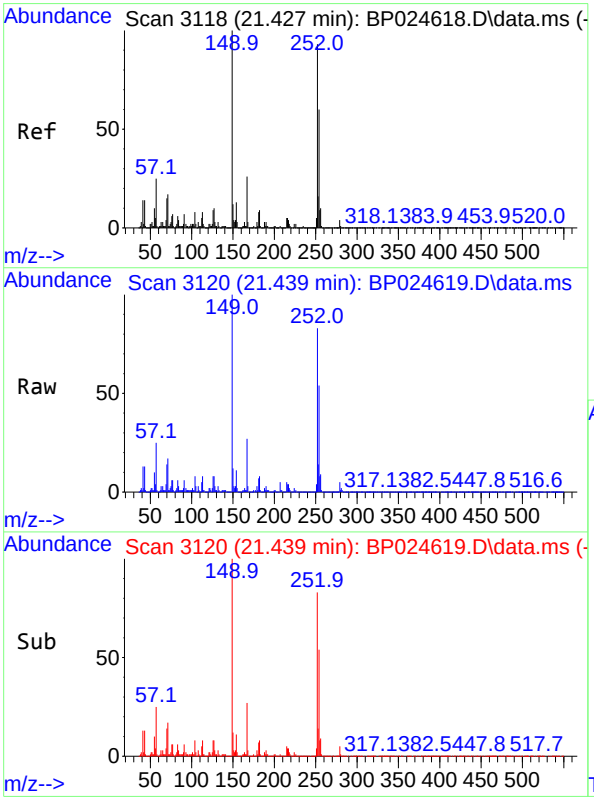
#81
Benzo(a)anthracene
Concen: 53.20 ng
RT: 21.504 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2396398

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	19.9	15.5	23.3

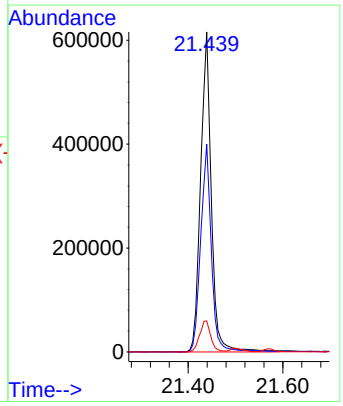


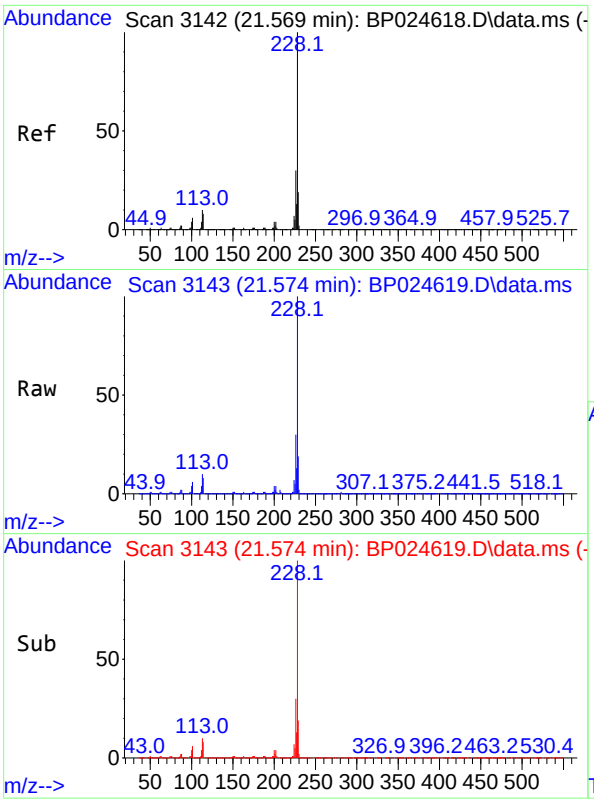


#82
3,3'-Dichlorobenzidine
Concen: 57.80 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 966906

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.8	77.6
126	9.7	7.7	11.5



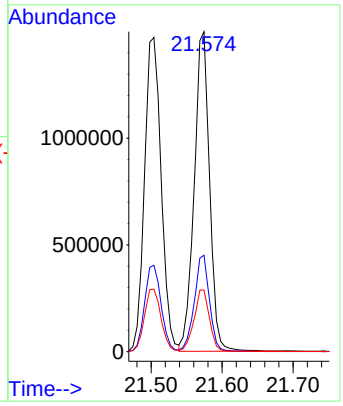


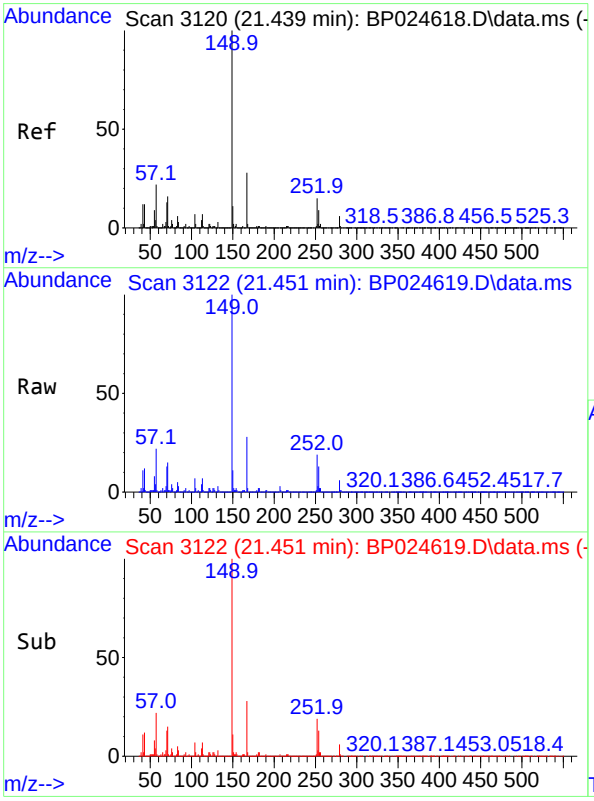
#83
Chrysene
Concen: 52.71 ng
RT: 21.574 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2250800

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.3	15.5	23.3

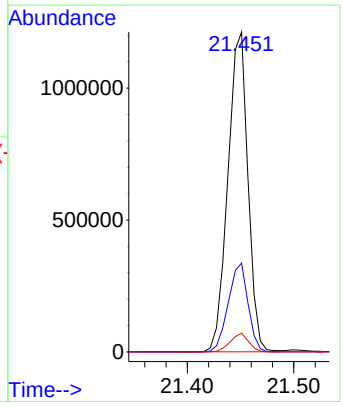


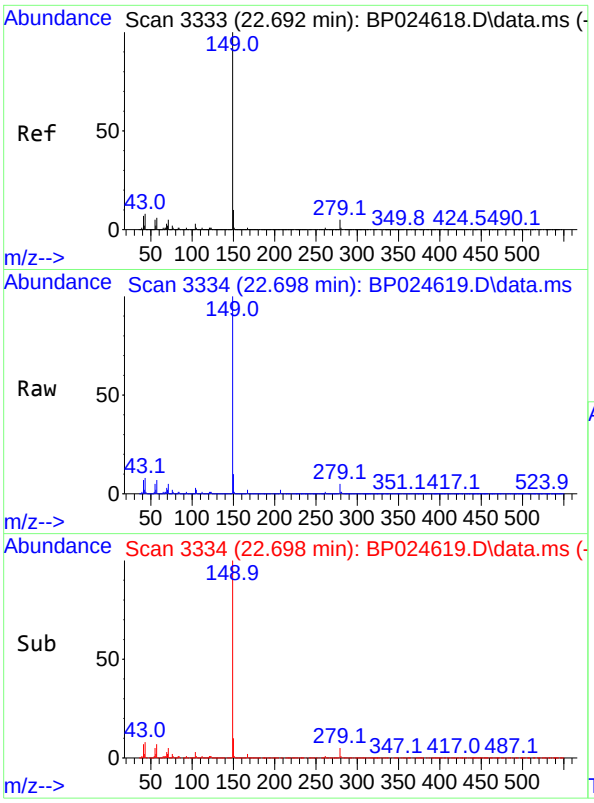


#84
Bis(2-ethylhexyl)phthalate
Concen: 56.42 ng
RT: 21.451 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:149 Resp: 1585070

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.1	33.1
279	5.9	4.6	6.8



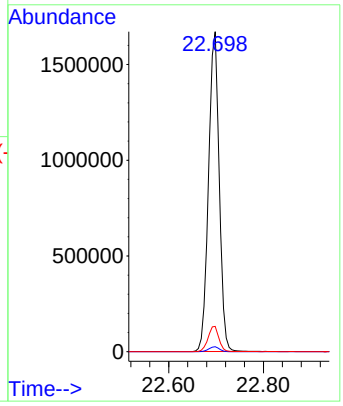


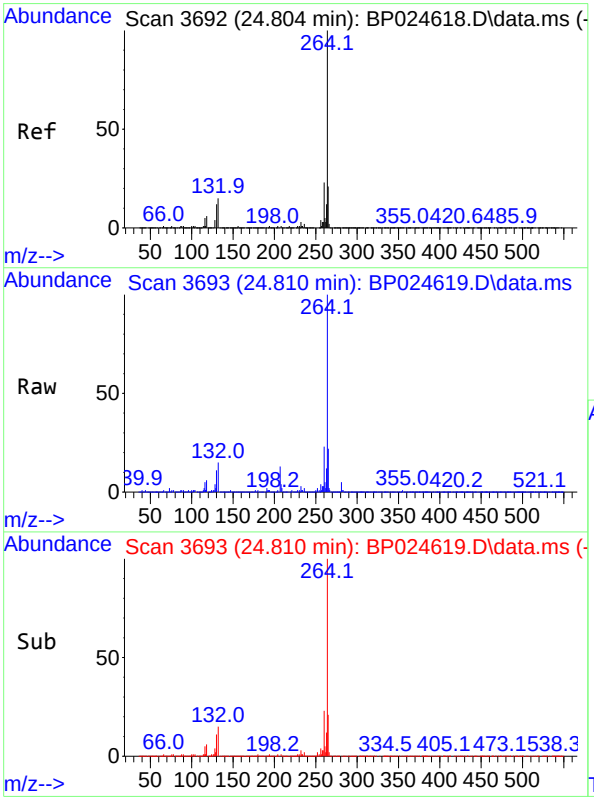
#85
Di-n-octyl phthalate
Concen: 56.91 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 2614856

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.3	9.5

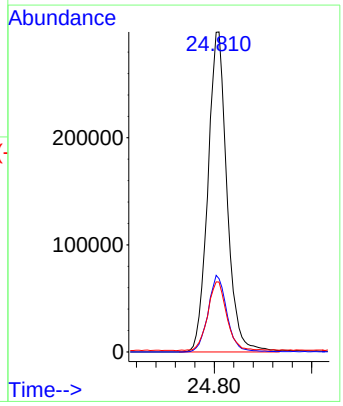


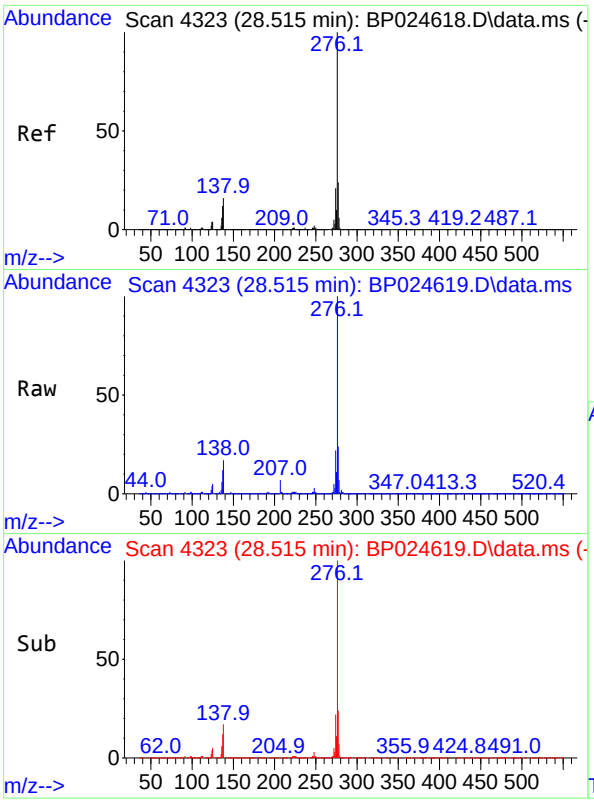


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:264 Resp: 811421

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.9	17.0	25.6



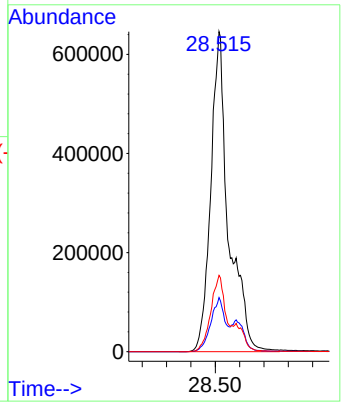


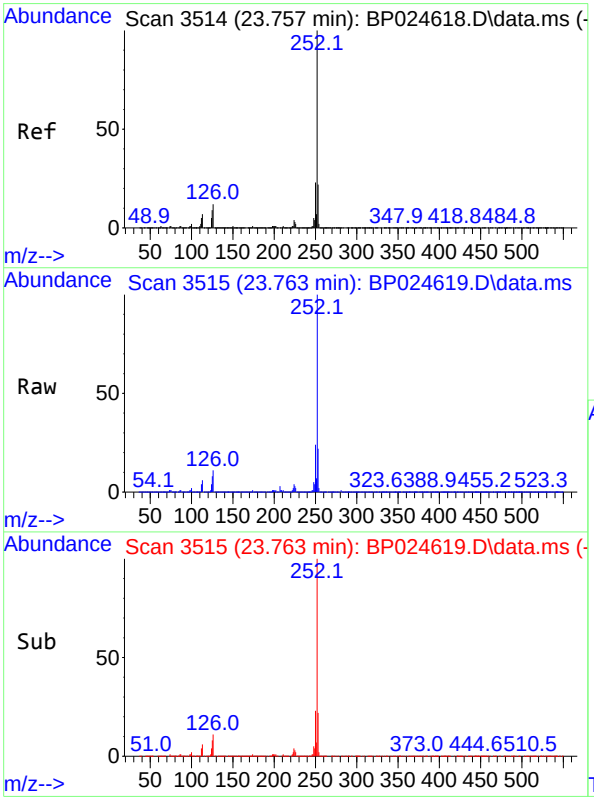
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.06 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 3262830

Ion	Ratio	Lower	Upper
276	100		
138	13.6	11.2	16.8
277	19.3	15.7	23.5

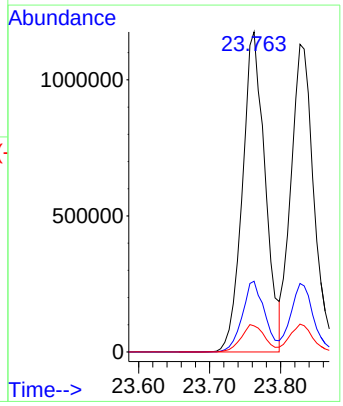


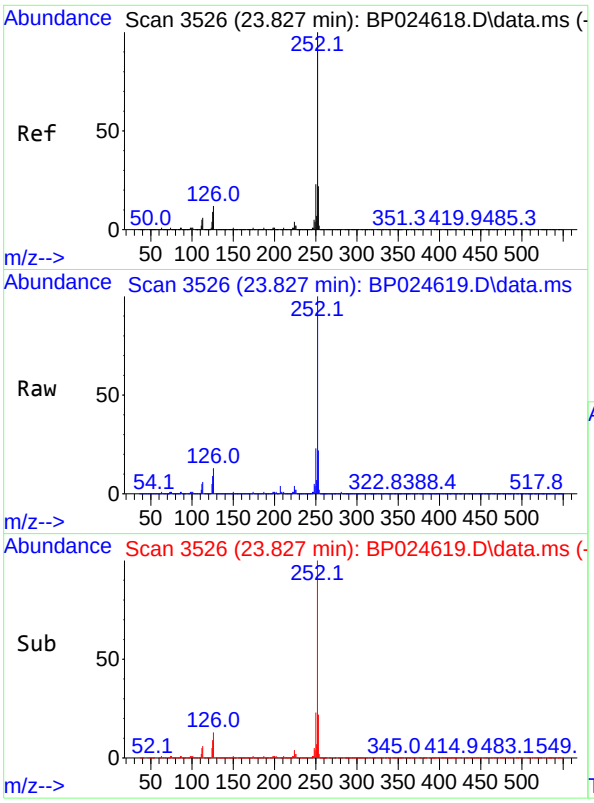


#88
Benzo(b)fluoranthene
Concen: 56.25 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2612438

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.2	7.5	11.3



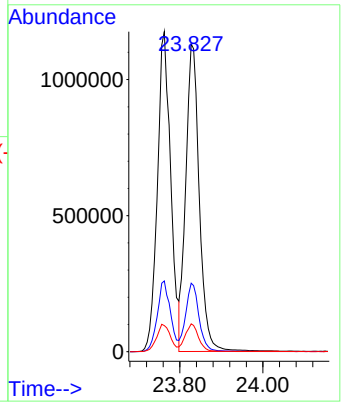


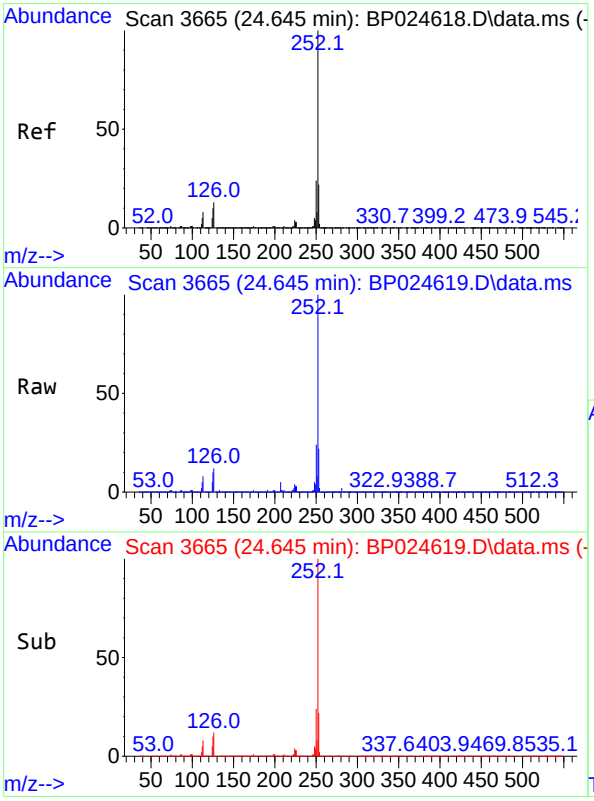
#89
Benzo(k)fluoranthene
Concen: 53.34 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 2552663

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.1	7.0	10.4

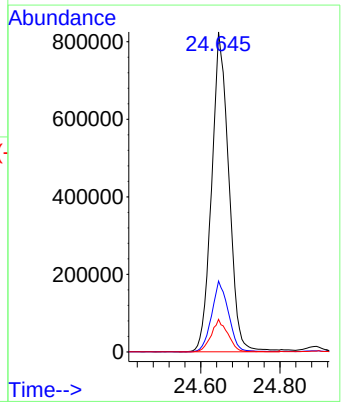


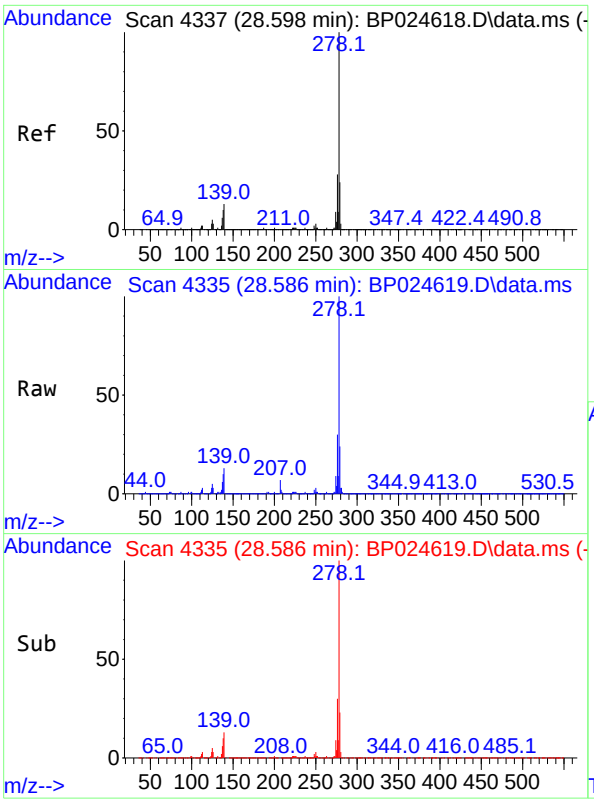


#90
Benzo(a)pyrene
Concen: 55.51 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:252 Resp: 2475976

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.2	8.1	12.1



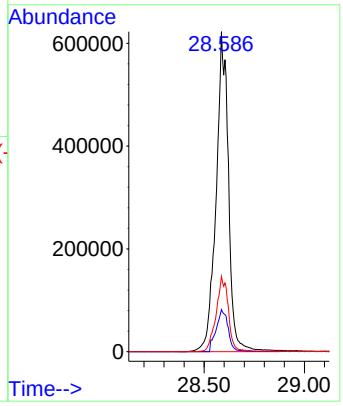


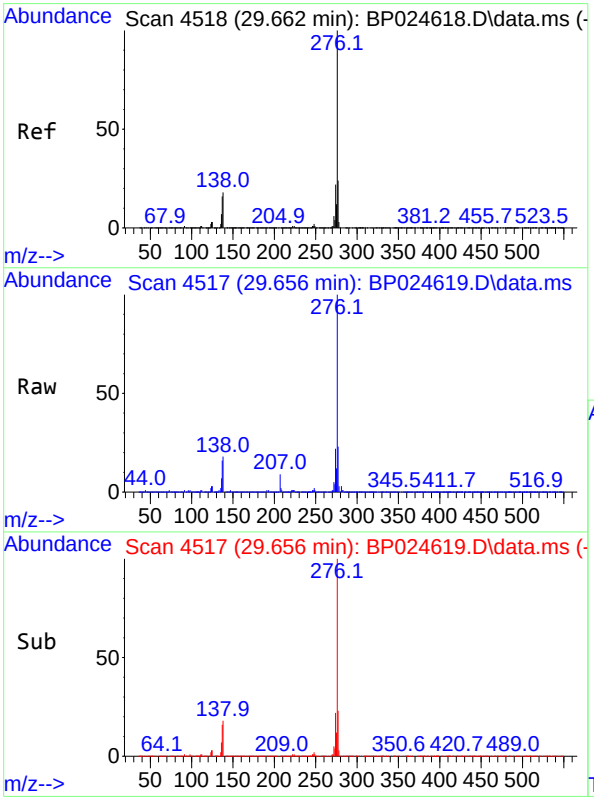
#91
Dibenzo(a,h)anthracene
Concen: 55.60 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 2679367

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.2	15.4
279	23.5	19.0	28.4

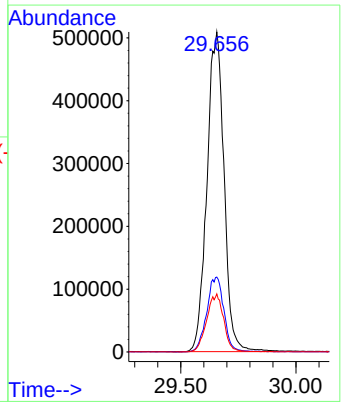




#92
Benzo(g,h,i)perylene
Concen: 54.79 ng
RT: 29.656 min Scan# 4517
Delta R.T. -0.006 min
Lab File: BP024619.D
Acq: 13 May 2025 14:05

Tgt Ion:276 Resp: 2625625

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	18.2	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	106955	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	484921	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	325327	20.00	ng		-0.01
64) Phenanthrene-d10	17.086	188	646756	20.00	ng		-0.01
76) Chrysene-d12	21.521	240	726281	20.00	ng		0.00
86) Perylene-d12	24.810	264	822943	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	784577	125.47	ng		0.00
7) Phenol-d6	6.858	99	1039562	130.26	ng		0.00
23) Nitrobenzene-d5	8.816	82	1188192	123.80	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	696428	126.27	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	2956939	119.08	ng		0.00
79) Terphenyl-d14	19.822	244	5119872	120.88	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	170174	57.95	ng		99
3) Pyridine	3.617	79	419426	64.42	ng		98
4) n-Nitrosodimethylamine	3.528	42	178836	62.22	ng		99
6) Aniline	7.005	93	670773	65.10	ng		100
8) 2-Chlorophenol	7.240	128	459952	64.79	ng		99
9) Benzaldehyde	6.816	77	305987	59.33	ng		98
10) Phenol	6.881	94	535743	65.04	ng		99
11) bis(2-Chloroethyl)ether	7.099	93	416957	61.60	ng		99
12) 1,3-Dichlorobenzene	7.552	146	496139	60.75	ng		99
13) 1,4-Dichlorobenzene	7.699	146	502743	61.20	ng		99
14) 1,2-Dichlorobenzene	8.010	146	490458	61.27	ng		99
15) Benzyl Alcohol	7.910	79	413146	68.12	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	501972	61.93	ng		98
17) 2-Methylphenol	8.110	107	389272	65.89	ng		98
18) Hexachloroethane	8.728	117	191530	60.85	ng		97
19) n-Nitroso-di-n-propyla...	8.463	70	363059	65.76	ng		99
20) 3+4-Methylphenols	8.434	107	543003	67.57	ng		99
22) Acetophenone	8.481	105	744359	61.45	ng	#	98
24) Nitrobenzene	8.857	77	518098	61.34	ng		97
25) Isophorone	9.381	82	1048461	62.98	ng		99
26) 2-Nitrophenol	9.557	139	278764	67.36	ng		99
27) 2,4-Dimethylphenol	9.622	122	462148	63.34	ng		100
28) bis(2-Chloroethoxy)met...	9.851	93	610221	61.35	ng		99
29) 2,4-Dichlorophenol	10.093	162	459806	65.03	ng		98
30) 1,2,4-Trichlorobenzene	10.299	180	478505	60.05	ng		97
31) Naphthalene	10.487	128	1508460	60.03	ng		100
32) Benzoic acid	9.799	122	319375	60.53	ng		99
33) 4-Chloroaniline	10.599	127	671888	66.26	ng		99
34) Hexachlorobutadiene	10.769	225	303458	58.79	ng		98
35) Caprolactam	11.404	113	175653	68.70	ng		97
36) 4-Chloro-3-methylphenol	11.740	107	559138	64.84	ng		100
37) 2-Methylnaphthalene	12.098	142	1008171	61.96	ng		99
38) 1-Methylnaphthalene	12.316	142	1066290	61.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	566530	59.97	ng		100
41) Hexachlorocyclopentadiene	12.445	237	381621	66.62	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	400552	65.46	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

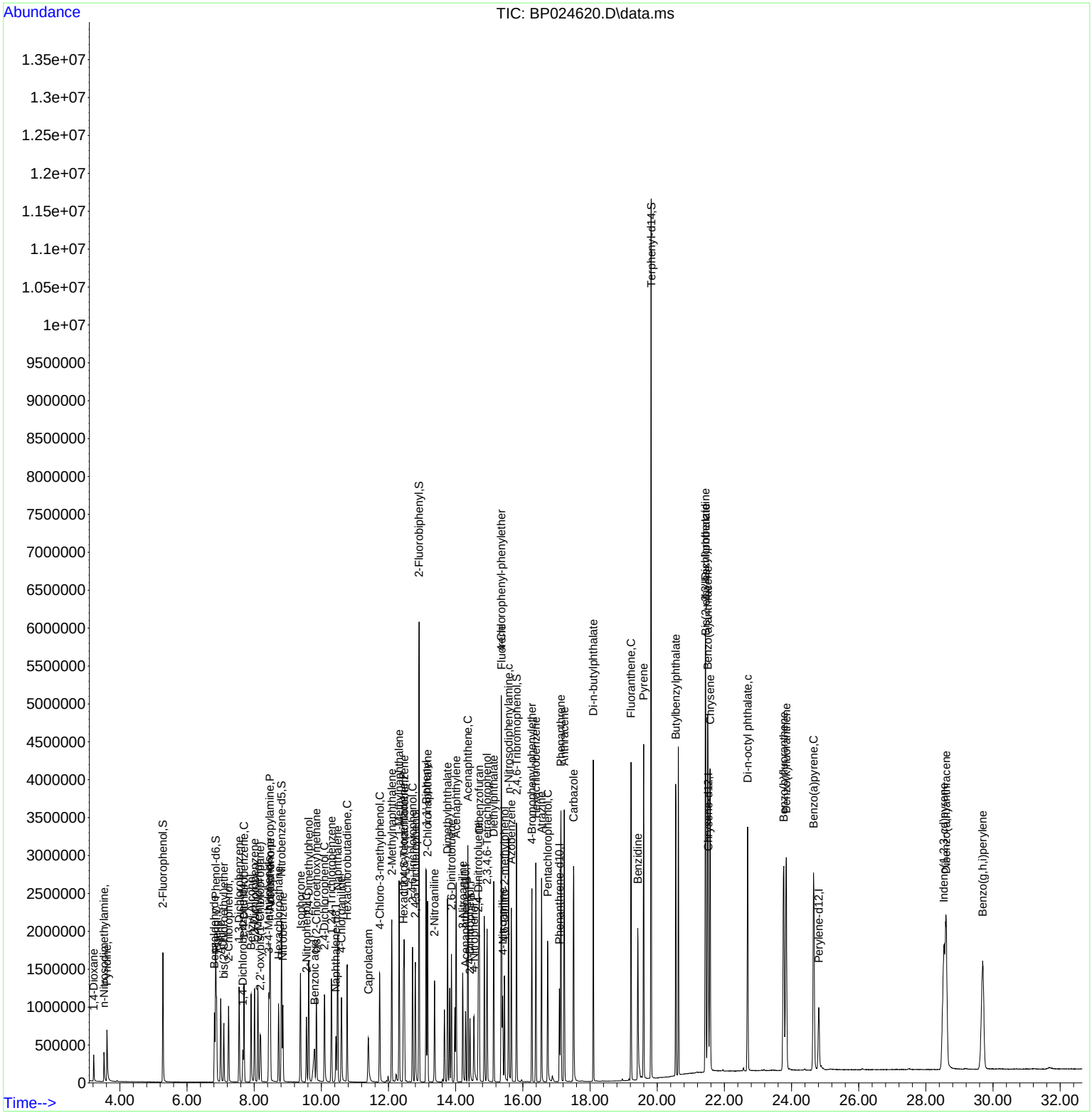
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	436361	64.06	ng		99
46) 1,1'-Biphenyl	13.122	154	1437786	59.80	ng		100
47) 2-Chloronaphthalene	13.163	162	1105298	60.29	ng		100
48) 2-Nitroaniline	13.369	65	354977	65.40	ng		98
49) Acenaphthylene	14.016	152	1884018	61.41	ng		100
50) Dimethylphthalate	13.757	163	1498318	60.42	ng		100
51) 2,6-Dinitrotoluene	13.875	165	328682	62.76	ng		99
52) Acenaphthene	14.363	154	1072483	60.80	ng		100
53) 3-Nitroaniline	14.210	138	361174	67.54	ng		99
54) 2,4-Dinitrophenol	14.428	184	196350	61.10	ng		96
55) Dibenzofuran	14.698	168	1691790	60.13	ng		99
56) 4-Nitrophenol	14.545	139	281293	61.78	ng		98
57) 2,4-Dinitrotoluene	14.675	165	471525	63.87	ng		99
58) Fluorene	15.363	166	1376412	60.00	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	396678	62.78	ng		99
60) Diethylphthalate	15.134	149	1525628	60.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	692230	60.51	ng		99
62) 4-Nitroaniline	15.404	138	354287	68.05	ng		99
63) Azobenzene	15.657	77	1310800	61.14	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	278024	66.55	ng		95
66) n-Nitrosodiphenylamine	15.575	169	1205525	60.68	ng		100
67) 4-Bromophenyl-phenylether	16.269	248	469127	61.56	ng		99
68) Hexachlorobenzene	16.386	284	590615	60.99	ng		99
69) Atrazine	16.557	200	460742	63.29	ng		98
70) Pentachlorophenol	16.739	266	371465	68.29	ng		99
71) Phenanthrene	17.133	178	2183329	60.73	ng		100
72) Anthracene	17.233	178	2210412	61.11	ng		99
73) Carbazole	17.510	167	2042777	62.39	ng		100
74) Di-n-butylphthalate	18.098	149	2644959	62.81	ng		99
75) Fluoranthene	19.222	202	2594532	61.73	ng		100
77) Benzidine	19.422	184	1304259	65.42	ng		99
78) Pyrene	19.598	202	2661811	61.17	ng		100
80) Butylbenzylphthalate	20.551	149	1243403	64.25	ng		100
81) Benzo(a)anthracene	21.504	228	2778689	60.93	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	1114122	65.77	ng		100
83) Chrysene	21.574	228	2588513	59.88	ng		100
84) Bis(2-ethylhexyl)phtha...	21.445	149	1822019	64.05	ng		99
85) Di-n-octyl phthalate	22.692	149	2998832	64.47	ng		100
87) Indeno(1,2,3-cd)pyrene	28.533	276	3824922	63.64	ng	#	92
88) Benzo(b)fluoranthene	23.768	252	2922103	62.04	ng		99
89) Benzo(k)fluoranthene	23.845	252	3055252	62.95	ng		100
90) Benzo(a)pyrene	24.657	252	2881508	63.69	ng		100
91) Dibenzo(a,h)anthracene	28.603	278	3137905	64.20	ng		99
92) Benzo(g,h,i)perylene	29.692	276	3065416	63.07	ng		100

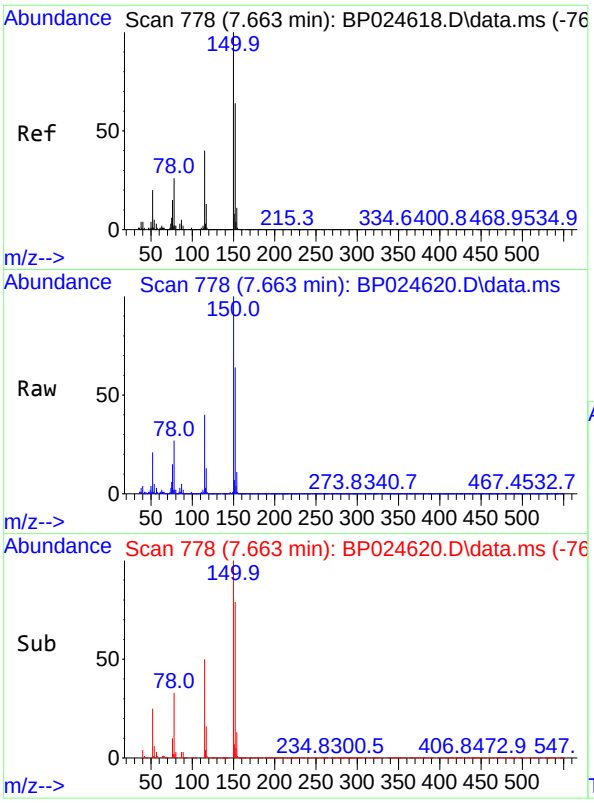
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024620.D
Acq On : 13 May 2025 14:45
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: May 13 16:08:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration



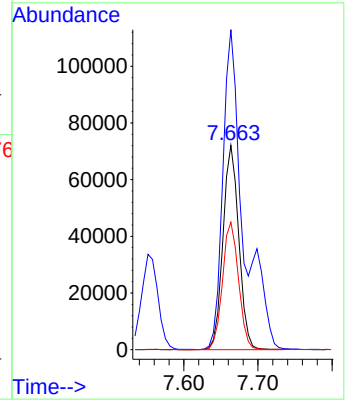


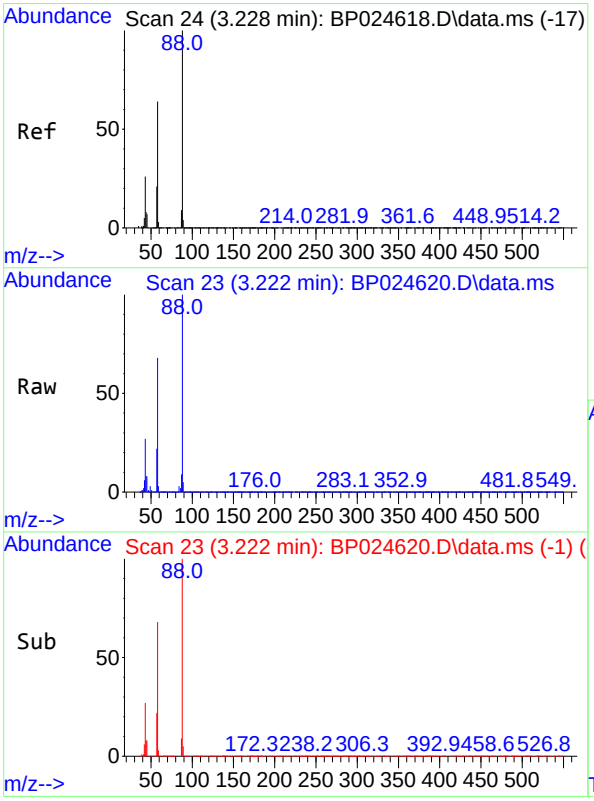
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 106955

Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.9	188.9
115	62.4	50.1	75.1

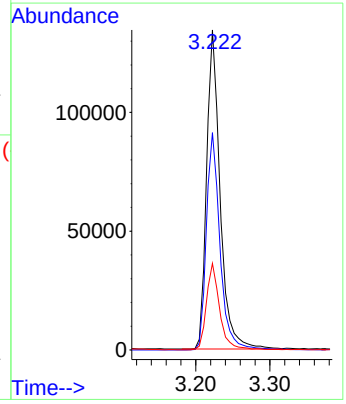


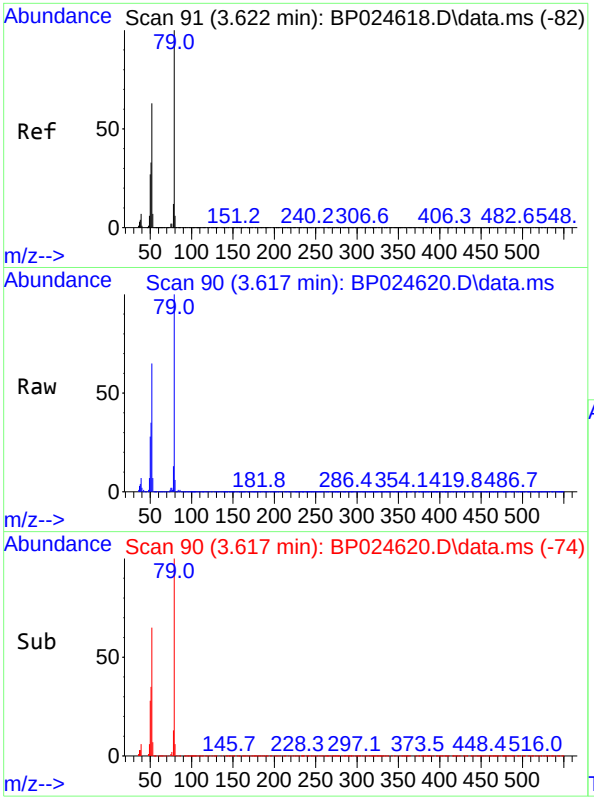


#2
1,4-Dioxane
Concen: 57.95 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 88 Resp: 170174

Ion	Ratio	Lower	Upper
88	100		
58	68.9	54.0	81.0
43	26.5	21.4	32.0



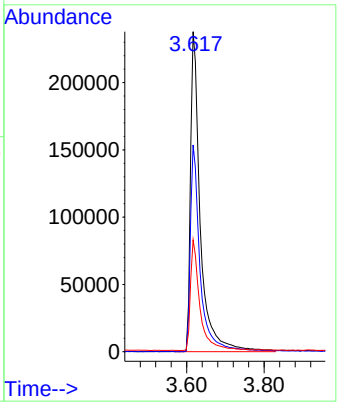


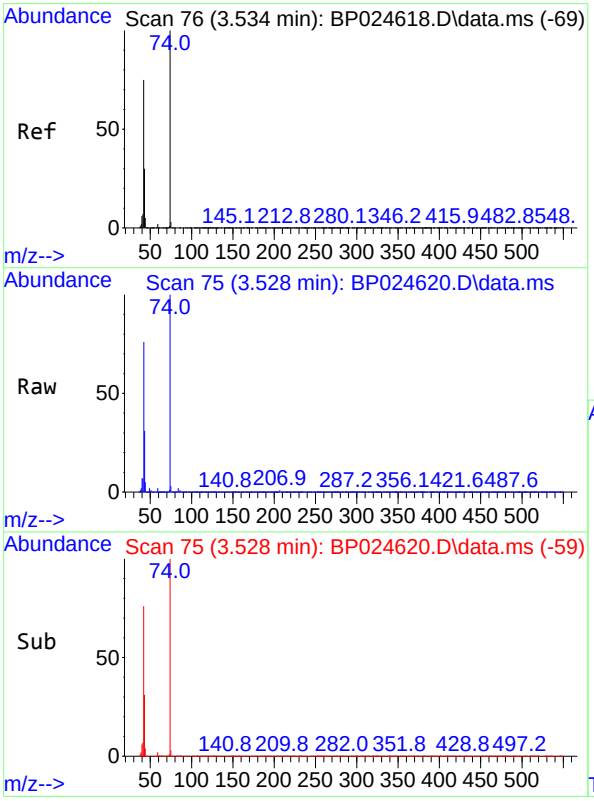
#3
Pyridine
Concen: 64.42 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 419426

Ion	Ratio	Lower	Upper
79	100		
52	64.6	50.2	75.2
51	34.9	26.8	40.2

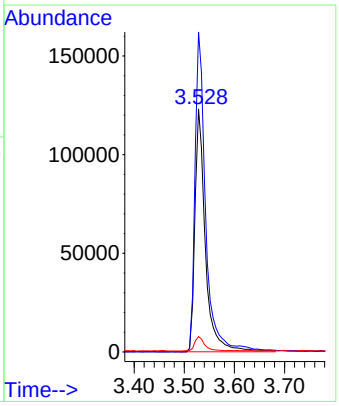


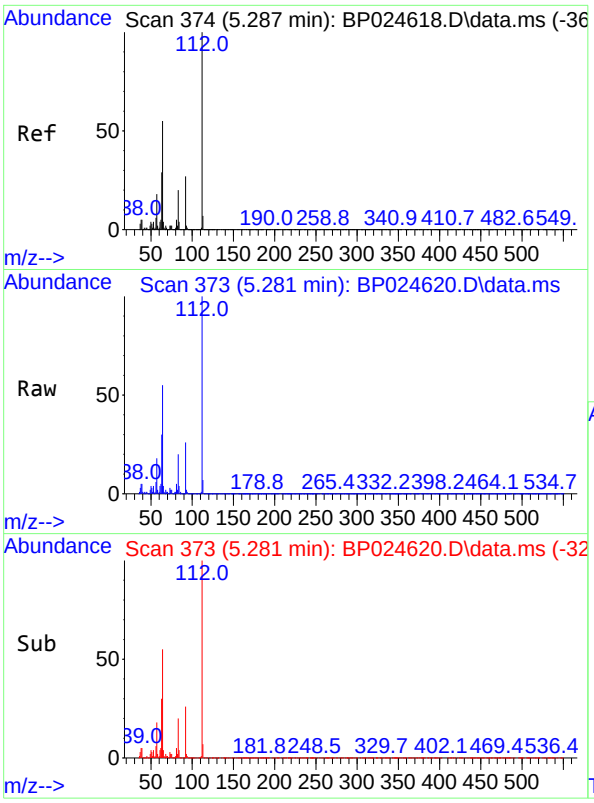


#4
n-Nitrosodimethylamine
Concen: 62.22 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 42 Resp: 178836

Ion	Ratio	Lower	Upper
42	100		
74	131.7	106.2	159.2
44	6.3	5.4	8.2



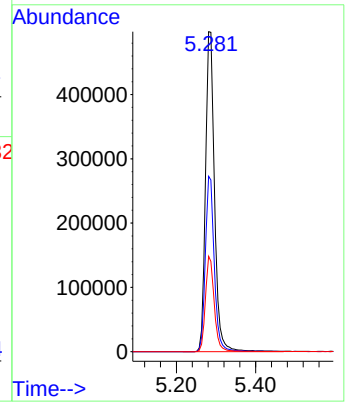


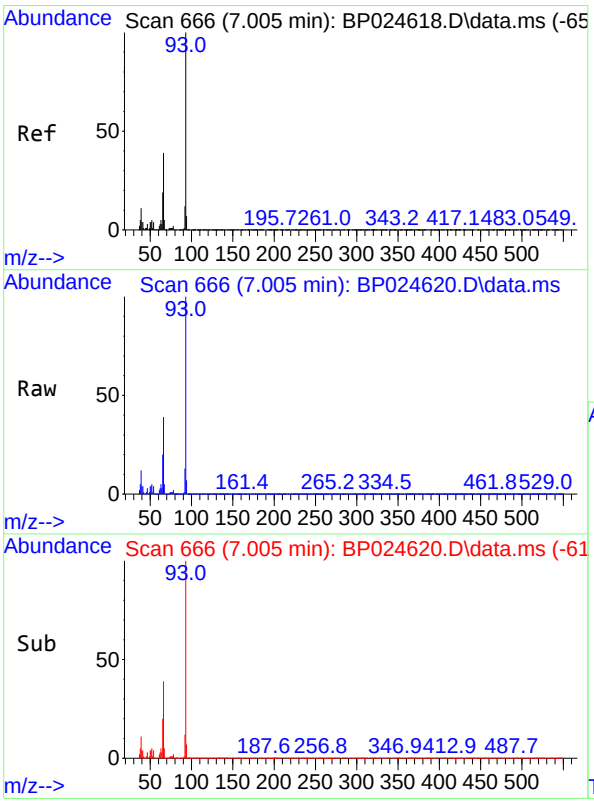
#5
2-Fluorophenol
Concen: 125.47 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 784577

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.8	23.5	35.3

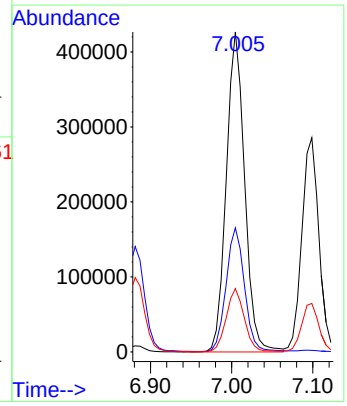


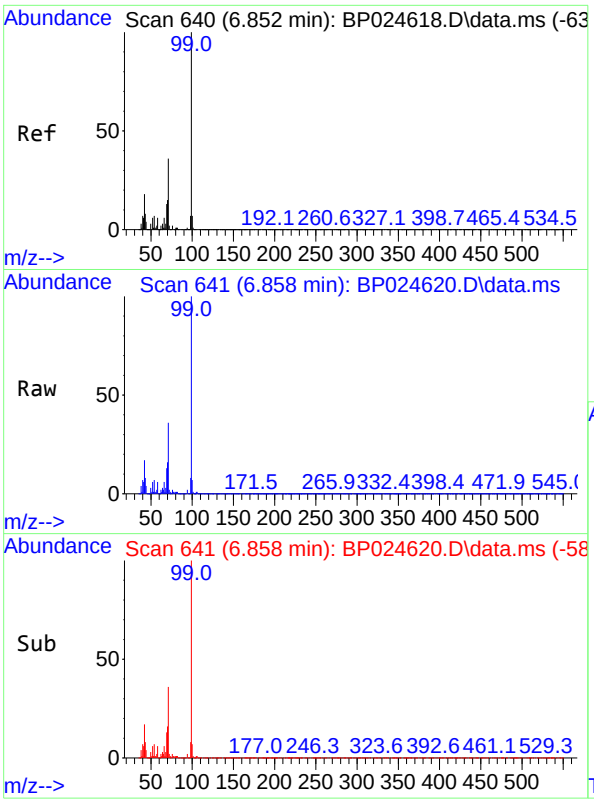


#6
Aniline
Concen: 65.10 ng
RT: 7.005 min Scan# 666
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 670773

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.8	15.5	23.3



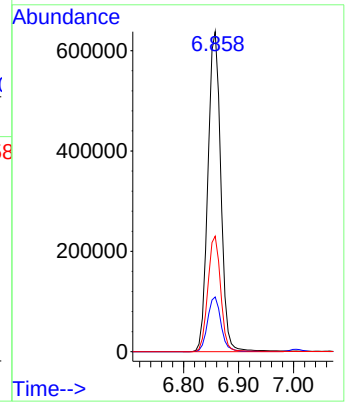


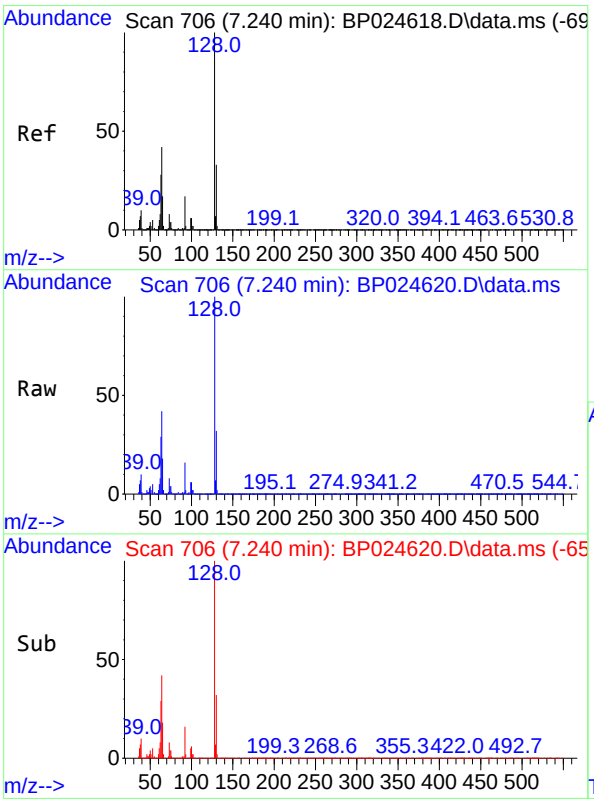
#7
Phenol-d6
Concen: 130.26 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1039562

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.4	21.6
71	36.1	29.2	43.8

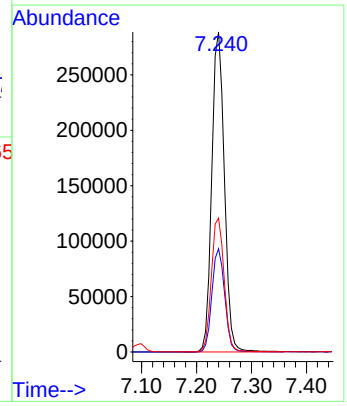


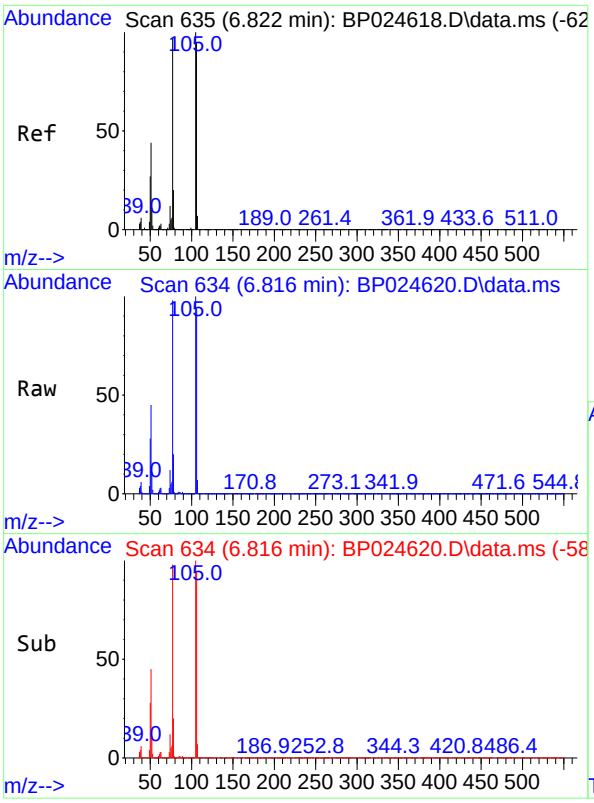


#8
2-Chlorophenol
Concen: 64.79 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:128 Resp: 459952

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.0	53.0
64	41.9	22.3	62.3



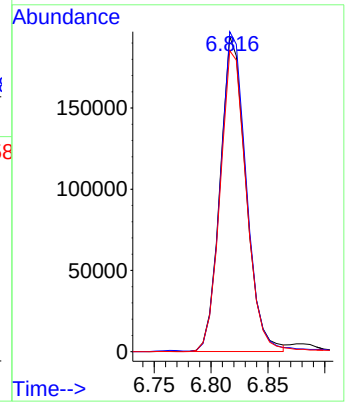


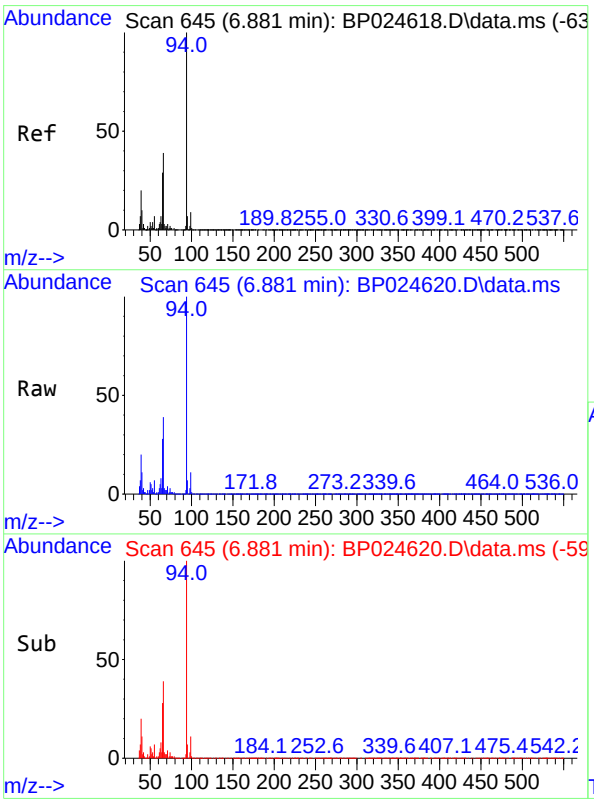
#9
Benzaldehyde
Concen: 59.33 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 305987

Ion	Ratio	Lower	Upper
77	100		
105	101.6	83.3	123.3
106	95.5	78.0	118.0

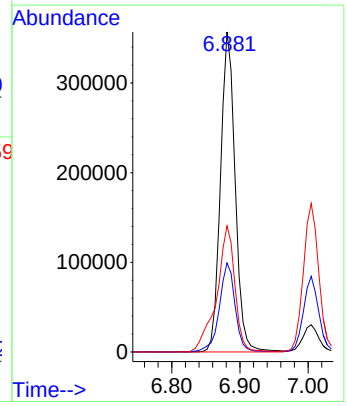


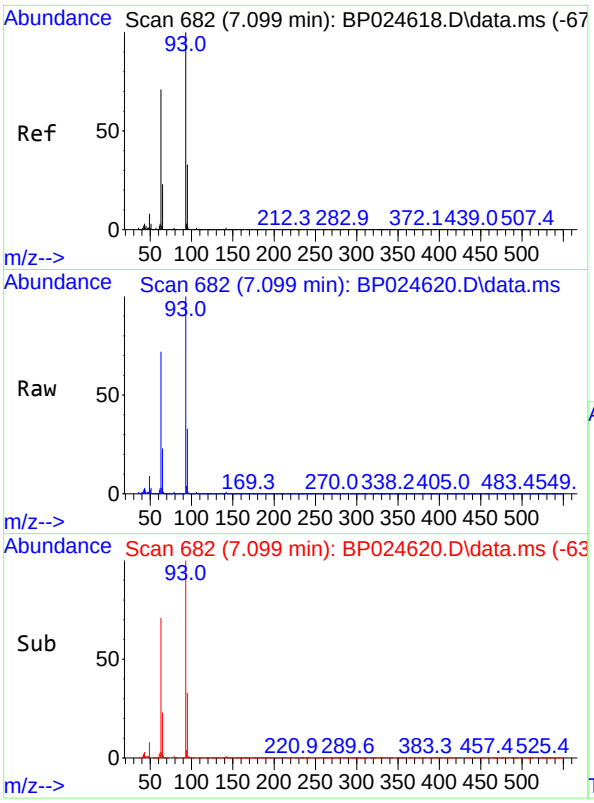


#10
Phenol
Concen: 65.04 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 94 Resp: 535743

Ion	Ratio	Lower	Upper
94	100		
65	27.8	8.7	48.7
66	39.4	19.4	59.4



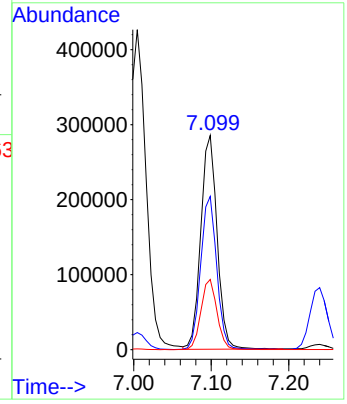


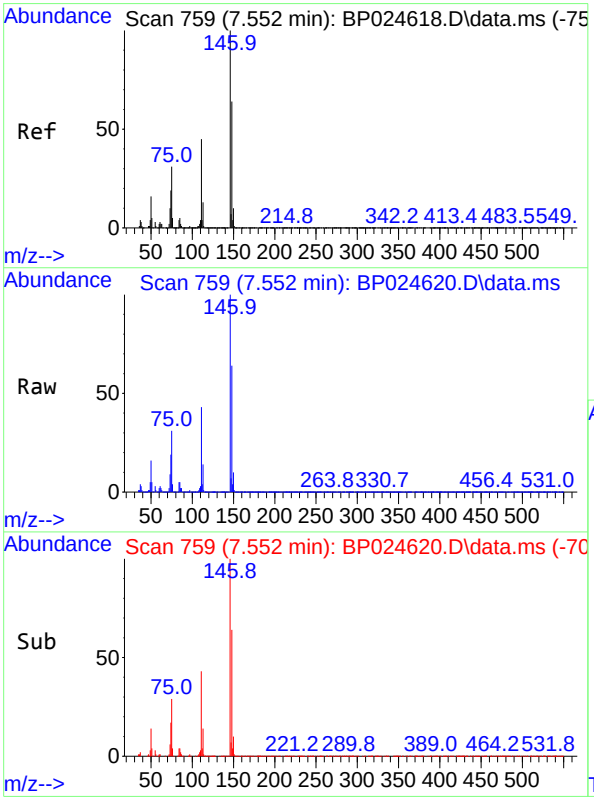
#11
bis(2-Chloroethyl)ether
Concen: 61.60 ng
RT: 7.099 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 416957

Ion	Ratio	Lower	Upper
93	100		
63	71.6	50.6	90.6
95	32.8	12.9	52.9

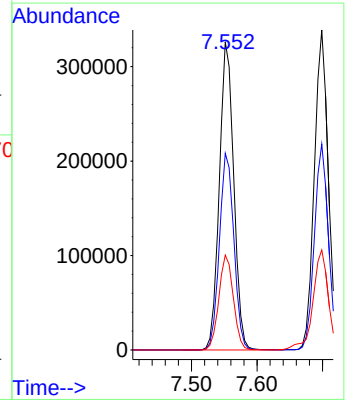


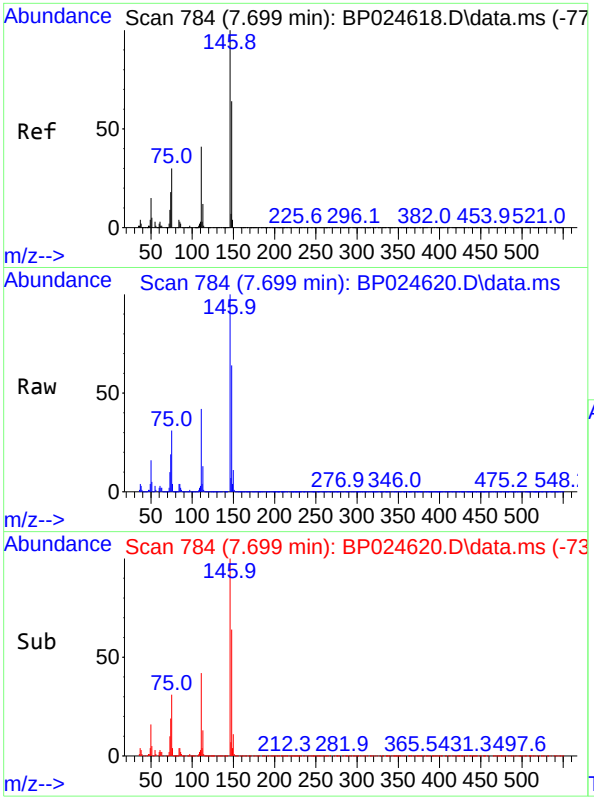


#12
1,3-Dichlorobenzene
Concen: 60.75 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 496139

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
75	30.8	25.2	37.8



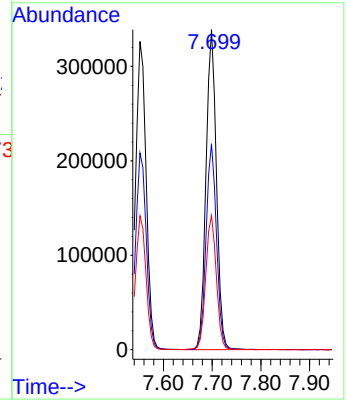


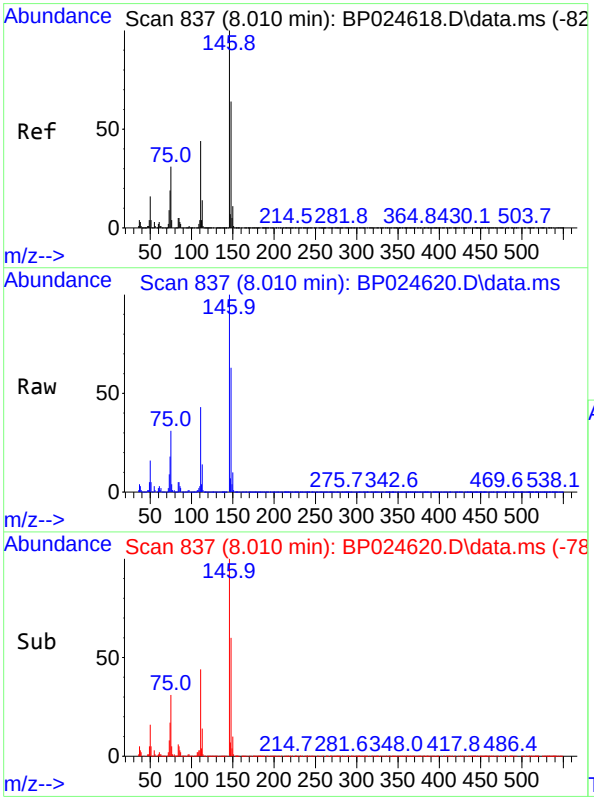
#13
1,4-Dichlorobenzene
Concen: 61.20 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 502743

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.6
111	41.9	33.0	49.6

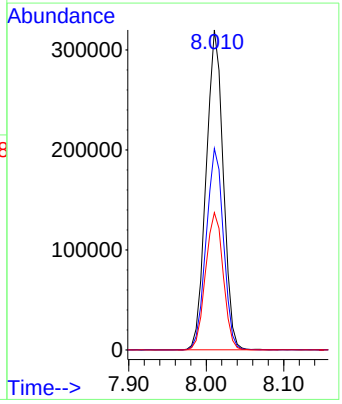


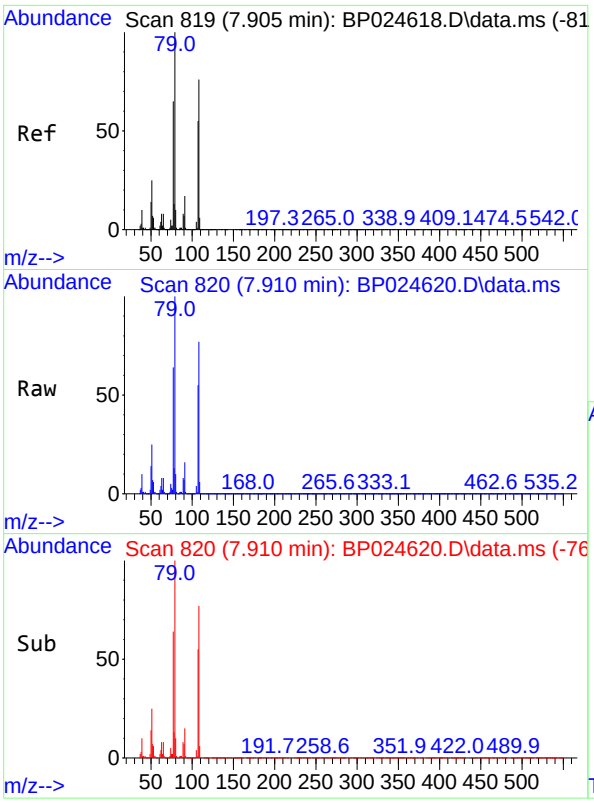


#14
1,2-Dichlorobenzene
Concen: 61.27 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:146 Resp: 490458

Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.4
111	42.9	35.2	52.8



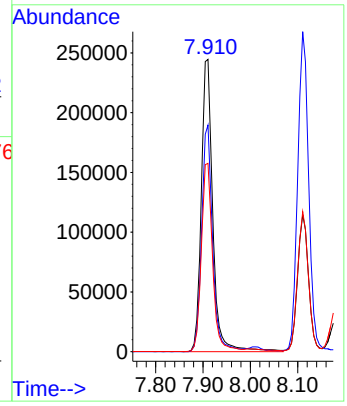


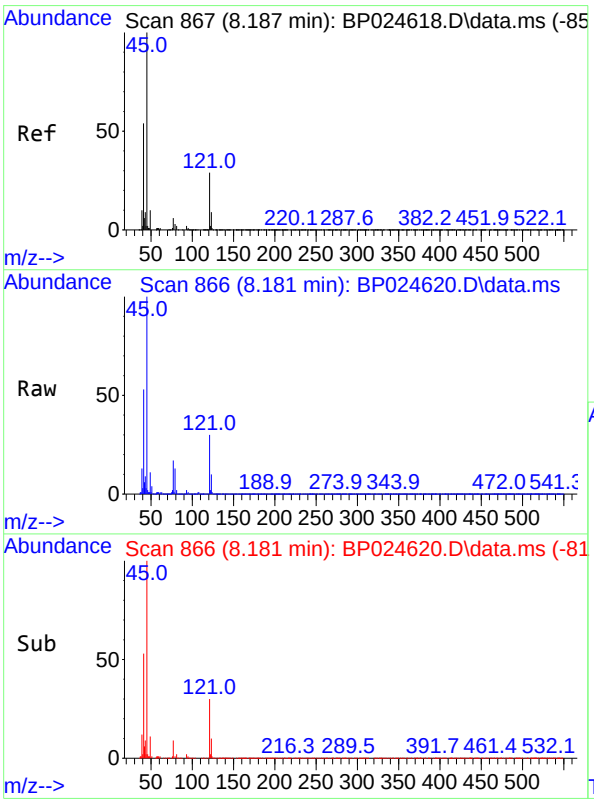
#15
Benzyl Alcohol
Concen: 68.12 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 413146

Ion	Ratio	Lower	Upper
79	100		
108	77.5	60.8	91.2
77	64.4	51.9	77.9

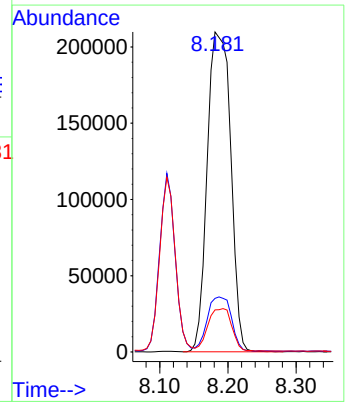


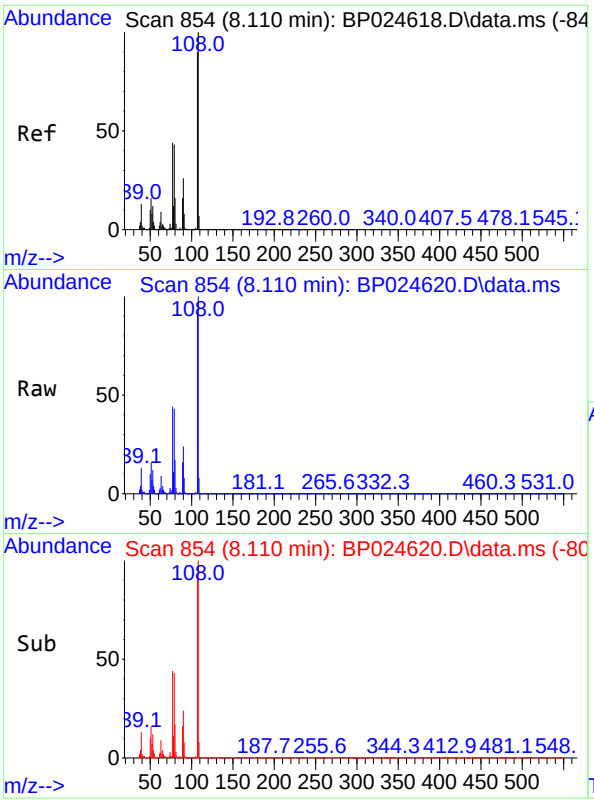


#16
2,2'-oxybis(1-Chloropropane)
Concen: 61.93 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 45 Resp: 501972

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	37.7
79	13.1	0.0	34.0



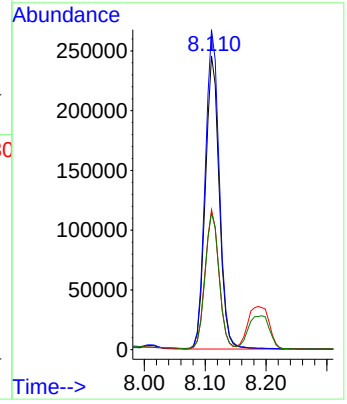


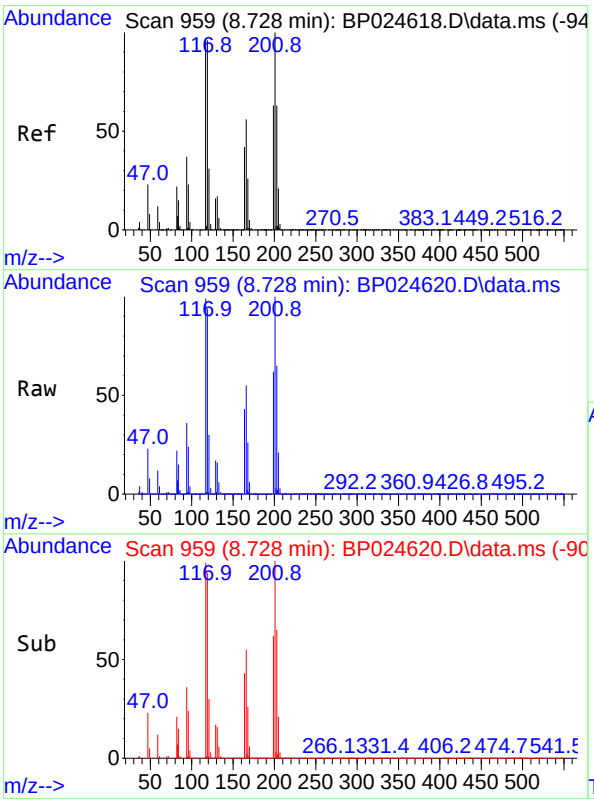
#17
2-Methylphenol
Concen: 65.89 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 389272

Ion	Ratio	Lower	Upper
107	100		
108	109.0	88.9	133.3
77	47.6	39.0	58.6
79	46.6	38.4	57.6

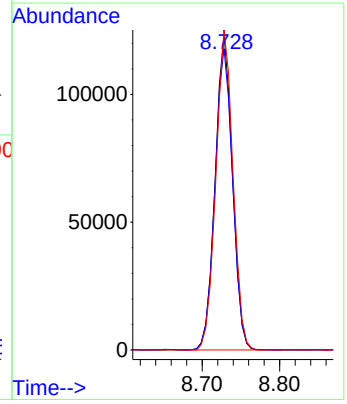


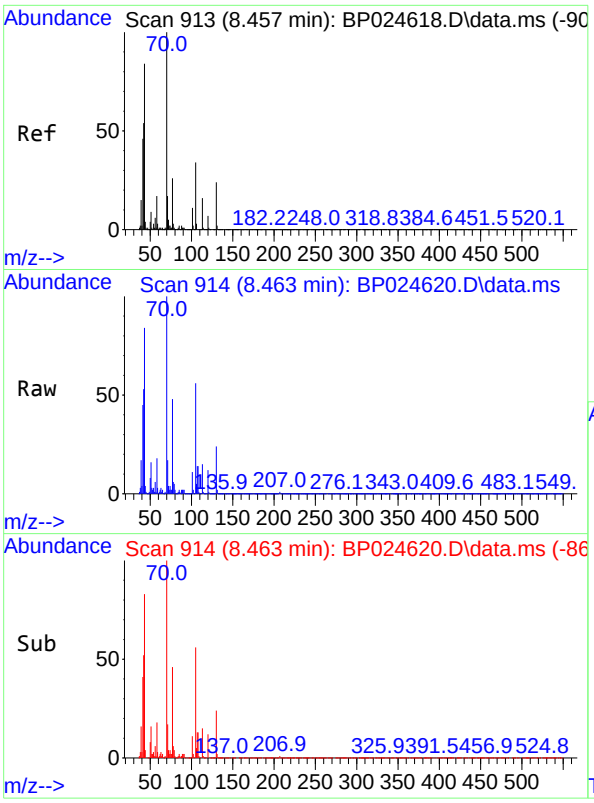


#18
Hexachloroethane
Concen: 60.85 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:117 Resp: 191530

Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.4	119.0
201	101.2	82.7	124.1



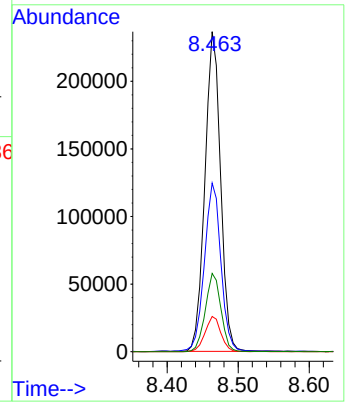


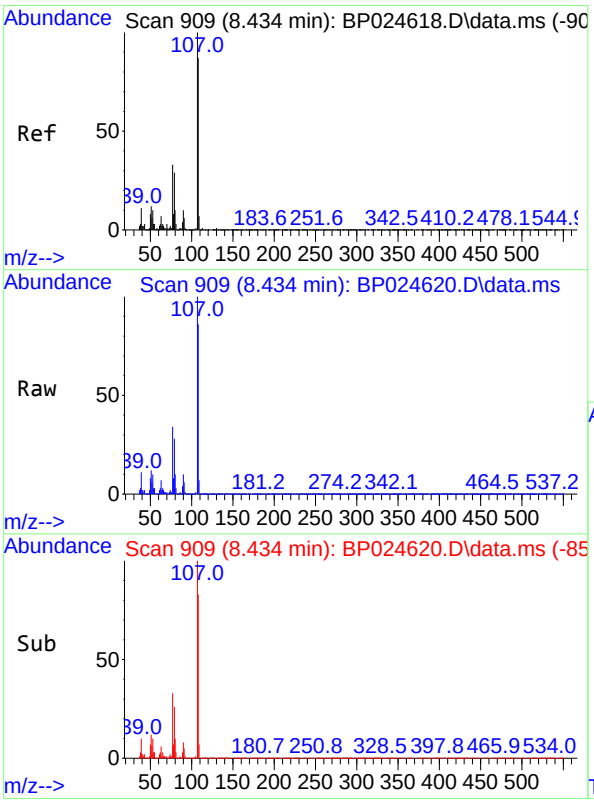
#19
n-Nitroso-di-n-propylamine
Concen: 65.76 ng
RT: 8.463 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 363059

Ion	Ratio	Lower	Upper
70	100		
42	52.7	43.0	64.6
101	11.0	8.7	13.1
130	24.4	19.4	29.0

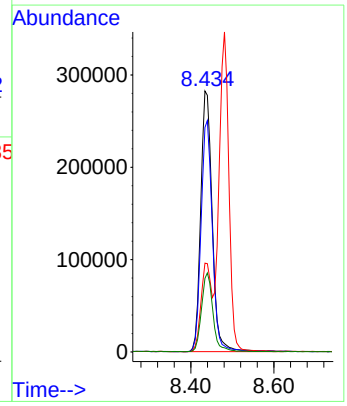


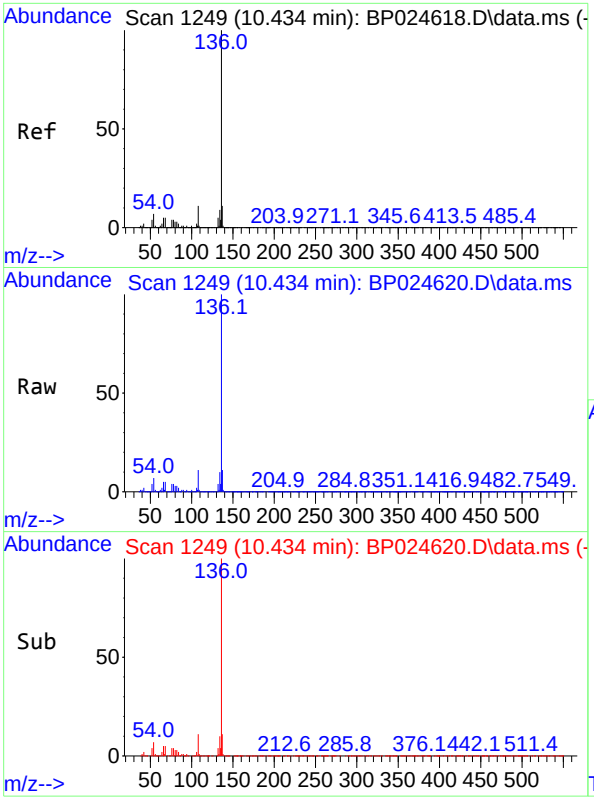


#20
3+4-Methylphenols
Concen: 67.57 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 543003

Ion	Ratio	Lower	Upper
107	100		
108	86.0	66.7	106.7
77	34.0	13.1	53.1
79	28.2	8.9	48.9



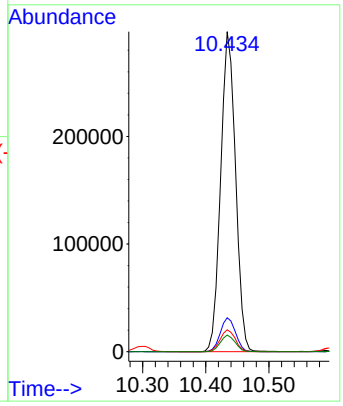


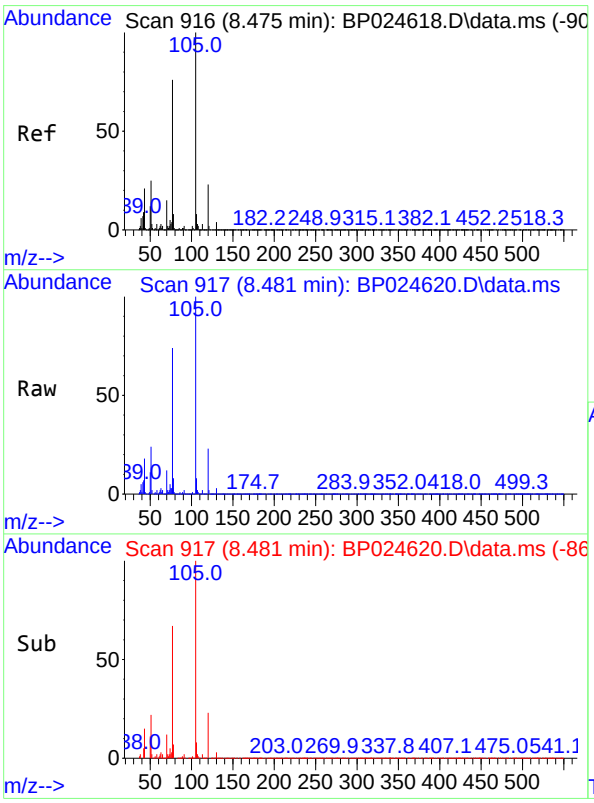
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 484921

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.8	5.5	8.3
68	5.2	4.2	6.2

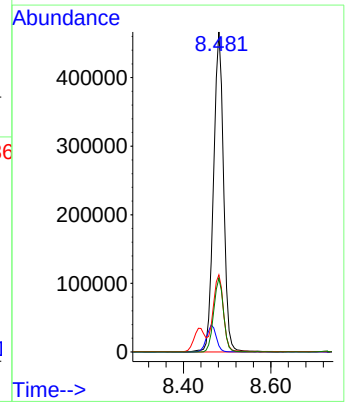


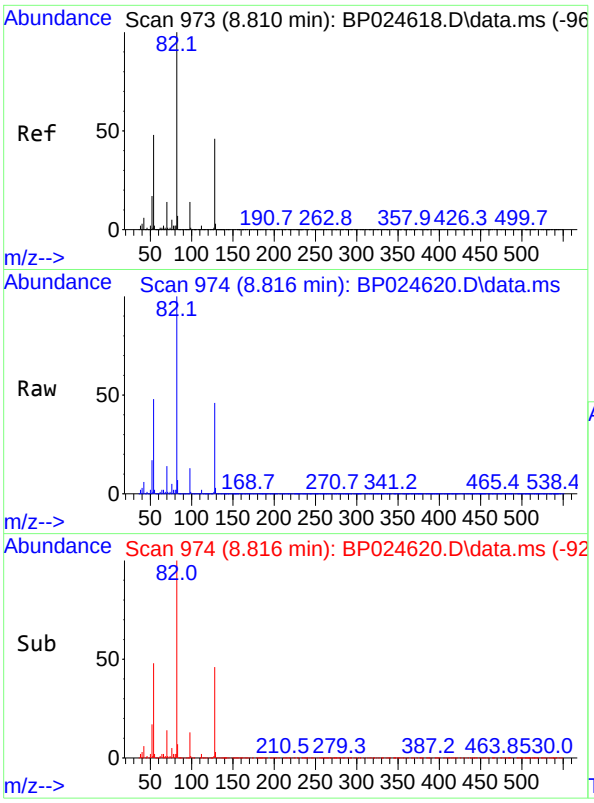


#22
Acetophenone
Concen: 61.45 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:105 Resp: 744359

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	24.1	20.4	30.6
120	23.0	18.1	27.1



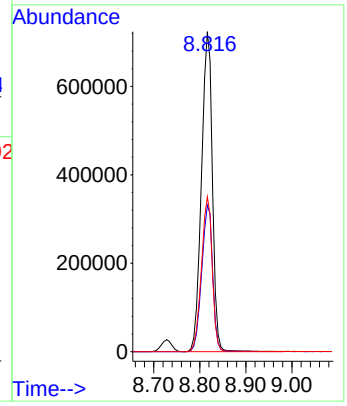


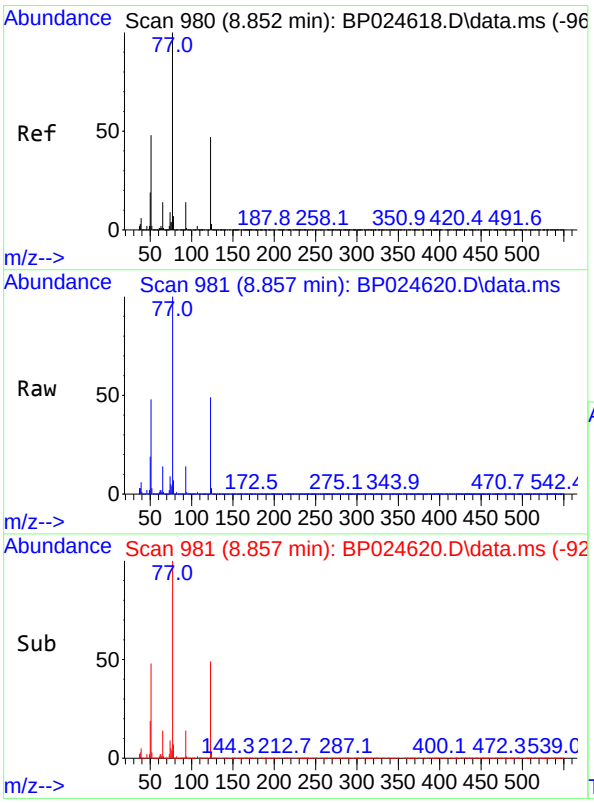
#23
Nitrobenzene-d5
Concen: 123.80 ng
RT: 8.816 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1188192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.4
54	48.4	38.7	58.1

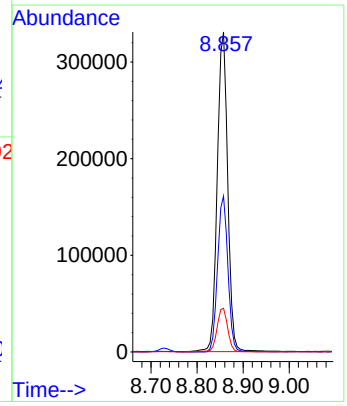


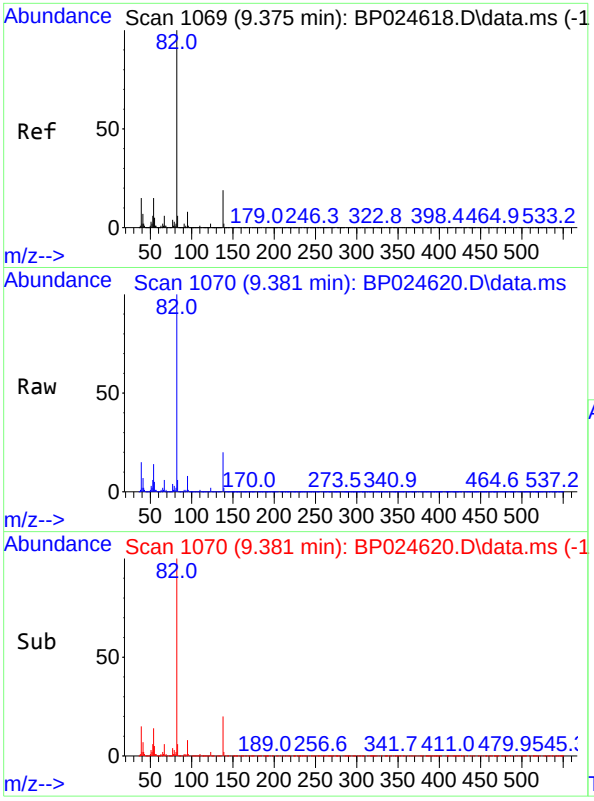


#24
Nitrobenzene
Concen: 61.34 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 77 Resp: 518098

Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.4	56.0
65	13.7	11.3	16.9



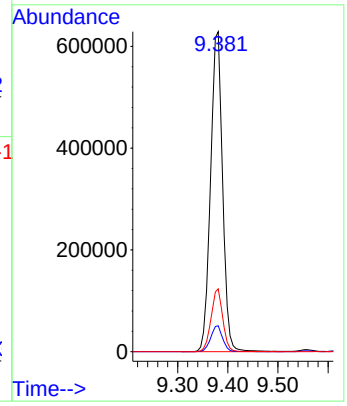


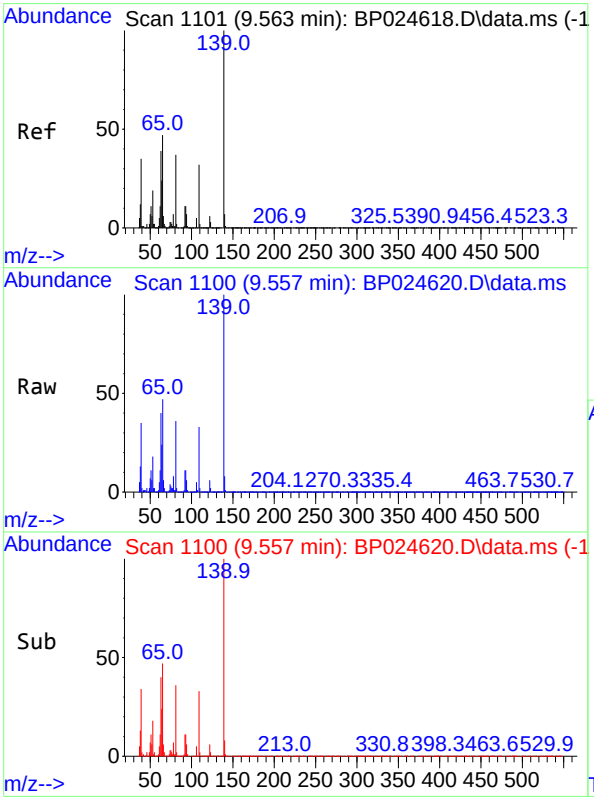
#25
Isophorone
Concen: 62.98 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1048461

Ion	Ratio	Lower	Upper
82	100		
95	8.1	6.3	9.5
138	19.7	15.3	22.9

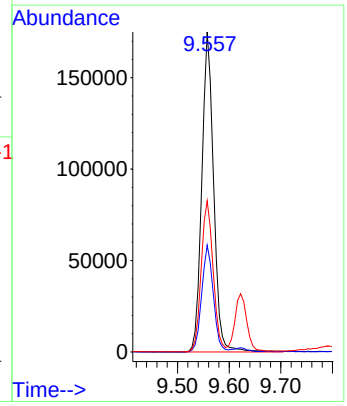


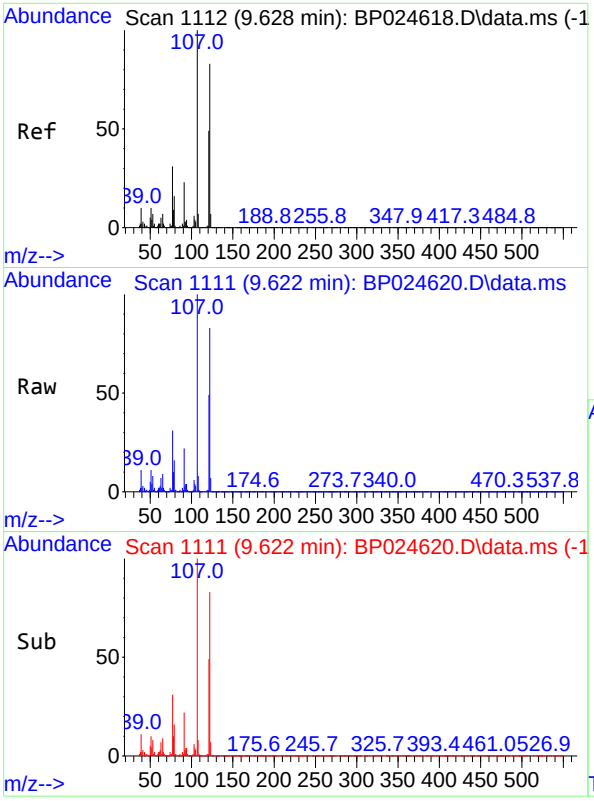


#26
2-Nitrophenol
Concen: 67.36 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 278764

Ion	Ratio	Lower	Upper
139	100		
109	33.4	25.9	38.9
65	47.3	37.9	56.9



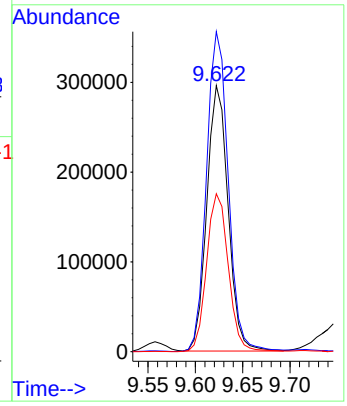


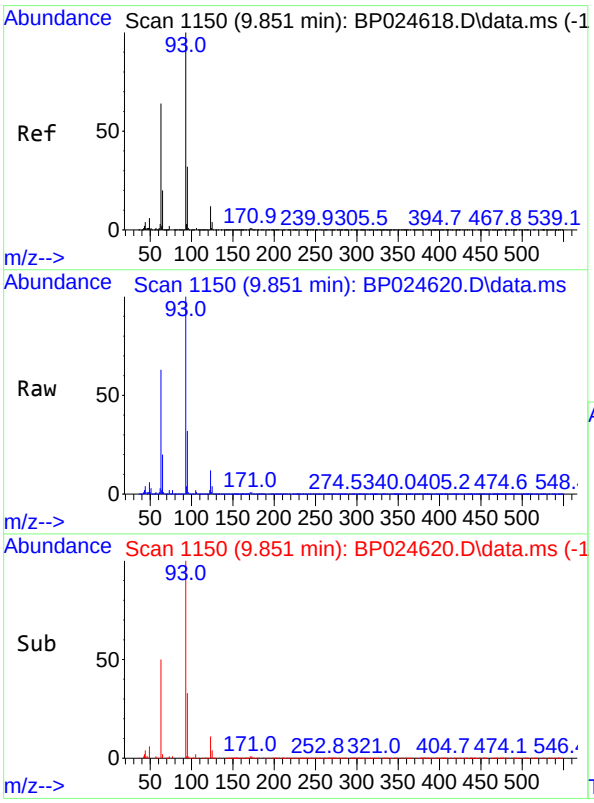
#27
2,4-Dimethylphenol
Concen: 63.34 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 462148

Ion	Ratio	Lower	Upper
122	100		
107	120.2	96.2	144.2
121	59.3	47.6	71.4

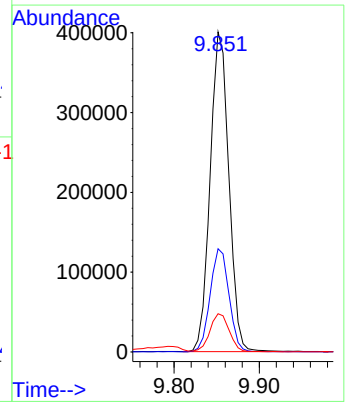


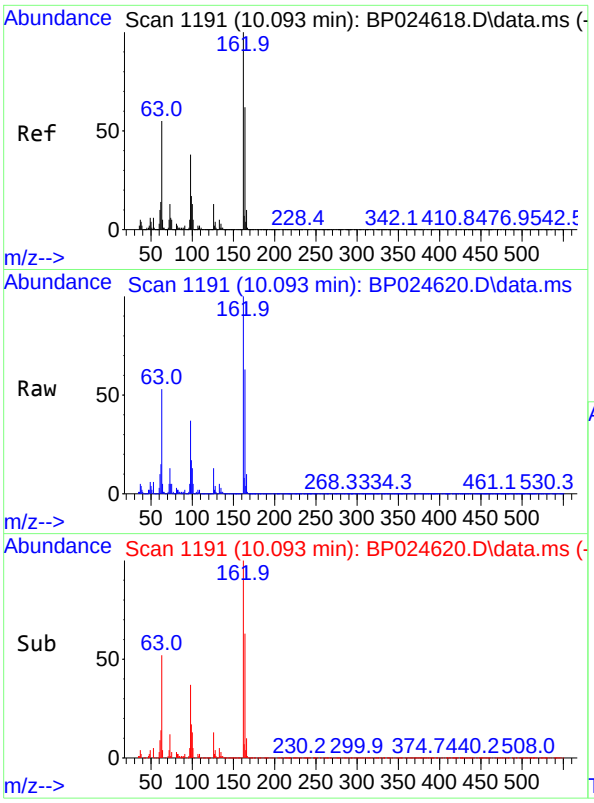


#28
bis(2-Chloroethoxy)methane
Concen: 61.35 ng
RT: 9.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 93 Resp: 610221

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.9	9.7	14.5



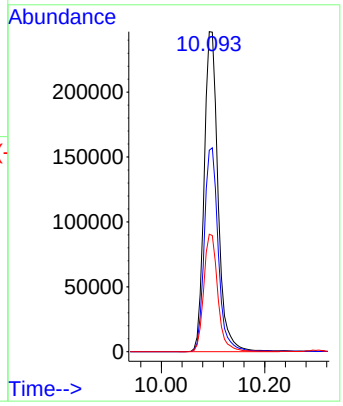


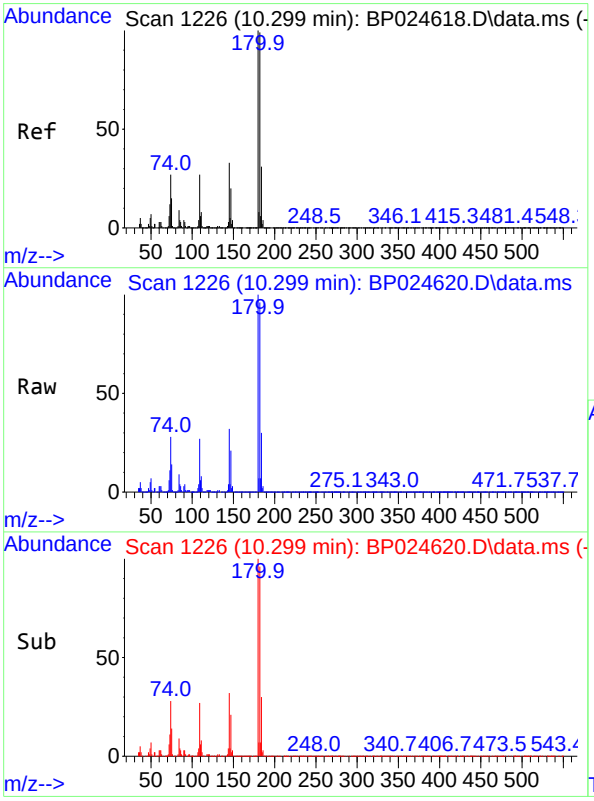
#29
2,4-Dichlorophenol
Concen: 65.03 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 459806

Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.3	82.3
98	36.7	18.4	58.4

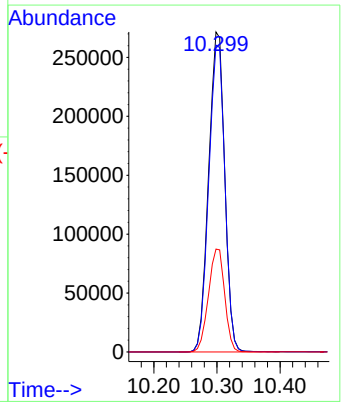


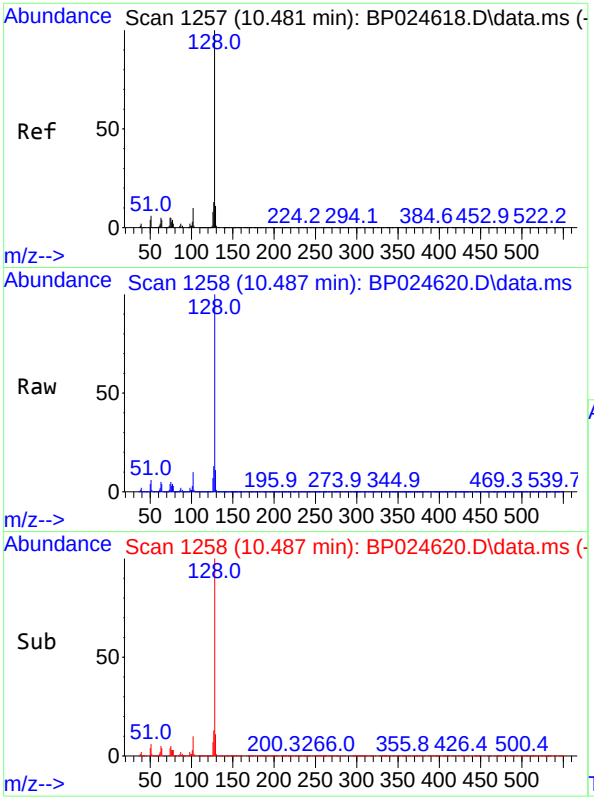


#30
1,2,4-Trichlorobenzene
Concen: 60.05 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:180 Resp: 478505

Ion	Ratio	Lower	Upper
180	100		
182	95.9	79.0	118.4
145	32.2	26.6	39.8



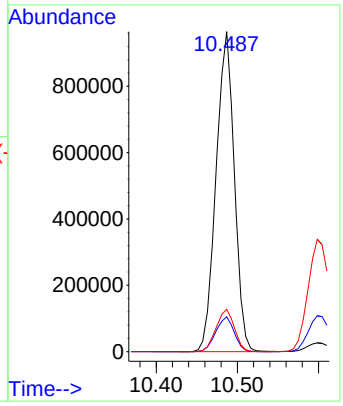


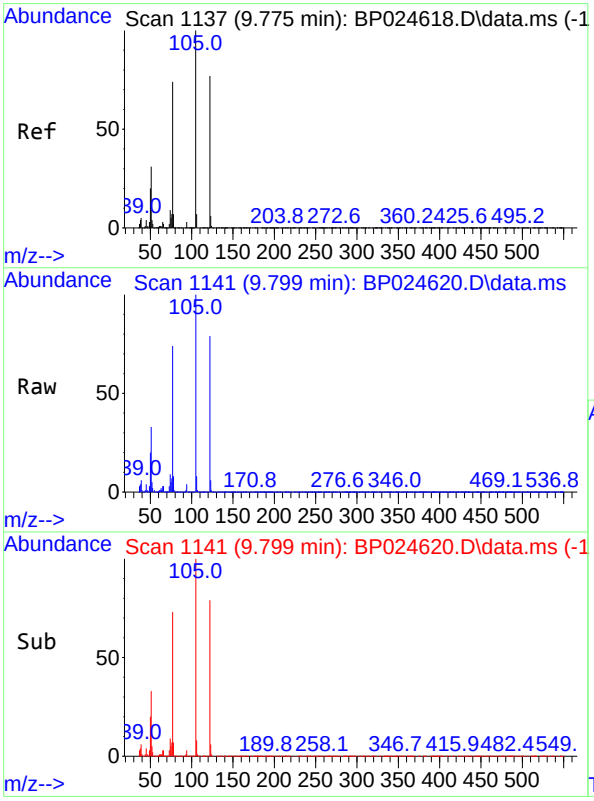
#31
Naphthalene
Concen: 60.03 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1508460

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.3	10.7	16.1

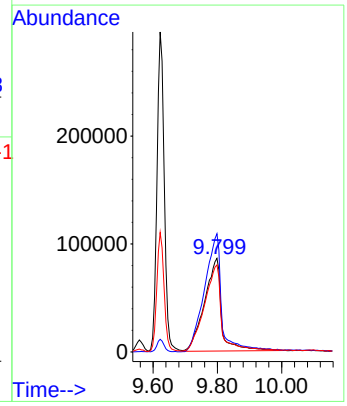


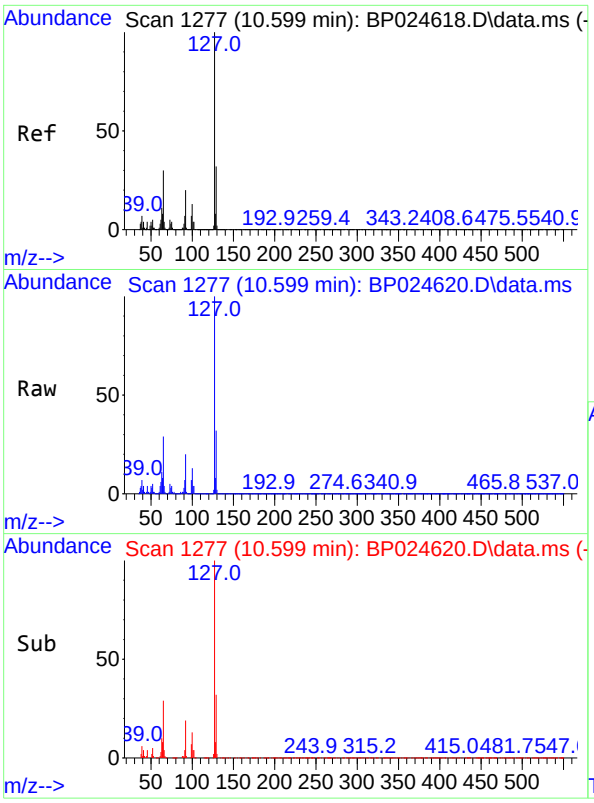


#32
Benzoic acid
Concen: 60.53 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:122 Resp: 319375

Ion	Ratio	Lower	Upper
122	100		
105	126.3	106.9	146.9
77	93.0	75.1	115.1



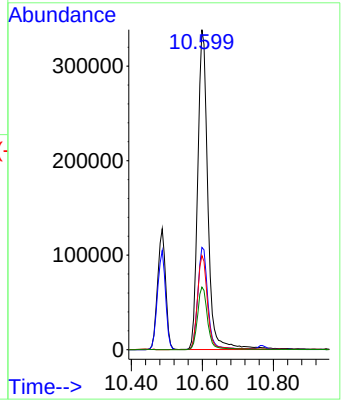


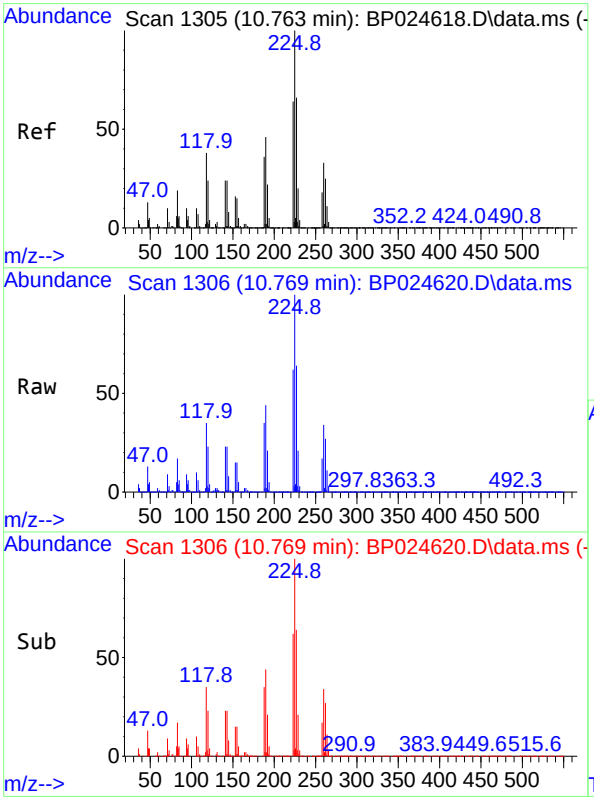
#33
4-Chloroaniline
Concen: 66.26 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 671888

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	29.4	23.9	35.9
92	19.6	16.1	24.1

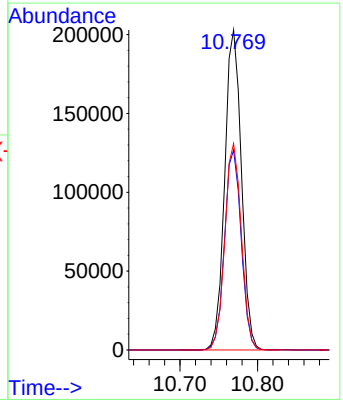


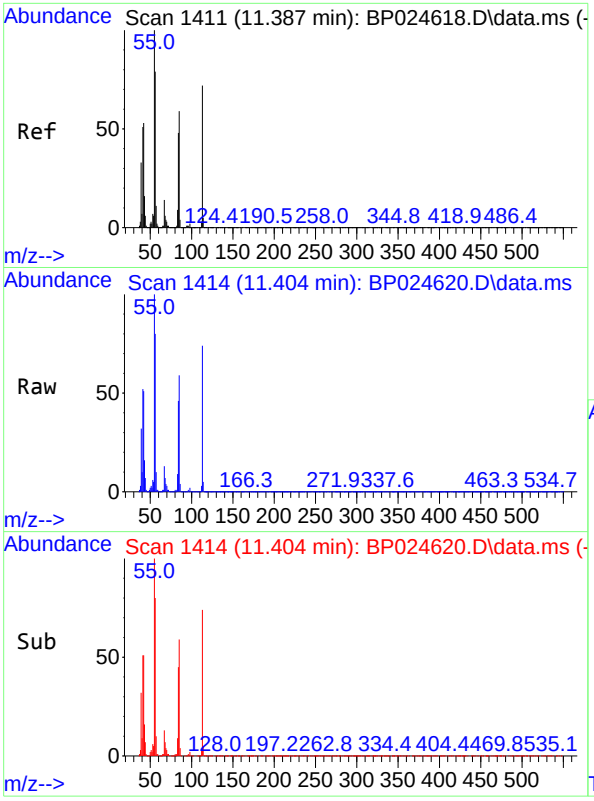


#34
Hexachlorobutadiene
Concen: 58.79 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:225 Resp: 303458

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.5	53.1	79.7



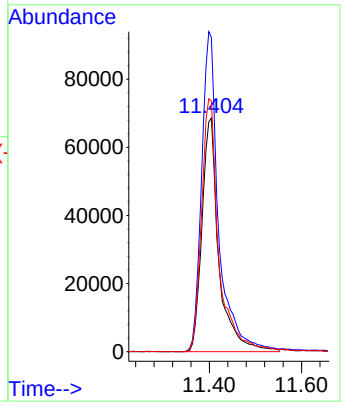


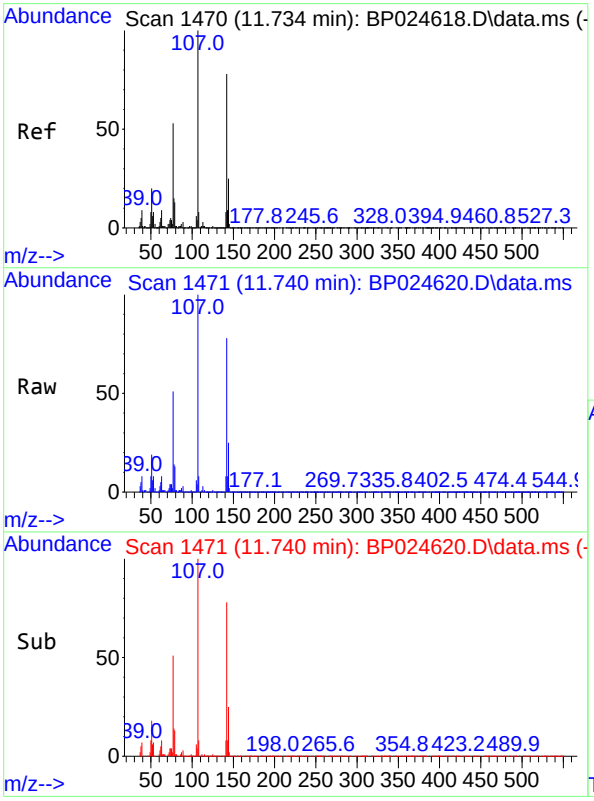
#35
Caprolactam
Concen: 68.70 ng
RT: 11.404 min Scan# 14
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 175653

Ion	Ratio	Lower	Upper
113	100		
55	134.5	119.0	159.0
56	107.3	90.3	130.3

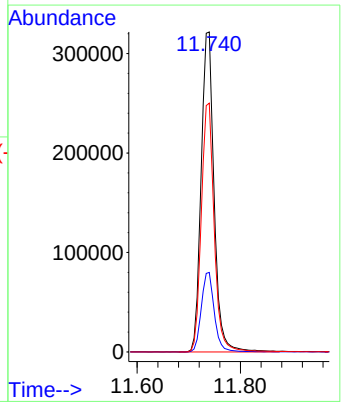


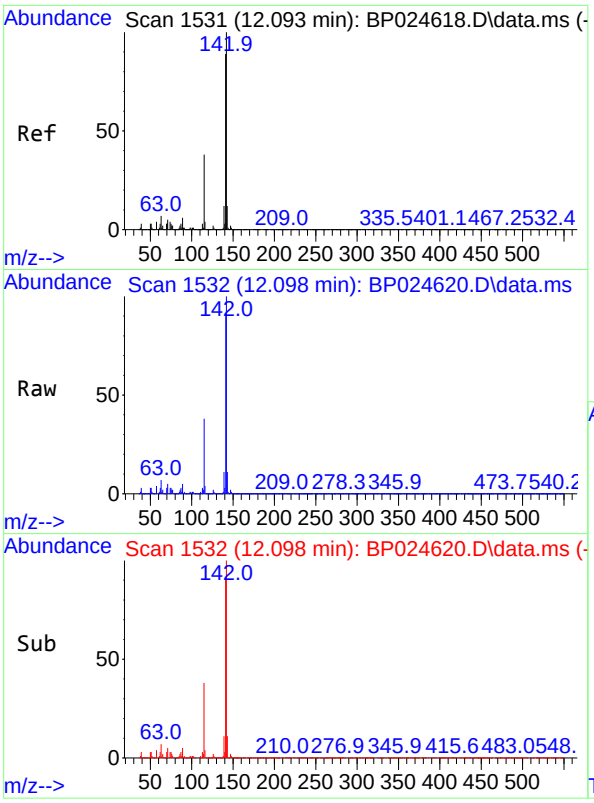


#36
4-Chloro-3-methylphenol
Concen: 64.84 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:107 Resp: 559138

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.1	30.1
142	77.8	62.1	93.1



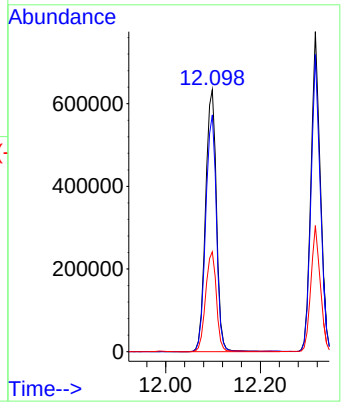


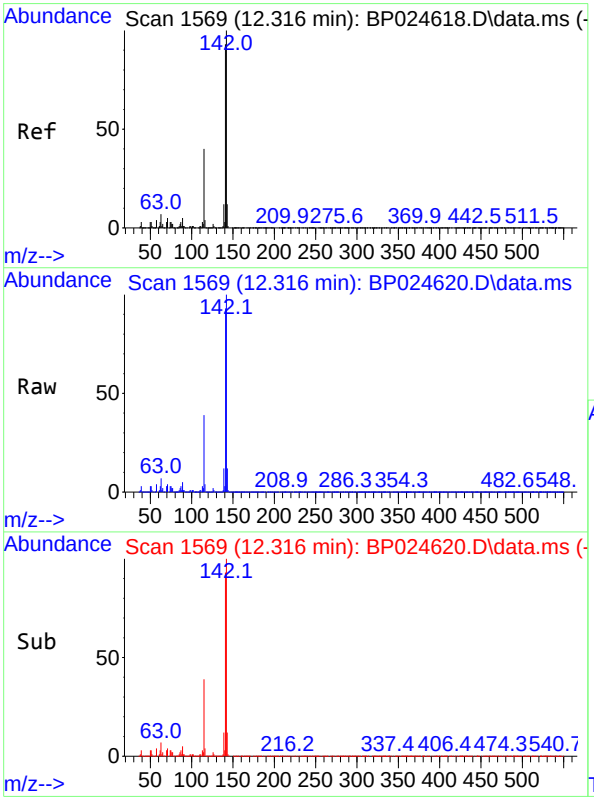
#37
2-Methylnaphthalene
Concen: 61.96 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 1008171

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.2	106.8
115	38.1	30.6	46.0

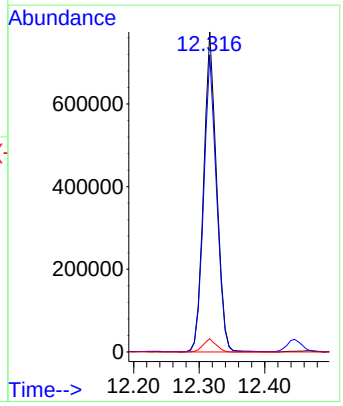


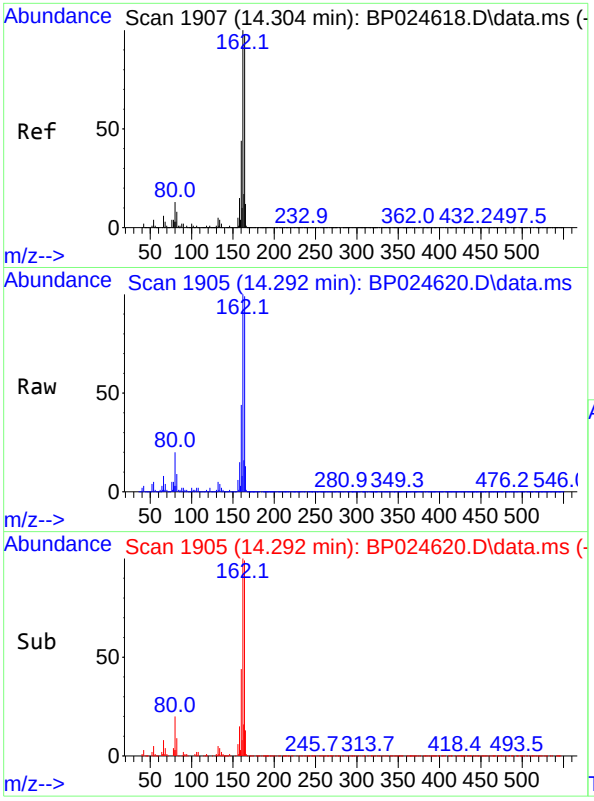


#38
1-Methylnaphthalene
Concen: 61.25 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:142 Resp: 1066290

Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.7	112.1
116	4.2	3.4	5.2



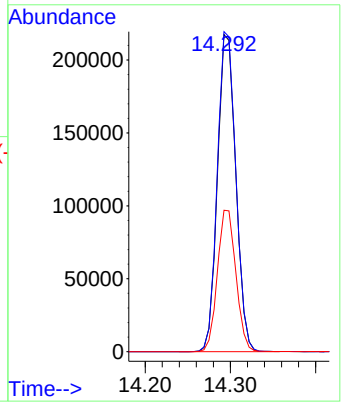


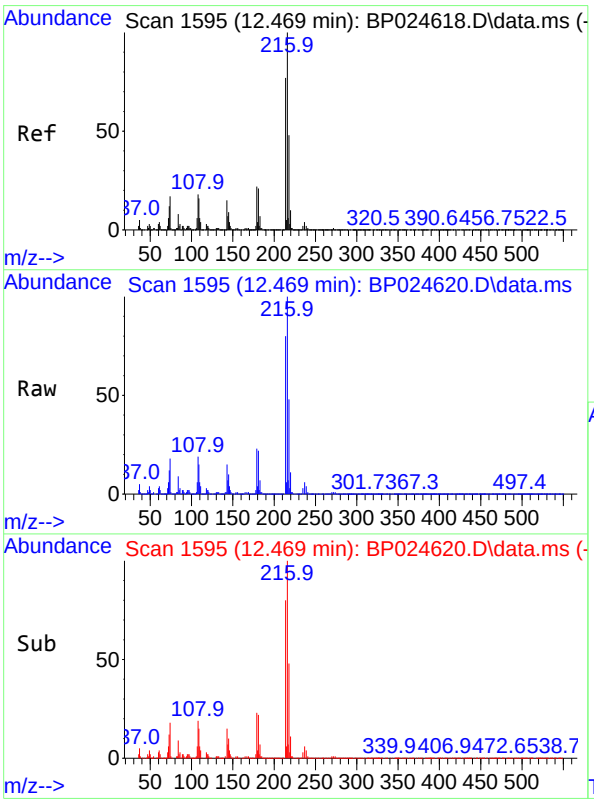
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 325327

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.6	36.3	54.5

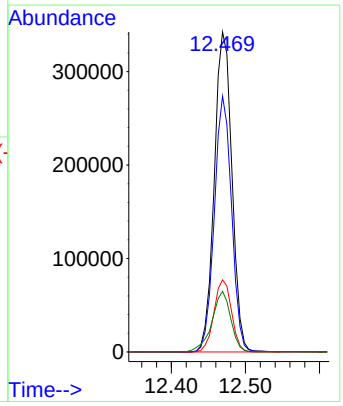


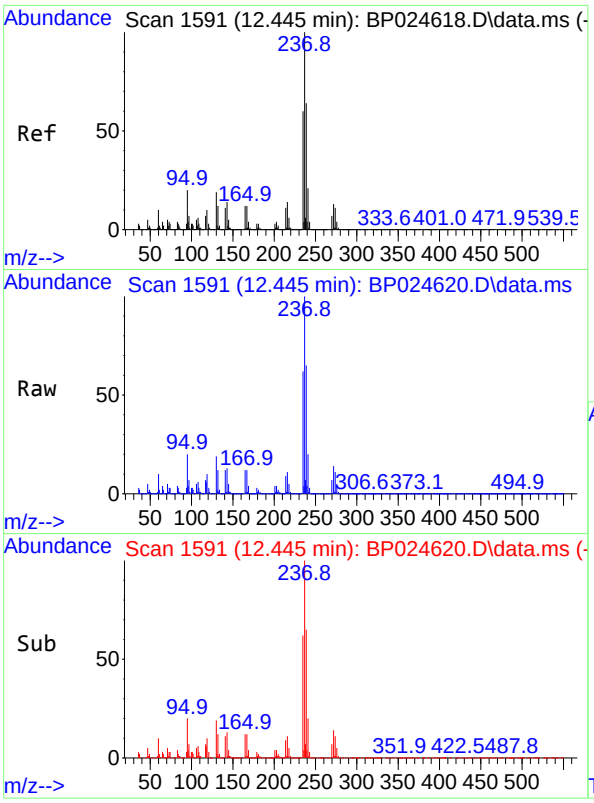


#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.97 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:216 Resp: 566530

Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.3	93.5
179	22.4	17.7	26.5
108	20.3	16.0	24.0



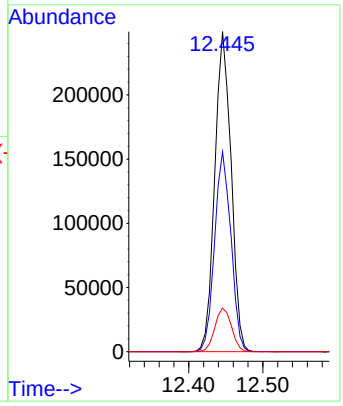


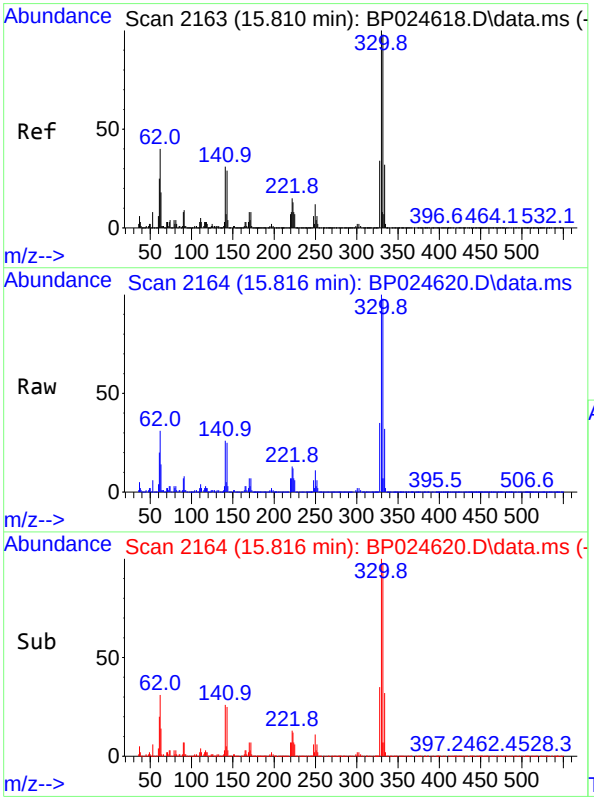
#41
Hexachlorocyclopentadiene
Concen: 66.62 ng
RT: 12.445 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 381621

Ion	Ratio	Lower	Upper
237	100		
235	62.4	39.9	79.9
272	13.6	0.0	33.2

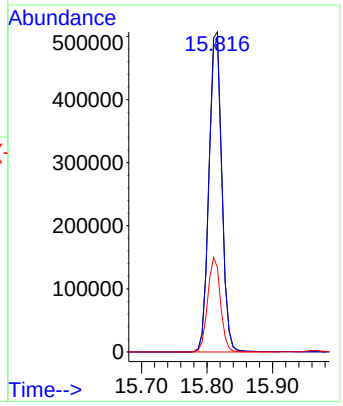


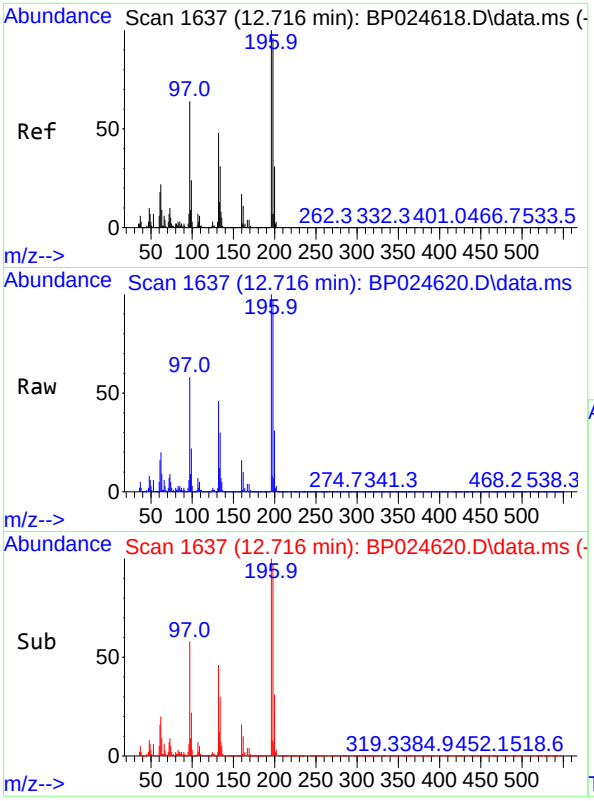


#42
2,4,6-Tribromophenol
Concen: 126.27 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:330 Resp: 696428

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.4
141	29.3	24.3	36.5



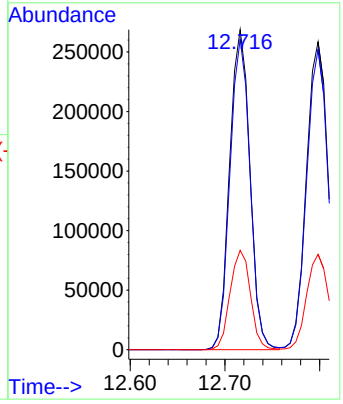


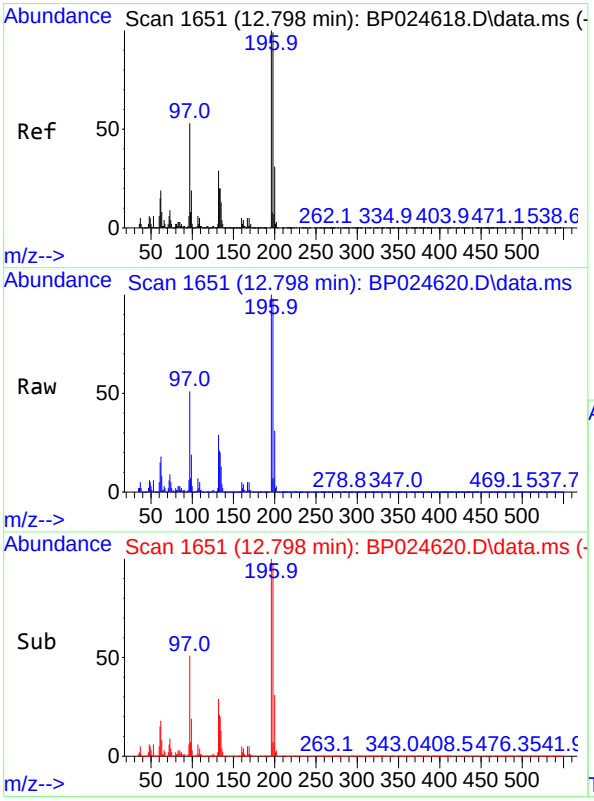
#43
2,4,6-Trichlorophenol
Concen: 65.46 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 400552

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.9	115.3
200	31.0	25.2	37.8

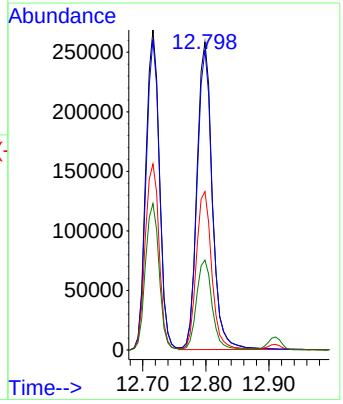


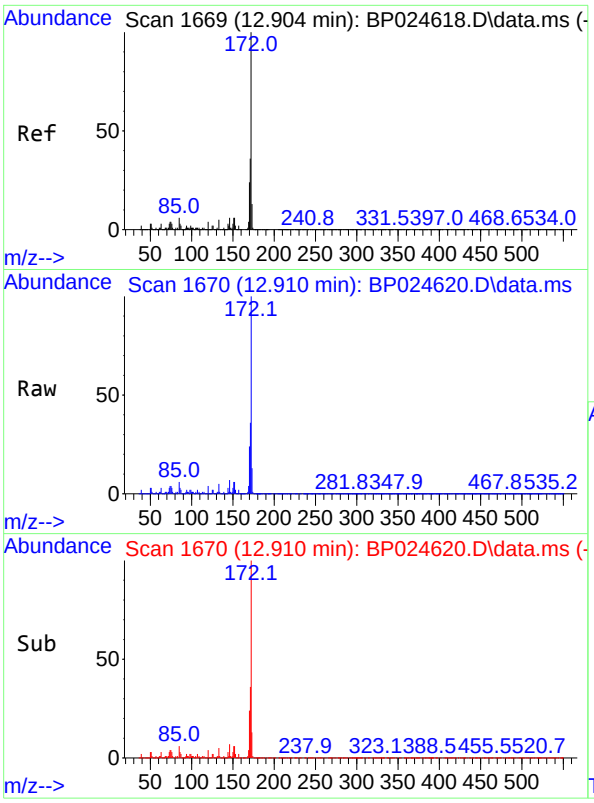


#44
2,4,5-Trichlorophenol
Concen: 64.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:196 Resp: 436361

Ion	Ratio	Lower	Upper
196	100		
198	97.5	79.2	118.8
97	51.4	42.3	63.5
132	29.2	23.3	34.9



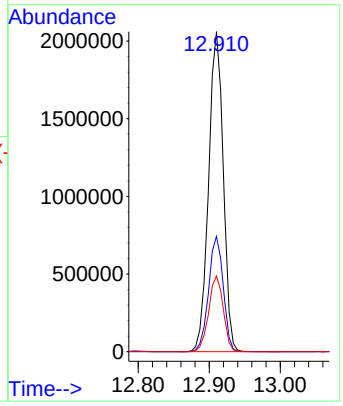


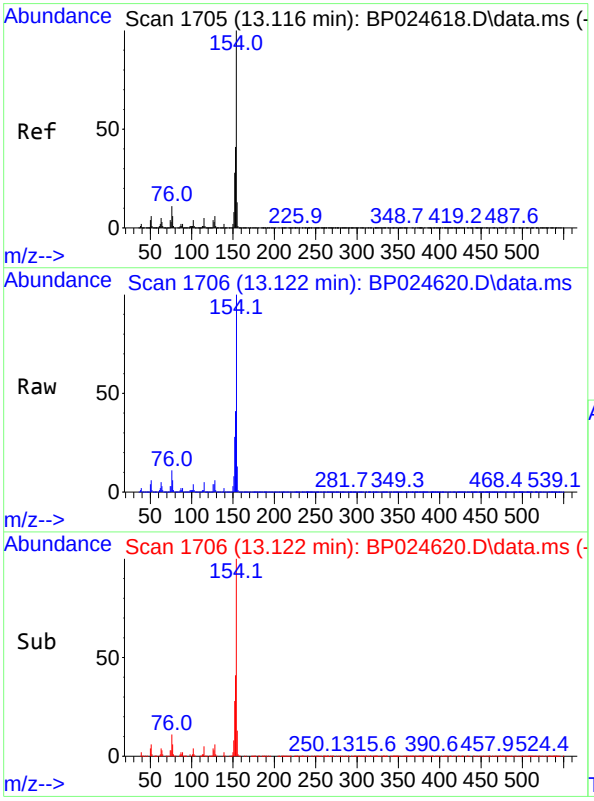
#45
2-Fluorobiphenyl
Concen: 119.08 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 2956939

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.8	43.2
170	23.7	18.8	28.2

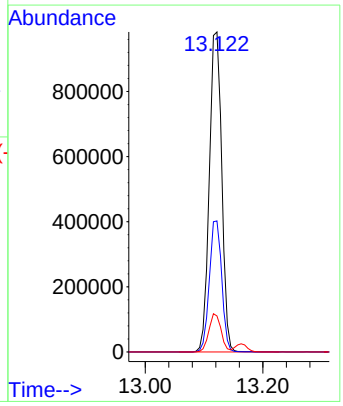


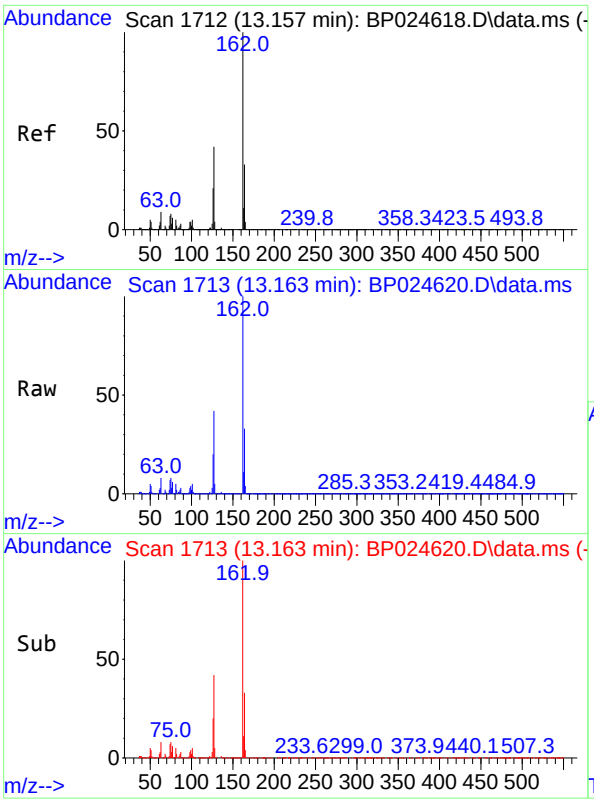


#46
1,1'-Biphenyl
Concen: 59.80 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1437786

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.0	61.0
76	11.3	0.0	31.5



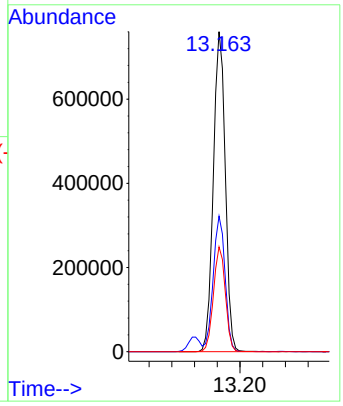


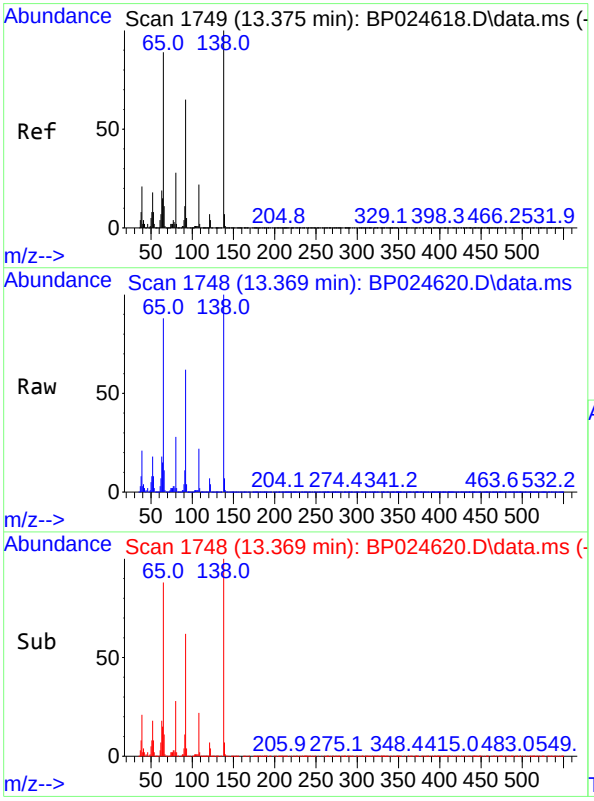
#47
2-Chloronaphthalene
Concen: 60.29 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 1105298

Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.8	50.6
164	32.8	26.0	39.0

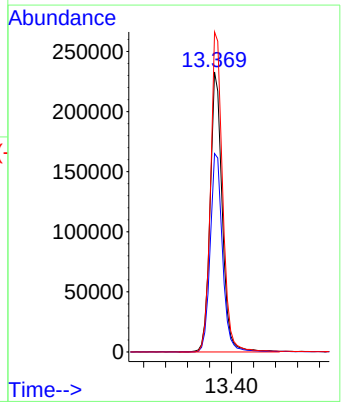


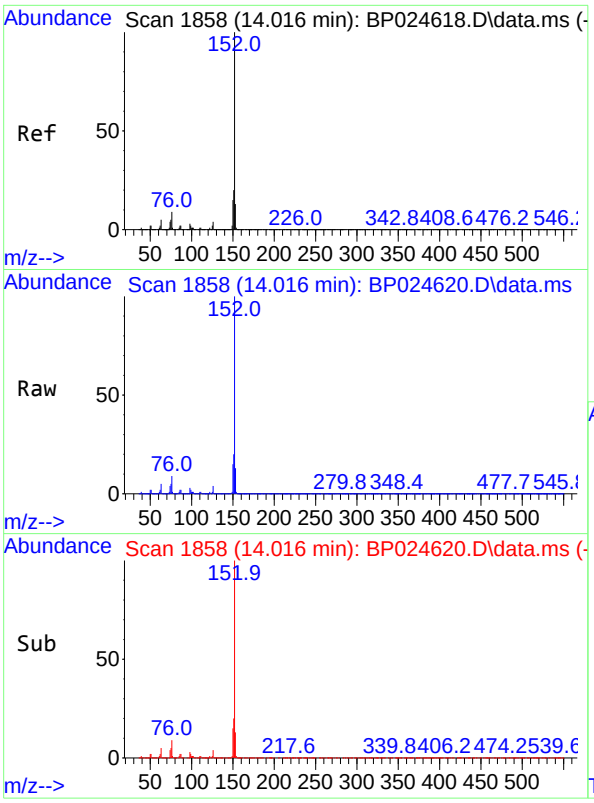


#48
2-Nitroaniline
Concen: 65.40 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion: 65 Resp: 354977

Ion	Ratio	Lower	Upper
65	100		
92	70.9	58.7	88.1
138	114.3	90.2	135.2



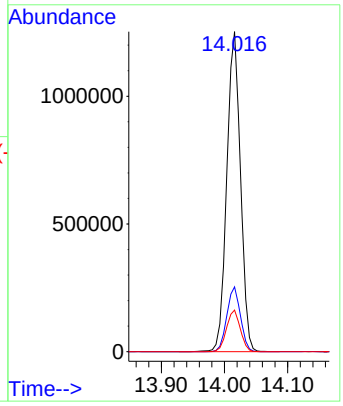


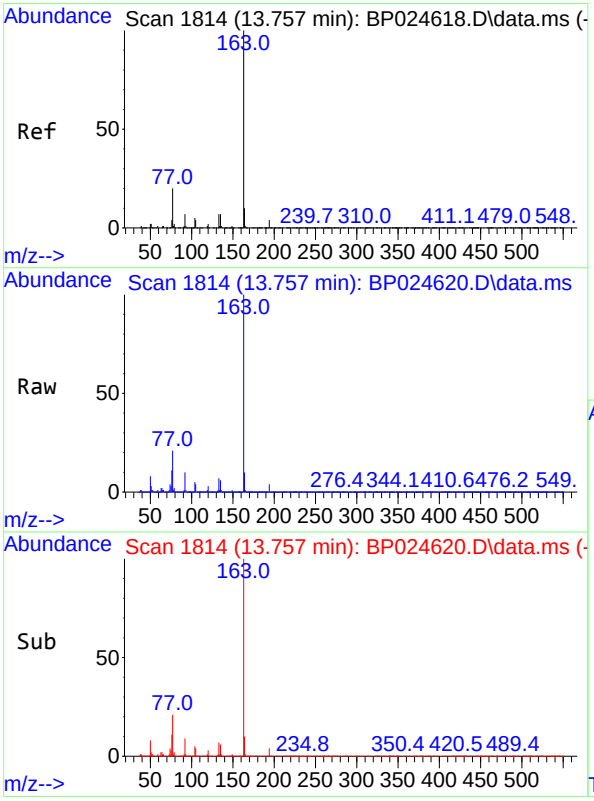
#49
Acenaphthylene
Concen: 61.41 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1884018

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	10.2	15.4

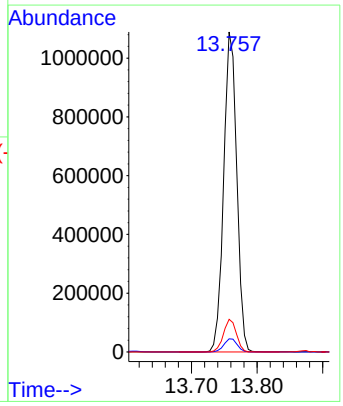


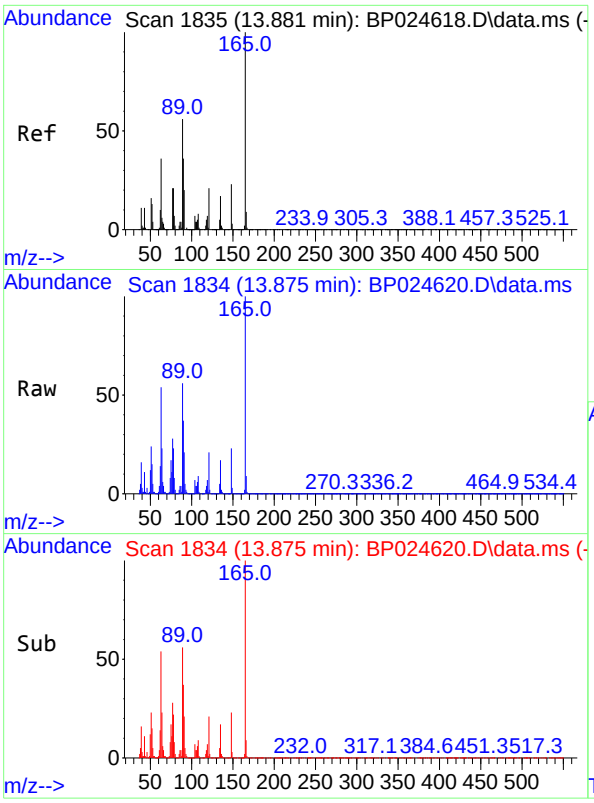


#50
Dimethylphthalate
Concen: 60.42 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:163 Resp: 1498318

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



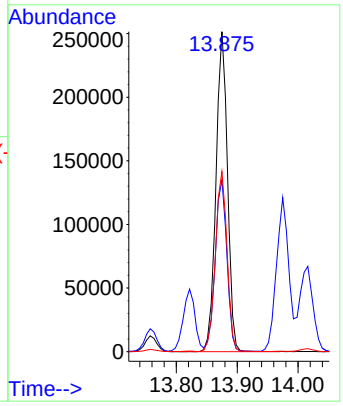


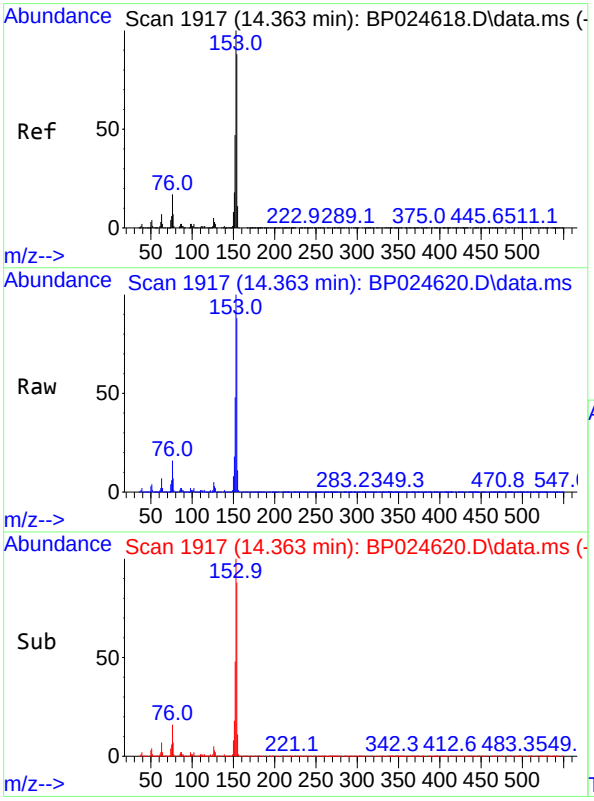
#51
2,6-Dinitrotoluene
Concen: 62.76 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 328682

Ion	Ratio	Lower	Upper
165	100		
63	53.7	42.4	63.6
89	56.3	44.8	67.2

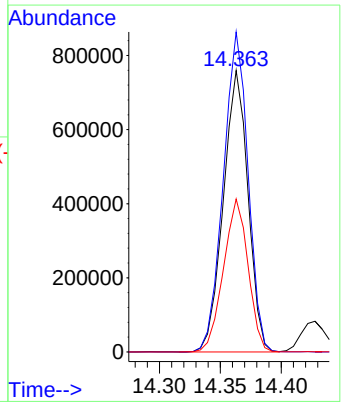


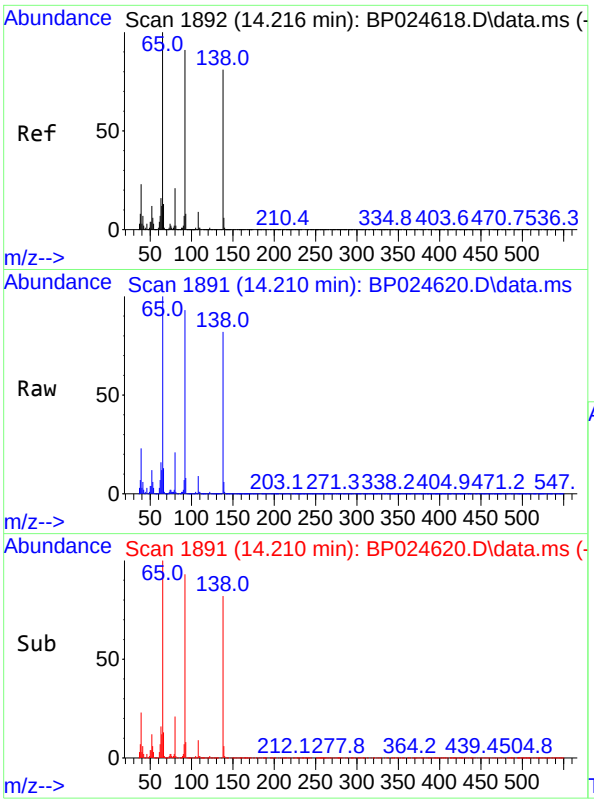


#52
Acenaphthene
Concen: 60.80 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:154 Resp: 1072483

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	54.4	42.9	64.3



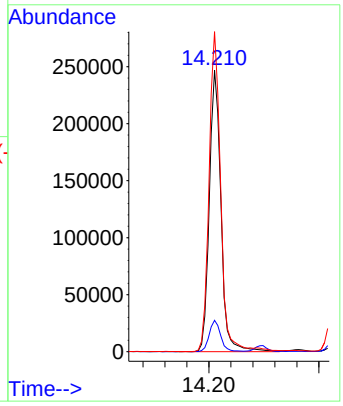


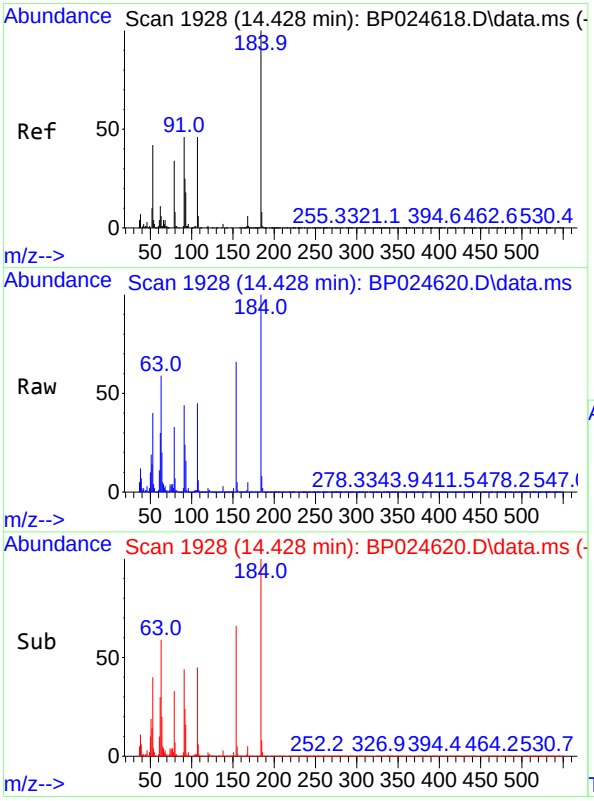
#53
3-Nitroaniline
Concen: 67.54 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 361174

Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.0	13.4
92	113.7	90.1	135.1

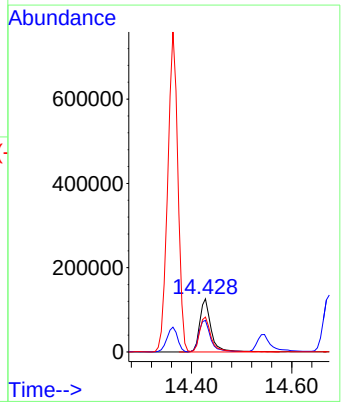


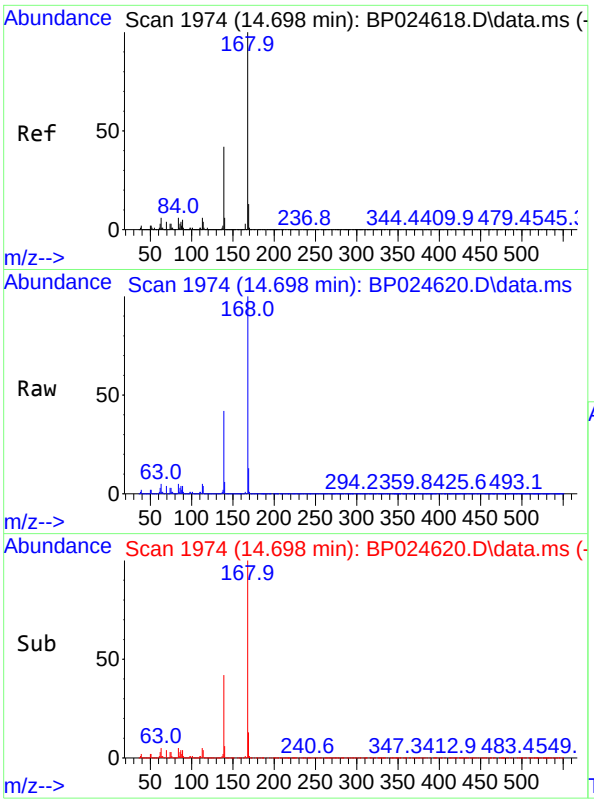


#54
2,4-Dinitrophenol
Concen: 61.10 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:184 Resp: 196350

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	65.7	53.5	80.3



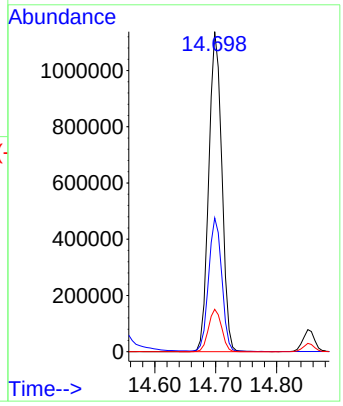


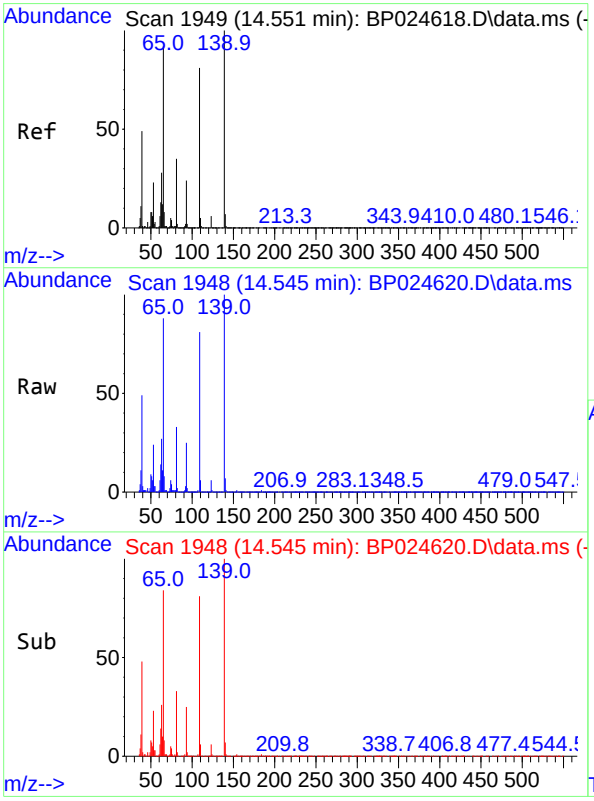
#55
Dibenzofuran
Concen: 60.13 ng
RT: 14.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1691790

Ion	Ratio	Lower	Upper
168	100		
139	41.8	34.2	51.4
169	13.3	10.8	16.2

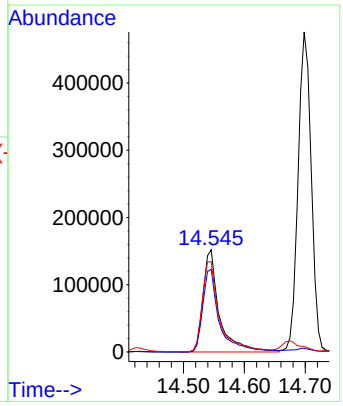


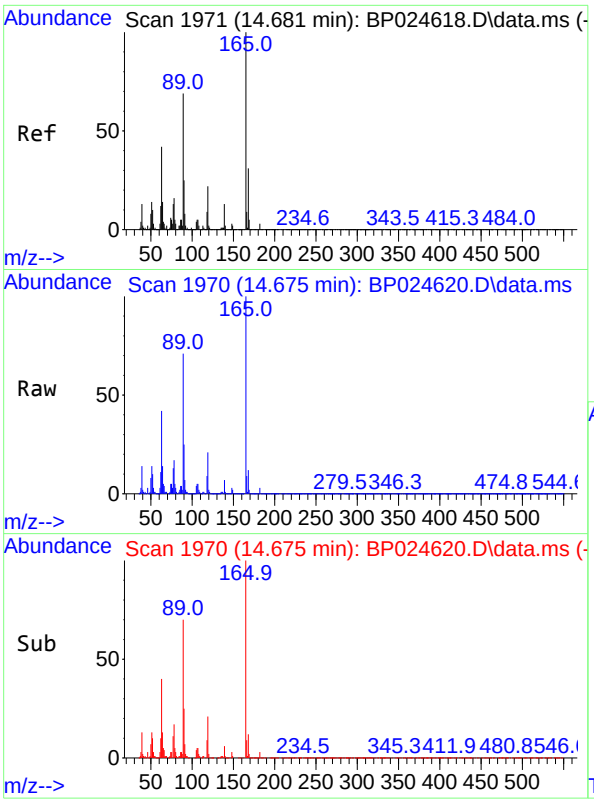


#56
4-Nitrophenol
Concen: 61.78 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:139 Resp: 281293

Ion	Ratio	Lower	Upper
139	100		
109	80.9	61.4	101.4
65	88.2	72.2	112.2



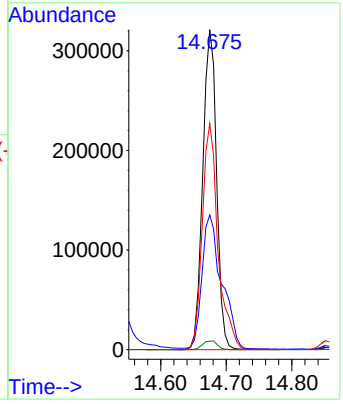


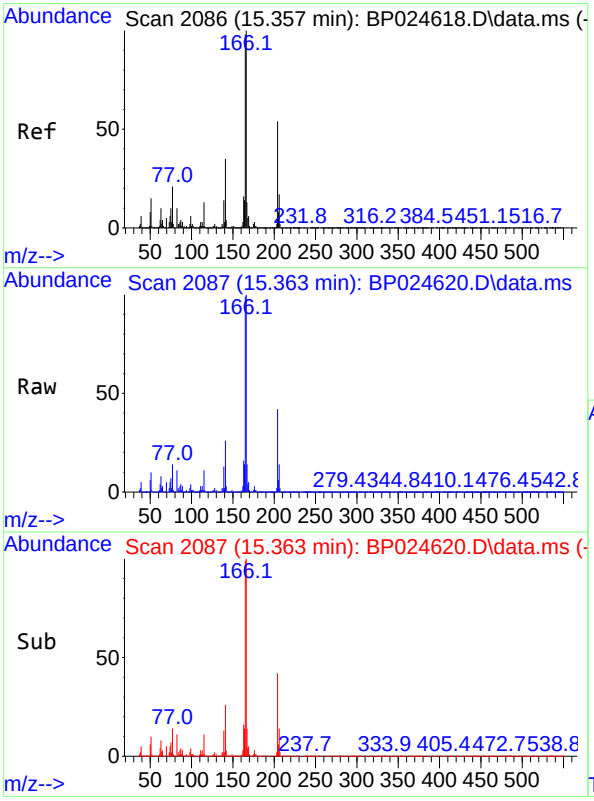
#57
2,4-Dinitrotoluene
Concen: 63.87 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 471525

Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.8	50.6
89	70.6	55.6	83.4
182	2.7	2.4	3.6

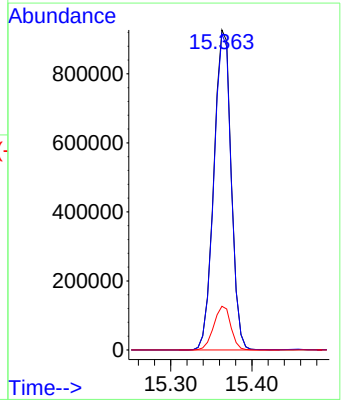


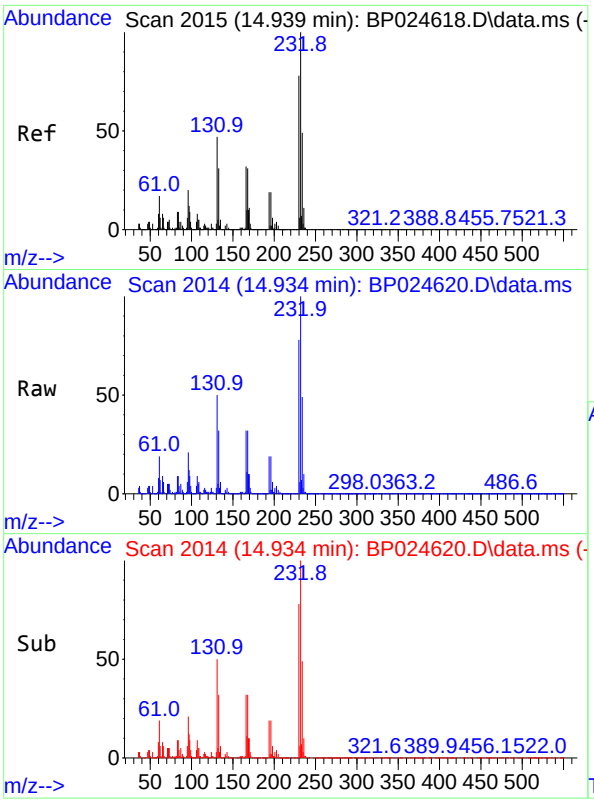


#58
Fluorene
Concen: 60.00 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:166 Resp: 1376412

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.5	117.7
167	13.6	10.7	16.1



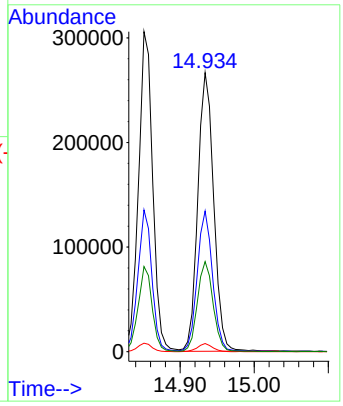


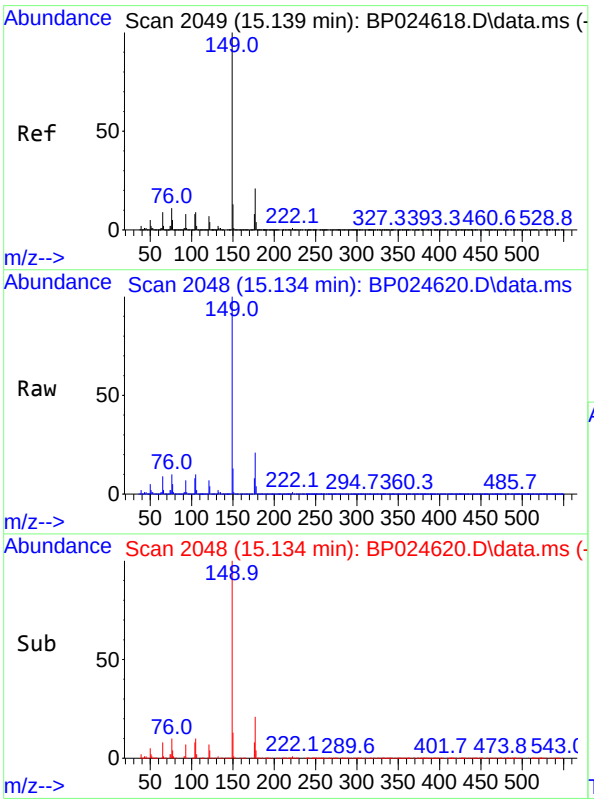
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.78 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 396678

Ion	Ratio	Lower	Upper
232	100		
131	49.0	39.5	59.3
130	2.7	2.2	3.4
166	31.9	25.7	38.5

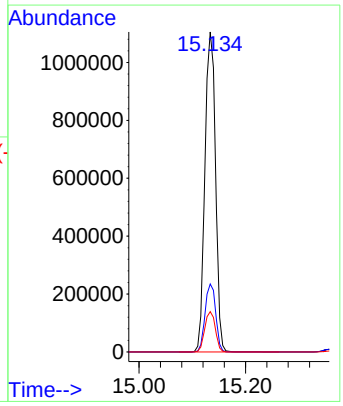


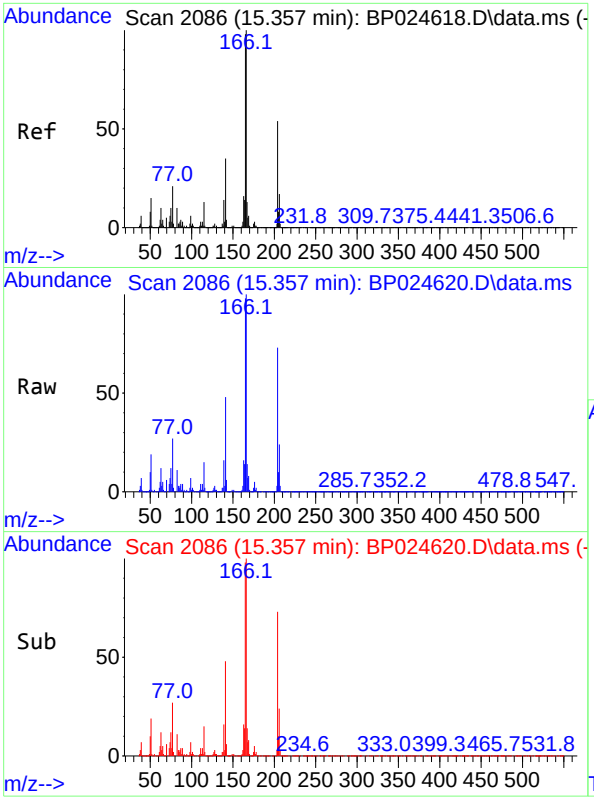


#60
Diethylphthalate
Concen: 60.87 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1525628

Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.6	10.2	15.2



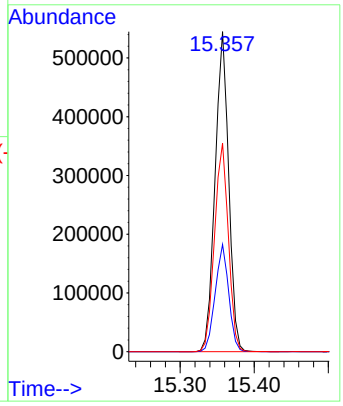


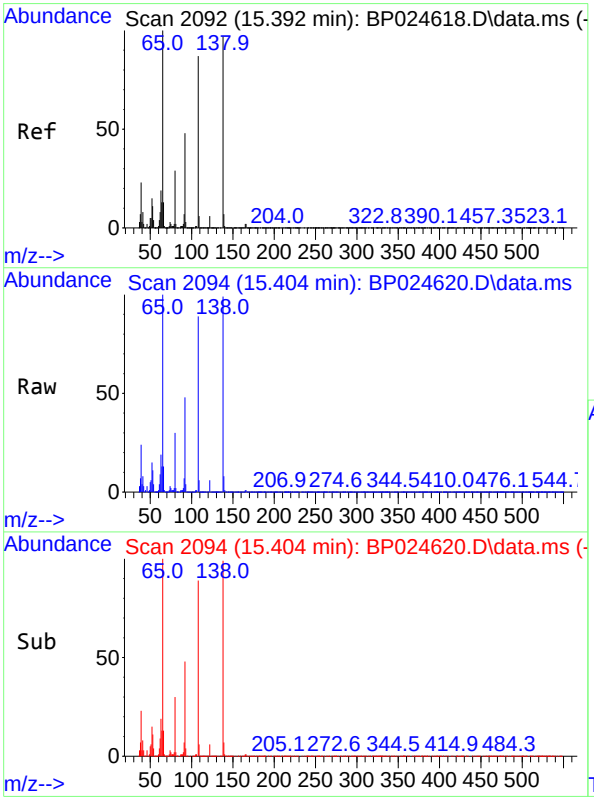
#61
4-Chlorophenyl-phenylether
Concen: 60.51 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 692230

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	65.2	52.9	79.3

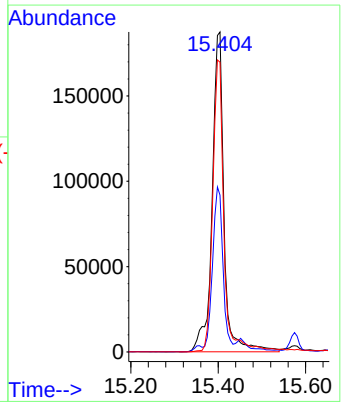


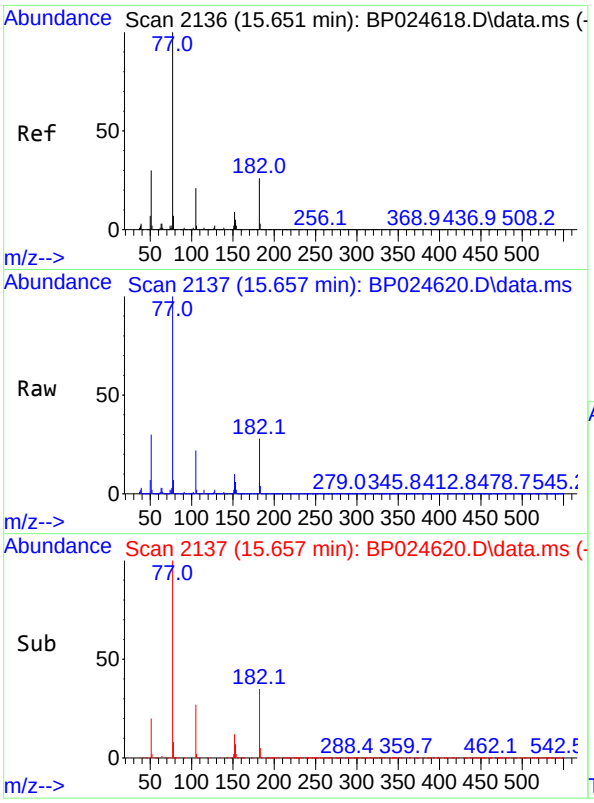


#62
4-Nitroaniline
Concen: 68.05 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:138 Resp: 354287

Ion	Ratio	Lower	Upper
138	100		
92	49.0	29.2	69.2
108	90.5	69.0	109.0



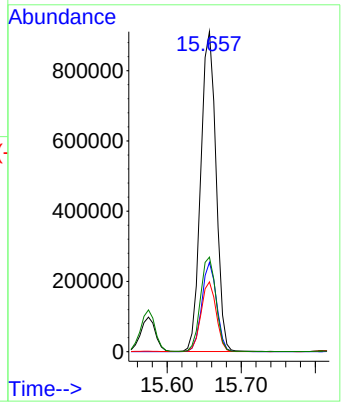


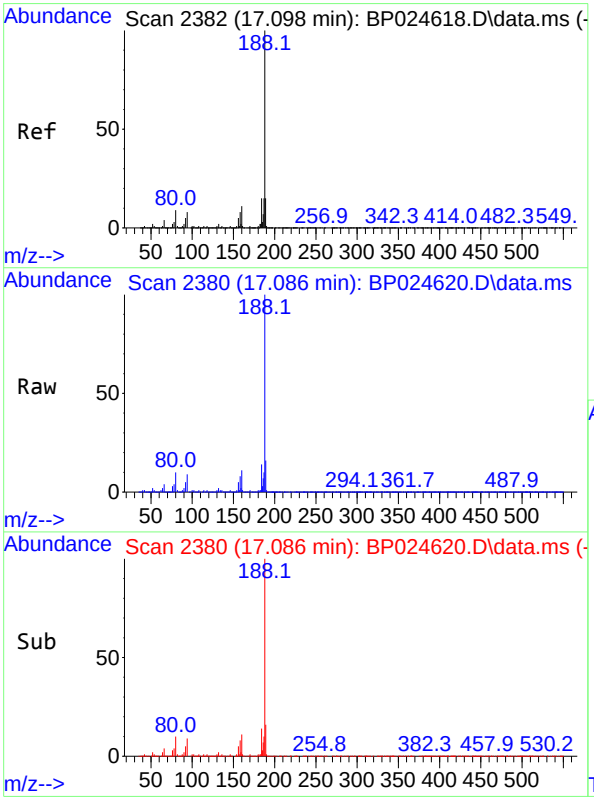
#63
Azobenzene
Concen: 61.14 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 1310800

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.8	1.3	41.3
51	29.6	10.6	50.6

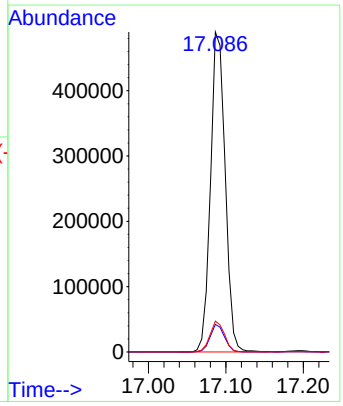


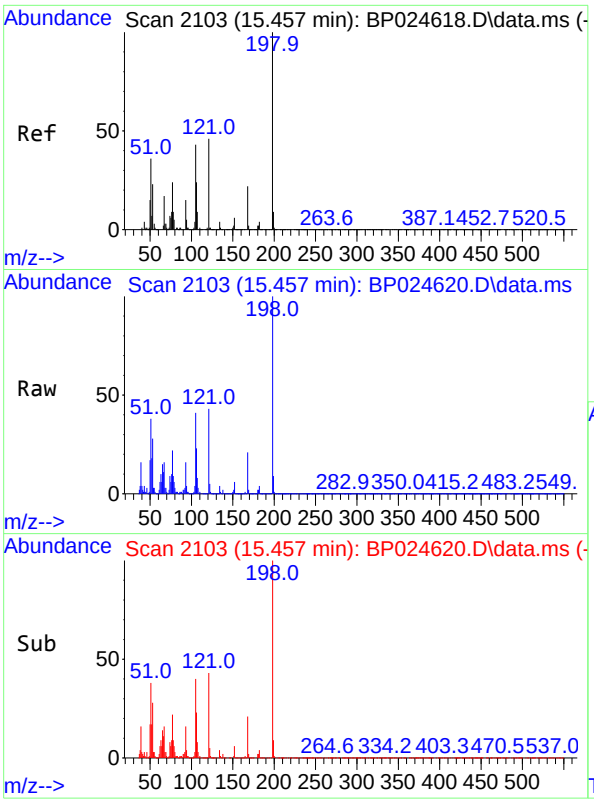


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:188 Resp: 646756

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.5	9.7
80	9.6	7.3	10.9



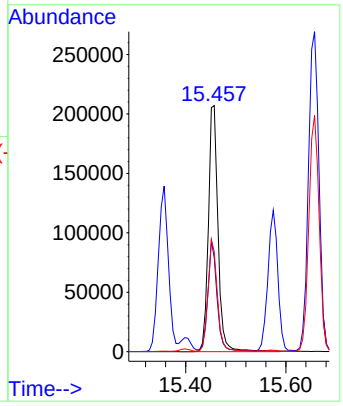


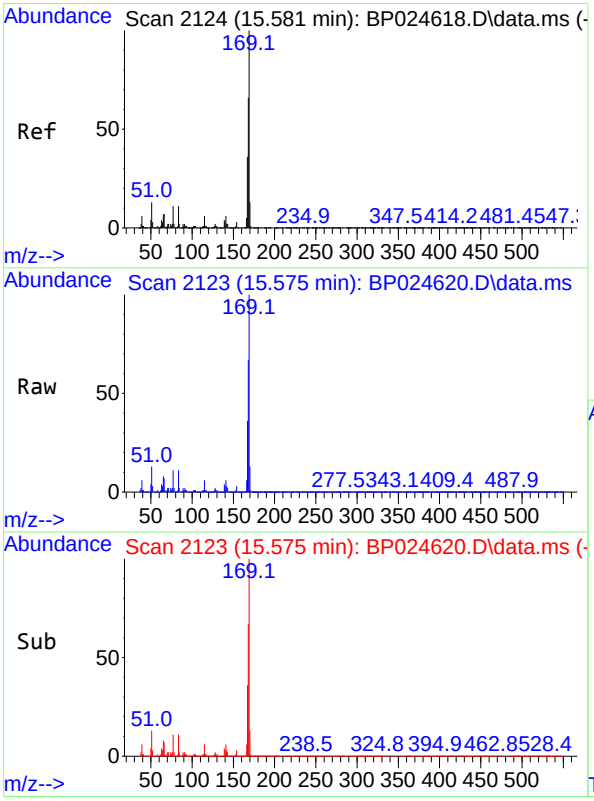
#65
4,6-Dinitro-2-methylphenol
Concen: 66.55 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 278024

Ion	Ratio	Lower	Upper
198	100		
51	38.1	21.1	61.1
105	40.6	23.6	63.6

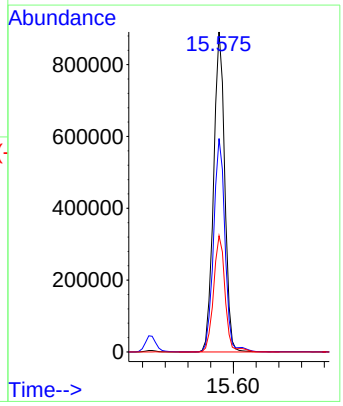


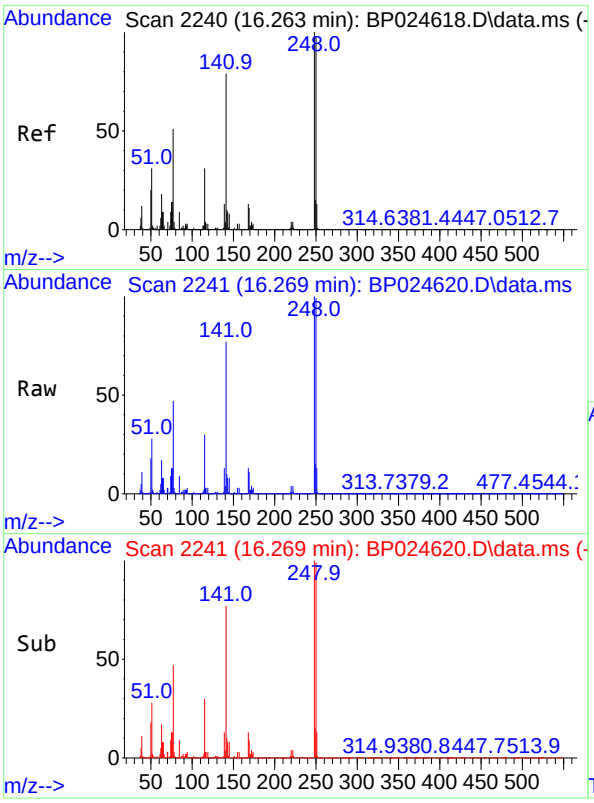


#66
n-Nitrosodiphenylamine
Concen: 60.68 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:169 Resp: 1205525

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.3	28.6	43.0



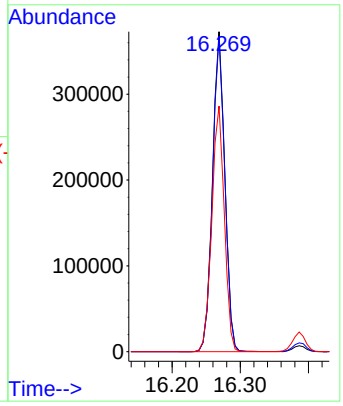


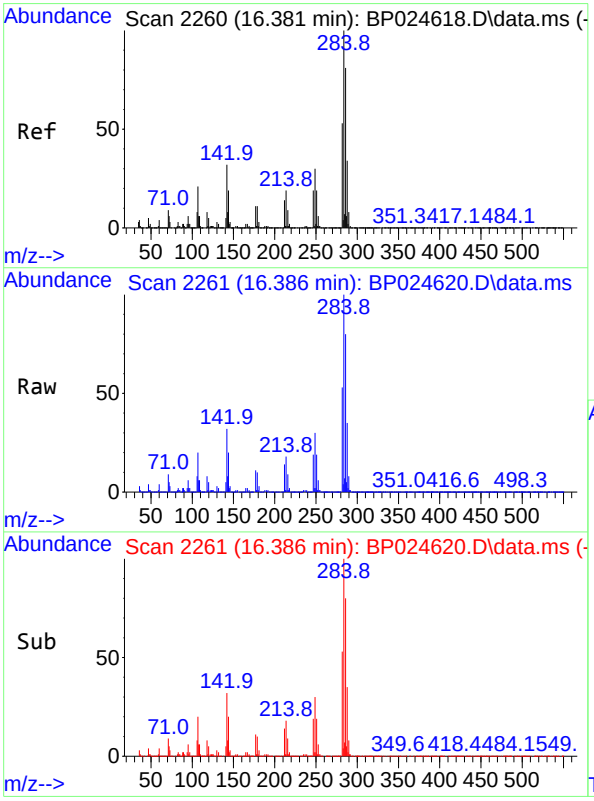
#67
4-Bromophenyl-phenylether
Concen: 61.56 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 469127

Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.2	117.4
141	76.7	63.0	94.6

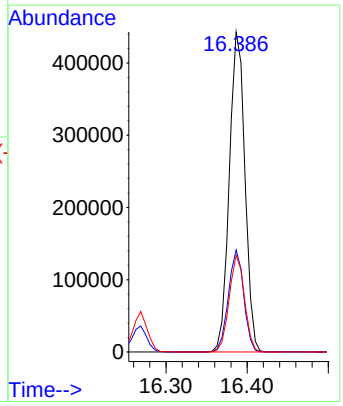


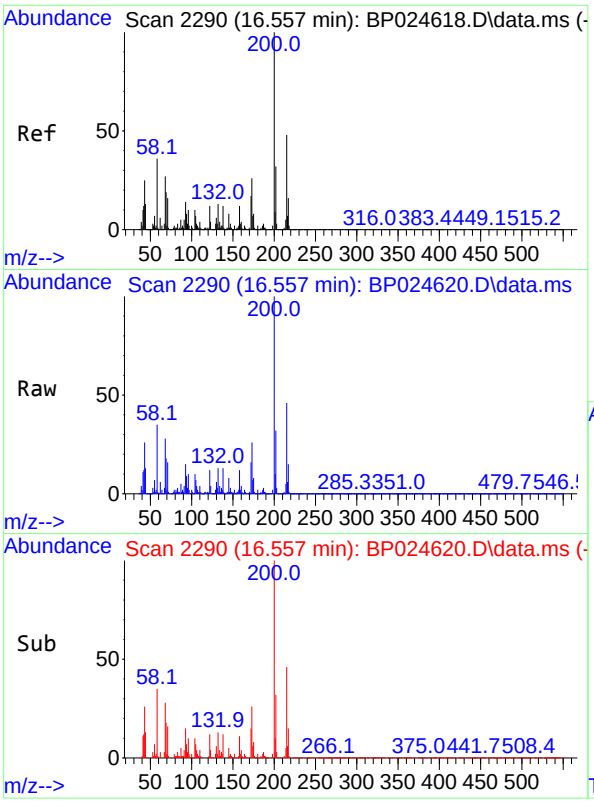


#68
Hexachlorobenzene
Concen: 60.99 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:284 Resp: 590615

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.9	38.9
249	30.3	24.1	36.1



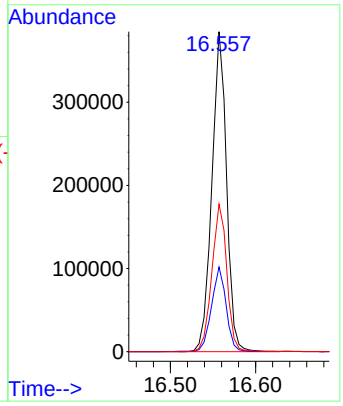


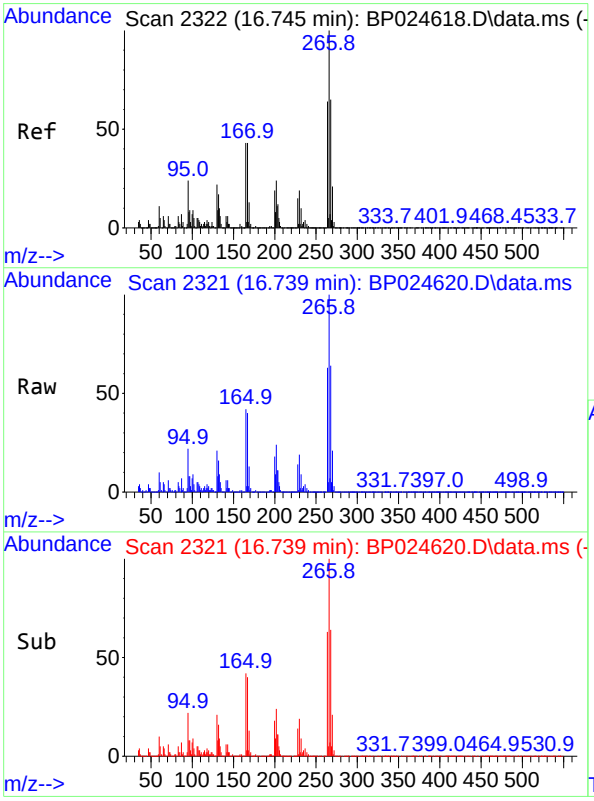
#69
Atrazine
Concen: 63.29 ng
RT: 16.557 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 460742

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	46.1	28.3	68.3

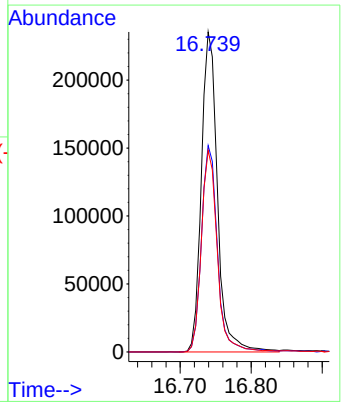


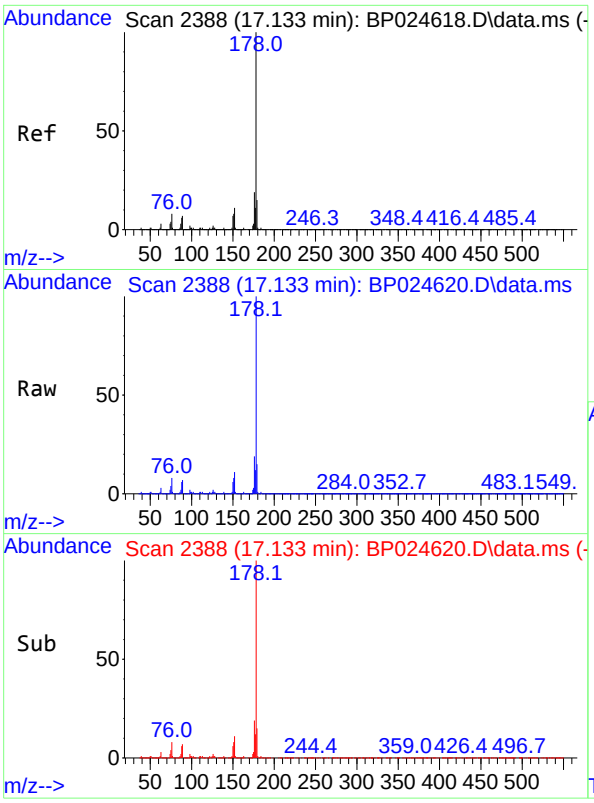


#70
Pentachlorophenol
Concen: 68.29 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:266 Resp: 371465

Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.2	78.4
264	62.9	51.1	76.7



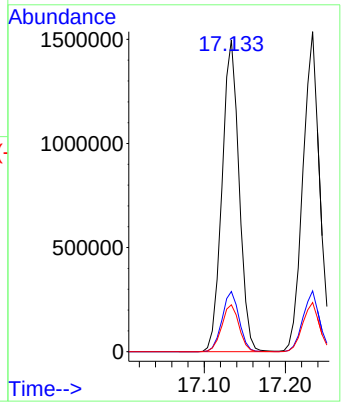


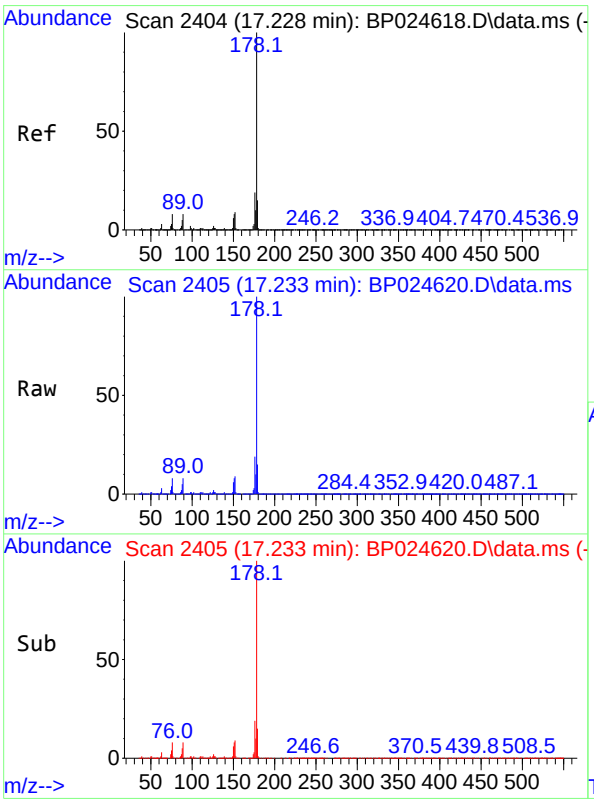
#71
Phenanthrene
Concen: 60.73 ng
RT: 17.133 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 2183329

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.1	12.2	18.4

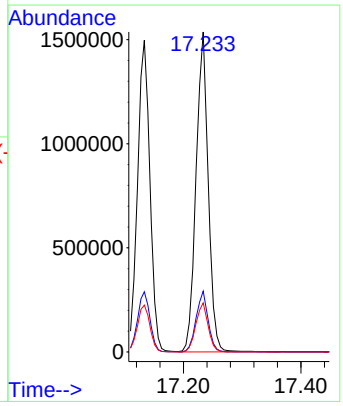


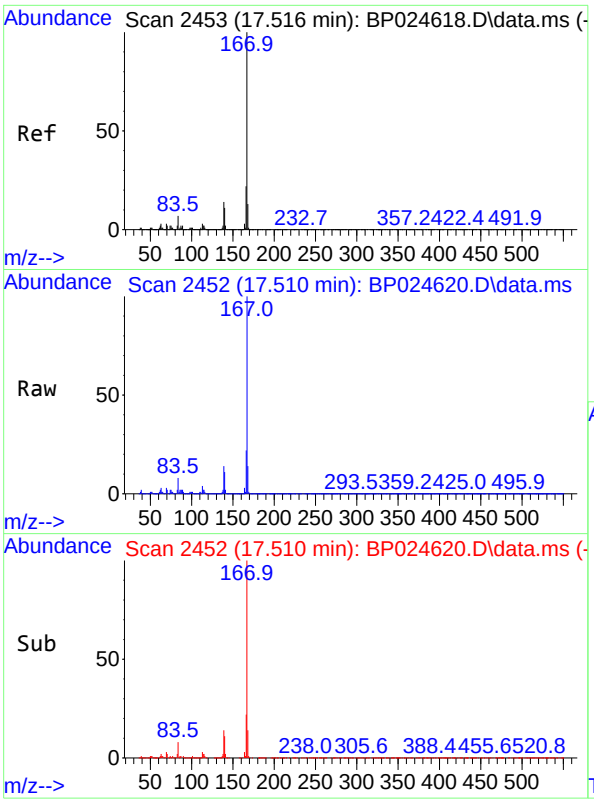


#72
Anthracene
Concen: 61.11 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:178 Resp: 2210412

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.3	12.2	18.2



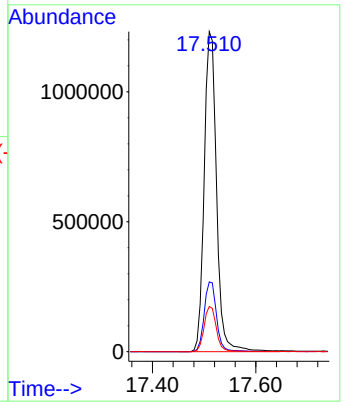


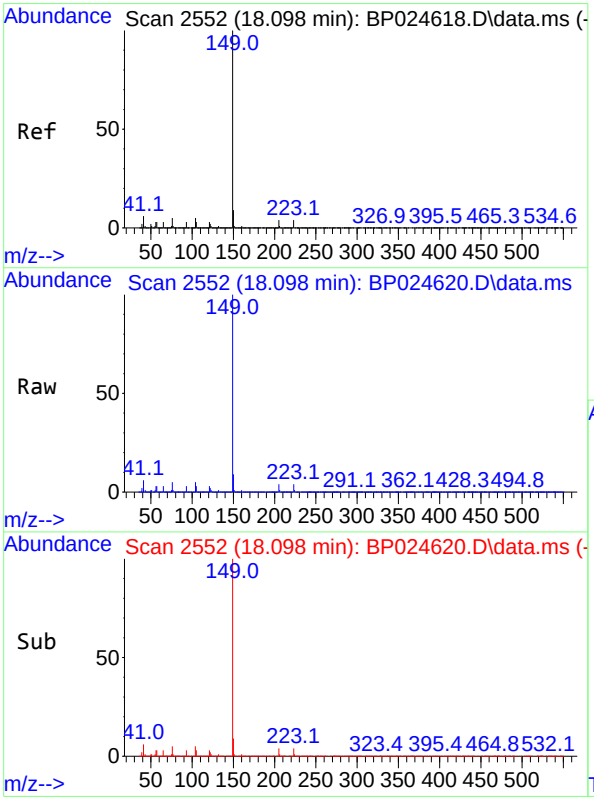
#73
Carbazole
Concen: 62.39 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 2042777

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.1	11.3	16.9

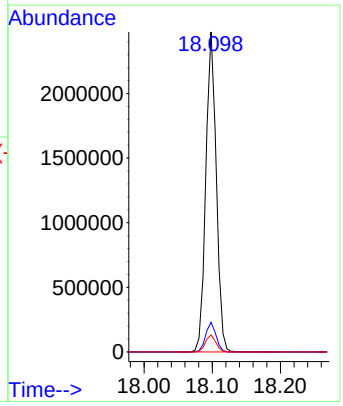


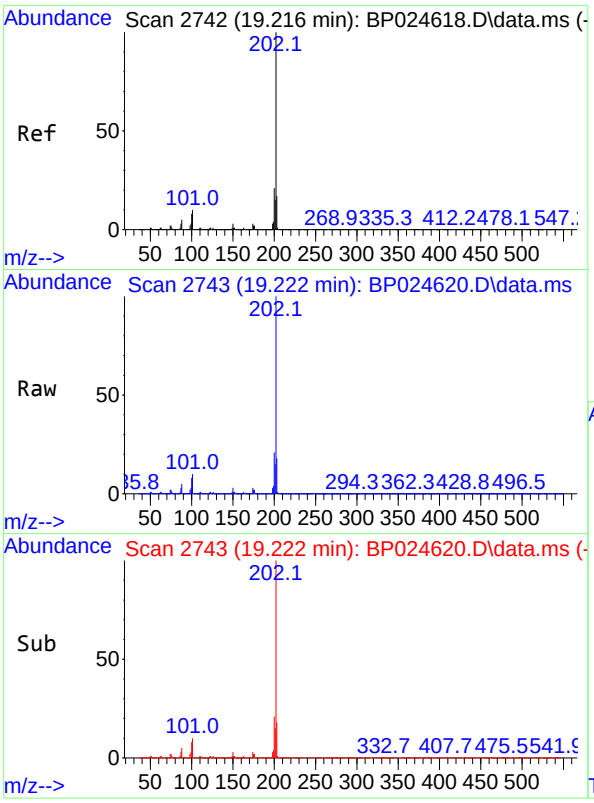


#74
Di-n-butylphthalate
Concen: 62.81 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 2644959

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.3	4.3	6.5



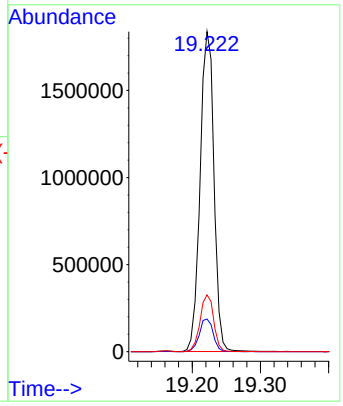


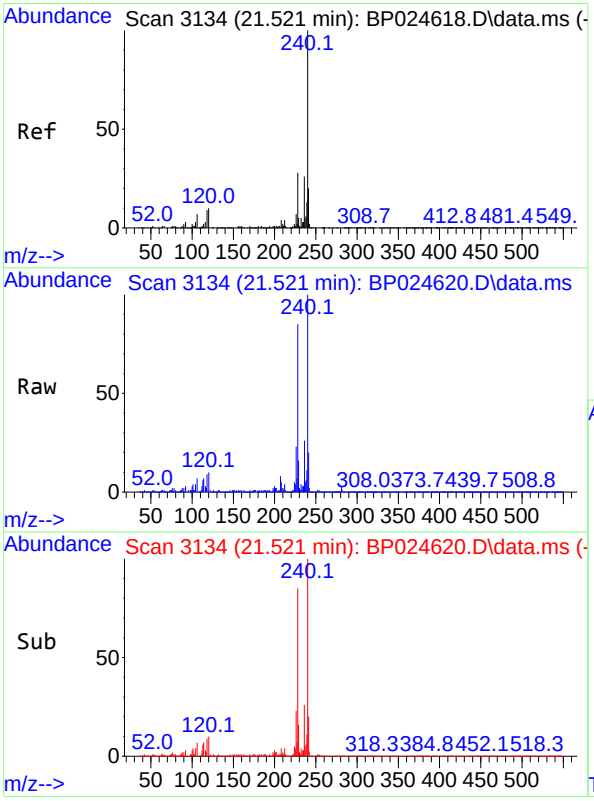
#75
Fluoranthene
Concen: 61.73 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 2594532

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
203	17.8	0.0	37.5

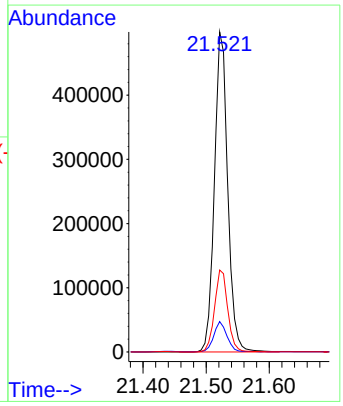


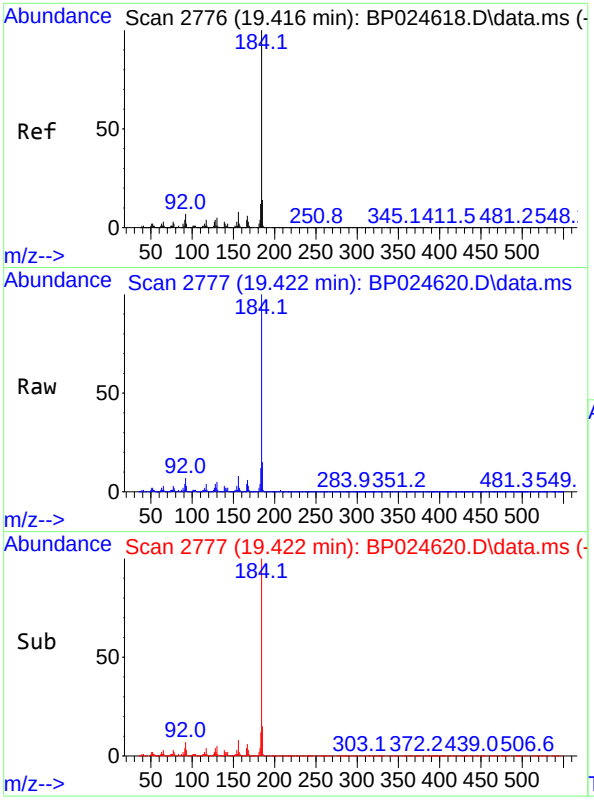


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:240 Resp: 726281

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	25.6	20.6	31.0



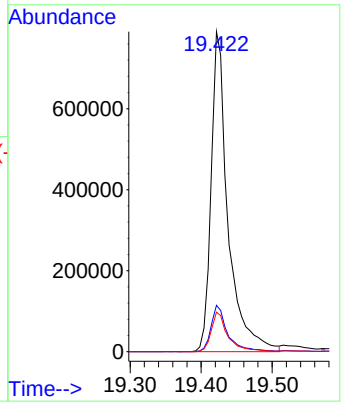


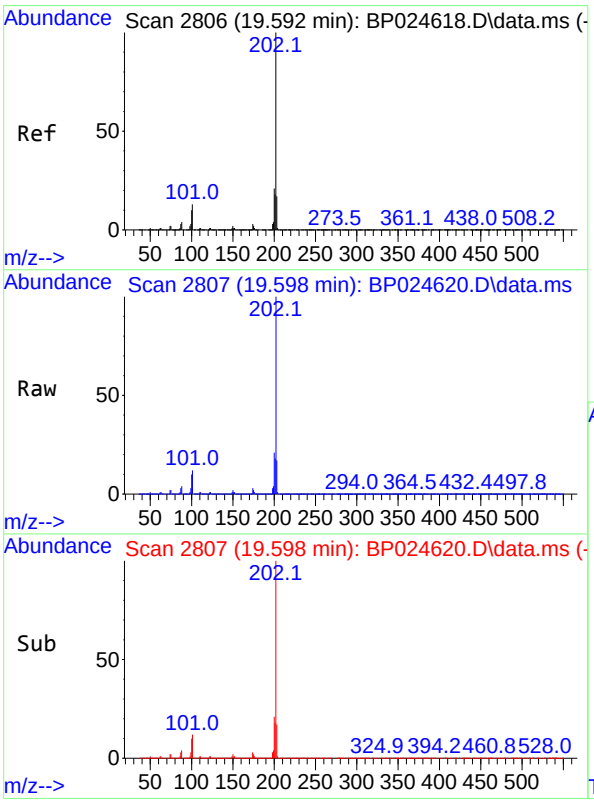
#77
Benzidine
Concen: 65.42 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 1304259

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.2	16.8
183	12.4	9.8	14.8

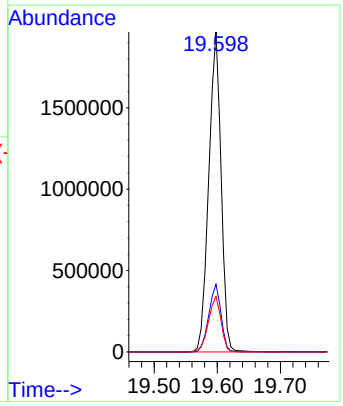


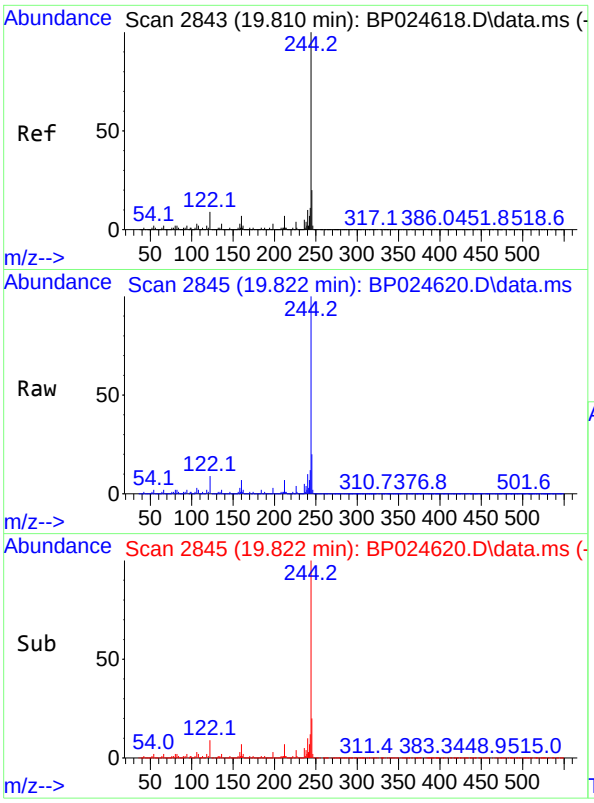


#78
Pyrene
Concen: 61.17 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:202 Resp: 2661811

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.4	13.9	20.9



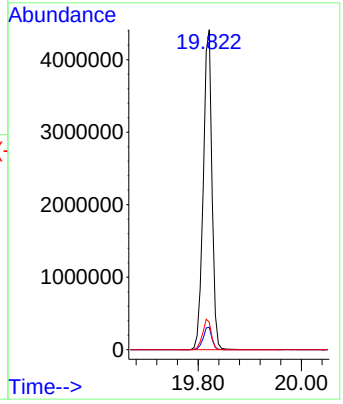


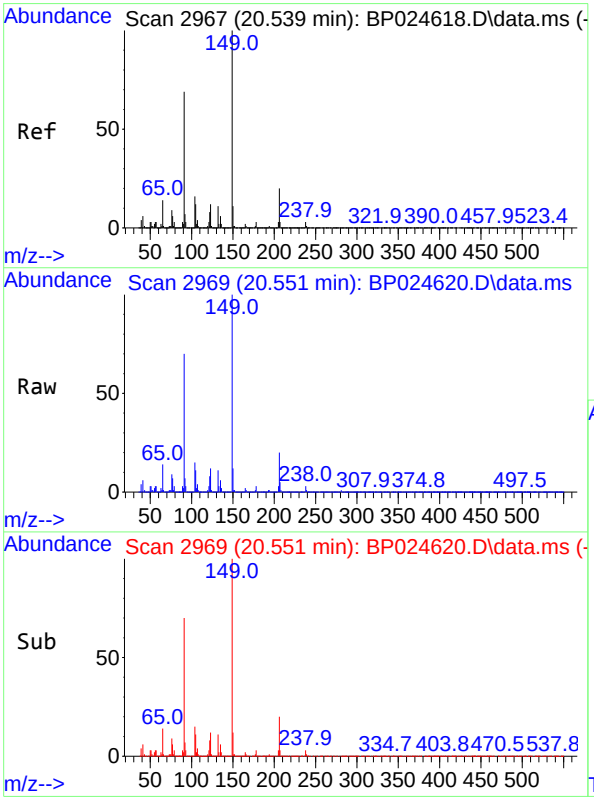
#79
Terphenyl-d14
Concen: 120.88 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 5119872

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	8.6	7.4	11.0

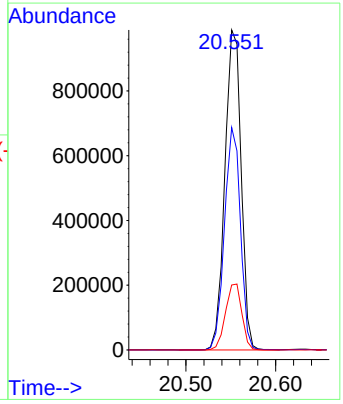


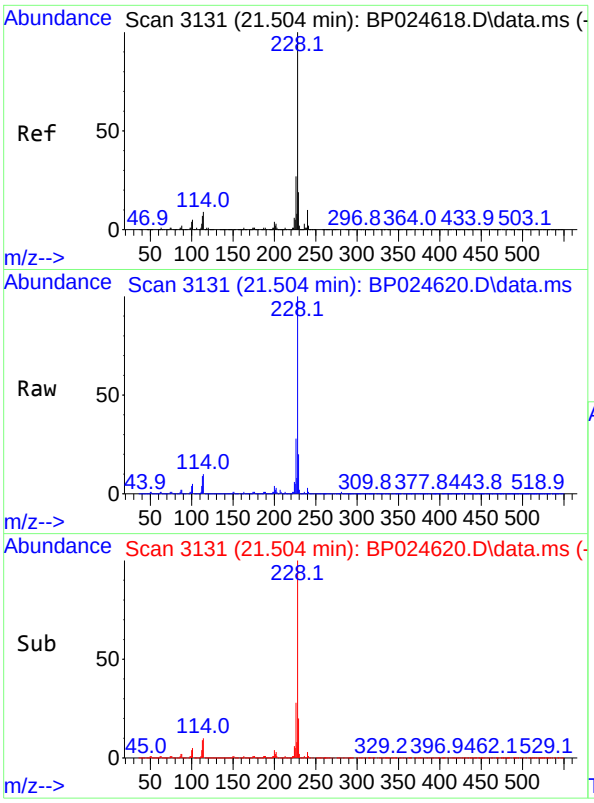


#80
Butylbenzylphthalate
Concen: 64.25 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1243403

Ion	Ratio	Lower	Upper
149	100		
91	69.5	55.4	83.0
206	20.3	16.2	24.2



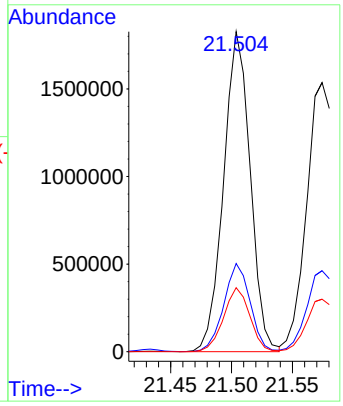


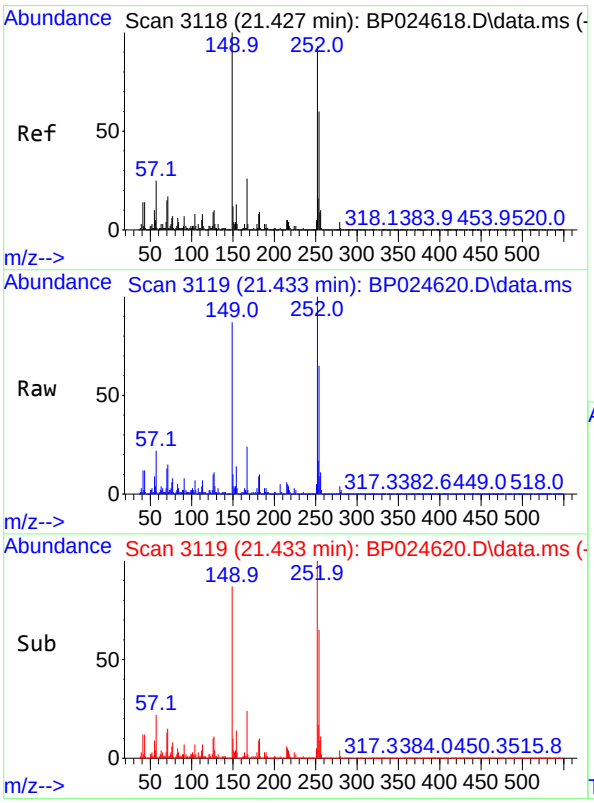
#81
Benzo(a)anthracene
Concen: 60.93 ng
RT: 21.504 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2778689

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.4	32.0
229	20.0	15.5	23.3

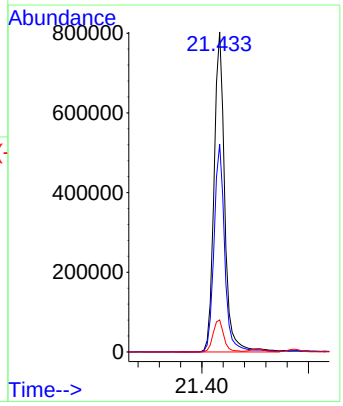


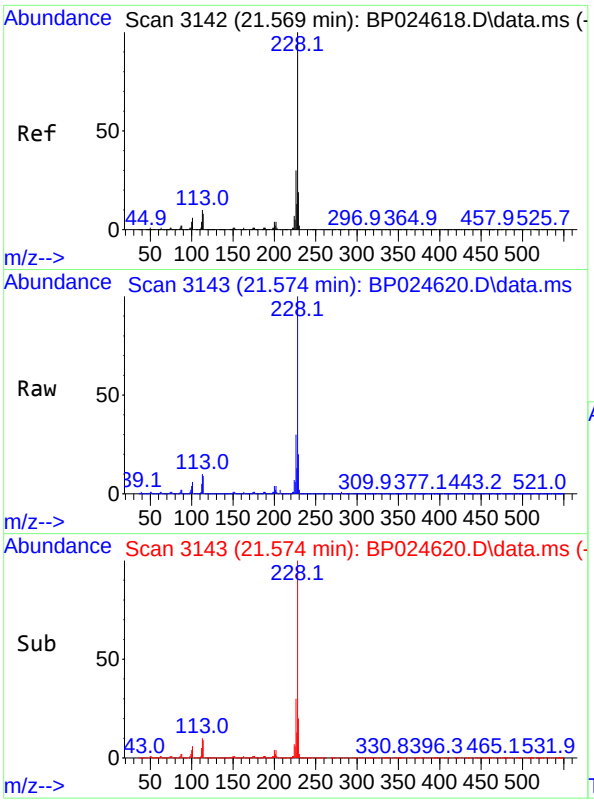


#82
3,3'-Dichlorobenzidine
Concen: 65.77 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 1114122

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.8	77.6
126	10.0	7.7	11.5



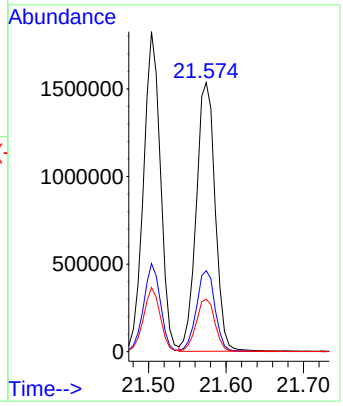


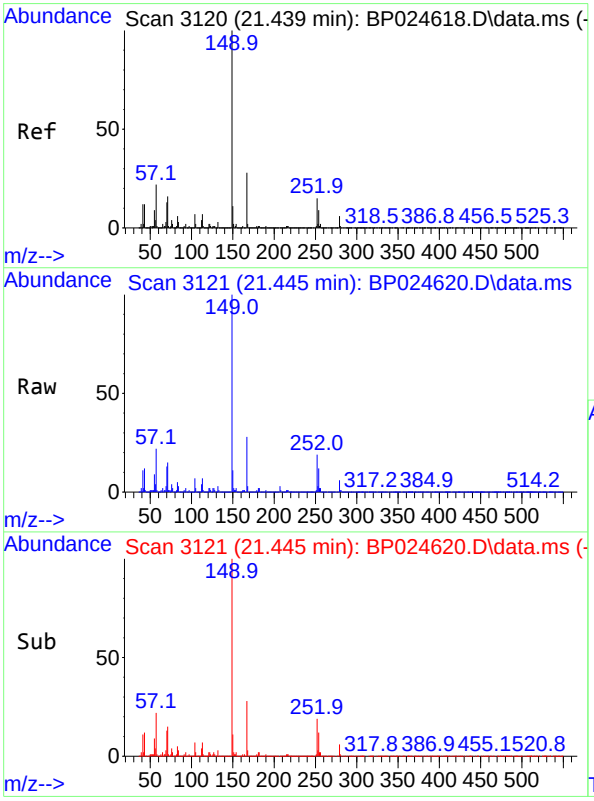
#83
Chrysene
Concen: 59.88 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 2588513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.5	15.5	23.3

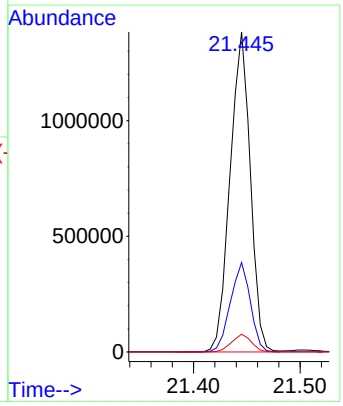


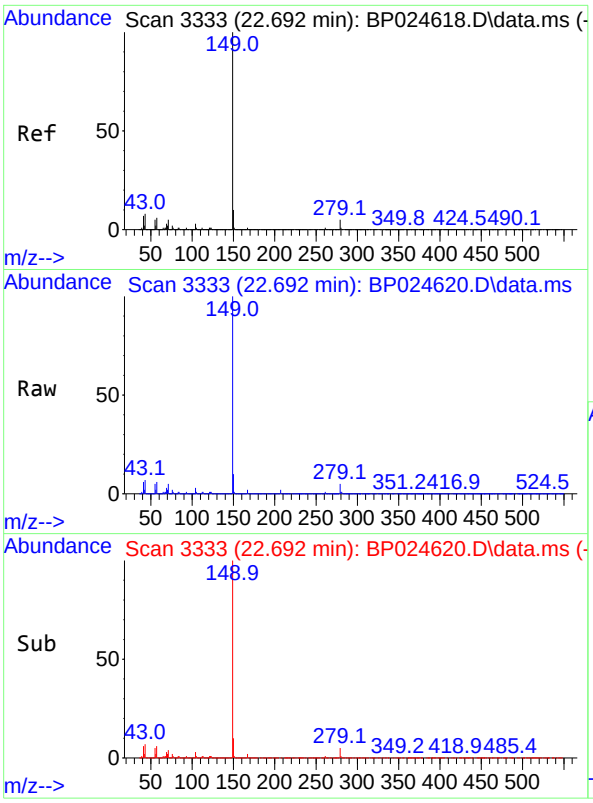


#84
Bis(2-ethylhexyl)phthalate
Concen: 64.05 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:149 Resp: 1822019

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.1	33.1
279	5.6	4.6	6.8



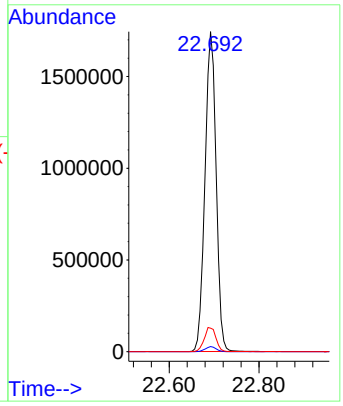


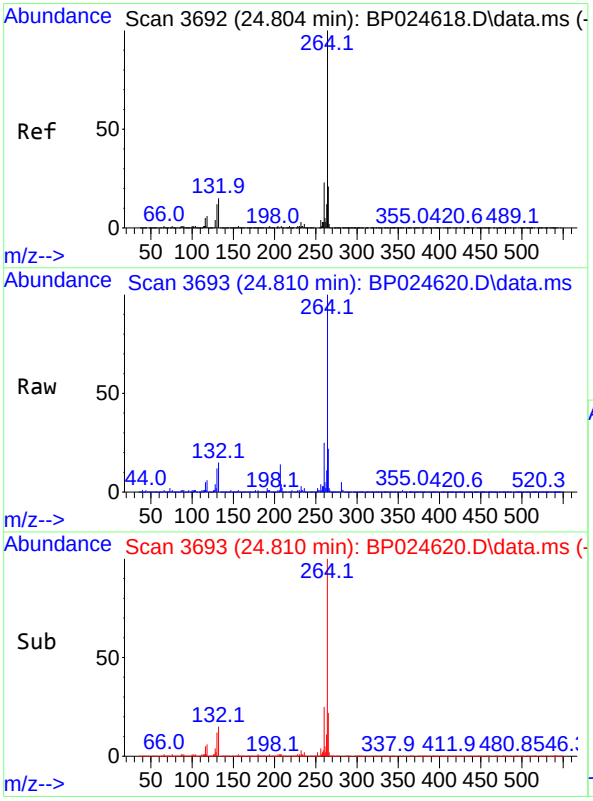
#85
Di-n-octyl phthalate
Concen: 64.47 ng
RT: 22.692 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 2998832

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.3	9.5

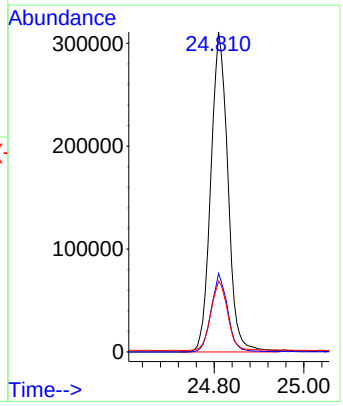


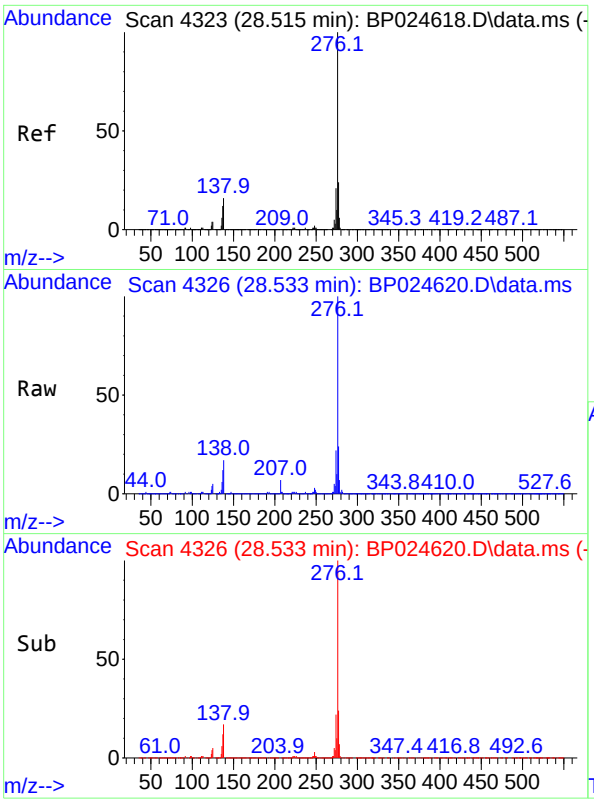


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.810 min Scan# 3693
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:264 Resp: 822943

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	22.1	17.0	25.6



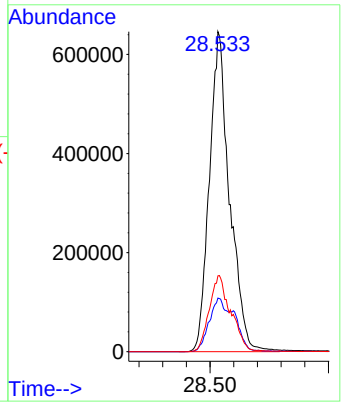


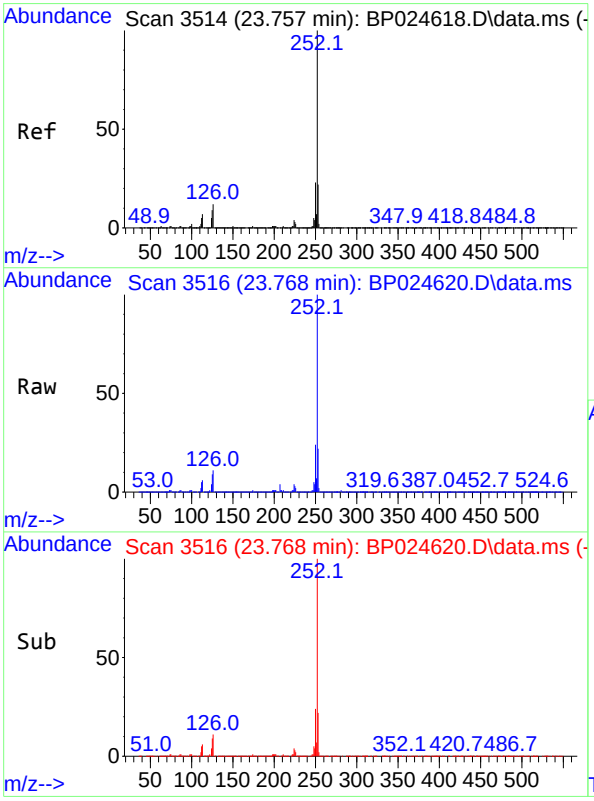
#87
Indeno(1,2,3-cd)pyrene
Concen: 63.64 ng
RT: 28.533 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 3824922

Ion	Ratio	Lower	Upper
276	100		
138	14.4	11.2	16.8
277	25.5	15.7	23.5#

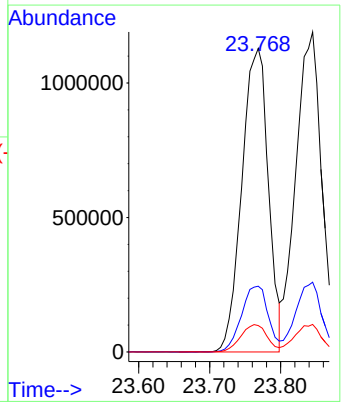


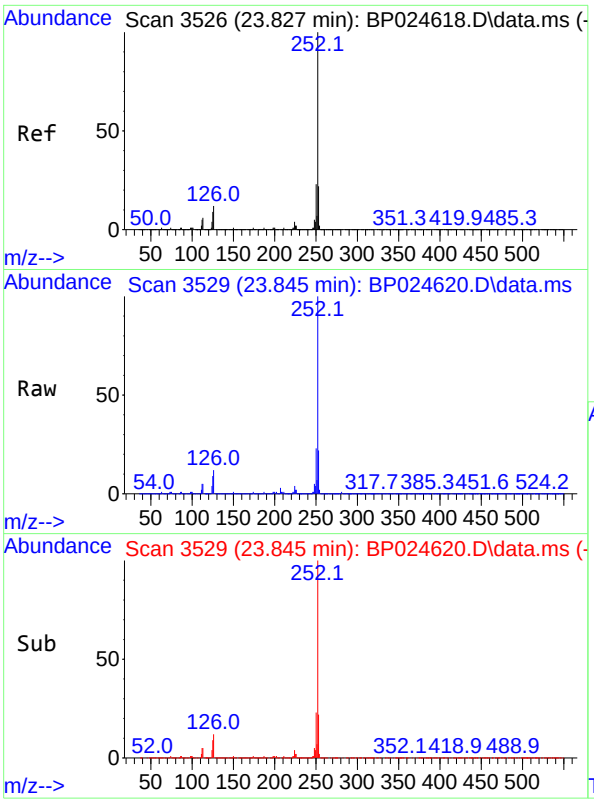


#88
Benzo(b)fluoranthene
Concen: 62.04 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2922103

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.7	7.5	11.3



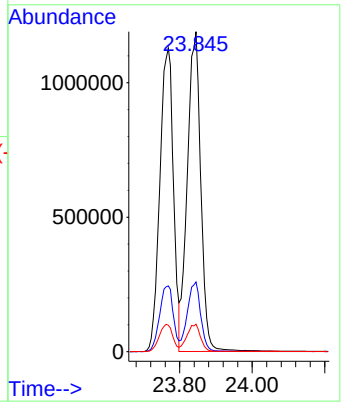


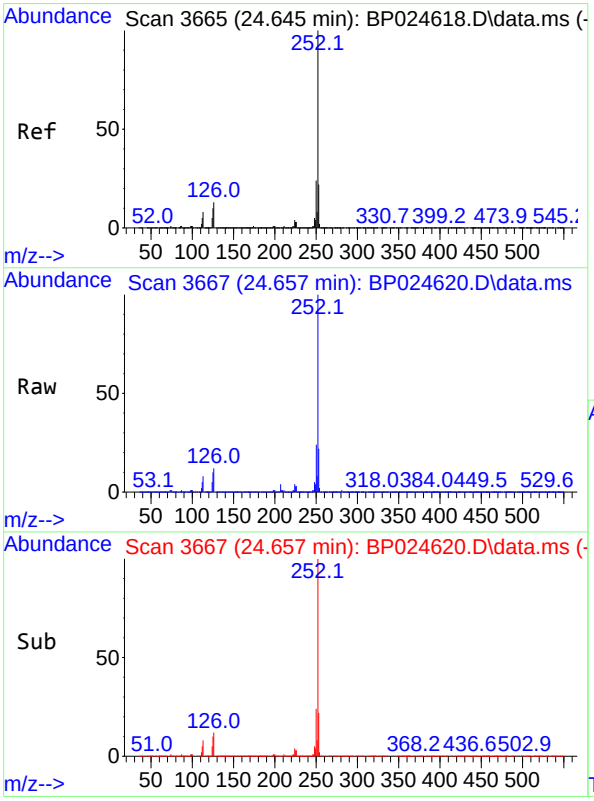
#89
Benzo(k)fluoranthene
Concen: 62.95 ng
RT: 23.845 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 3055252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.6	7.0	10.4

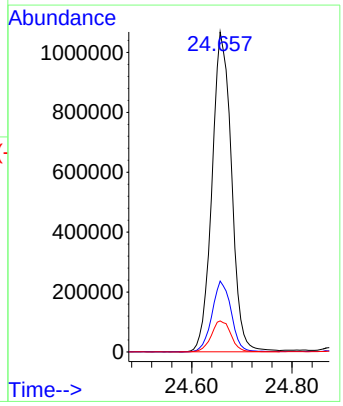


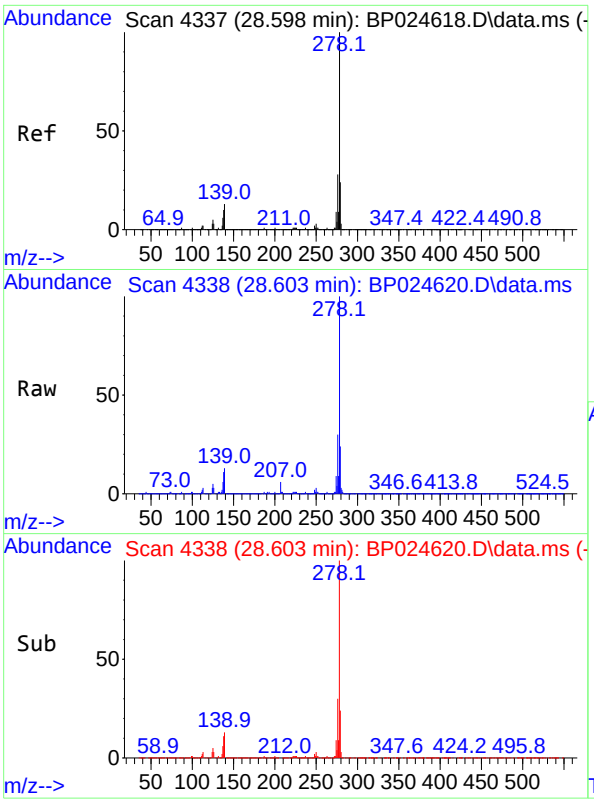


#90
Benzo(a)pyrene
Concen: 63.69 ng
RT: 24.657 min Scan# 3667
Delta R.T. 0.012 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:252 Resp: 2881508

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.7	8.1	12.1



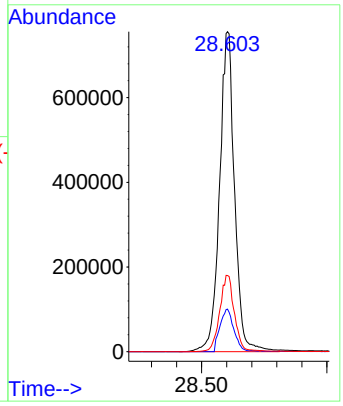


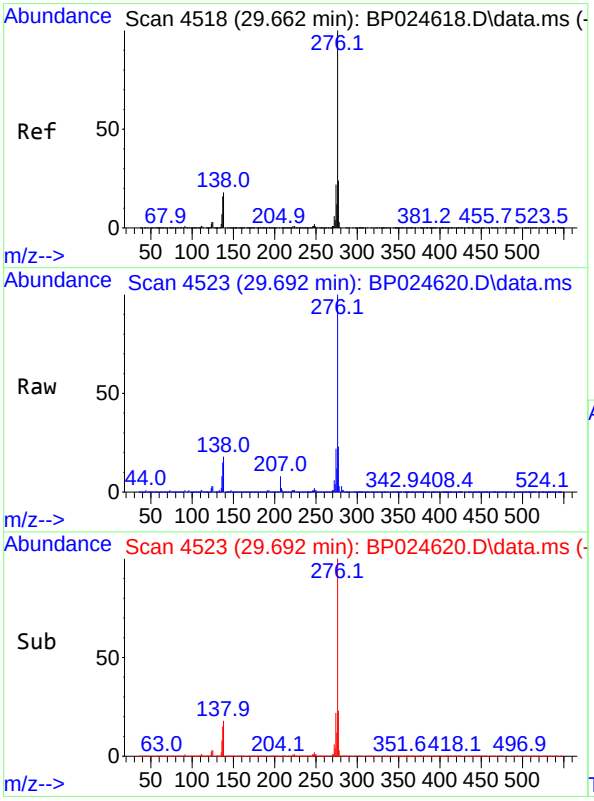
#91
Dibenzo(a,h)anthracene
Concen: 64.20 ng
RT: 28.603 min Scan# 4
Delta R.T. 0.006 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3137905

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.8	19.0	28.4

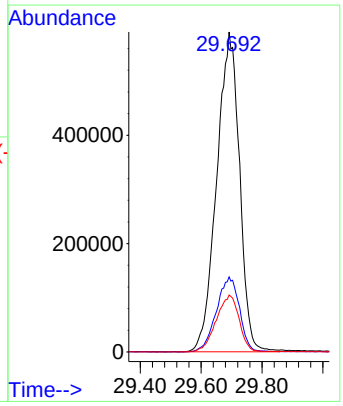




#92
Benzo(g,h,i)perylene
Concen: 63.07 ng
RT: 29.692 min Scan# 4523
Delta R.T. 0.029 min
Lab File: BP024620.D
Acq: 13 May 2025 14:45

Tgt Ion:276 Resp: 3065416

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	17.8	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng		0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng		0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng		0.00
86) Perylene-d12	24.804	264	877352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng		0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng		0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng		0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng		0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng		0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng		99
3) Pyridine	3.622	79	679364	82.98	ng		98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng		100
6) Aniline	7.005	93	1075238	82.99	ng		100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng		99
9) Benzaldehyde	6.822	77	412028	63.54	ng		100
10) Phenol	6.887	94	859122	82.95	ng		100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng		100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng		100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng		98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng		99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng		98
17) 2-Methylphenol	8.110	107	620901	83.58	ng		99
18) Hexachloroethane	8.728	117	306812	77.52	ng		97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng		98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng		99
22) Acetophenone	8.481	105	1147610	78.62	ng	#	99
24) Nitrobenzene	8.857	77	804153	79.02	ng		98
25) Isophorone	9.381	82	1593235	79.42	ng		100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng		98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng		100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng		99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng		98
31) Naphthalene	10.487	128	2354789	77.77	ng		100
32) Benzoic acid	9.828	122	525308	80.15	ng		99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng		99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng		97
35) Caprolactam	11.416	113	257252	83.50	ng		96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng		99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng		100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng		100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

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

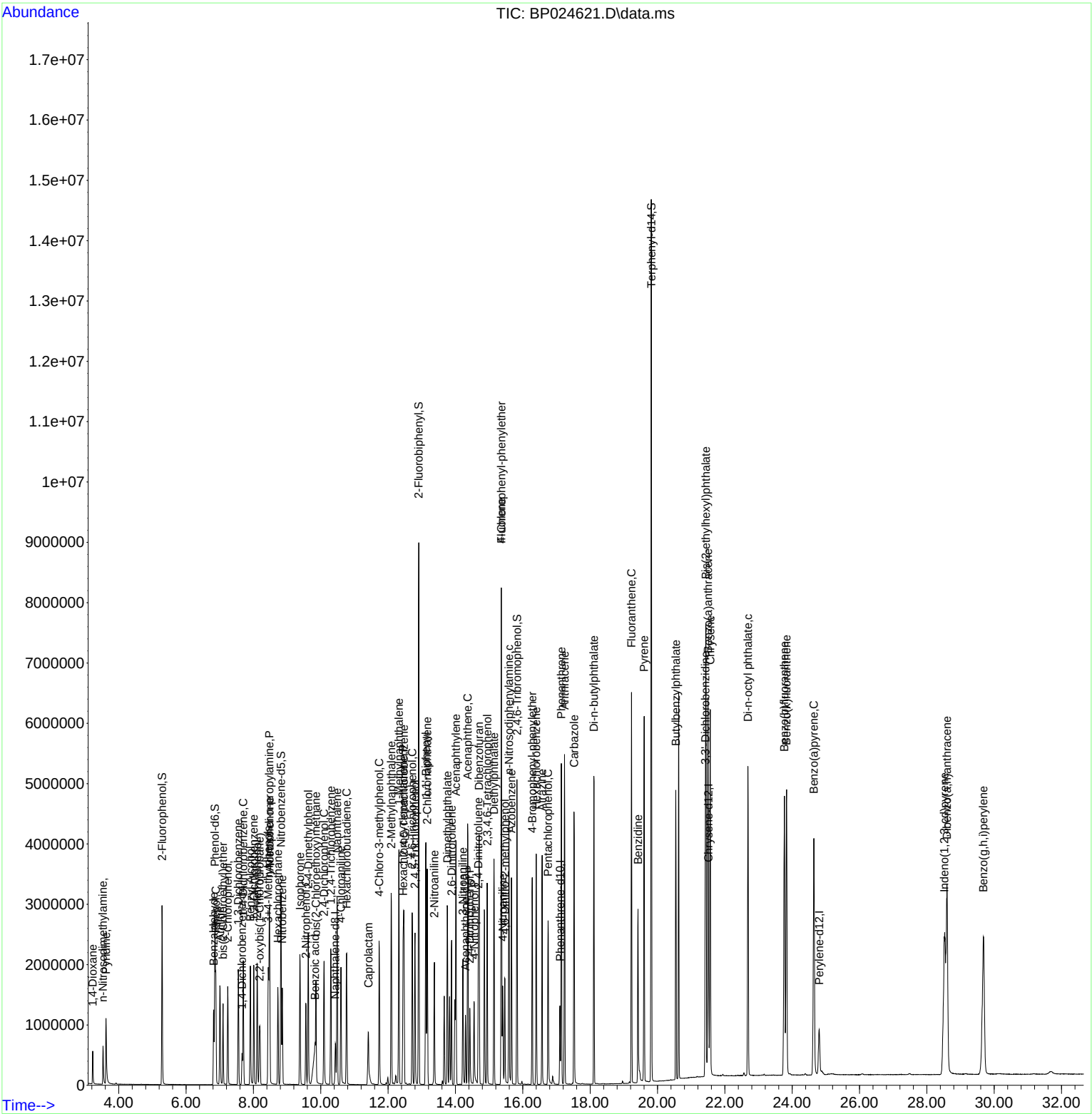
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

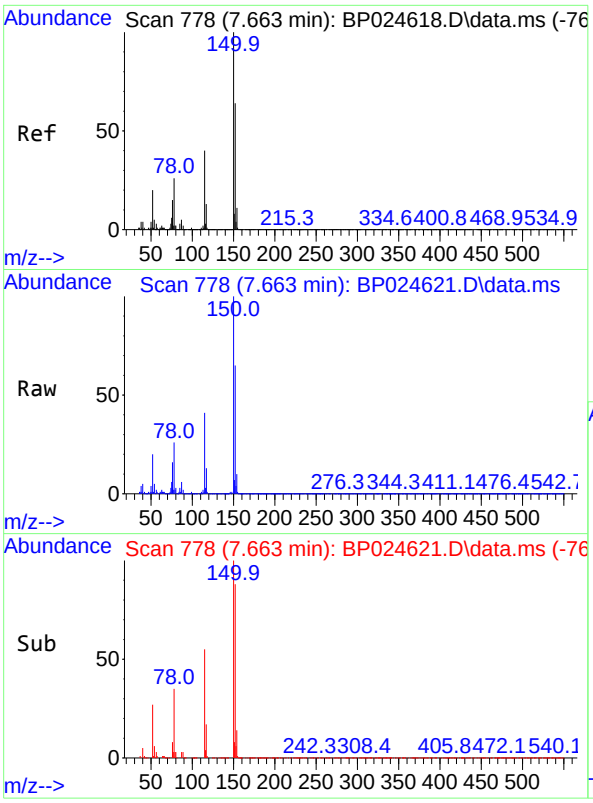
Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

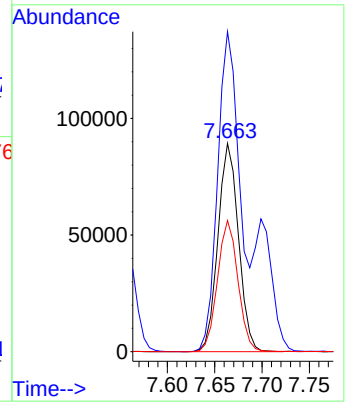




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:152 Resp: 13448

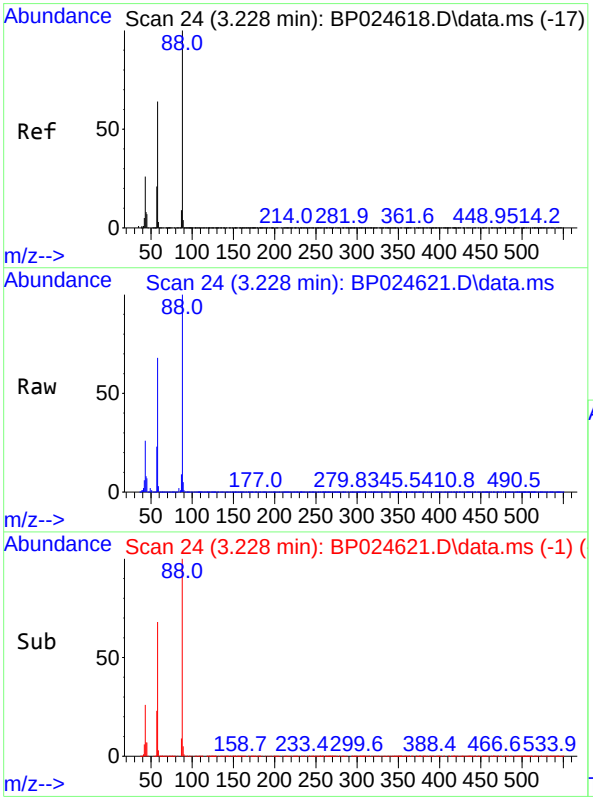
Ion	Ratio	Lower	Upper
152	100		
150	153.6	125.9	188.9
115	63.0	50.1	75.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

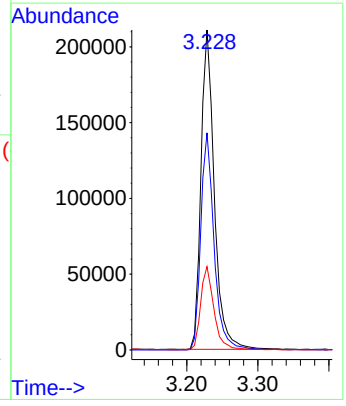
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

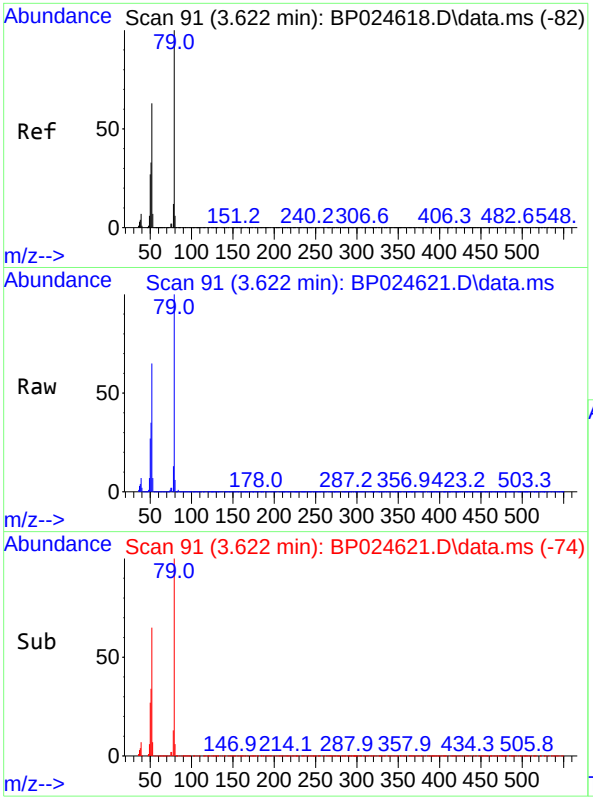


#2
1,4-Dioxane
Concen: 74.70 ng
RT: 3.228 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 88 Resp: 275790

Ion	Ratio	Lower	Upper
88	100		
58	68.0	54.0	81.0
43	26.1	21.4	32.0

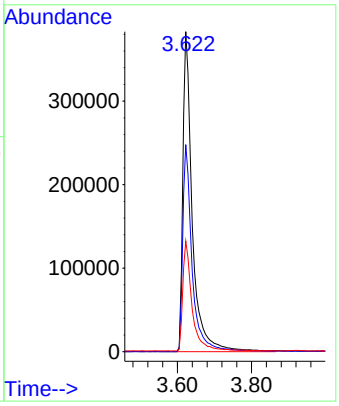




#3
Pyridine
Concen: 82.98 ng
RT: 3.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 79 Resp: 67936

Ion	Ratio	Lower	Upper
79	100		
52	64.7	50.2	75.2
51	34.6	26.8	40.2



Instrument :
BNA_P
ClientSampleId :
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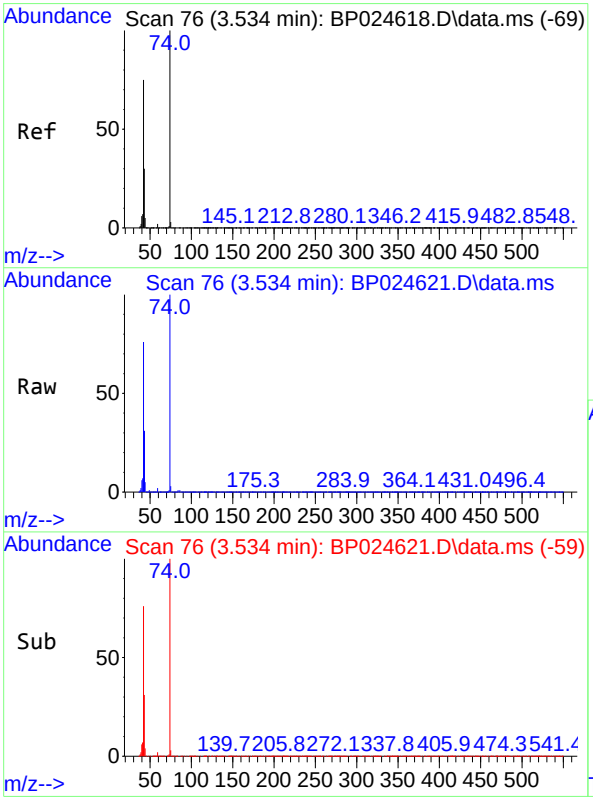
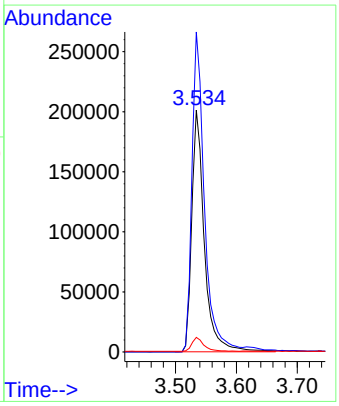
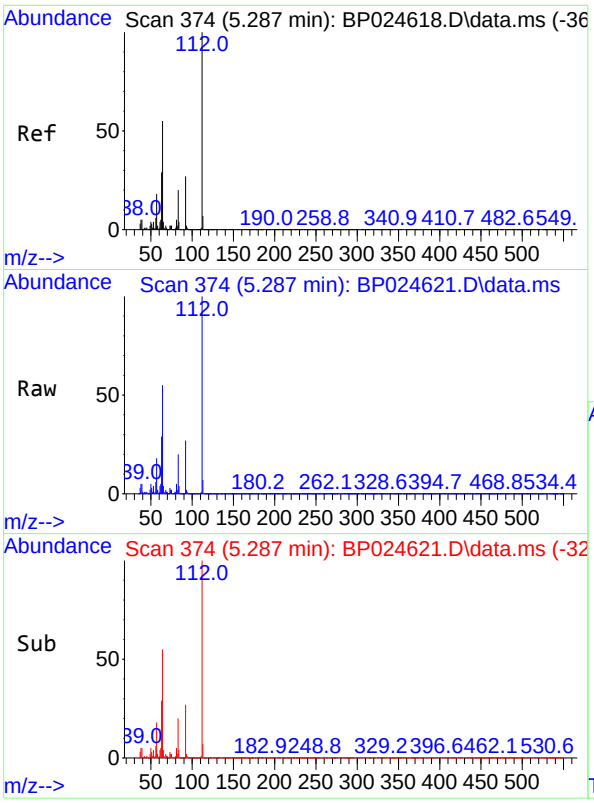


#4
n-Nitrosodimethylamine
Concen: 79.96 ng
RT: 3.534 min Scan# 76
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 42 Resp: 289012

Ion	Ratio	Lower	Upper
42	100		
74	132.2	106.2	159.2
44	6.0	5.4	8.2





#5
2-Fluorophenol
Concen: 163.25 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:112 Resp: 128358

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.1	66.1
63	29.4	23.5	35.3

Instrument :
BNA_P
ClientSampleId :
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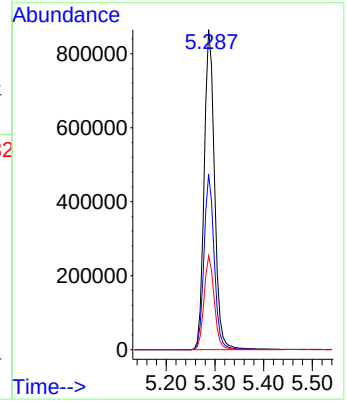
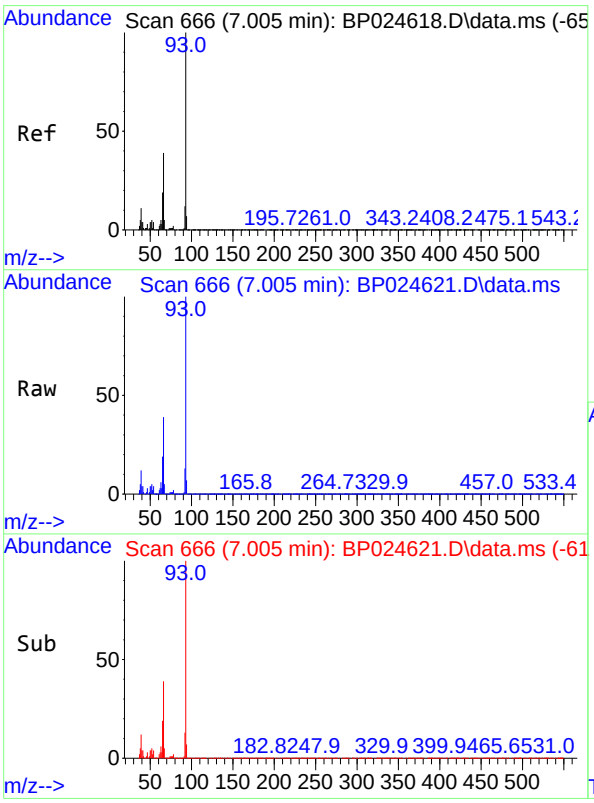
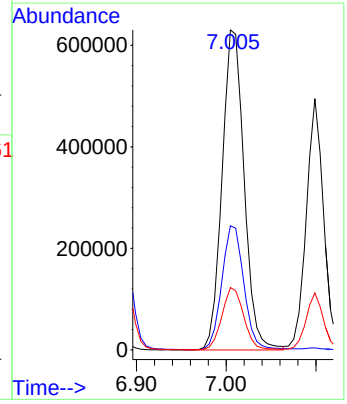


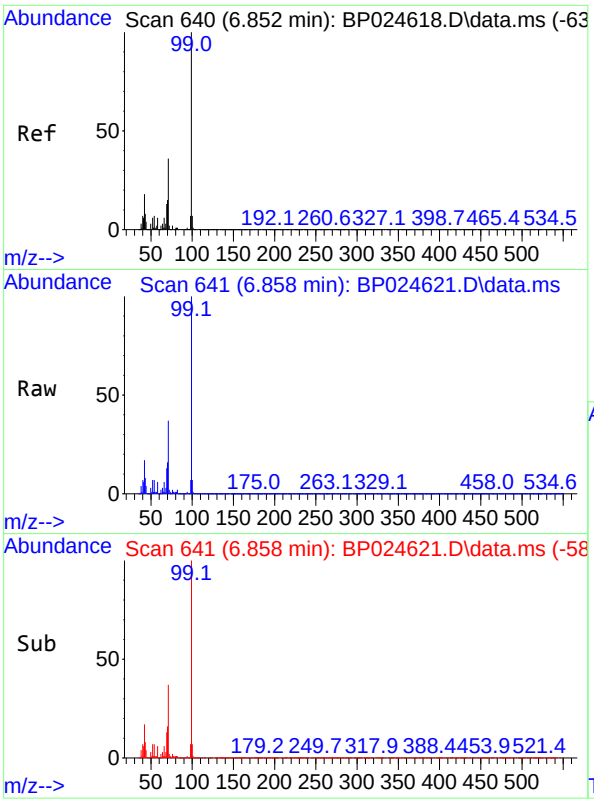


#6
Aniline
Concen: 82.99 ng
RT: 7.005 min Scan# 666
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 1075238

Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.0	46.6
65	19.5	15.5	23.3

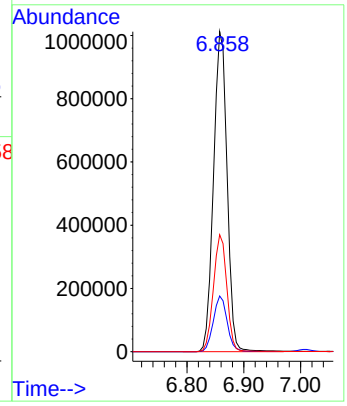




#7
Phenol-d6
Concen: 166.42 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 99 Resp: 167003

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.6	29.2	43.8



Instrument :
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ClientSampleId :
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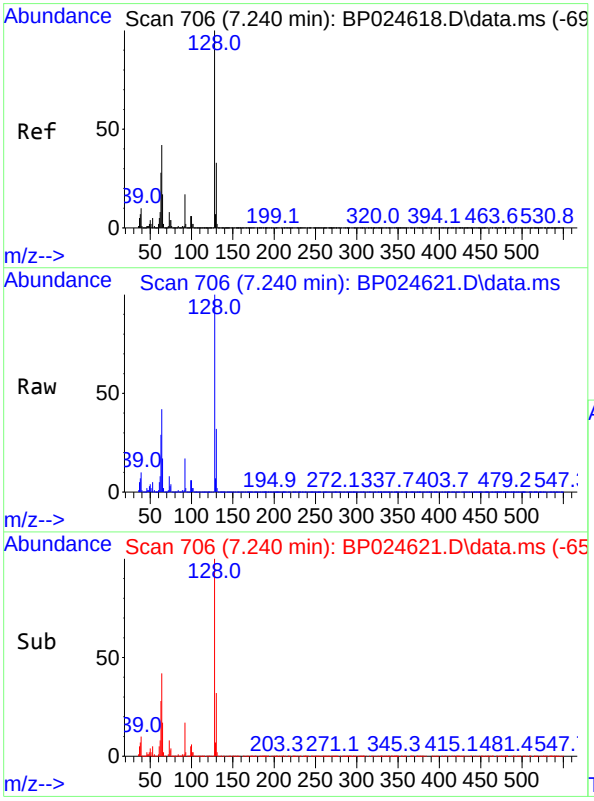
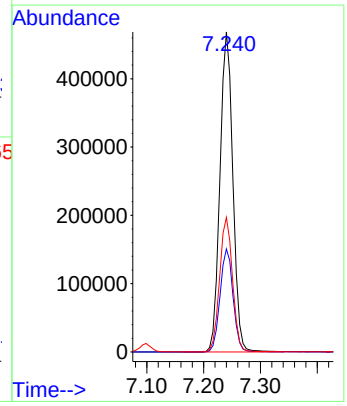
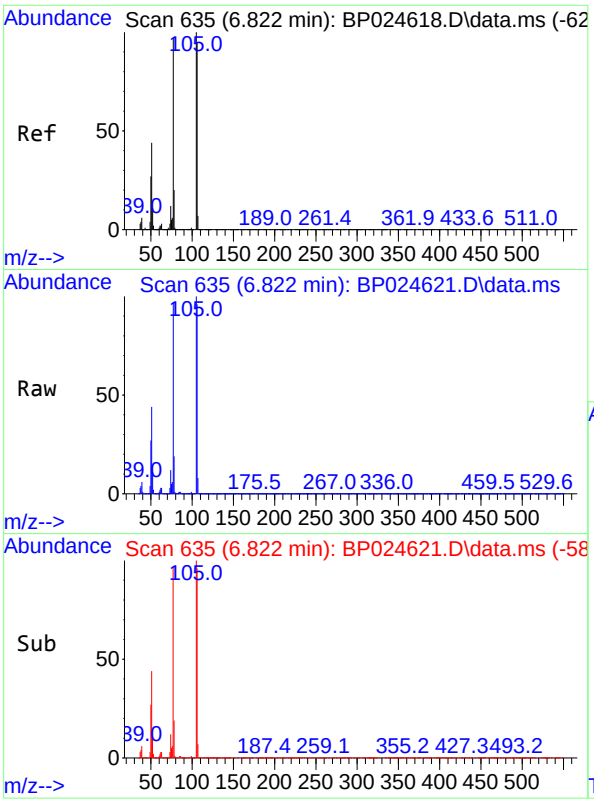


#8
2-Chlorophenol
Concen: 82.91 ng
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 740005

Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.0	53.0
64	42.1	22.3	62.3

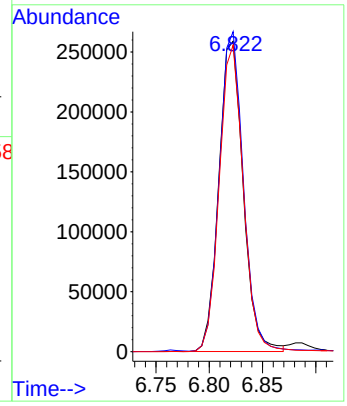




#9
Benzaldehyde
Concen: 63.54 ng
RT: 6.822 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 41202

Ion	Ratio	Lower	Upper
77	100		
105	103.1	83.3	123.3
106	98.7	78.0	118.0



Instrument :
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ClientSampleId :
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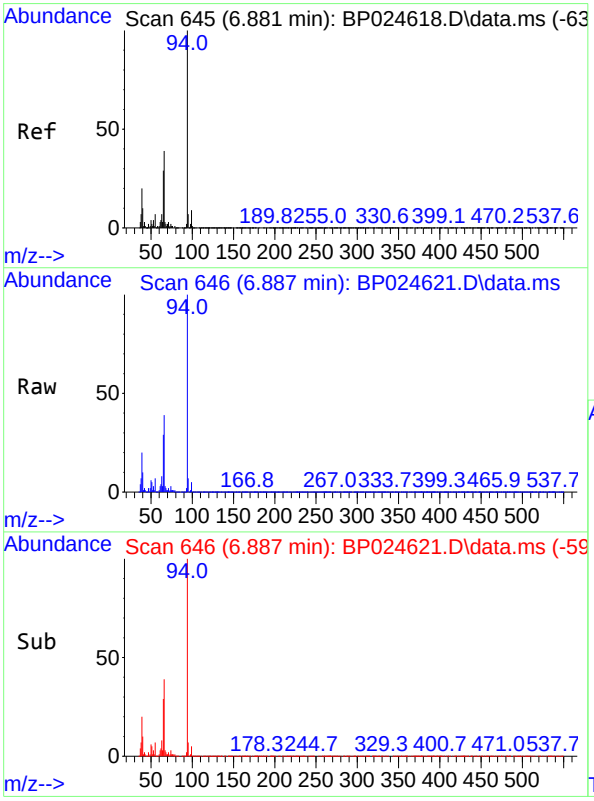
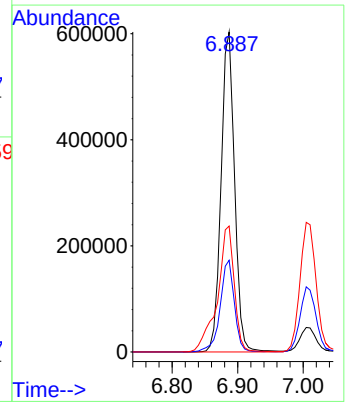
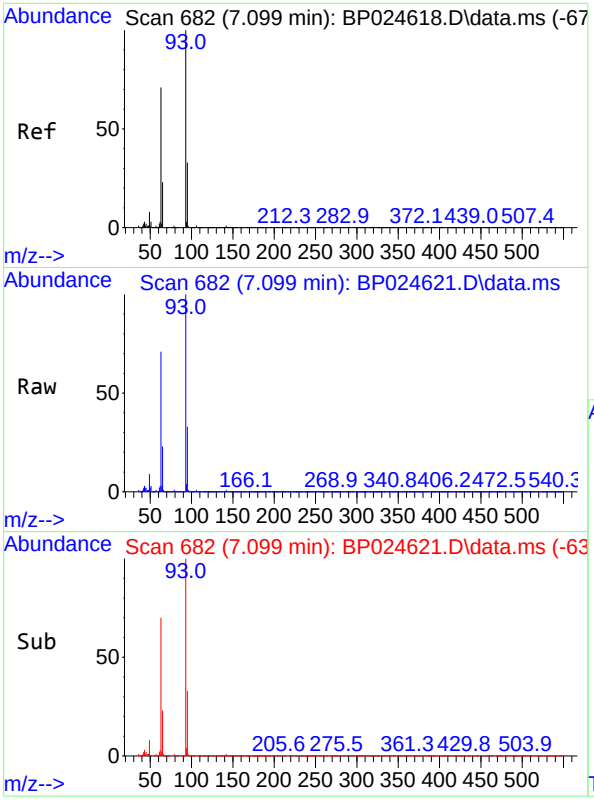


#10
Phenol
Concen: 82.95 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 94 Resp: 859122

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	39.3	19.4	59.4

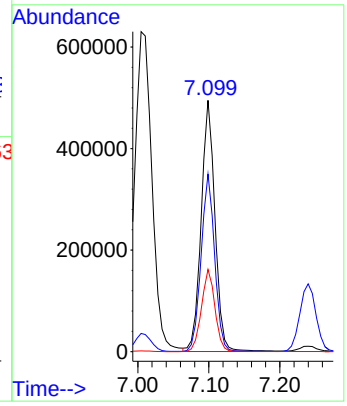




#11
bis(2-Chloroethyl)ether
Concen: 78.79 ng
RT: 7.099 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 67057

Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.6	90.6
95	32.7	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
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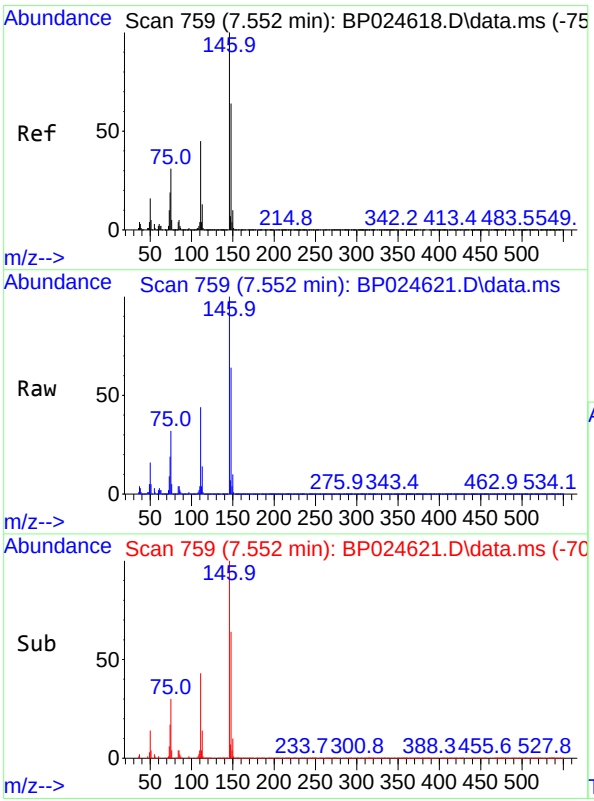
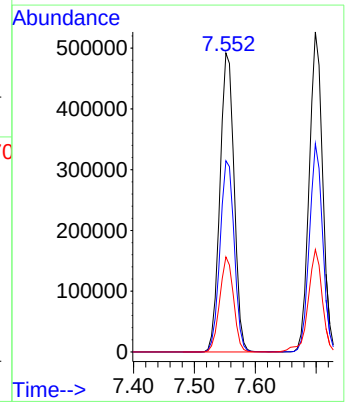
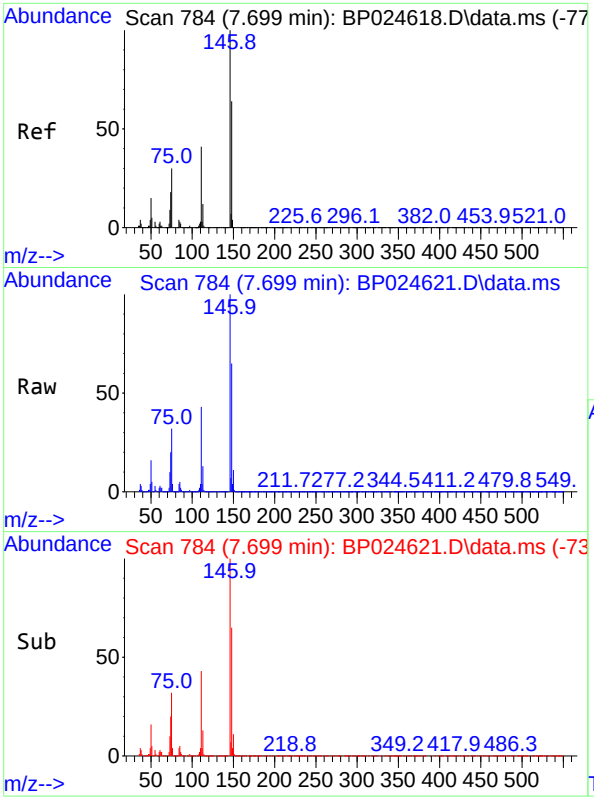


#12
1,3-Dichlorobenzene
Concen: 77.51 ng
RT: 7.552 min Scan# 759
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 795953

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
75	31.8	25.2	37.8

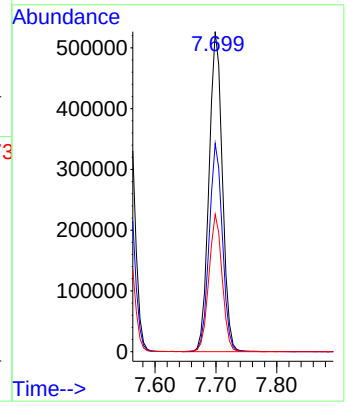




#13
1,4-Dichlorobenzene
Concen: 77.67 ng
RT: 7.699 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 80218

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.6
111	43.0	33.0	49.6



Instrument :
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ClientSampleId :
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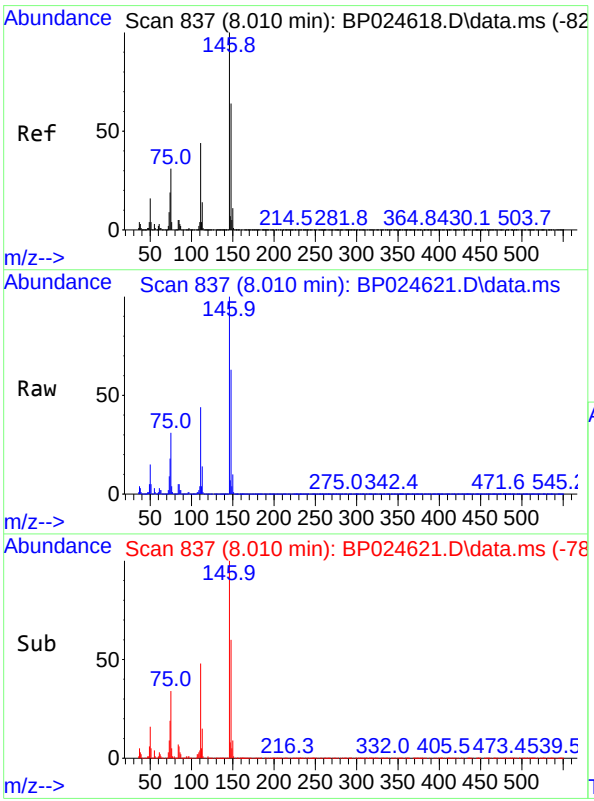
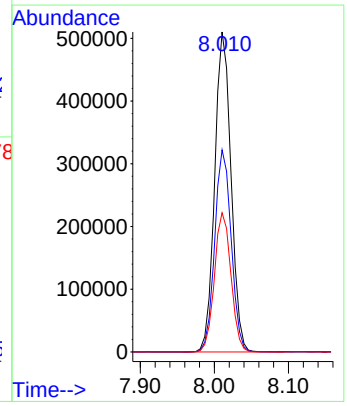
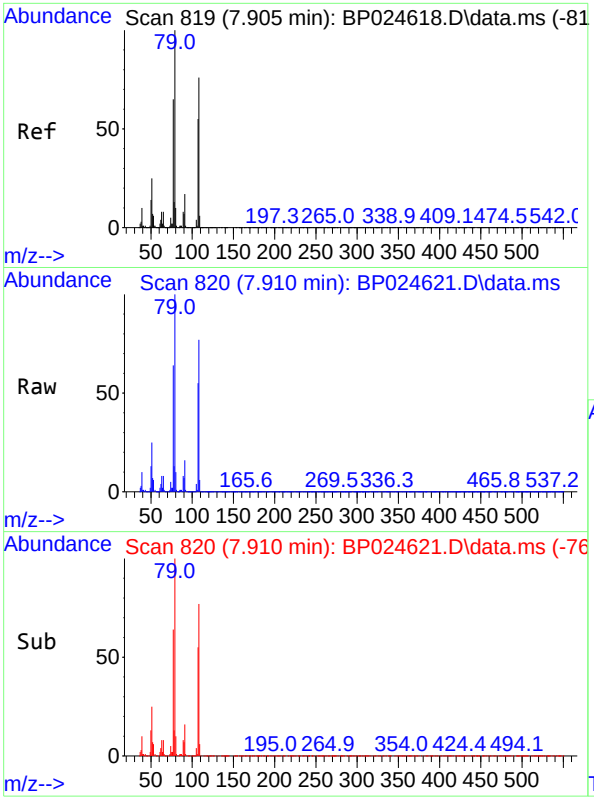


#14
1,2-Dichlorobenzene
Concen: 77.43 ng
RT: 8.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:146 Resp: 779316

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	43.5	35.2	52.8





#15
Benzyl Alcohol
Concen: 87.16 ng
RT: 7.910 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 79 Resp: 66468

Ion	Ratio	Lower	Upper
79	100		
108	76.7	60.8	91.2
77	63.9	51.9	77.9

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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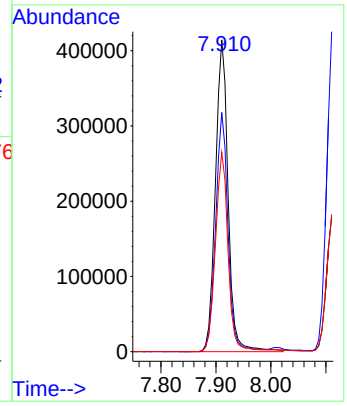
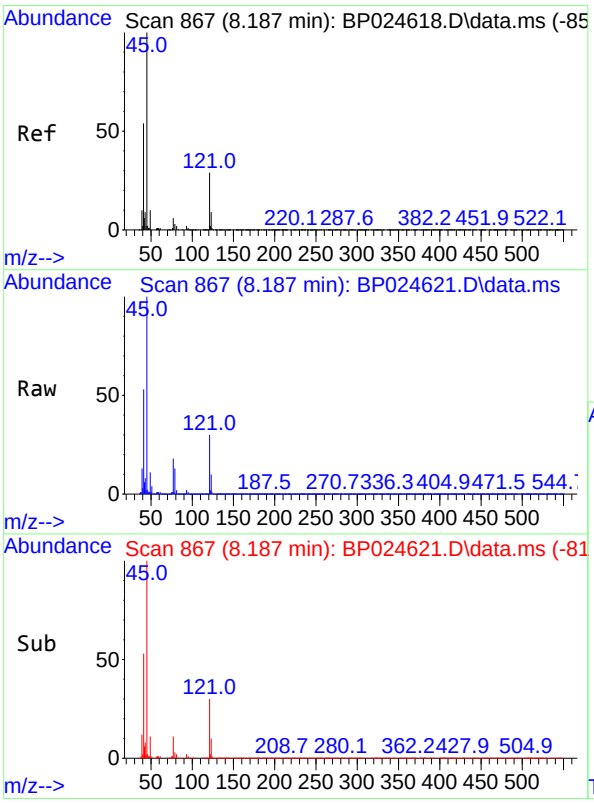
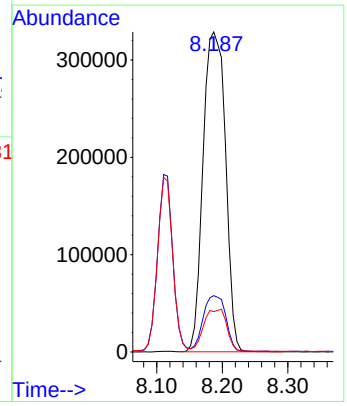


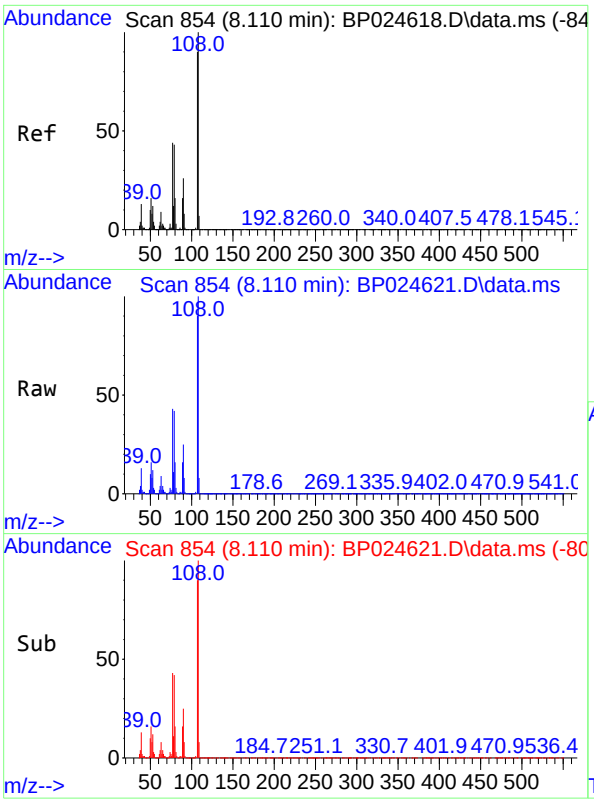


#16
2,2'-oxybis(1-Chloropropane)
Concen: 76.75 ng
RT: 8.187 min Scan# 867
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 45 Resp: 782240

Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	37.7
79	12.6	0.0	34.0

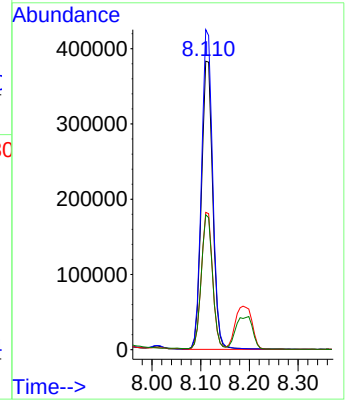




#17
2-Methylphenol
Concen: 83.58 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 62090

Ion	Ratio	Lower	Upper
107	100		
108	110.9	88.9	133.3
77	47.6	39.0	58.6
79	46.7	38.4	57.6



Instrument :
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ClientSampleId :
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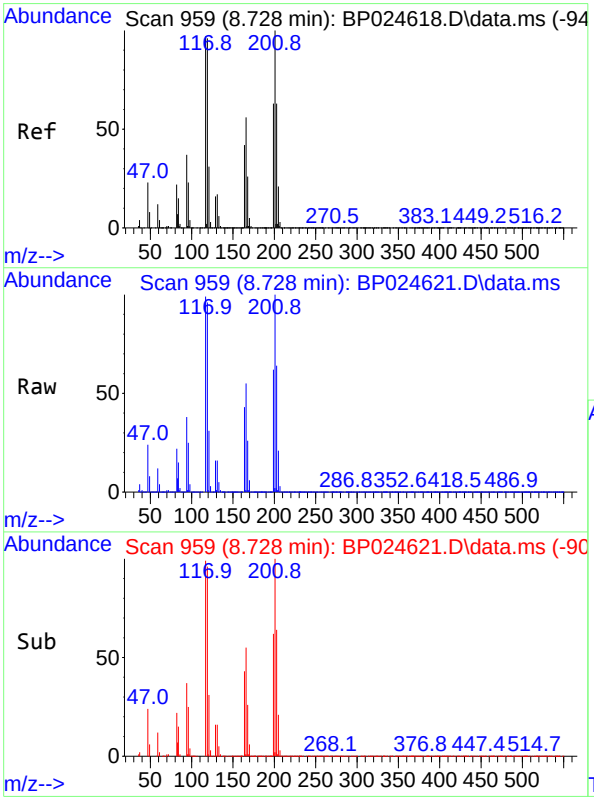
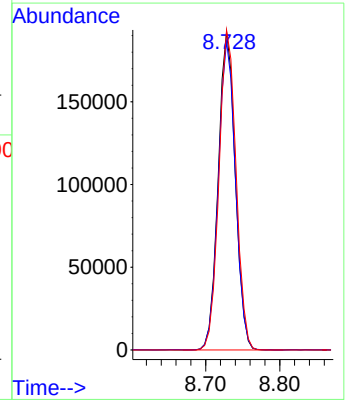
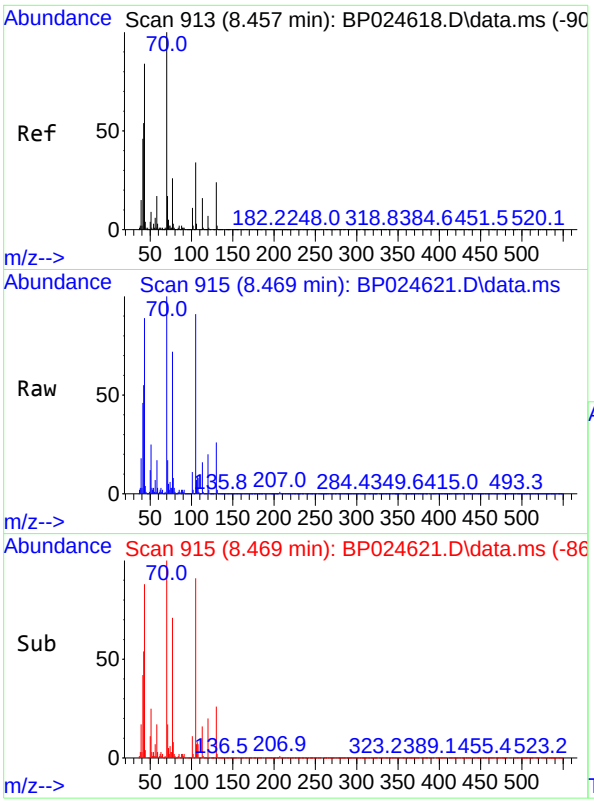


#18
Hexachloroethane
Concen: 77.52 ng
RT: 8.728 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:117 Resp: 306812

Ion	Ratio	Lower	Upper
117	100		
119	96.9	79.4	119.0
201	100.5	82.7	124.1

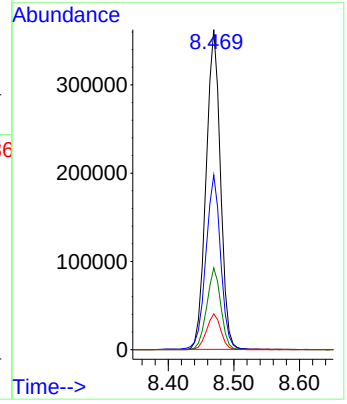




#19
n-Nitroso-di-n-propylamine
Concen: 79.50 ng
RT: 8.469 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 70 Resp: 55184

Ion	Ratio	Lower	Upper
70	100		
42	54.6	43.0	64.6
101	11.2	8.7	13.1
130	25.6	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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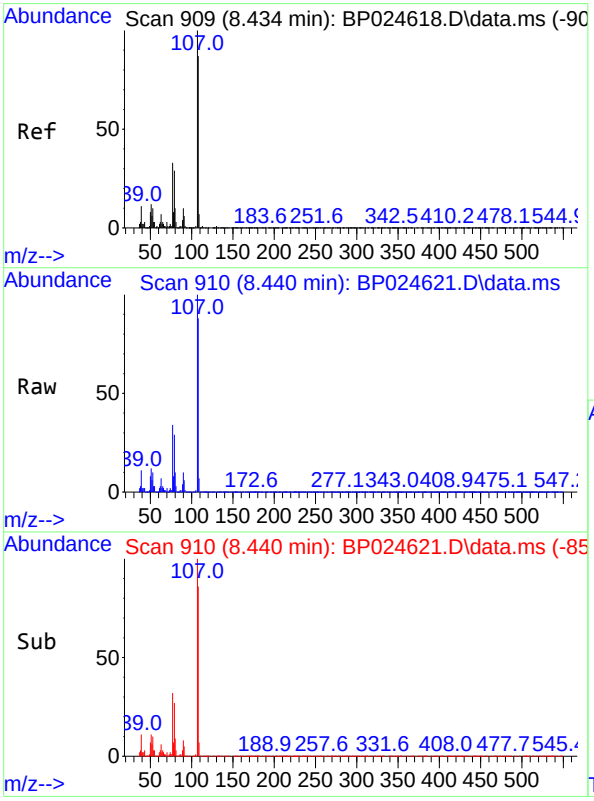
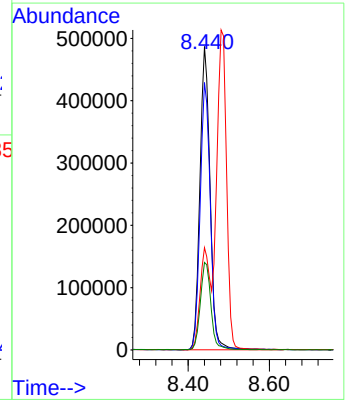
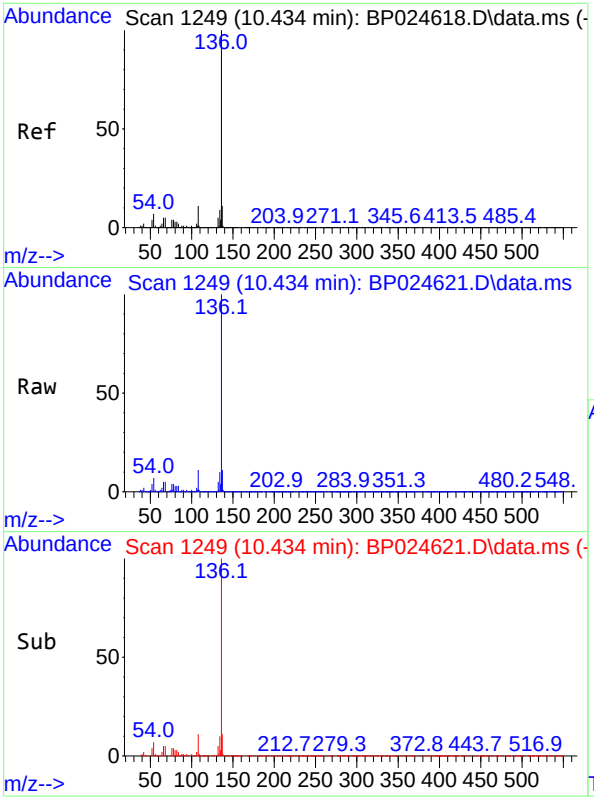


#20
3+4-Methylphenols
Concen: 84.32 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 852078

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.7	13.1	53.1
79	28.8	8.9	48.9

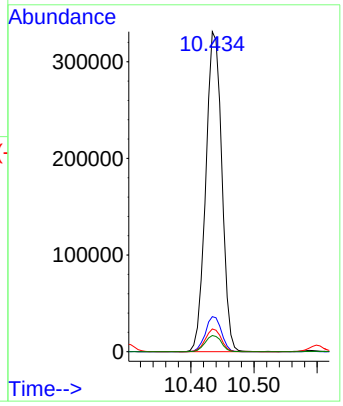




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:136 Resp: 58432

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.1	5.5	8.3
68	5.1	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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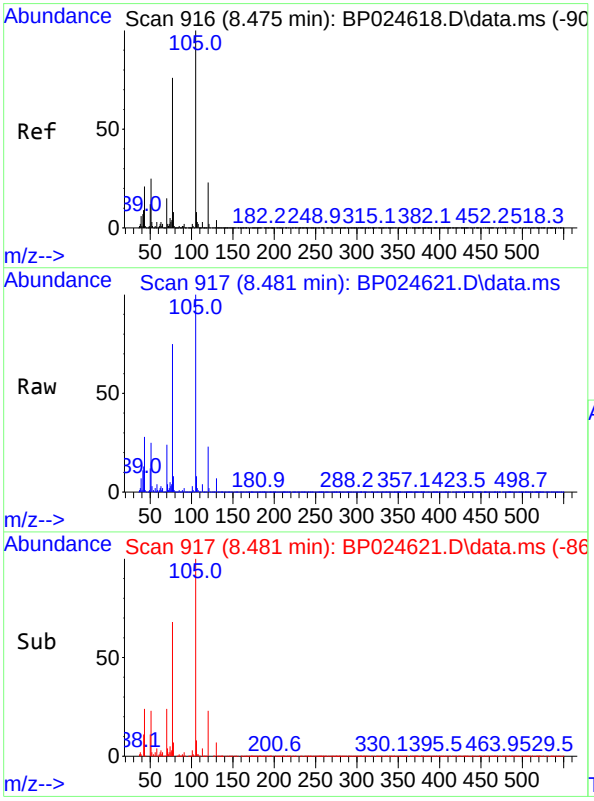
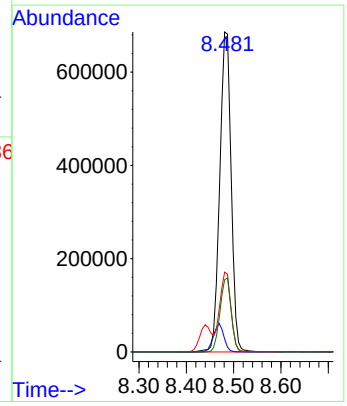
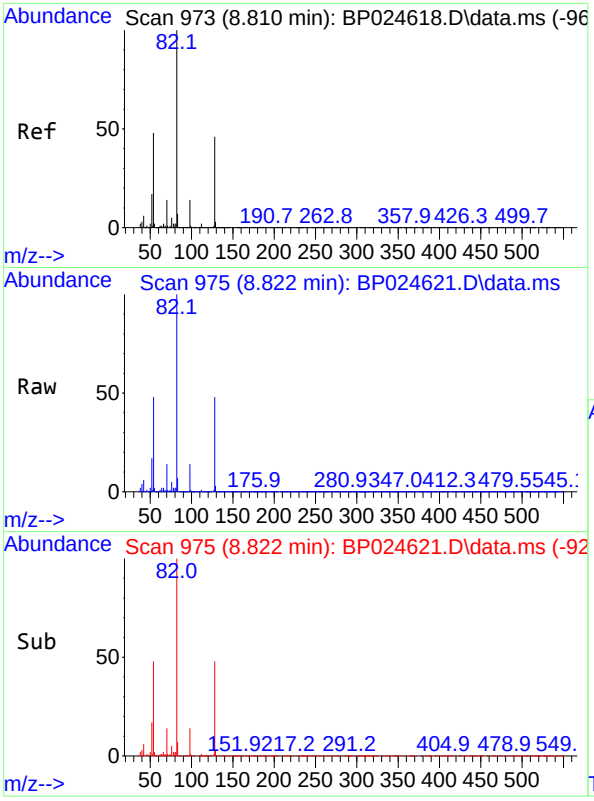


#22
Acetophenone
Concen: 78.62 ng
RT: 8.481 min Scan# 917
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:105 Resp: 1147610

Ion	Ratio	Lower	Upper
105	100		
71	4.0	2.0	3.0#
51	25.0	20.4	30.6
120	22.6	18.1	27.1

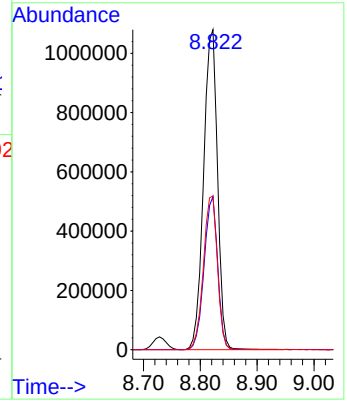




#23
Nitrobenzene-d5
Concen: 159.12 ng
RT: 8.822 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 82 Resp: 184018

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.0	55.4
54	48.0	38.7	58.1



Instrument :
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ClientSampleId :
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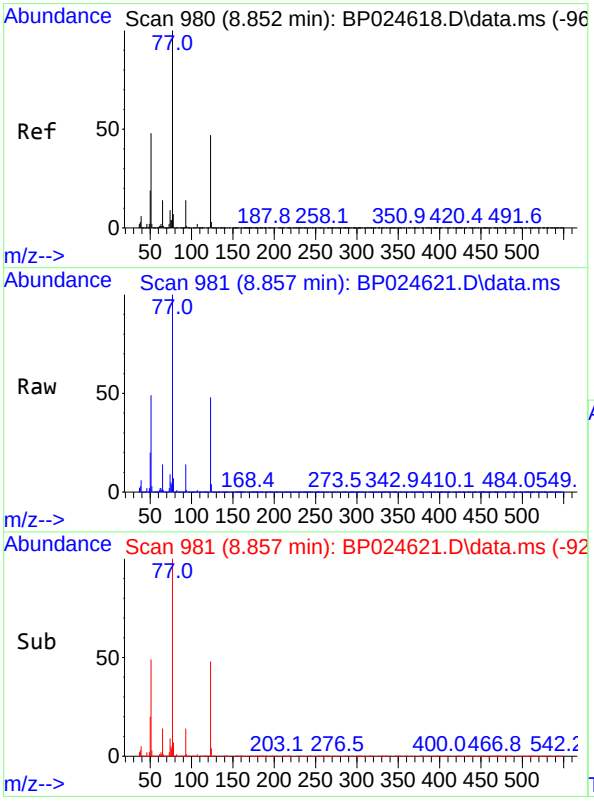
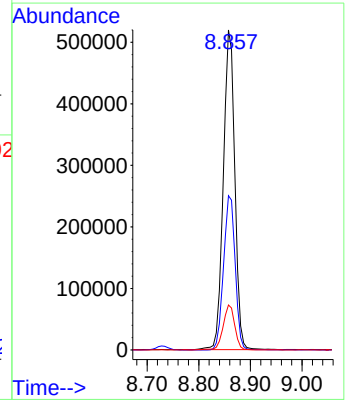
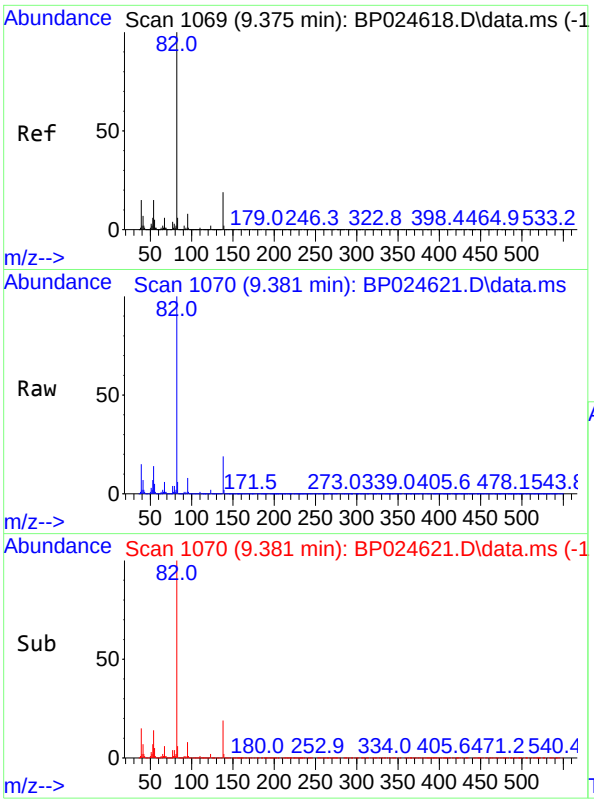


#24
Nitrobenzene
Concen: 79.02 ng
RT: 8.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 804153

Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.4	56.0
65	14.0	11.3	16.9

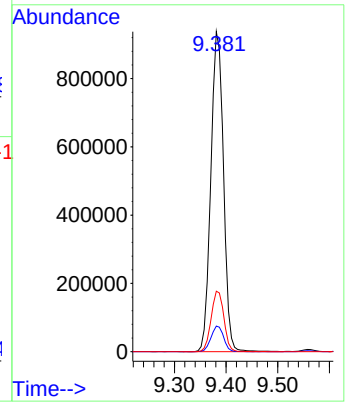




#25
Isophorone
Concen: 79.42 ng
RT: 9.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 82 Resp: 159323

Ion	Ratio	Lower	Upper
82	100		
95	8.0	6.3	9.5
138	18.9	15.3	22.9



Instrument :
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ClientSampleId :
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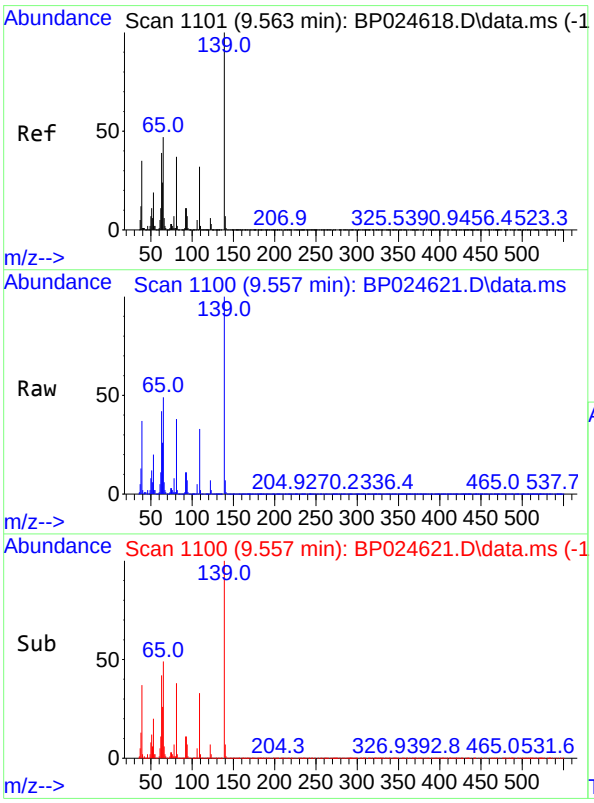
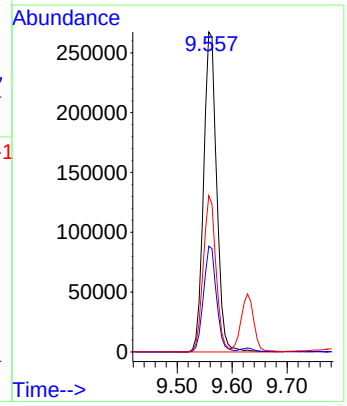
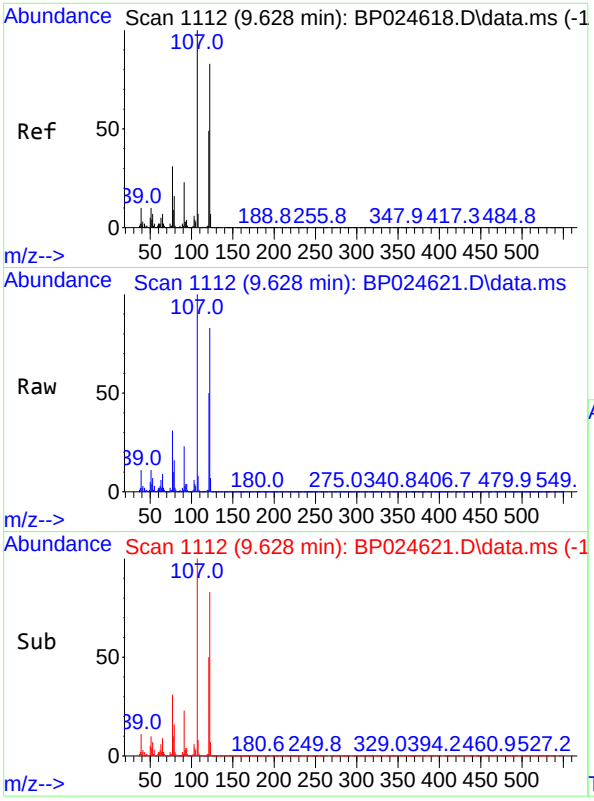


#26
2-Nitrophenol
Concen: 88.67 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 442185

Ion	Ratio	Lower	Upper
139	100		
109	33.1	25.9	38.9
65	48.8	37.9	56.9





#27
2,4-Dimethylphenol
Concen: 82.17 ng
RT: 9.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:122 Resp: 72243

Ion	Ratio	Lower	Upper
122	100		
107	120.6	96.2	144.2
121	59.7	47.6	71.4

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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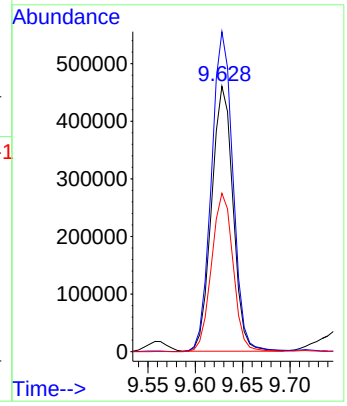
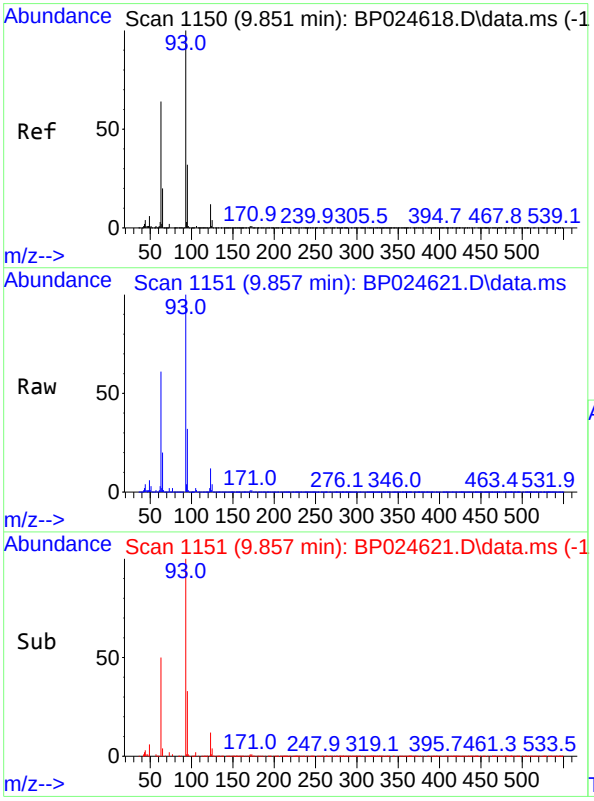
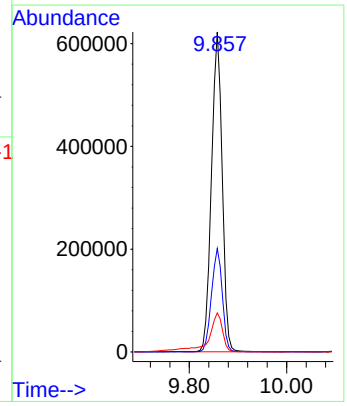


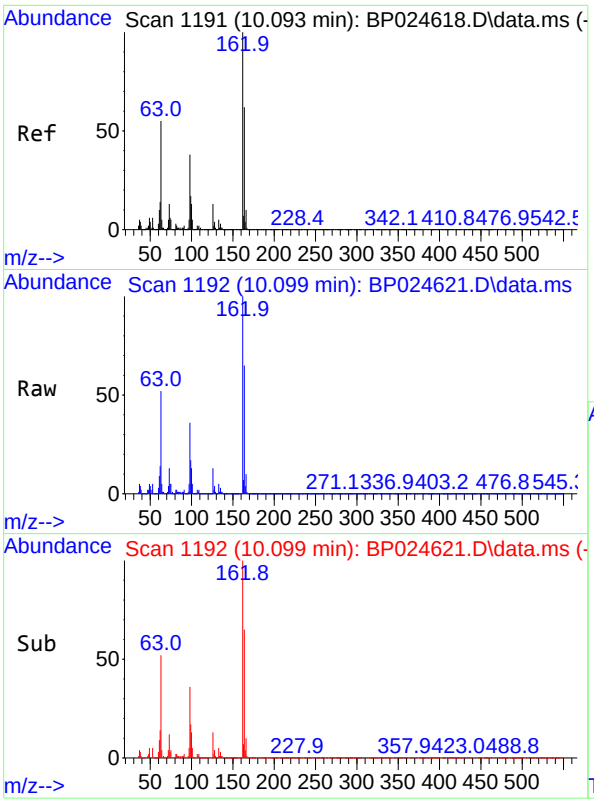


#28
bis(2-Chloroethoxy)methane
Concen: 78.98 ng
RT: 9.857 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 93 Resp: 946615

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.2	9.7	14.5

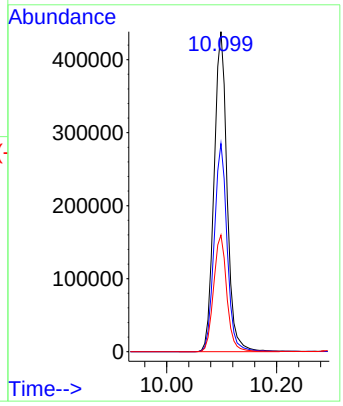




#29
2,4-Dichlorophenol
Concen: 84.70 ng
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:162 Resp: 72170

Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.3	82.3
98	36.5	18.4	58.4



Instrument :
BNA_P
ClientSampleId :
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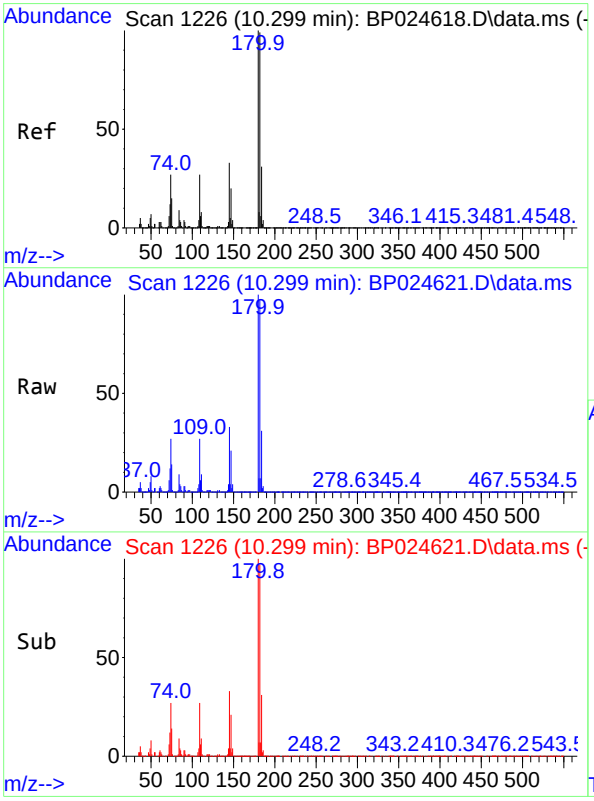
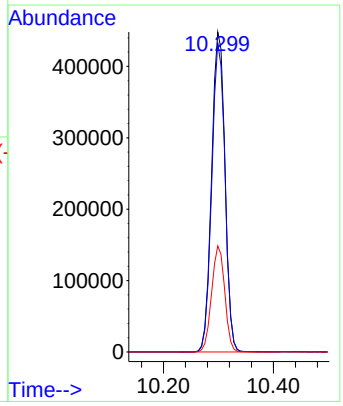
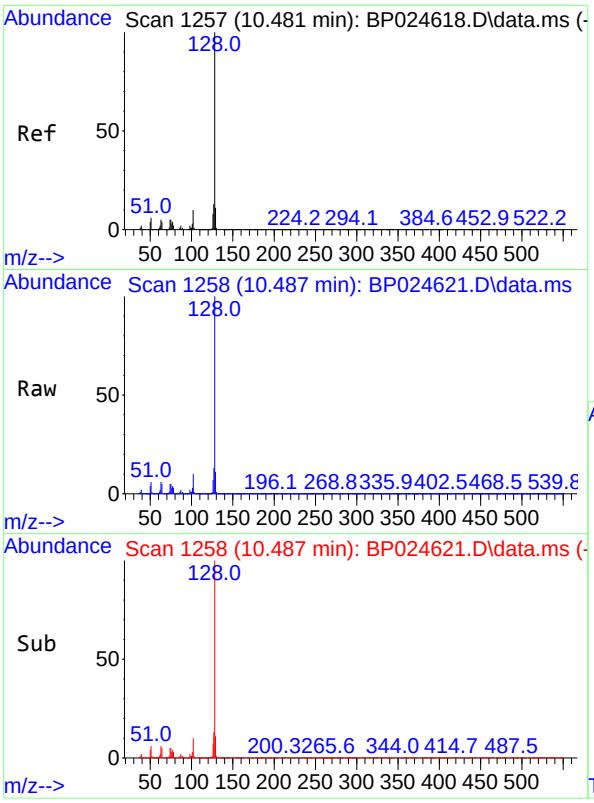


#30
1,2,4-Trichlorobenzene
Concen: 78.69 ng
RT: 10.299 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:180 Resp: 755529

Ion	Ratio	Lower	Upper
180	100		
182	96.5	79.0	118.4
145	33.1	26.6	39.8

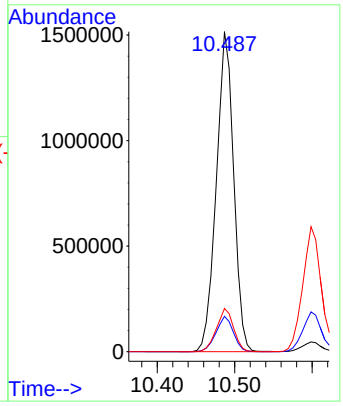




#31
Naphthalene
Concen: 77.77 ng
RT: 10.487 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:128 Resp: 235478

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.7	16.1



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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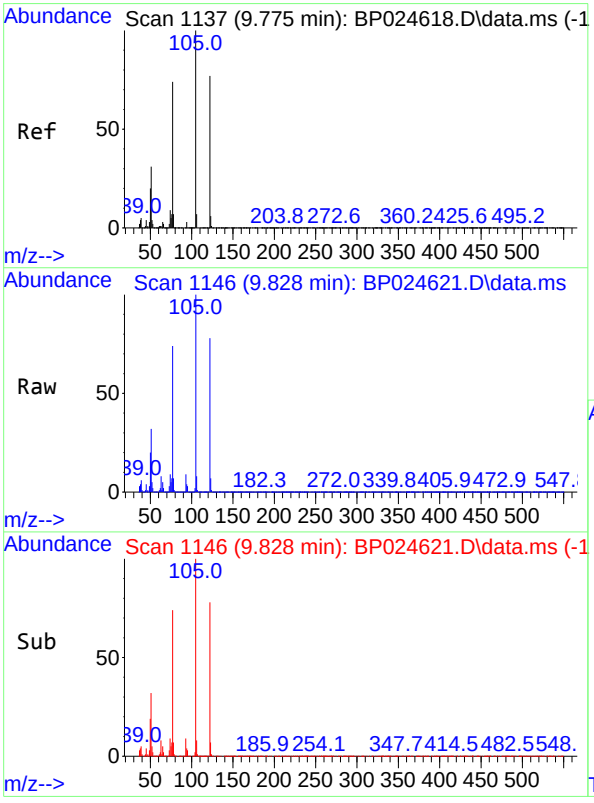
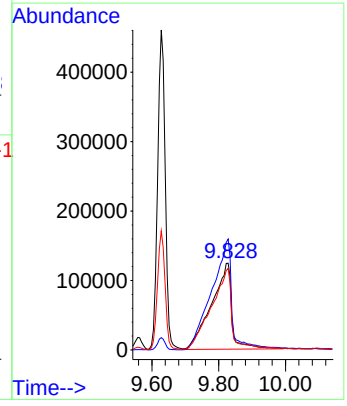
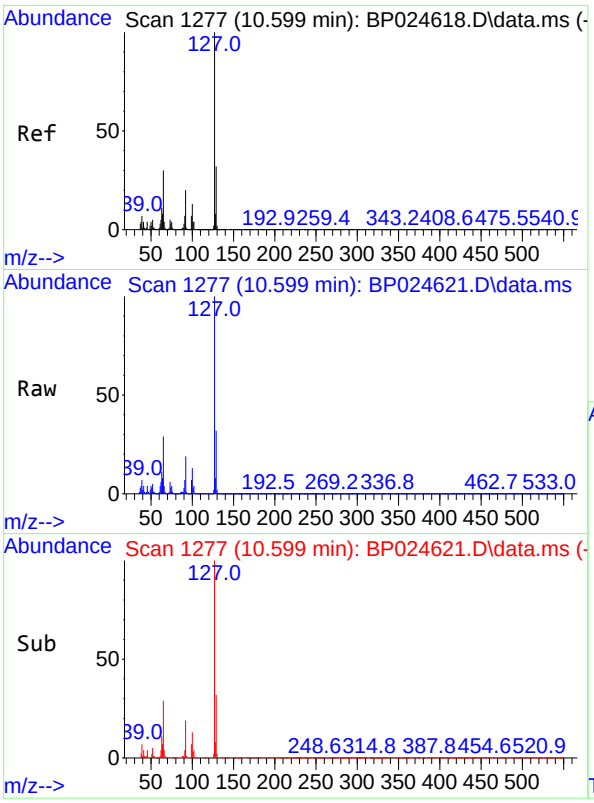


#32
Benzoic acid
Concen: 80.15 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.053 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:122 Resp: 525308

Ion	Ratio	Lower	Upper
122	100		
105	127.9	106.9	146.9
77	94.2	75.1	115.1

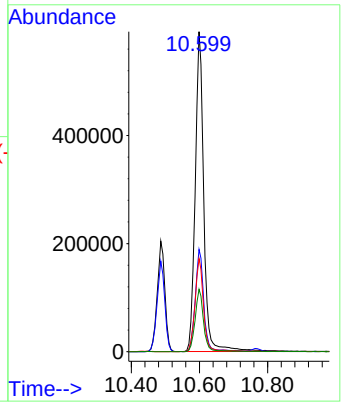




#33
4-Chloroaniline
Concen: 84.61 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:127 Resp: 103386

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.6
65	29.1	23.9	35.9
92	19.5	16.1	24.1



Instrument :
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ClientSampleId :
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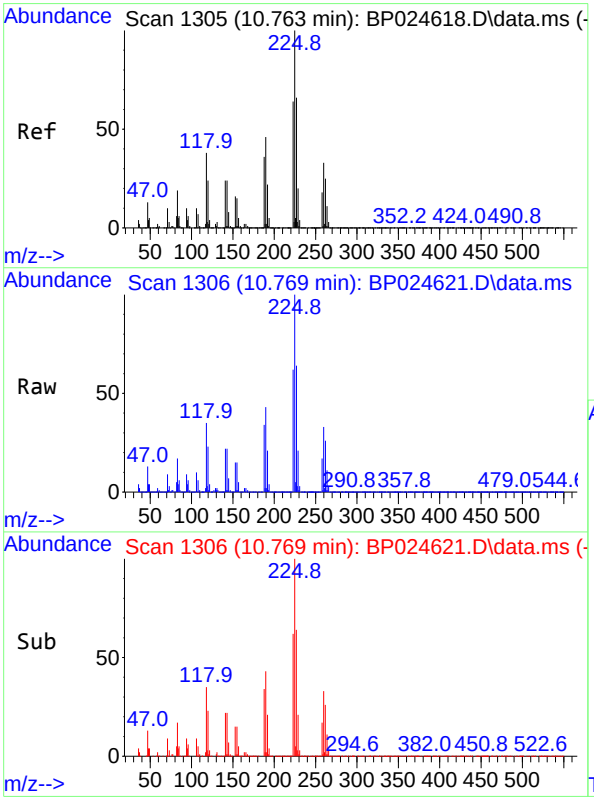
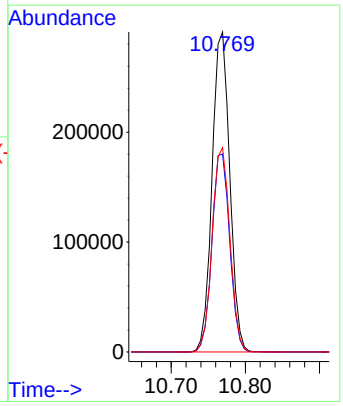
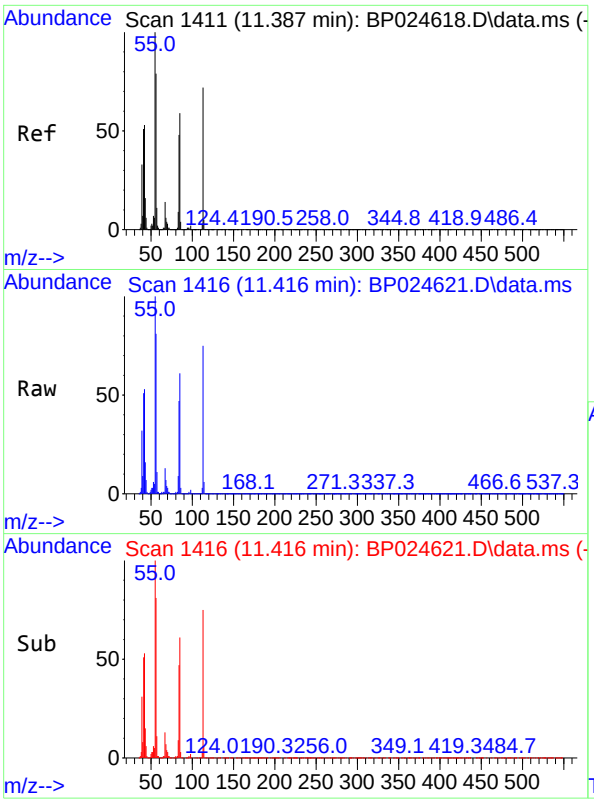


#34
Hexachlorobutadiene
Concen: 77.35 ng
RT: 10.769 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:225 Resp: 481140

Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.8	53.1	79.7





#35
Caprolactam
Concen: 83.50 ng
RT: 11.416 min Scan# 14
Delta R.T. 0.029 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:113 Resp: 25725

Ion	Ratio	Lower	Upper
113	100		
55	133.3	119.0	159.0
56	107.8	90.3	130.3

Instrument :
BNA_P
ClientSampleId :
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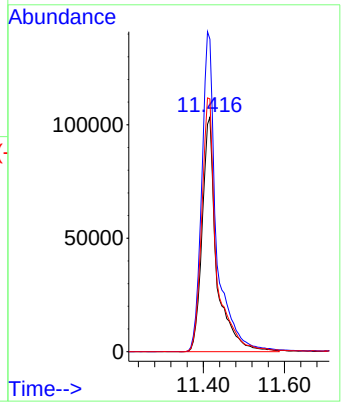
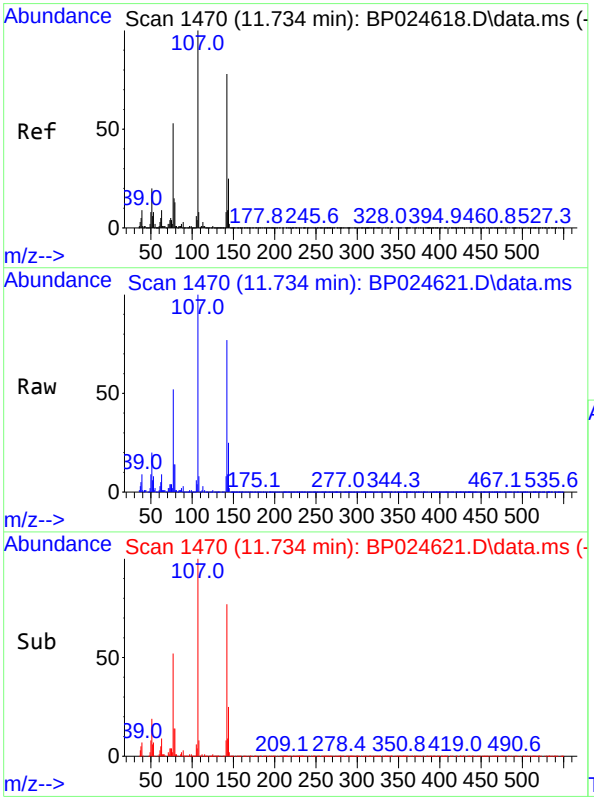
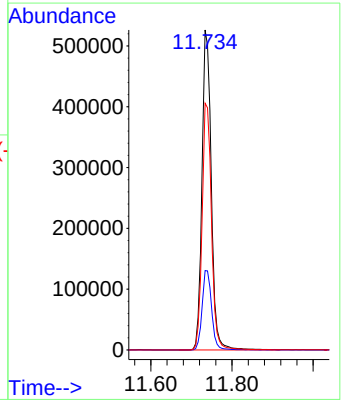


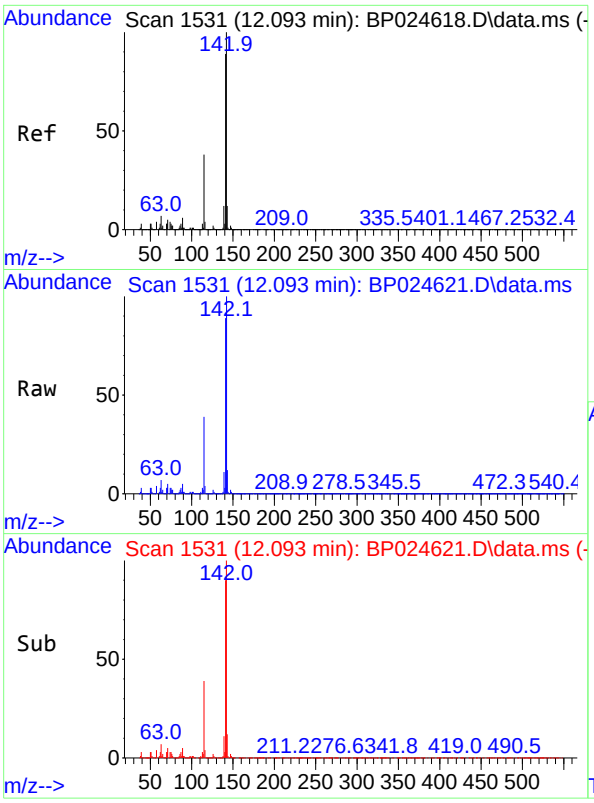


#36
4-Chloro-3-methylphenol
Concen: 80.74 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:107 Resp: 838983

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.1	30.1
142	77.1	62.1	93.1





#37
2-Methylnaphthalene
Concen: 78.01 ng
RT: 12.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:142 Resp: 152944

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	38.5	30.6	46.0

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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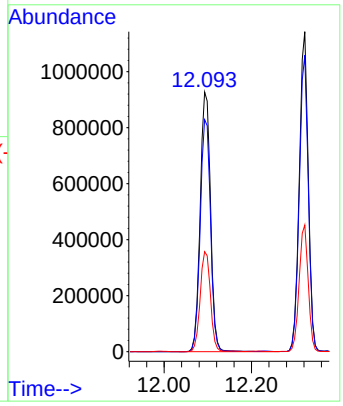
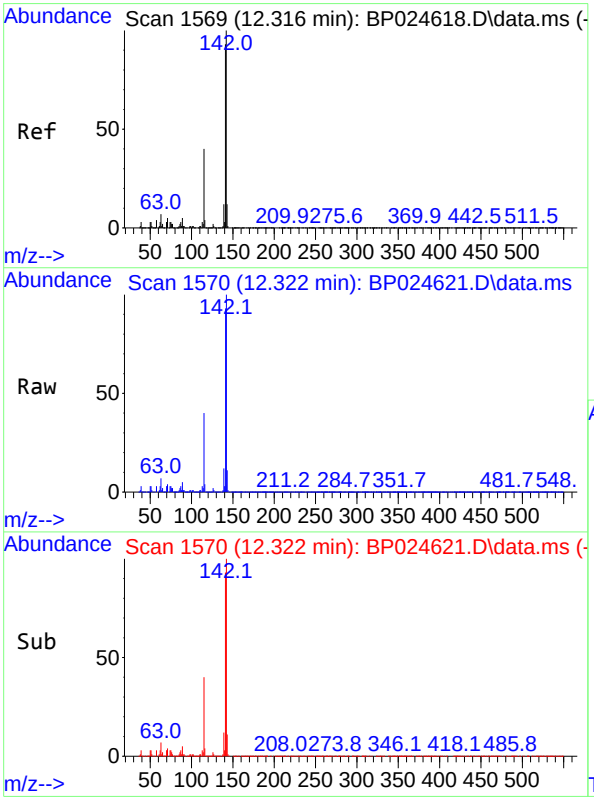
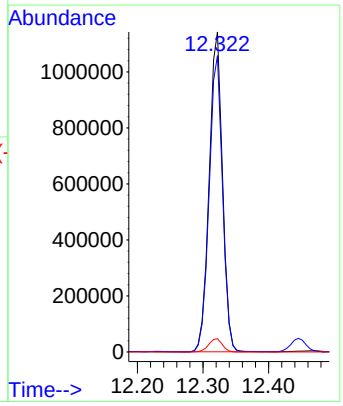


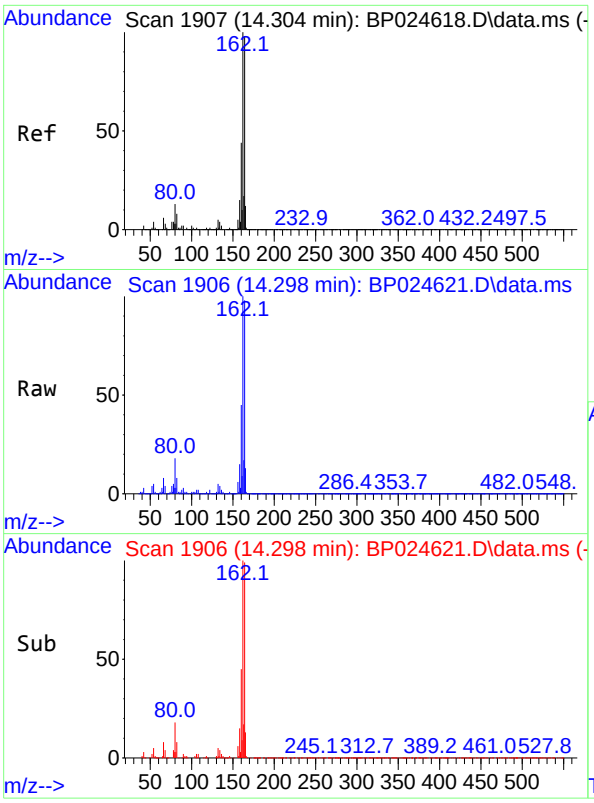


#38
1-Methylnaphthalene
Concen: 76.92 ng
RT: 12.322 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:142 Resp: 1613775

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.7	112.1
116	4.1	3.4	5.2

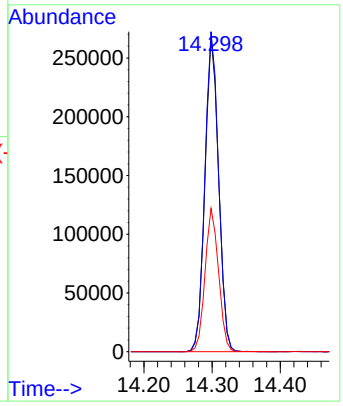




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:164 Resp: 37357

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.6
160	45.5	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
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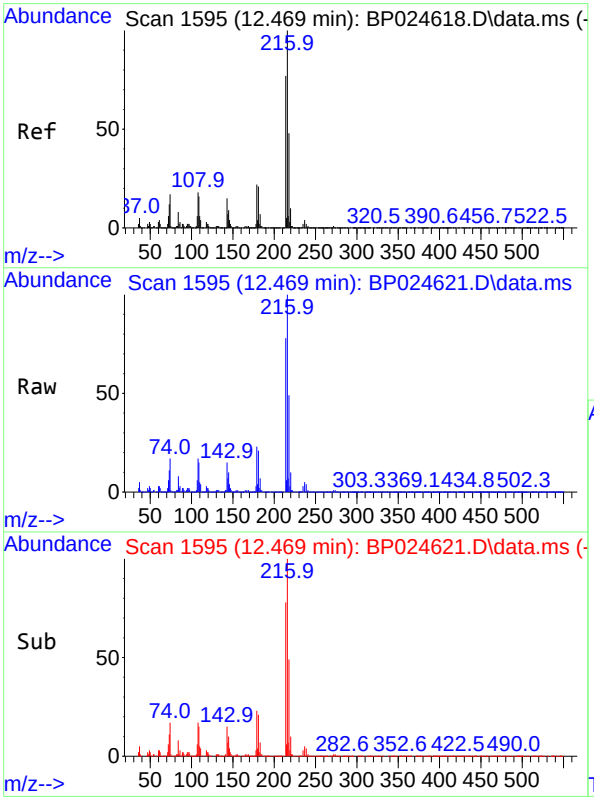
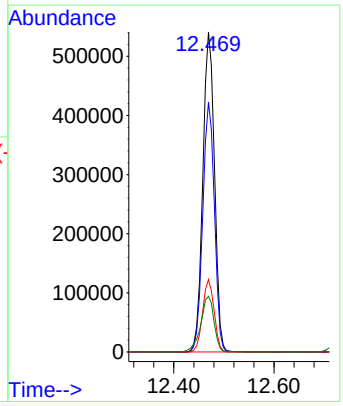
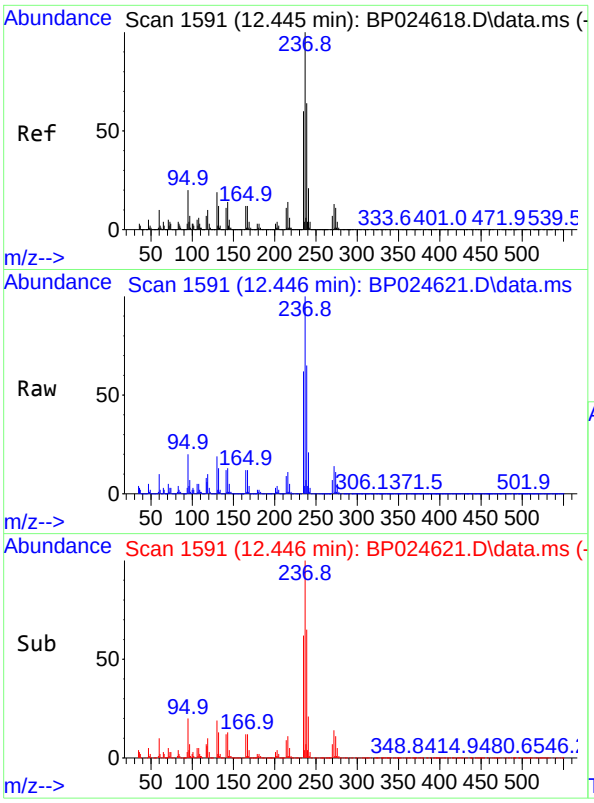


#40
1,2,4,5-Tetrachlorobenzene
Concen: 80.73 ng
RT: 12.469 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:216 Resp: 875750

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.4	17.7	26.5
108	19.6	16.0	24.0

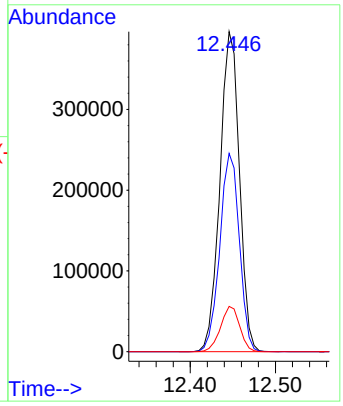




#41
Hexachlorocyclopentadiene
Concen: 95.54 ng
RT: 12.446 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:237 Resp: 62843

Ion	Ratio	Lower	Upper
237	100		
235	61.9	39.9	79.9
272	14.1	0.0	33.2



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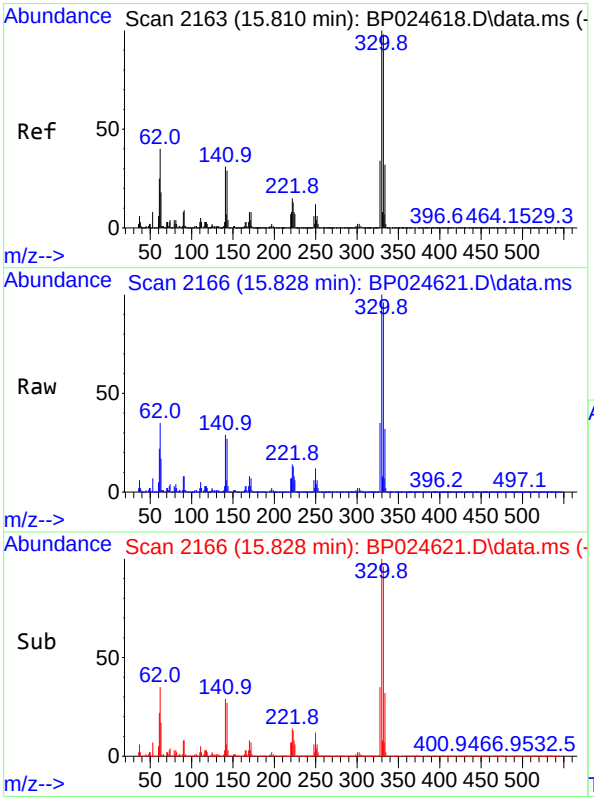
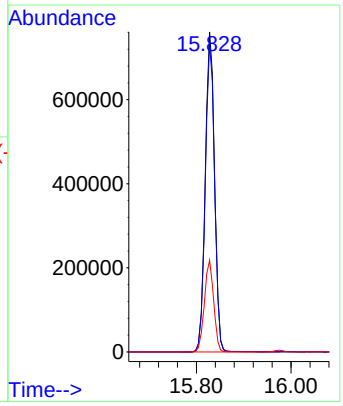
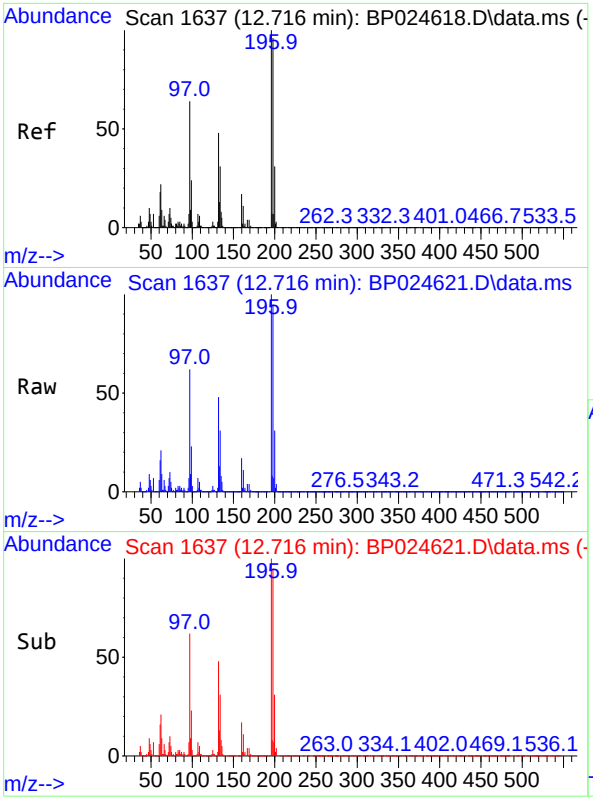


#42
2,4,6-Tribromophenol
Concen: 163.05 ng
RT: 15.828 min Scan# 2166
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:330 Resp: 1032638

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.2	117.4
141	28.8	24.3	36.5

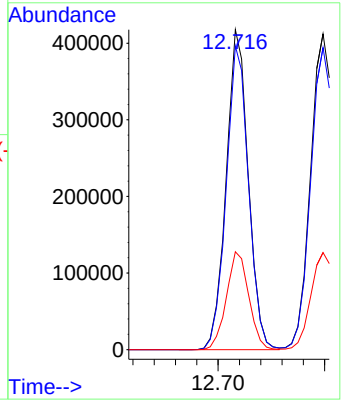




#43
2,4,6-Trichlorophenol
Concen: 85.58 ng
RT: 12.716 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 60133

Ion	Ratio	Lower	Upper
196	100		
198	94.9	76.9	115.3
200	30.6	25.2	37.8



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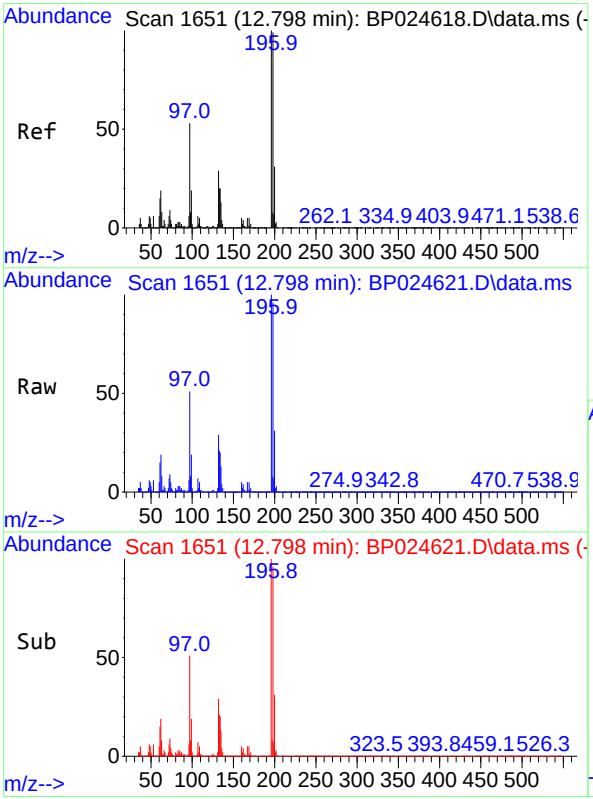
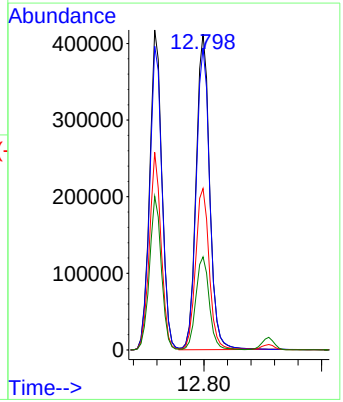
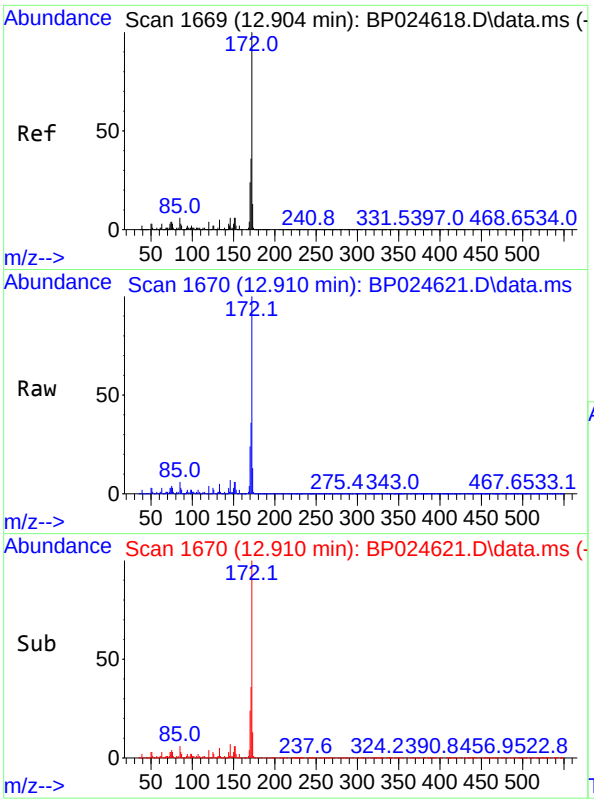


#44
2,4,5-Trichlorophenol
Concen: 84.05 ng
RT: 12.798 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:196 Resp: 657399

Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.2	118.8
97	51.1	42.3	63.5
132	29.5	23.3	34.9

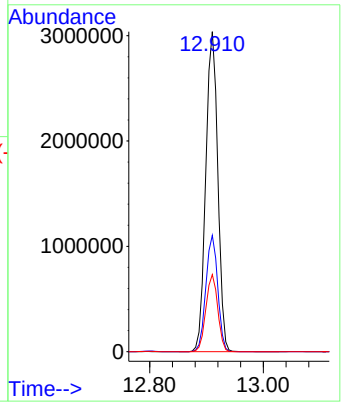




#45
2-Fluorobiphenyl
Concen: 155.65 ng
RT: 12.910 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:172 Resp: 443817

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	24.1	18.8	28.2



Instrument :
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ClientSampleId :
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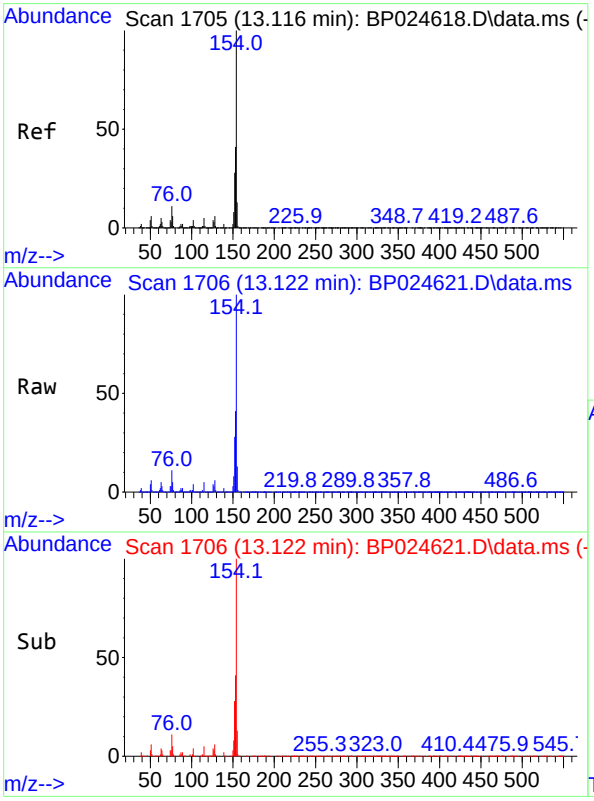
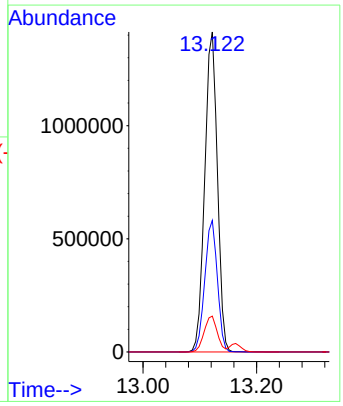
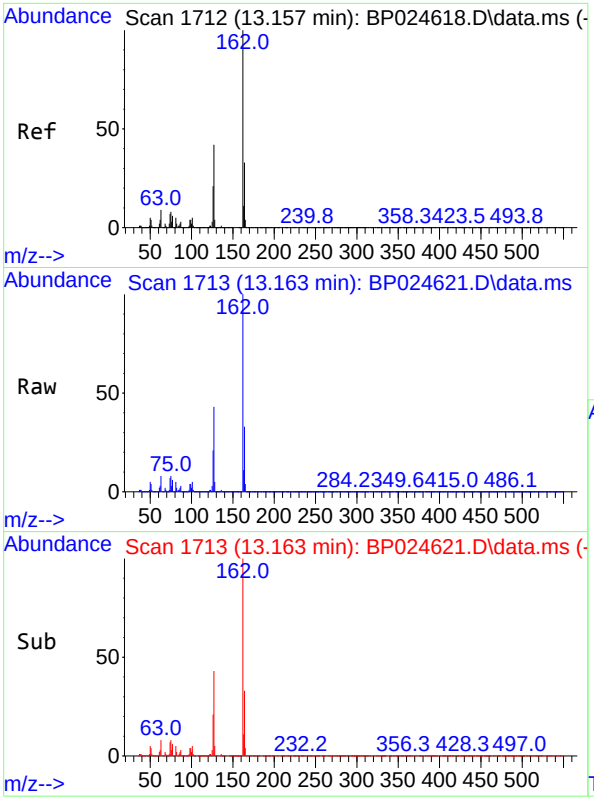


#46
1,1'-Biphenyl
Concen: 78.79 ng
RT: 13.122 min Scan# 1706
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 2175624

Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.0	61.0
76	11.2	0.0	31.5

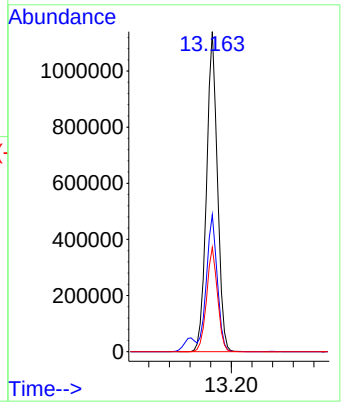




#47
2-Chloronaphthalene
Concen: 78.99 ng
RT: 13.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:162 Resp: 166297

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.8	50.6
164	32.6	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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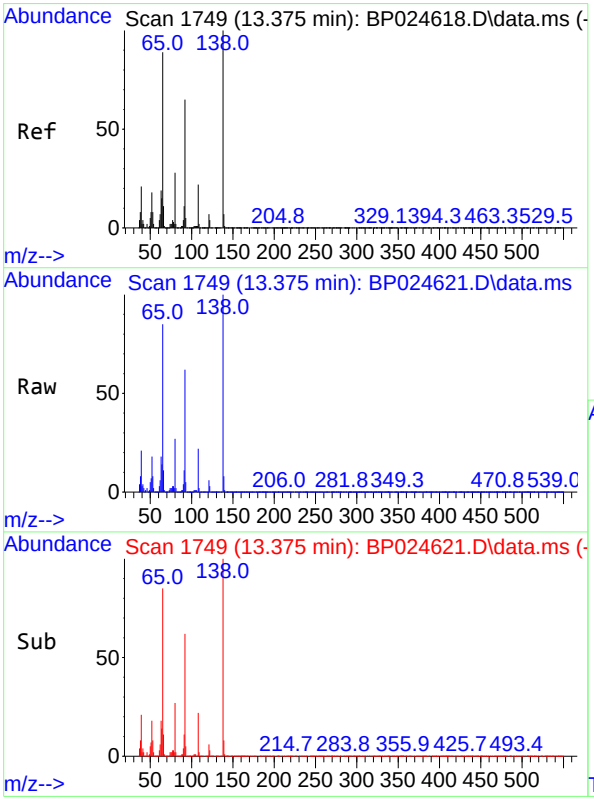
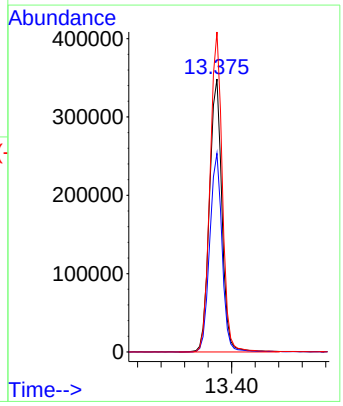
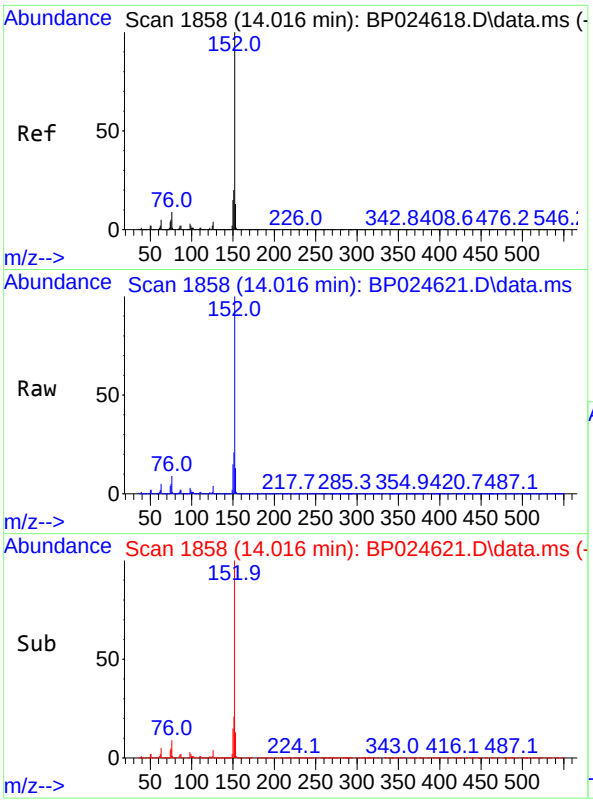


#48
2-Nitroaniline
Concen: 82.22 ng
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 65 Resp: 512458

Ion	Ratio	Lower	Upper
65	100		
92	72.7	58.7	88.1
138	117.2	90.2	135.2

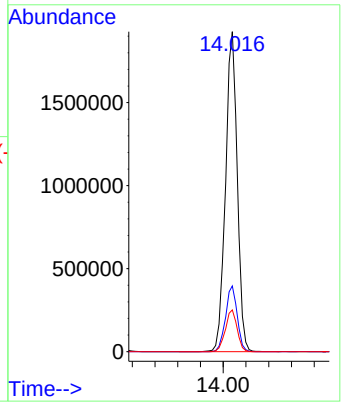




#49
Acenaphthylene
Concen: 78.73 ng
RT: 14.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:152 Resp: 277374

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.1	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
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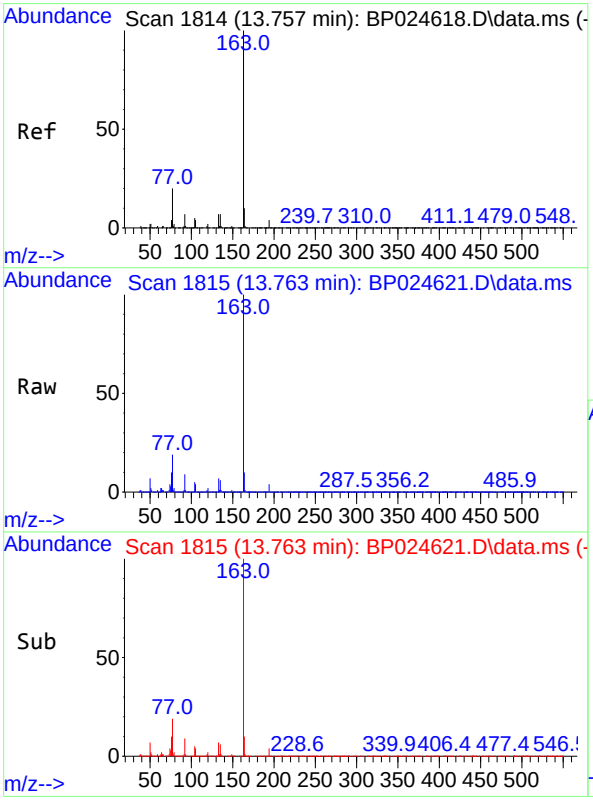
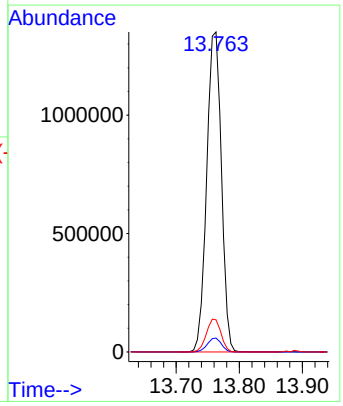
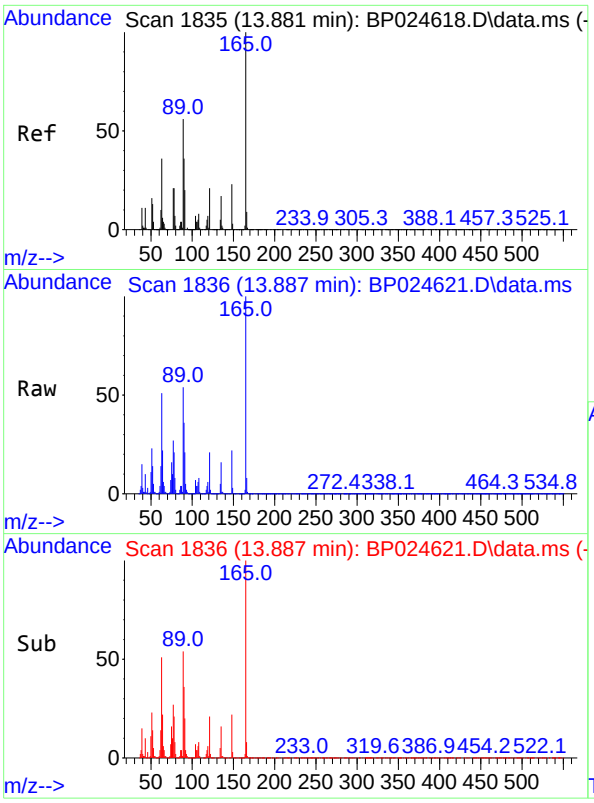


#50
Dimethylphthalate
Concen: 76.64 ng
RT: 13.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:163 Resp: 2182359

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.1	12.1

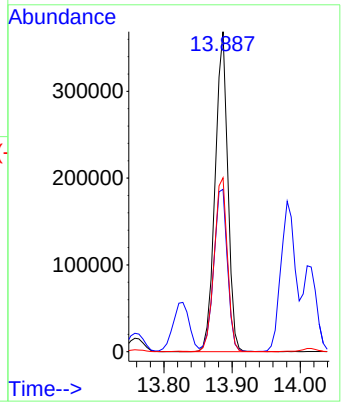




#51
2,6-Dinitrotoluene
Concen: 79.26 ng
RT: 13.887 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:165 Resp: 47660

Ion	Ratio	Lower	Upper
165	100		
63	50.8	42.4	63.6
89	54.4	44.8	67.2



Instrument :
BNA_P
ClientSampleId :
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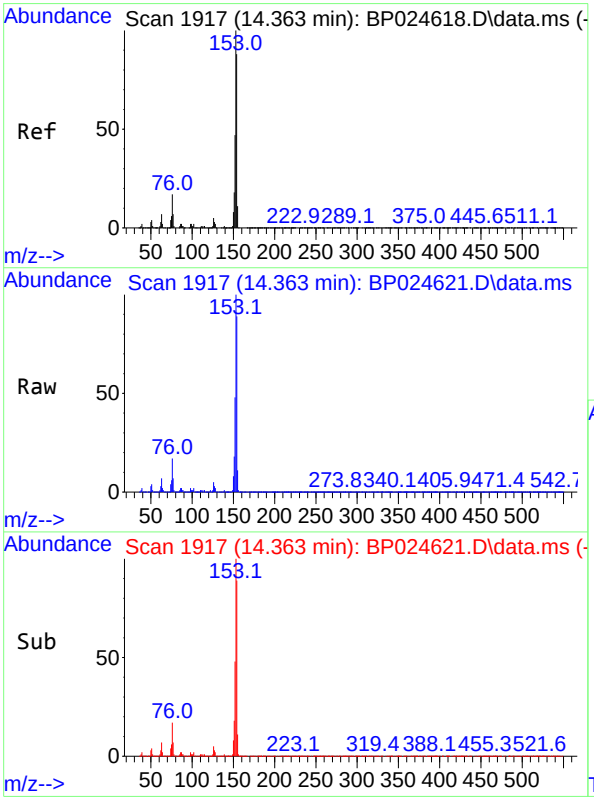
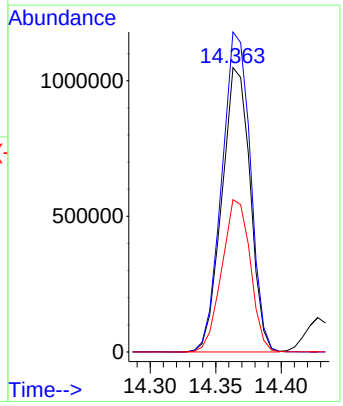
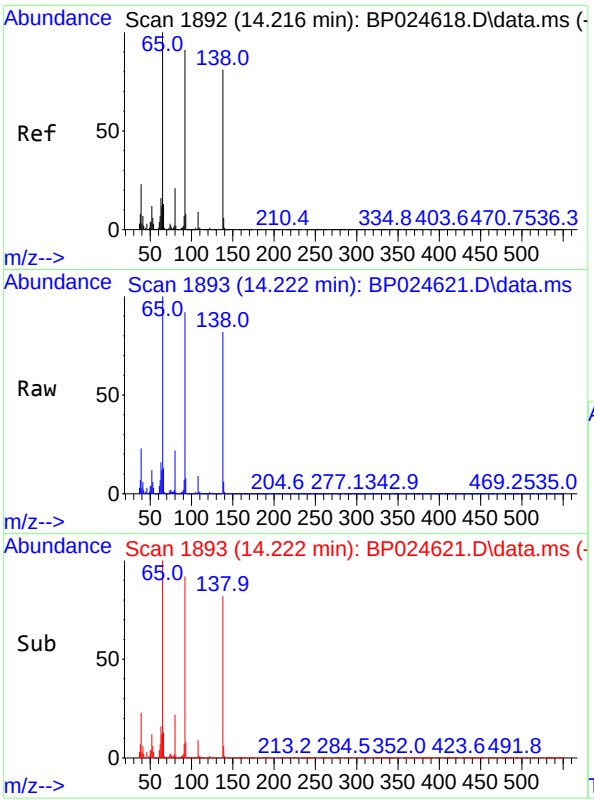


#52
Acenaphthene
Concen: 77.62 ng
RT: 14.363 min Scan# 1917
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:154 Resp: 1572103

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.0	136.4
152	53.6	42.9	64.3

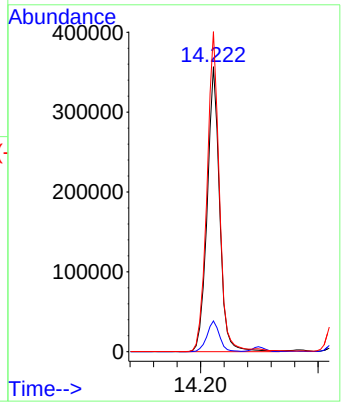




#53
3-Nitroaniline
Concen: 85.15 ng
RT: 14.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:138 Resp: 52284

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	112.3	90.1	135.1



Instrument :
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ClientSampleId :
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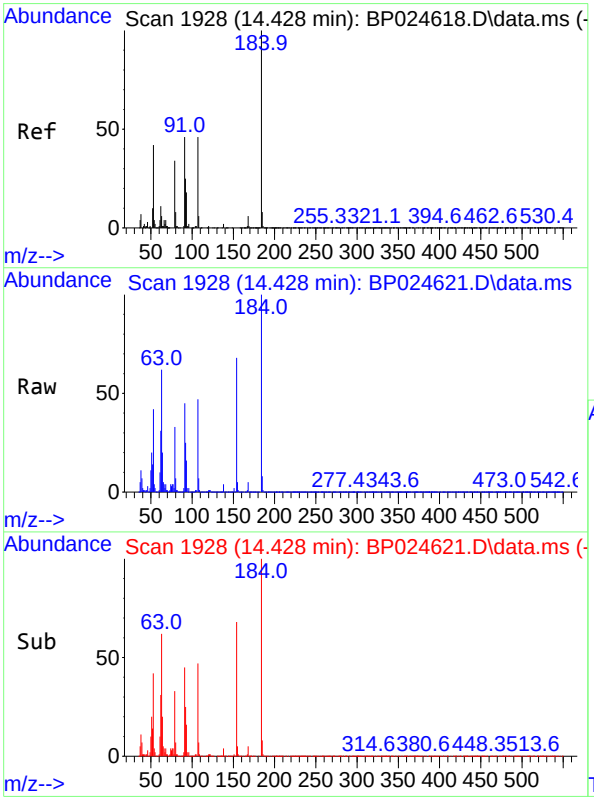
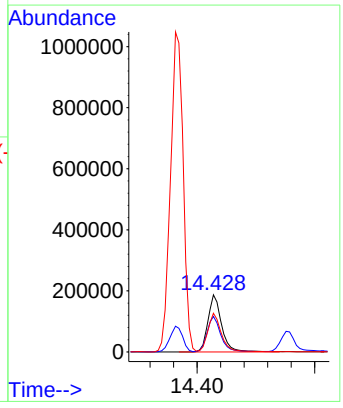
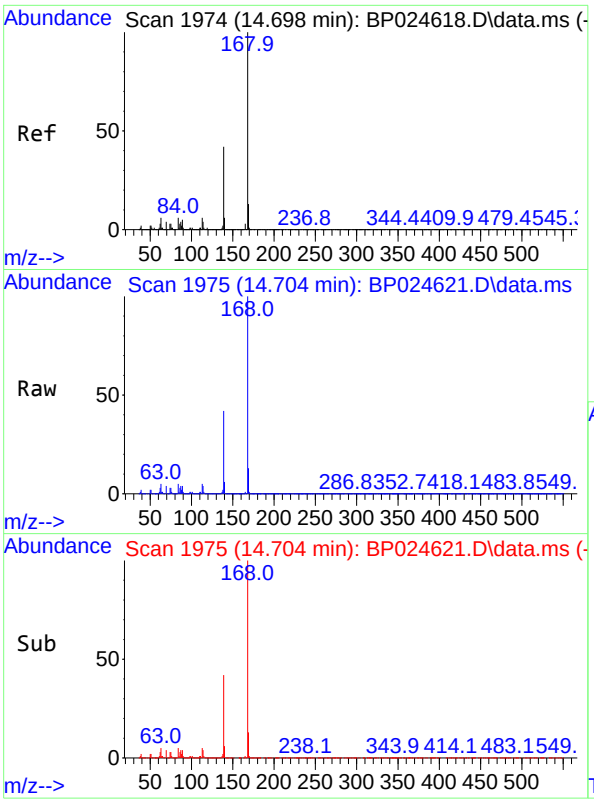


#54
2,4-Dinitrophenol
Concen: 79.29 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:184 Resp: 300458

Ion	Ratio	Lower	Upper
184	100		
63	62.1	51.3	76.9
154	67.9	53.5	80.3

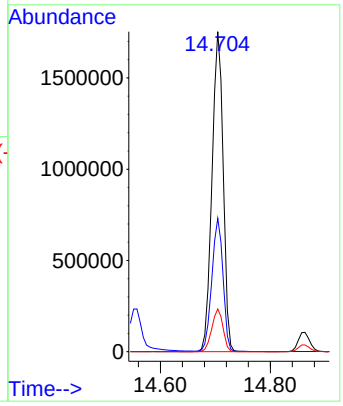




#55
Dibenzofuran
Concen: 76.68 ng
RT: 14.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:168 Resp: 247737

Ion	Ratio	Lower	Upper
168	100		
139	41.7	34.2	51.4
169	13.4	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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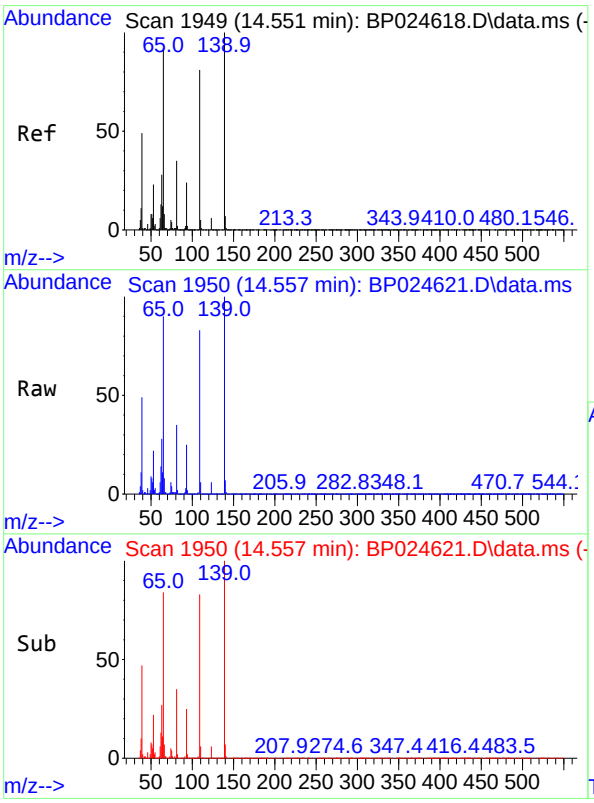
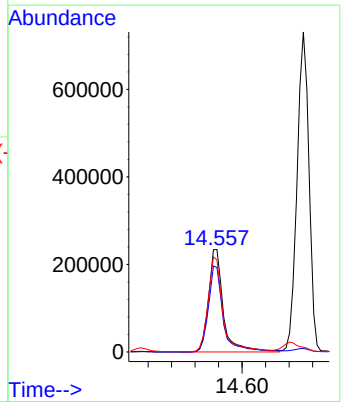
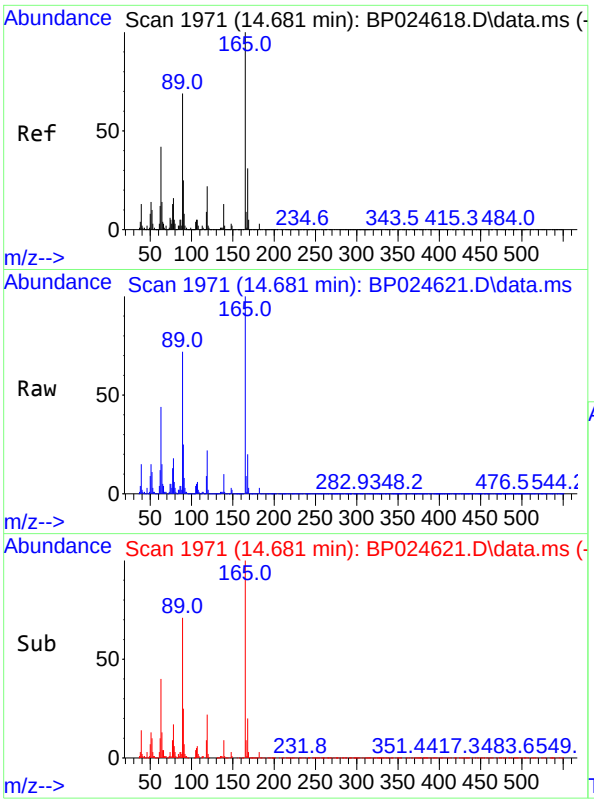


#56
4-Nitrophenol
Concen: 77.27 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:139 Resp: 409954

Ion	Ratio	Lower	Upper
139	100		
109	82.6	61.4	101.4
65	89.8	72.2	112.2

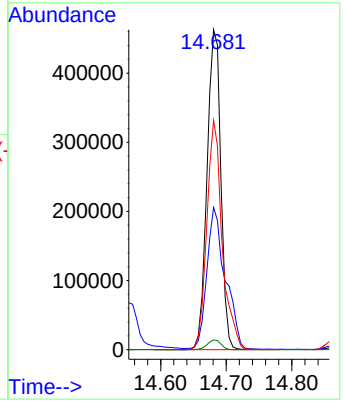




#57
2,4-Dinitrotoluene
Concen: 80.01 ng
RT: 14.681 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:165 Resp: 67828

Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.6
89	71.6	55.6	83.4
182	3.1	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
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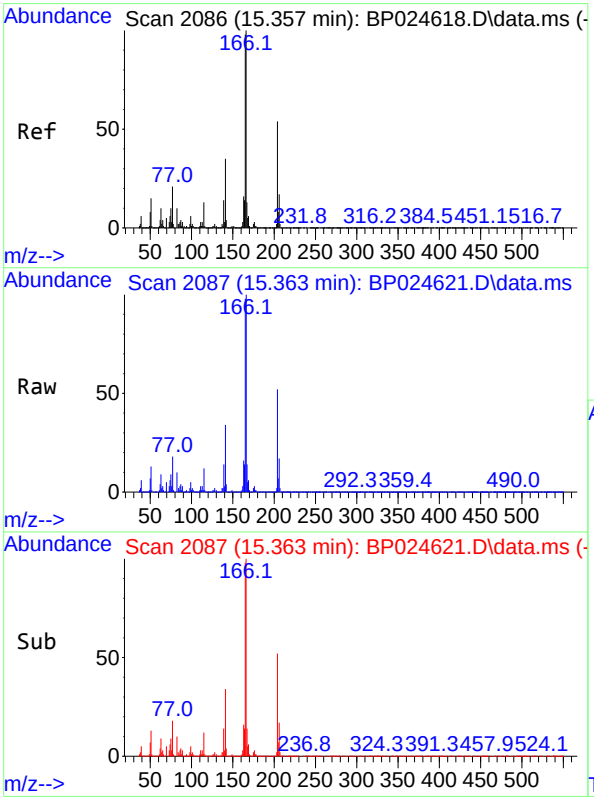
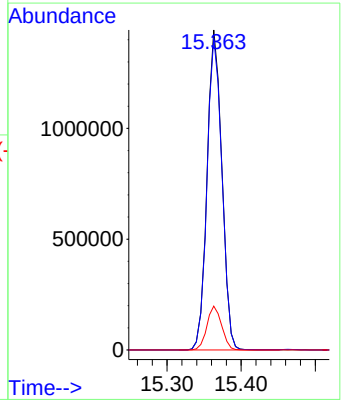
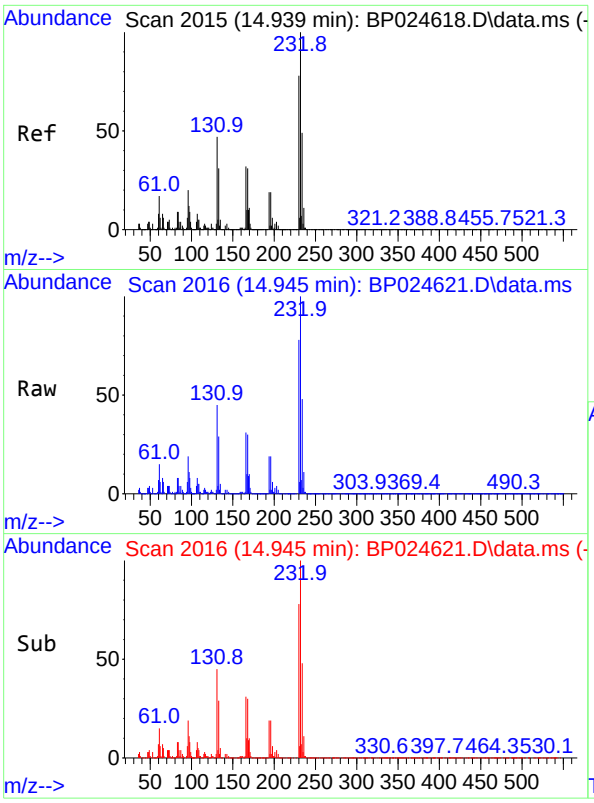


#58
Fluorene
Concen: 76.06 ng
RT: 15.363 min Scan# 2087
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:166 Resp: 2003709

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	13.7	10.7	16.1

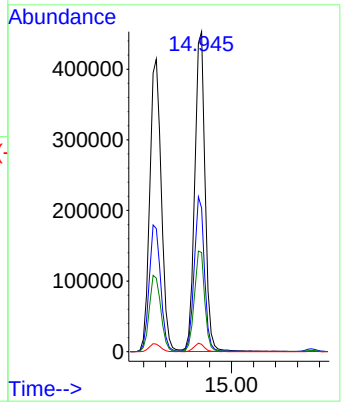




#59
2,3,4,6-Tetrachlorophenol
Concen: 81.17 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:232 Resp: 58894

Ion	Ratio	Lower	Upper
232	100		
131	48.1	39.5	59.3
130	2.6	2.2	3.4
166	31.4	25.7	38.5



Instrument :
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ClientSampleId :
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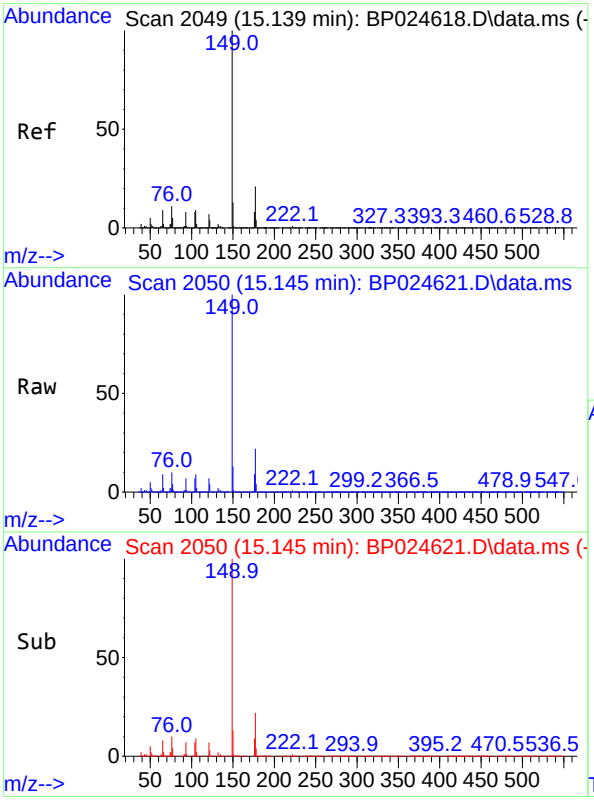
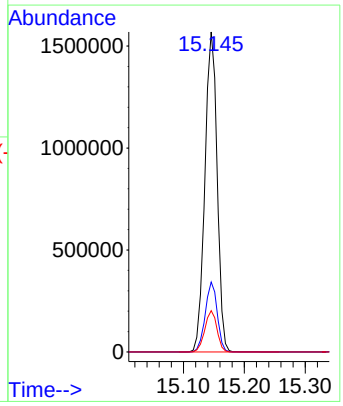
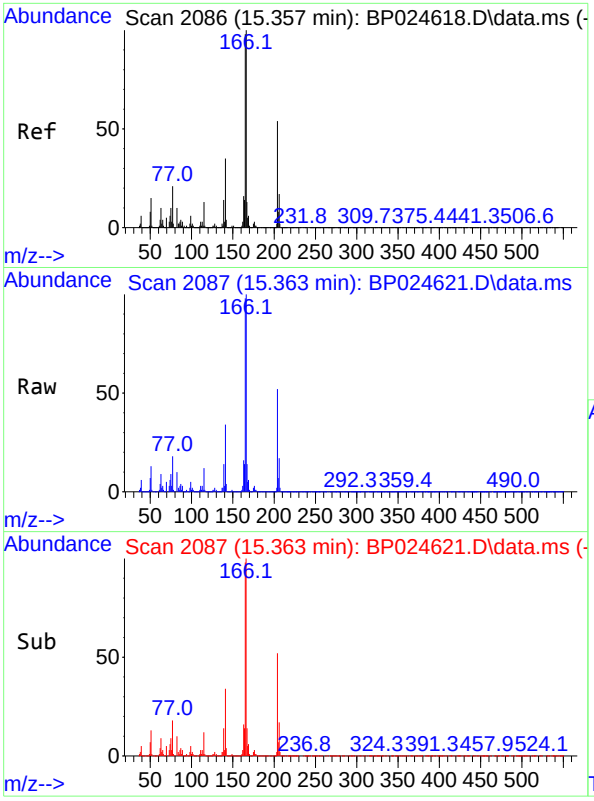


#60
Diethylphthalate
Concen: 76.22 ng
RT: 15.145 min Scan# 2050
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2193488

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.9	10.2	15.2

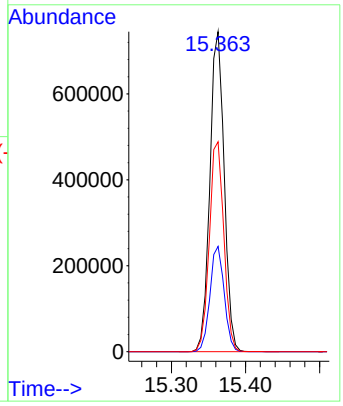




#61
4-Chlorophenyl-phenylether
Concen: 75.96 ng
RT: 15.363 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:204 Resp: 99786

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	65.6	52.9	79.3



Instrument :
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ClientSampleId :
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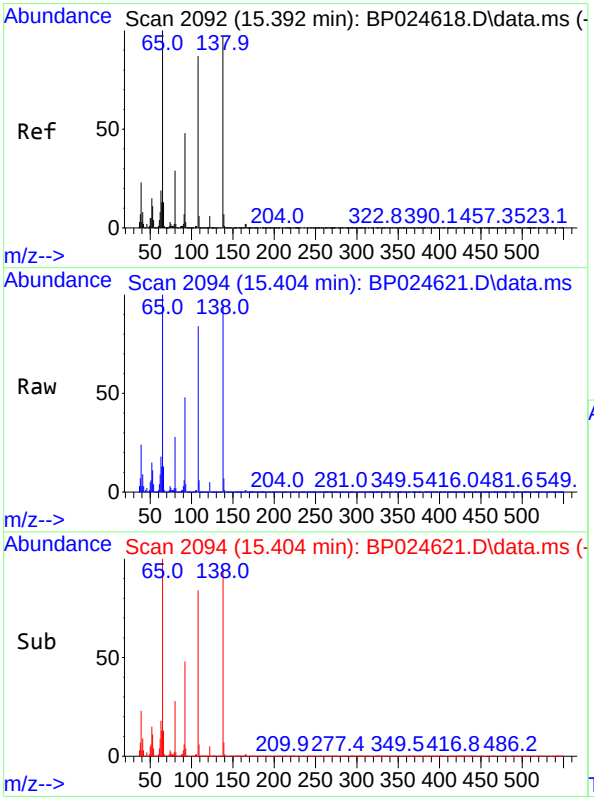
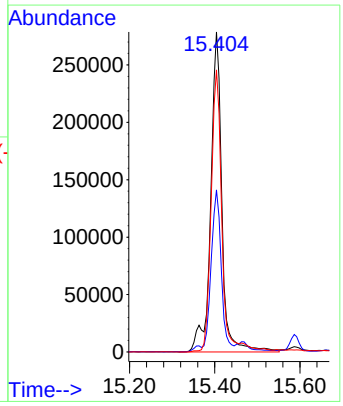
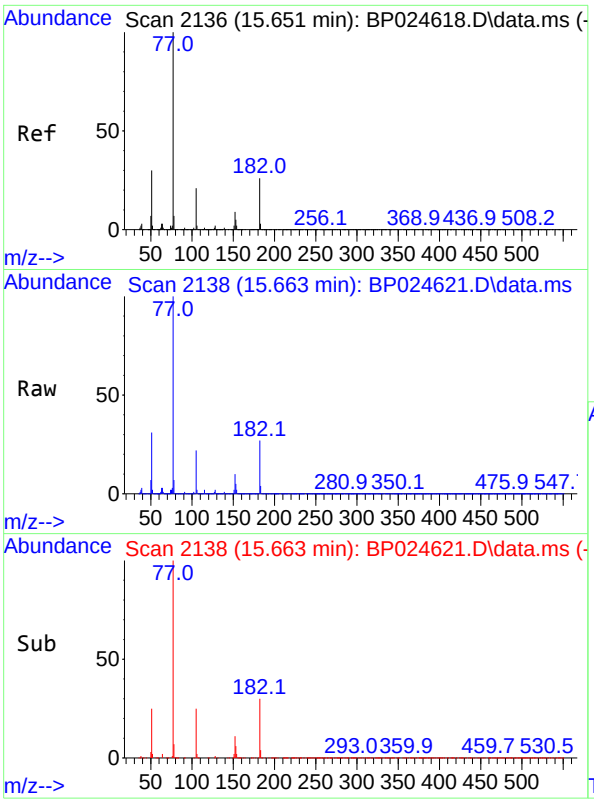


#62
4-Nitroaniline
Concen: 85.24 ng
RT: 15.404 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:138 Resp: 509582

Ion	Ratio	Lower	Upper
138	100		
92	50.6	29.2	69.2
108	88.2	69.0	109.0

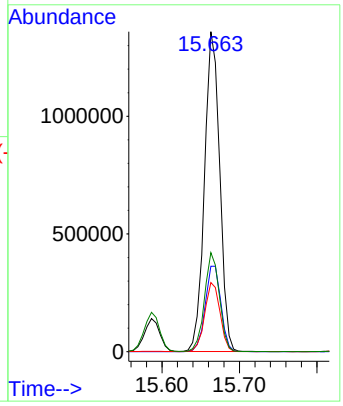




#63
Azobenzene
Concen: 75.47 ng
RT: 15.663 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion: 77 Resp: 185814

Ion	Ratio	Lower	Upper
77	100		
182	26.7	5.7	45.7
105	21.6	1.3	41.3
51	30.9	10.6	50.6



Instrument :
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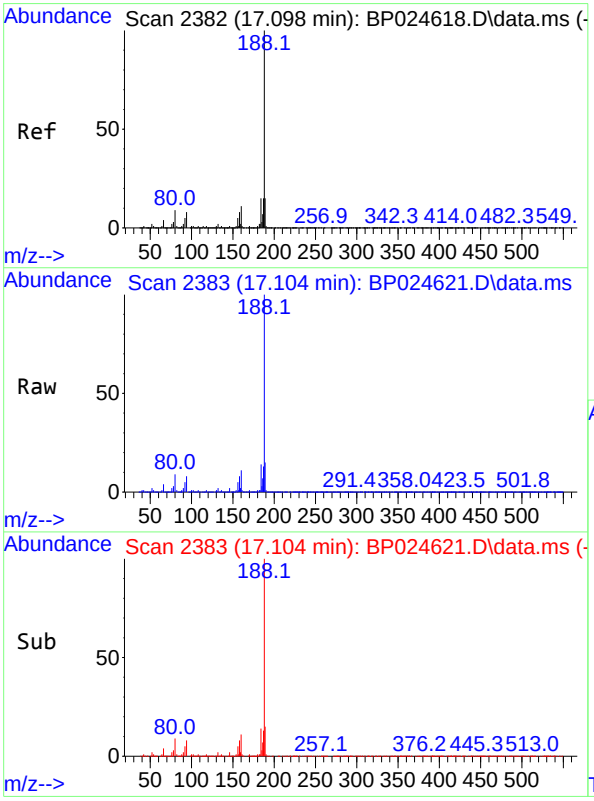
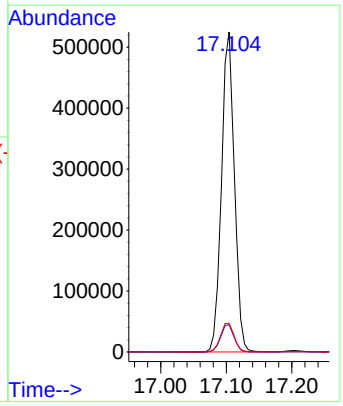
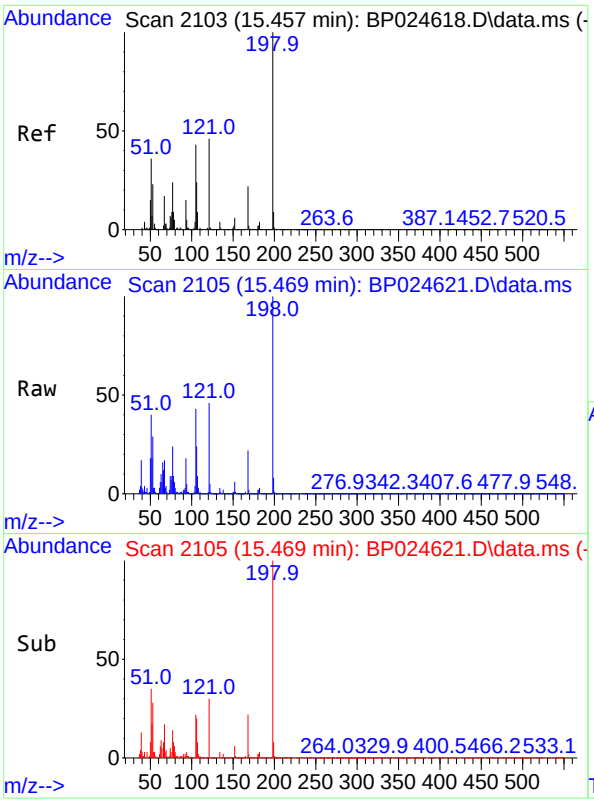


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:188 Resp: 713479

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.5	9.7
80	9.0	7.3	10.9

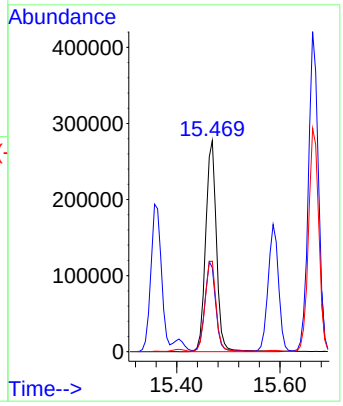




#65
4,6-Dinitro-2-methylphenol
Concen: 87.01 ng
RT: 15.469 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:198 Resp: 40101

Ion	Ratio	Lower	Upper
198	100		
51	39.8	21.1	61.1
105	42.9	23.6	63.6



Instrument :
BNA_P
ClientSampleId :
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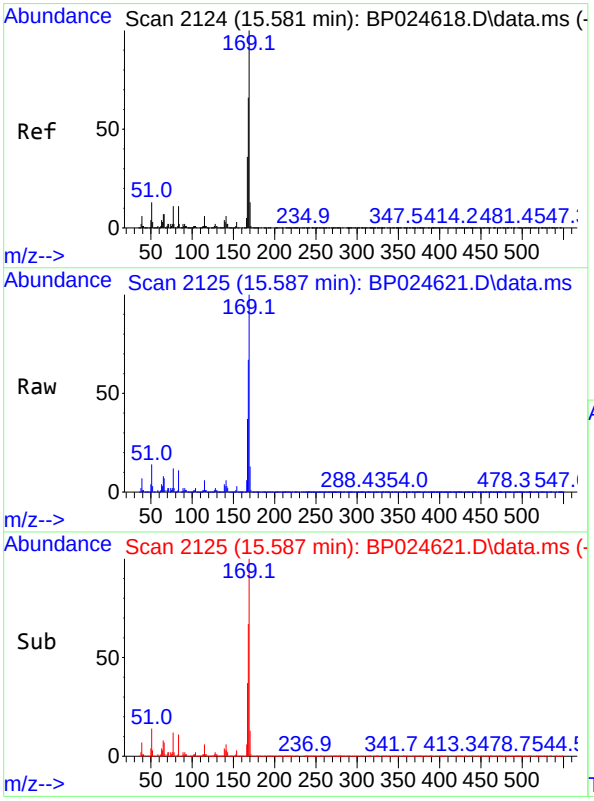
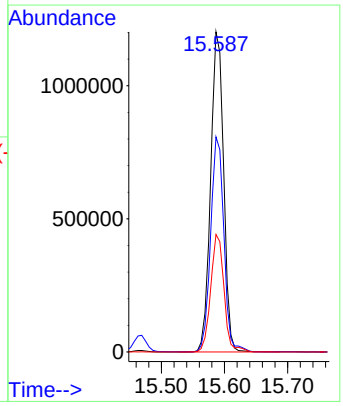
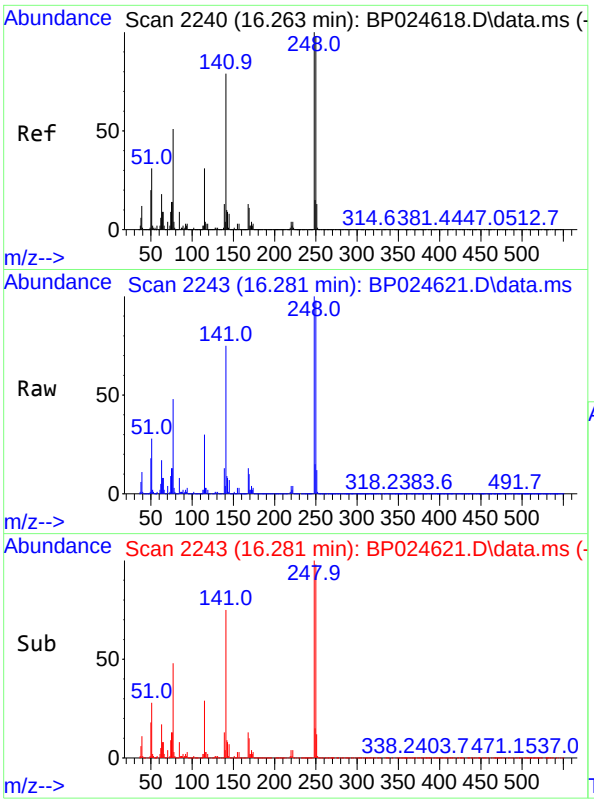


#66
n-Nitrosodiphenylamine
Concen: 78.10 ng
RT: 15.587 min Scan# 2125
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:169 Resp: 1711679

Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.2	79.8
167	36.7	28.6	43.0

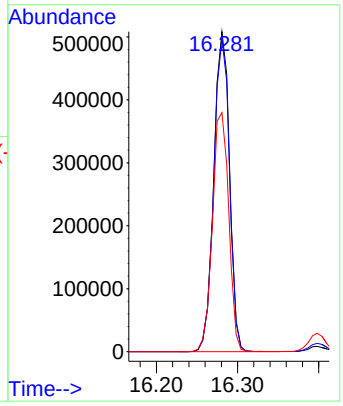




#67
4-Bromophenyl-phenylether
Concen: 81.43 ng
RT: 16.281 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:248 Resp: 68461

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	74.7	63.0	94.6



Instrument :
BNA_P
ClientSampleId :
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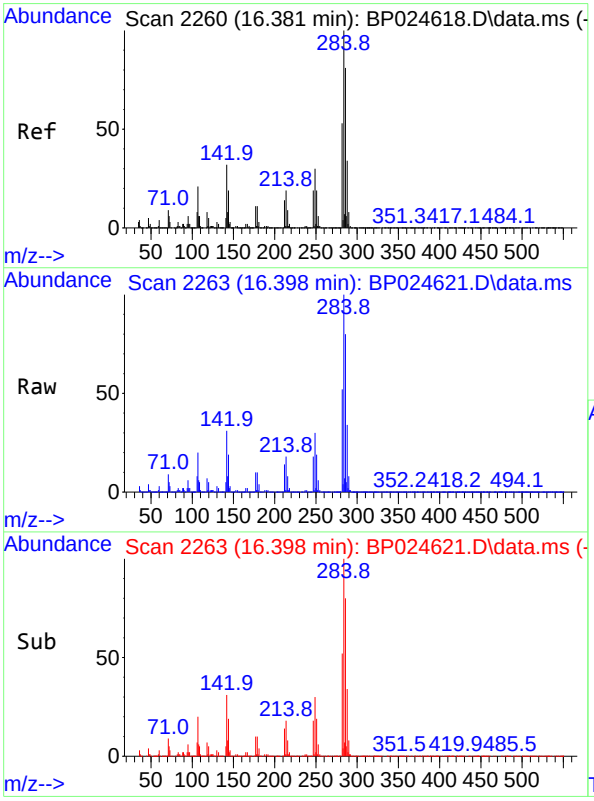
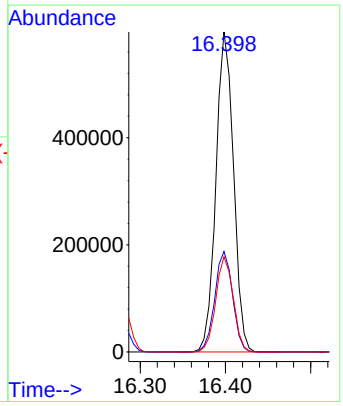
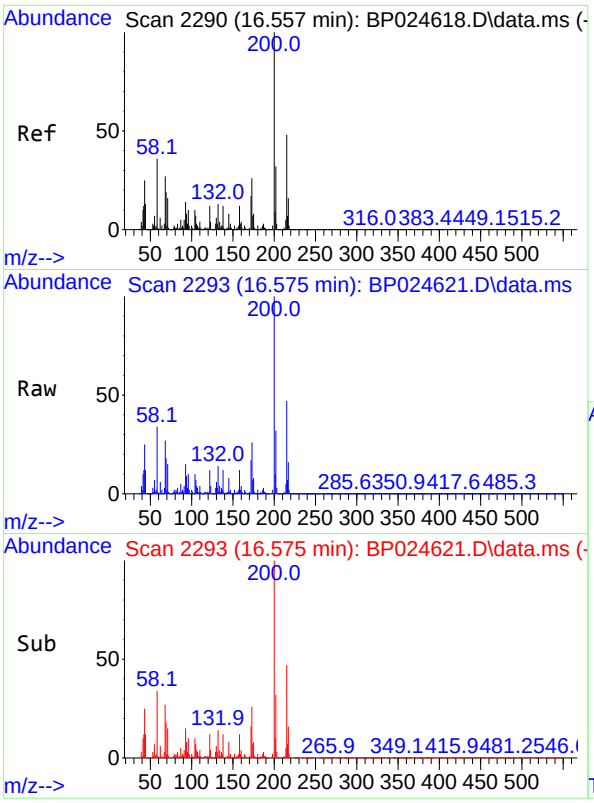


#68
Hexachlorobenzene
Concen: 80.18 ng
RT: 16.398 min Scan# 2263
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:284 Resp: 856547

Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.9	38.9
249	29.7	24.1	36.1

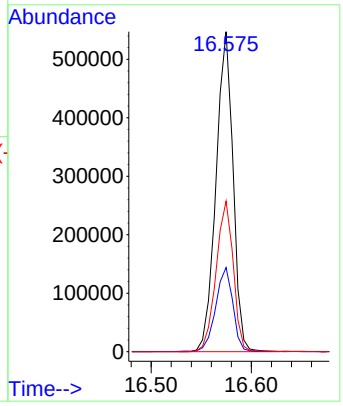




#69
Atrazine
Concen: 80.42 ng
RT: 16.575 min Scan# 2
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:200 Resp: 64587

Ion	Ratio	Lower	Upper
200	100		
173	26.3	5.9	45.9
215	47.1	28.3	68.3



Instrument :
BNA_P
ClientSampleId :
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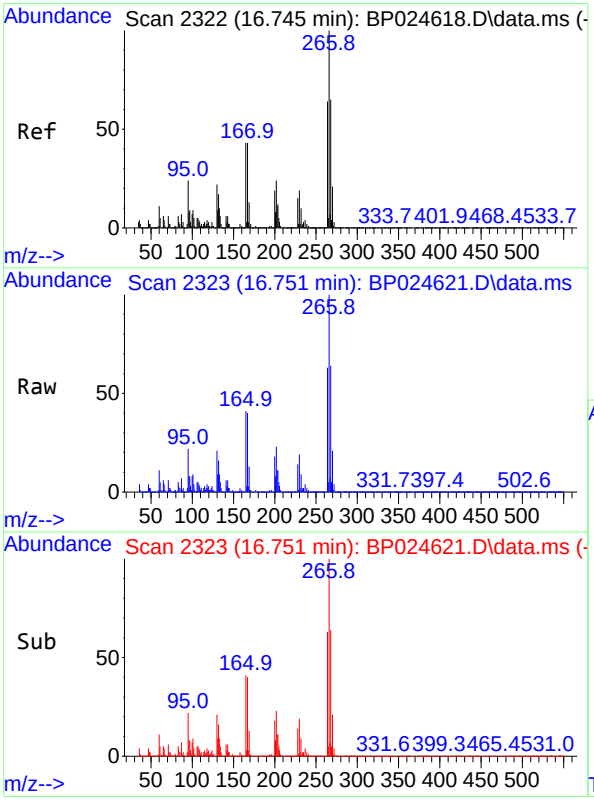
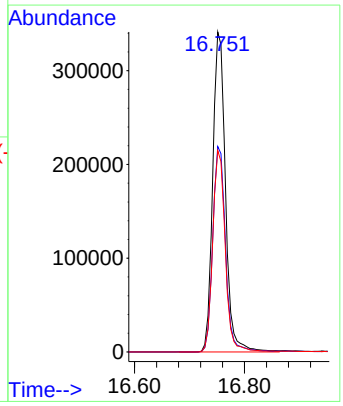
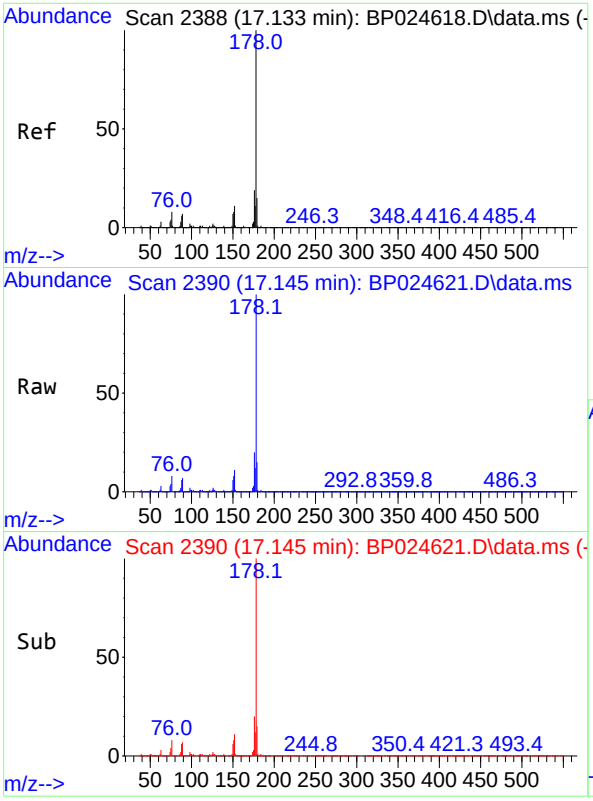


#70
Pentachlorophenol
Concen: 91.41 ng
RT: 16.751 min Scan# 2323
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:266 Resp: 548492

Ion	Ratio	Lower	Upper
266	100		
268	64.2	52.2	78.4
264	62.9	51.1	76.7

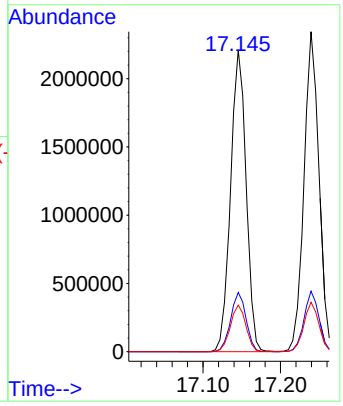




#71
Phenanthrene
Concen: 77.95 ng
RT: 17.145 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:178 Resp: 309166

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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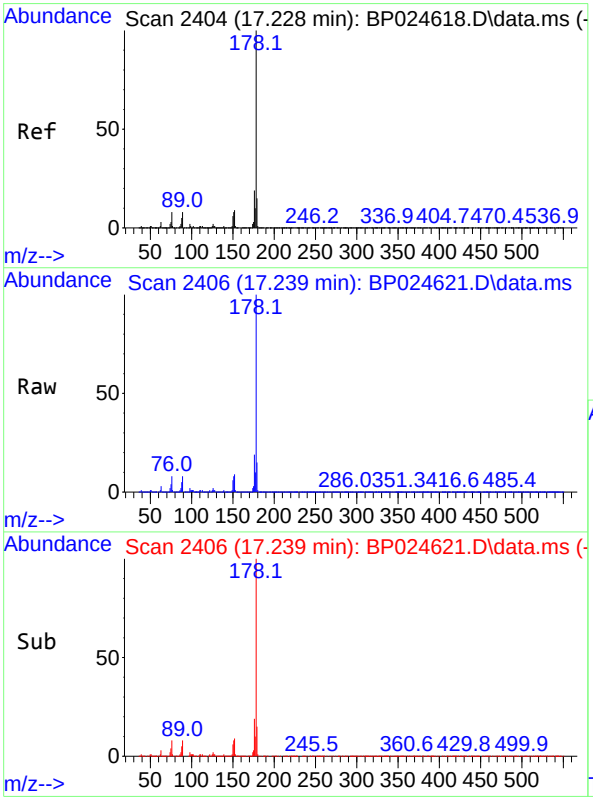
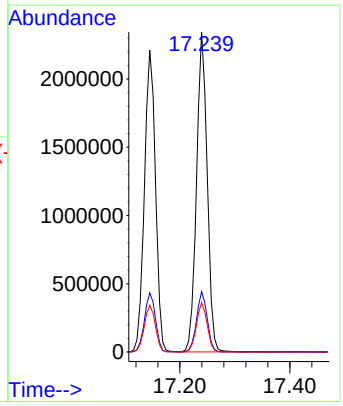
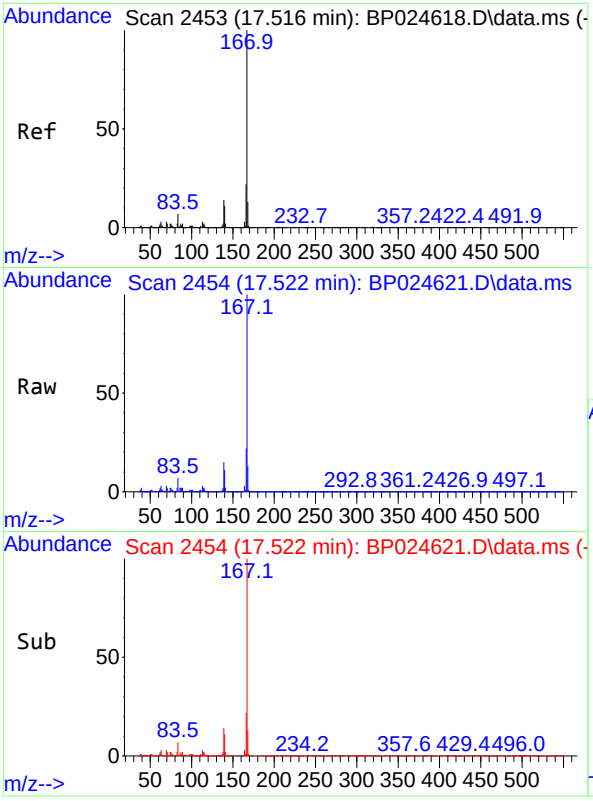


#72
Anthracene
Concen: 79.23 ng
RT: 17.239 min Scan# 2406
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:178 Resp: 3161669

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.2

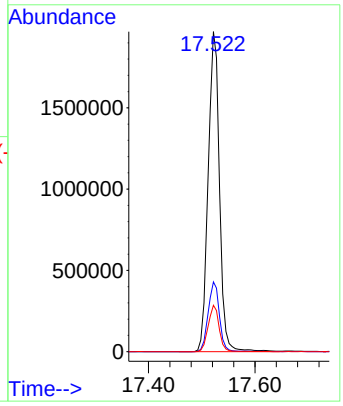




#73
Carbazole
Concen: 80.08 ng
RT: 17.522 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:167 Resp: 289223

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.5	11.3	16.9



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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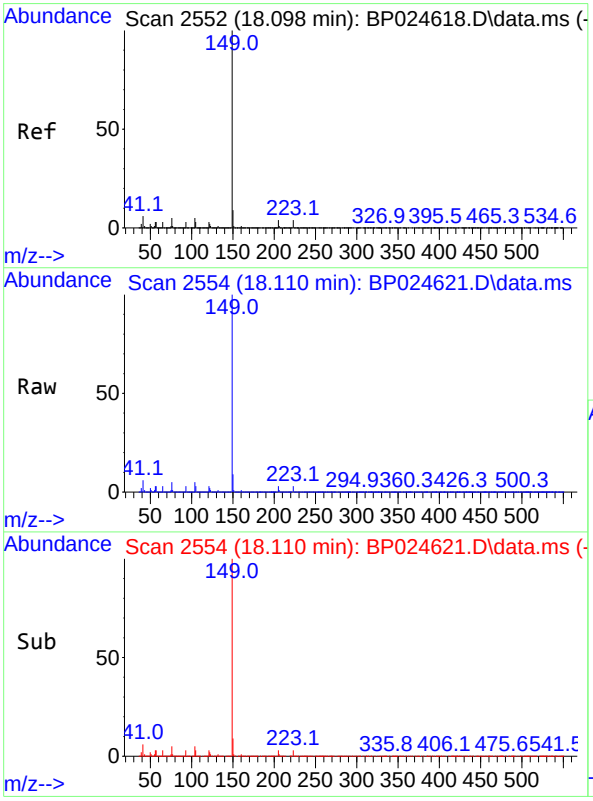
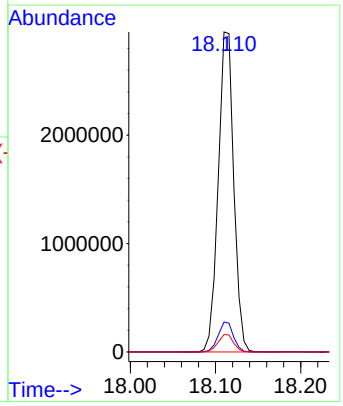
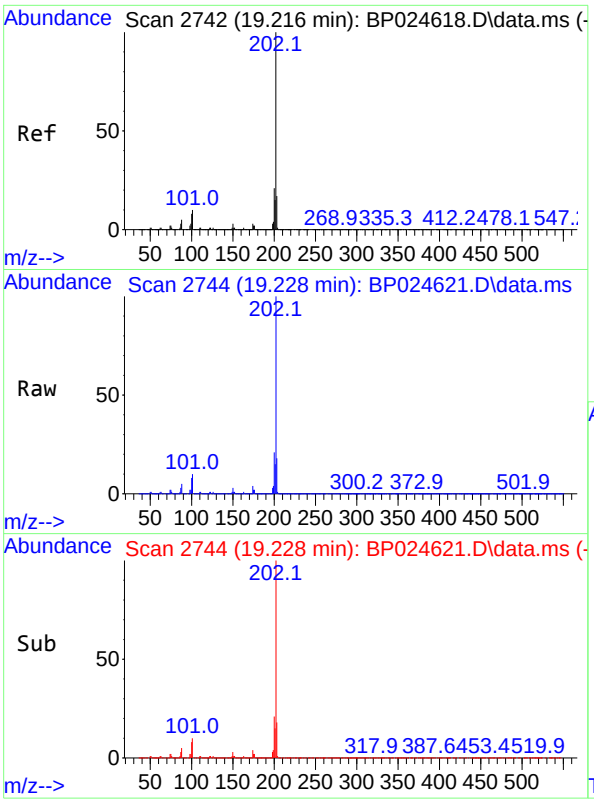


#74
Di-n-butylphthalate
Concen: 80.68 ng
RT: 18.110 min Scan# 2554
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 3747927

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.5	4.3	6.5





#75
Fluoranthene
Concen: 78.27 ng
RT: 19.228 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:202 Resp: 362908

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
203	17.8	0.0	37.5

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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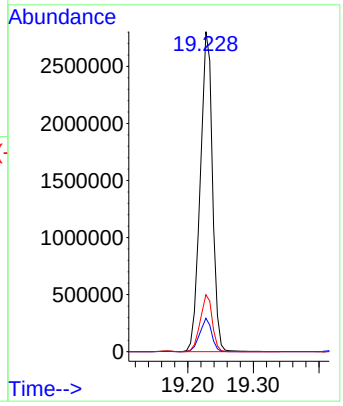
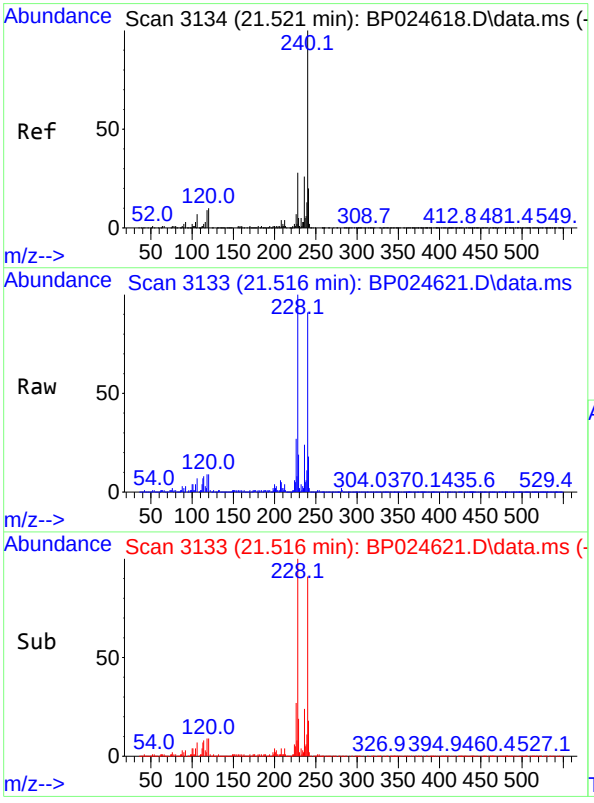
Supervised By :Jagrut Upadhyay 05/14/2025

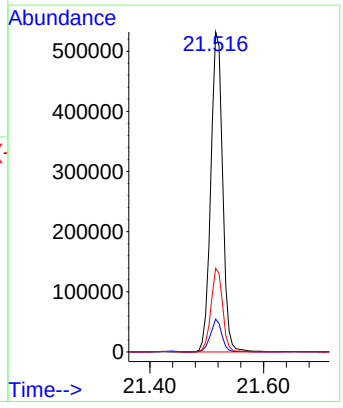


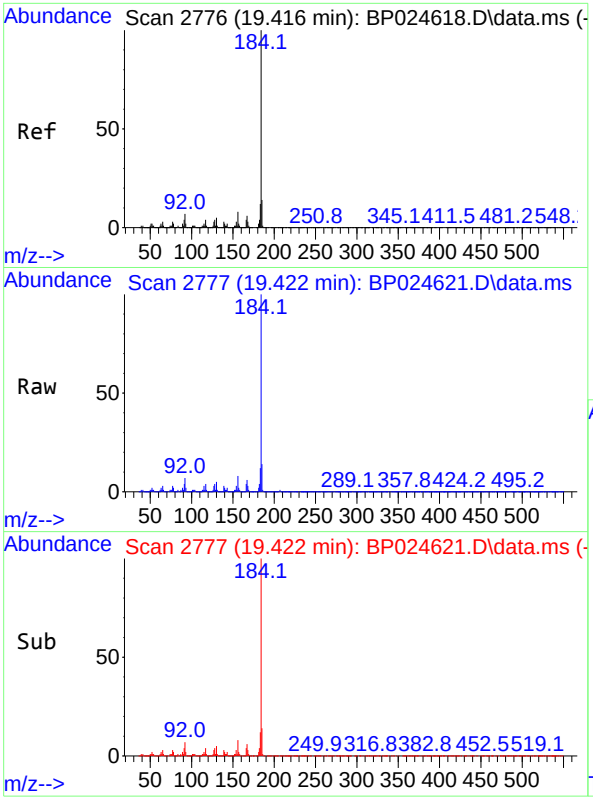


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:240 Resp: 765954

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.8	11.6
236	26.2	20.6	31.0

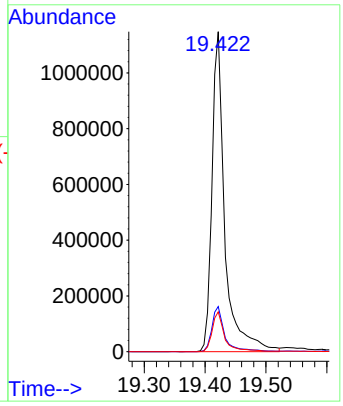




#77
Benzidine
Concen: 79.83 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:184 Resp: 167850

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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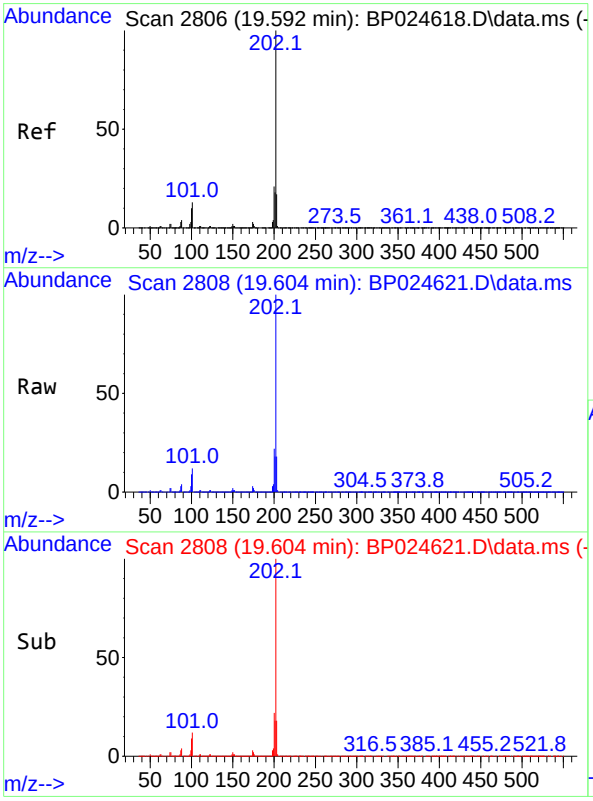
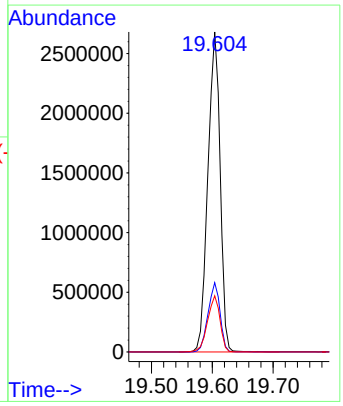
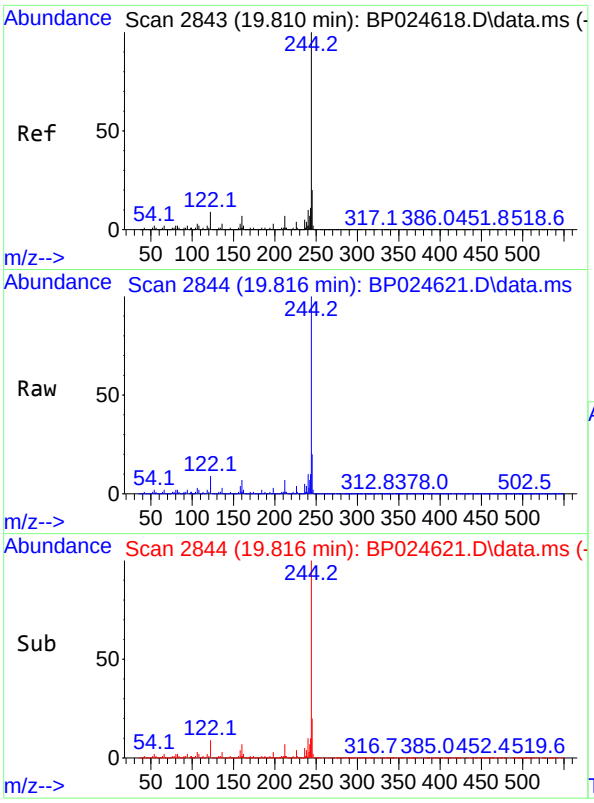


#78
Pyrene
Concen: 81.65 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:202 Resp: 3747276

Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9

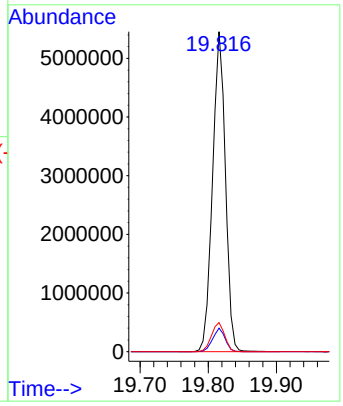




#79
Terphenyl-d14
Concen: 160.11 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:244 Resp: 715225

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.5	8.3
122	9.1	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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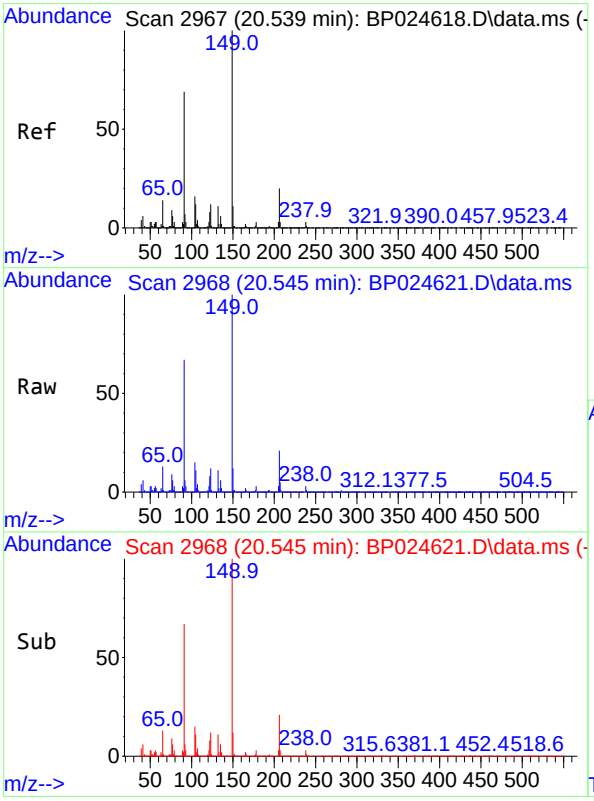
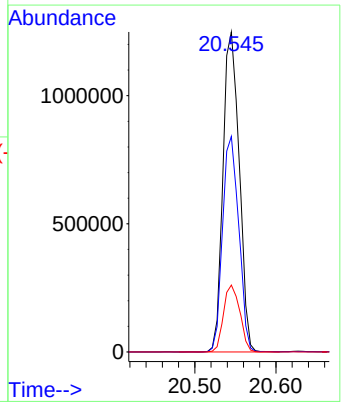
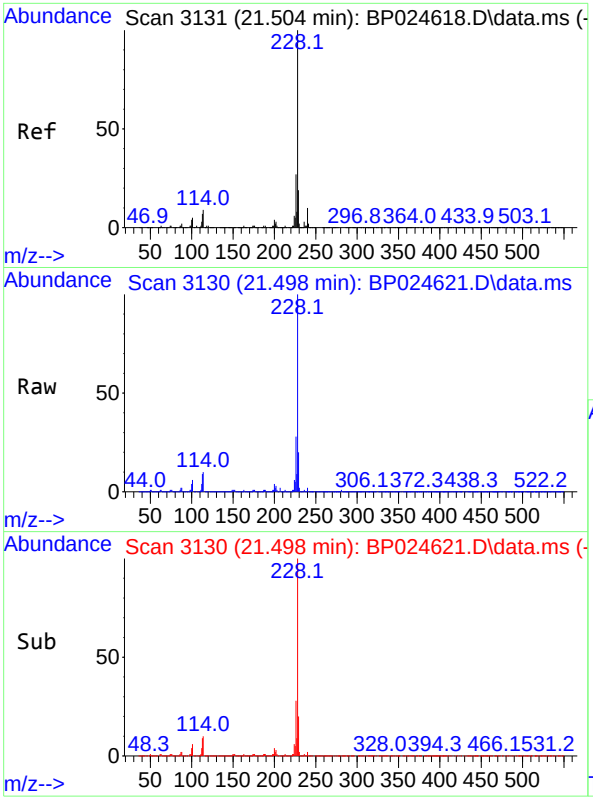


#80
Butylbenzylphthalate
Concen: 85.34 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 1741954

Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.4	83.0
206	20.9	16.2	24.2

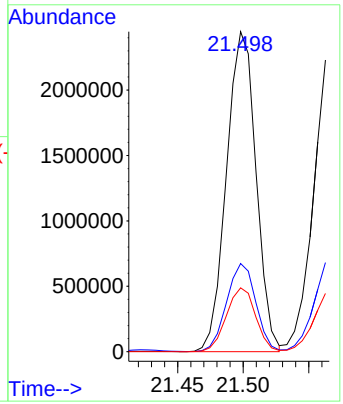




#81
Benzo(a)anthracene
Concen: 79.63 ng
RT: 21.498 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:228 Resp: 382978

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.0
229	19.9	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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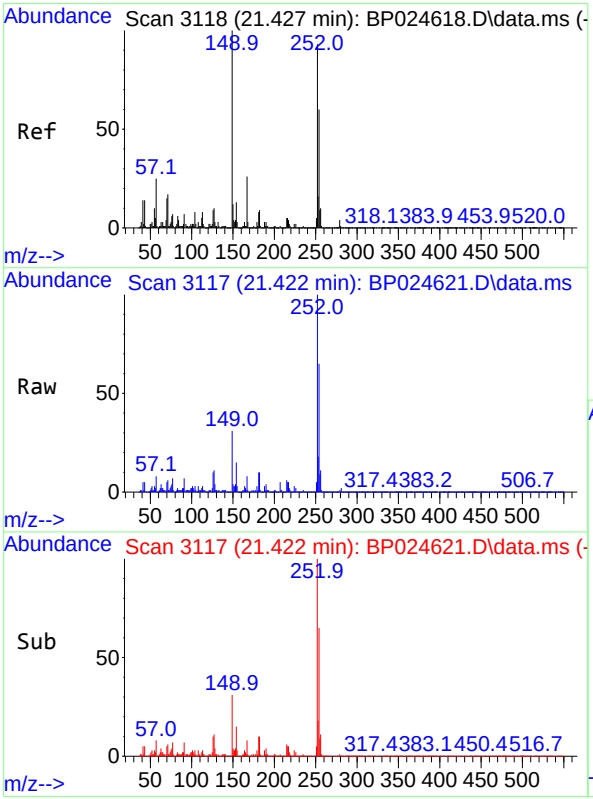
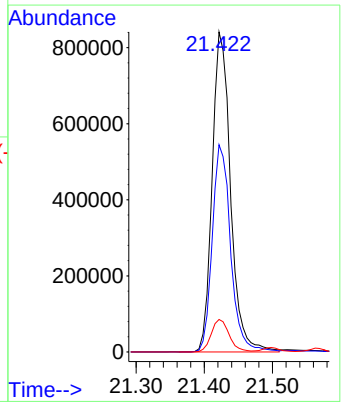
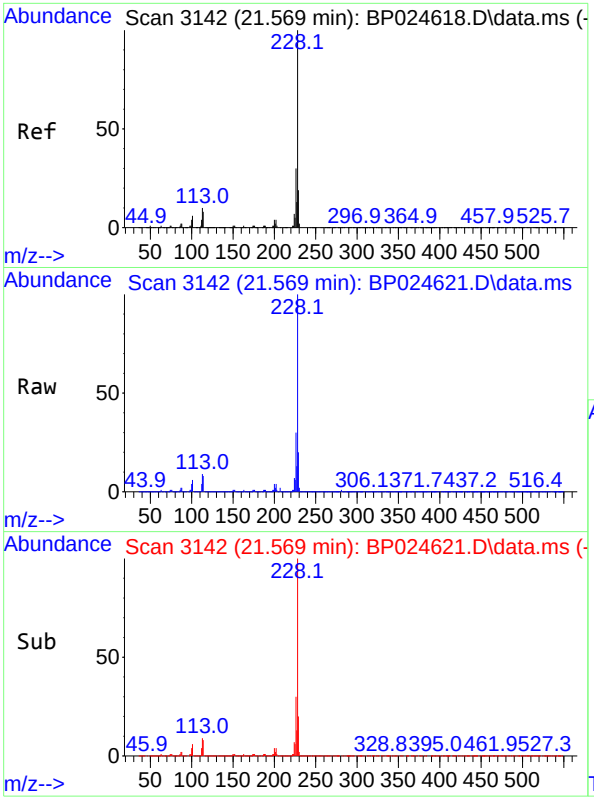


#82
3,3'-Dichlorobenzidine
Concen: 88.21 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 1575691

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	10.2	7.7	11.5

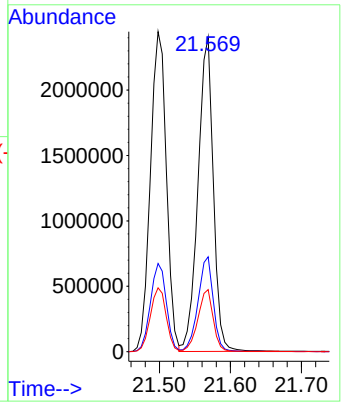




#83
Chrysene
Concen: 79.29 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:228 Resp: 361501

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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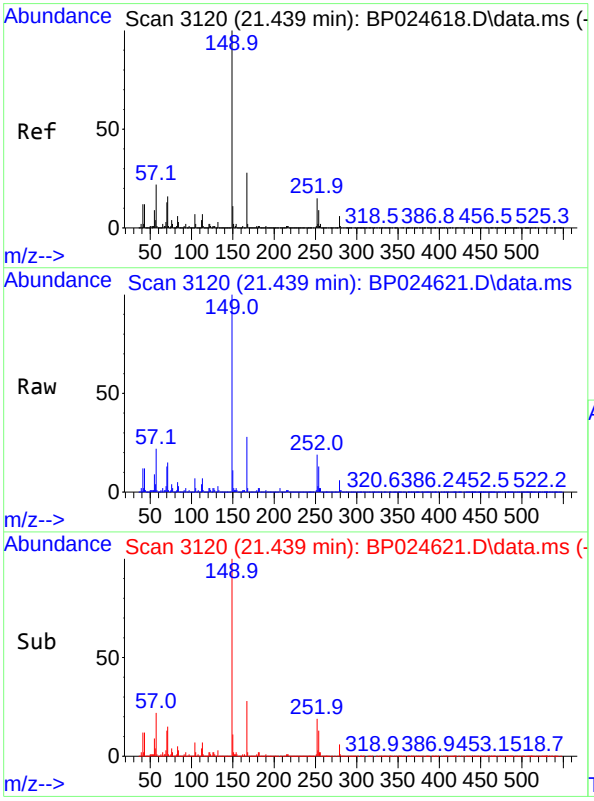
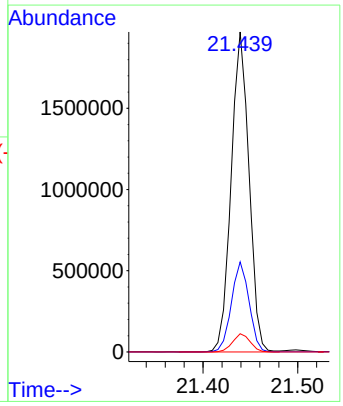
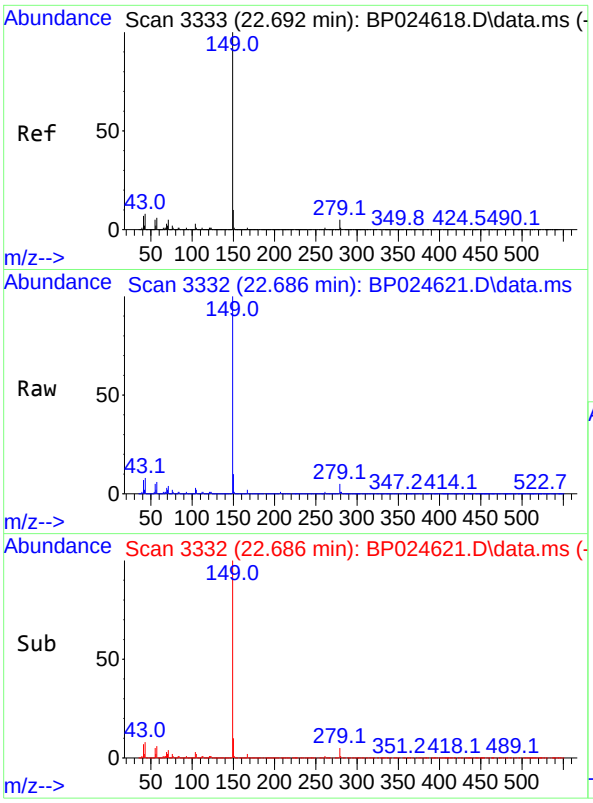


#84
Bis(2-ethylhexyl)phthalate
Concen: 85.91 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 2577445

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.7	4.6	6.8

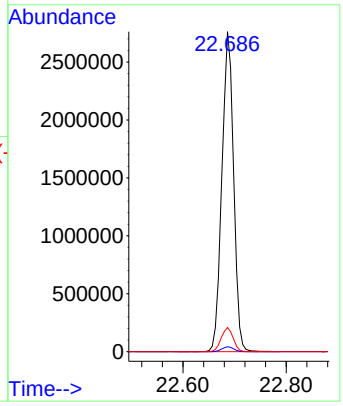




#85
Di-n-octyl phthalate
Concen: 88.50 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:149 Resp: 434165

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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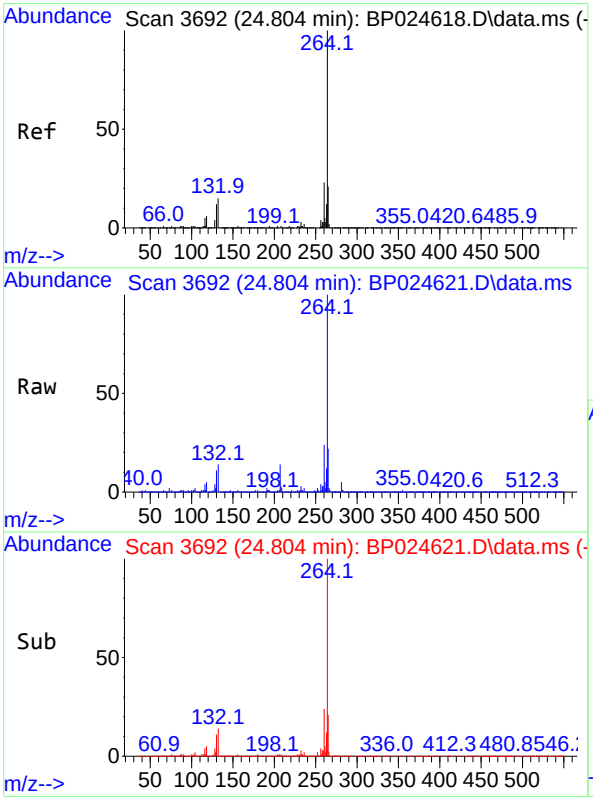
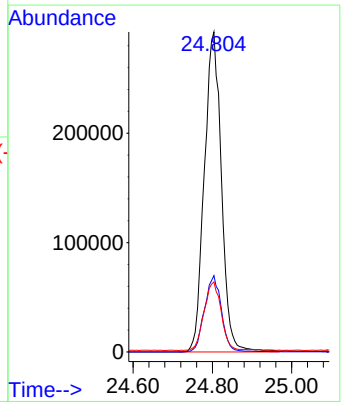
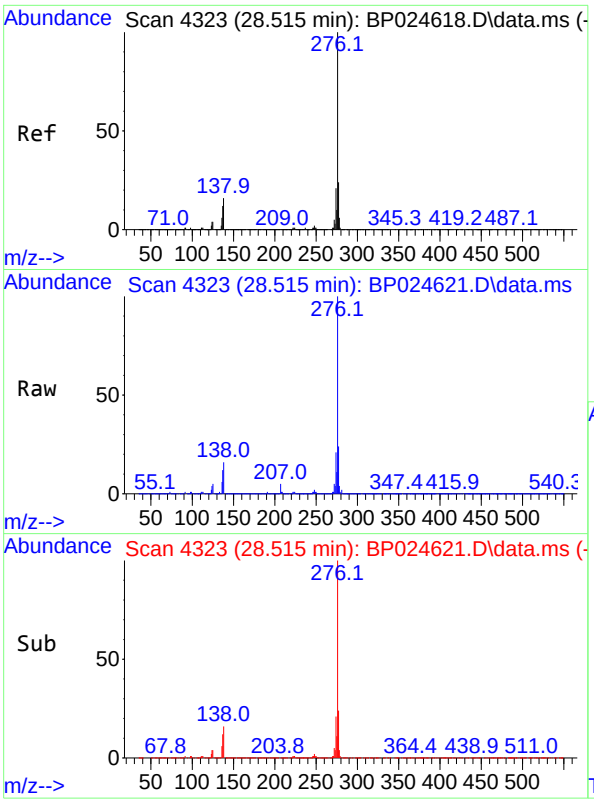


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.804 min Scan# 3692
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:264 Resp: 877352

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.9	17.0	25.6

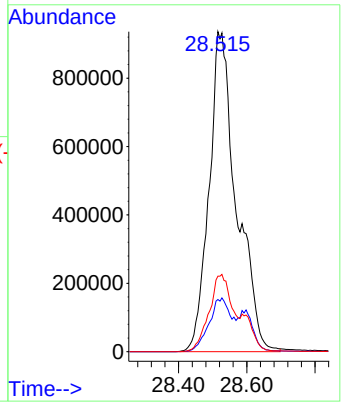




#87
Indeno(1,2,3-cd)pyrene
Concen: 81.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 524399

Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.2	16.8
277	20.5	15.7	23.5



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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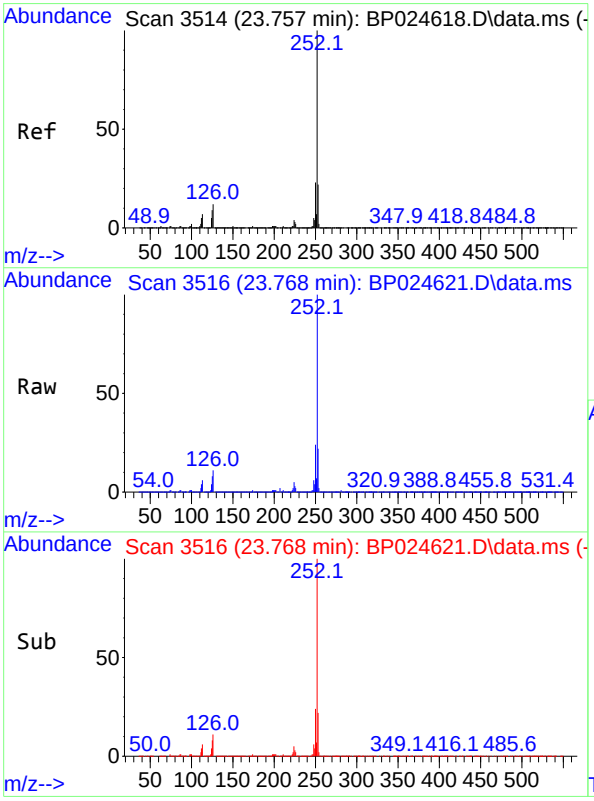
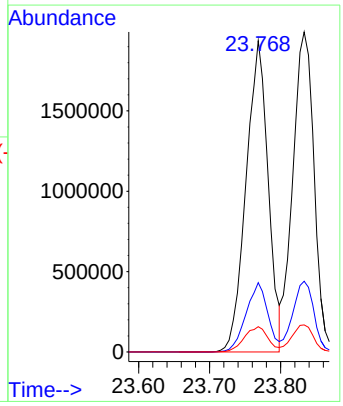
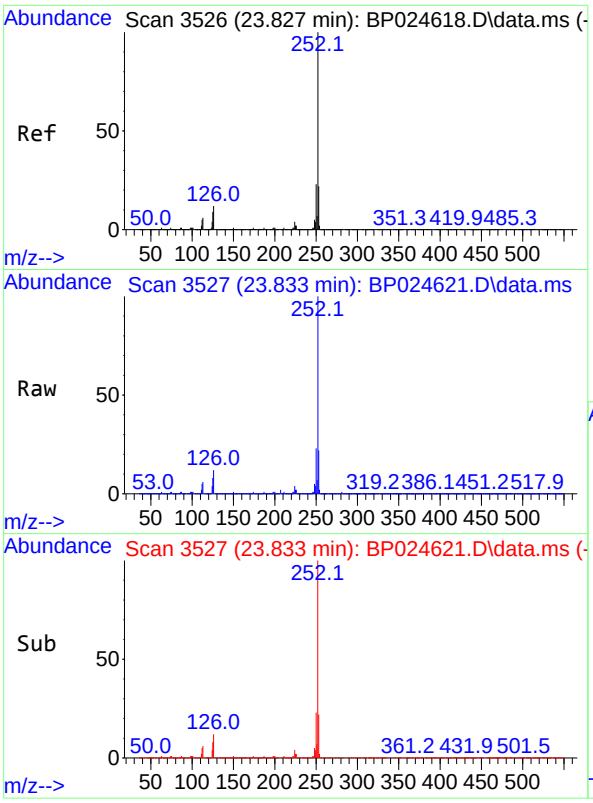


#88
Benzo(b)fluoranthene
Concen: 83.11 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 4173798

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.2	7.5	11.3

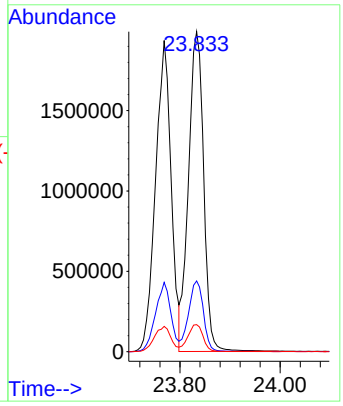




#89
Benzo(k)fluoranthene
Concen: 80.40 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 416026

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.5	7.0	10.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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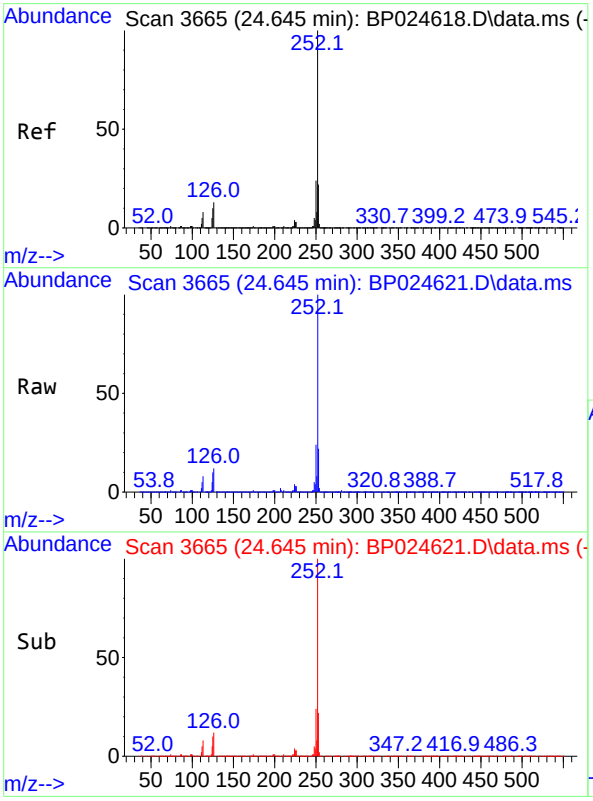
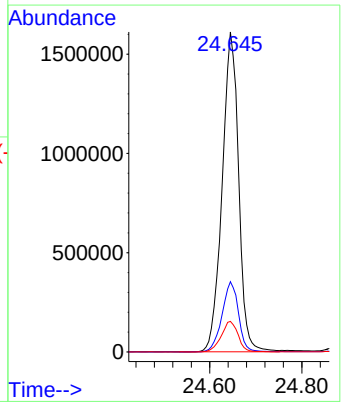
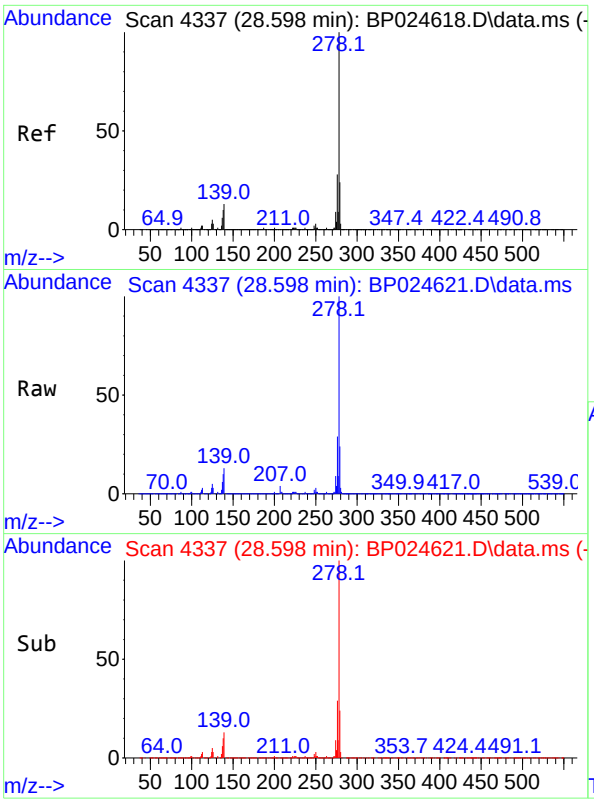


#90
Benzo(a)pyrene
Concen: 82.69 ng
RT: 24.645 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:252 Resp: 3988360

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	8.1	12.1

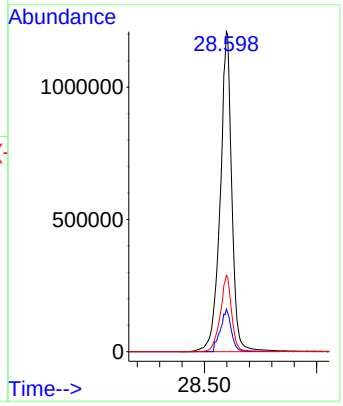




#91
Dibenzo(a,h)anthracene
Concen: 83.26 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:278 Resp: 433851

Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.2	15.4
279	23.9	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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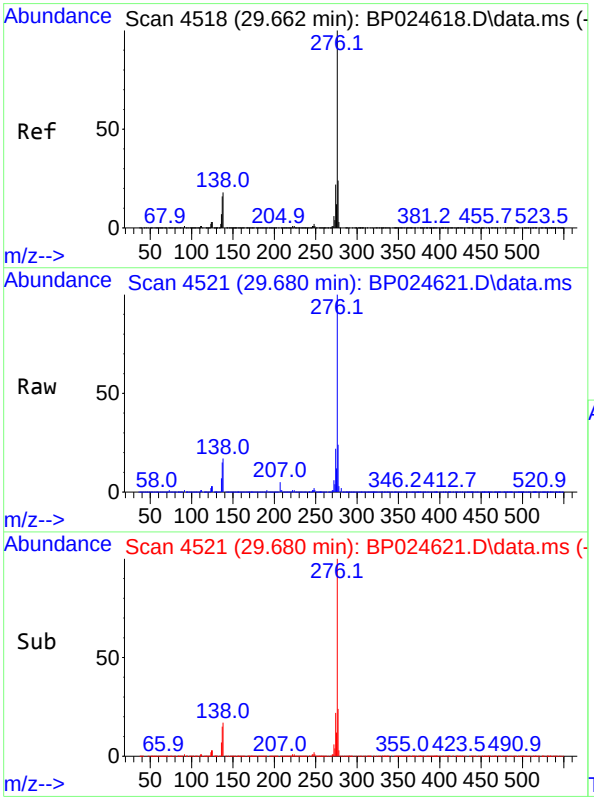
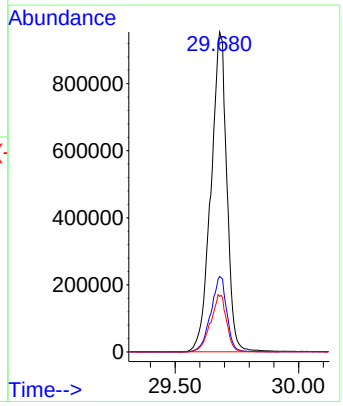


#92
Benzo(g,h,i)perylene
Concen: 82.08 ng
RT: 29.680 min Scan# 4521
Delta R.T. 0.018 min
Lab File: BP024621.D
Acq: 13 May 2025 15:26

Tgt Ion:276 Resp: 4253459

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	17.3	14.4	21.6



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Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	144423	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621777	20.00	ng	0.00
39) Acenaphthene-d10	14.292	164	391112	20.00	ng	-0.01
64) Phenanthrene-d10	17.092	188	780511	20.00	ng	0.00
76) Chrysene-d12	21.521	240	868822	20.00	ng	0.00
86) Perylene-d12	24.815	264	1015341	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	658249	77.95	ng	0.00
7) Phenol-d6	6.852	99	852330	79.09	ng	0.00
23) Nitrobenzene-d5	8.810	82	962660	78.23	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	520660	78.53	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2290715	76.73	ng	0.00
79) Terphenyl-d14	19.822	244	3889002	76.75	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	145871	36.79	ng	99
3) Pyridine	3.622	79	347515	39.53	ng	97
4) n-Nitrosodimethylamine	3.528	42	147412	37.98	ng	98
6) Aniline	6.999	93	545556	39.21	ng	100
8) 2-Chlorophenol	7.234	128	377358	39.37	ng	97
9) Benzaldehyde	6.816	77	272303	39.03	ng	99
10) Phenol	6.881	94	434788	39.09	ng	99
11) bis(2-Chloroethyl)ether	7.093	93	346744	37.94	ng	99
12) 1,3-Dichlorobenzene	7.552	146	417899	37.89	ng	98
13) 1,4-Dichlorobenzene	7.699	146	420432	37.90	ng	99
14) 1,2-Dichlorobenzene	8.010	146	409587	37.90	ng	99
15) Benzyl Alcohol	7.904	79	332015	40.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.181	45	416339	38.04	ng	99
17) 2-Methylphenol	8.110	107	316066	39.62	ng	99
18) Hexachloroethane	8.728	117	158167	37.21	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	291961	39.16	ng	99
20) 3+4-Methylphenols	8.434	107	429326	39.56	ng	99
22) Acetophenone	8.475	105	597464	38.47	ng	99
24) Nitrobenzene	8.851	77	416985	38.50	ng	96
25) Isophorone	9.375	82	821637	38.49	ng	99
26) 2-Nitrophenol	9.557	139	218211	41.12	ng	95
27) 2,4-Dimethylphenol	9.622	122	369418	39.48	ng	100
28) bis(2-Chloroethoxy)met...	9.851	93	493722	38.71	ng	100
29) 2,4-Dichlorophenol	10.093	162	364373	40.19	ng	97
30) 1,2,4-Trichlorobenzene	10.298	180	389362	38.11	ng	98
31) Naphthalene	10.481	128	1226624	38.07	ng	100
32) Benzoic acid	9.781	122	223660	36.46	ng	98
33) 4-Chloroaniline	10.598	127	524873	40.37	ng	99
34) Hexachlorobutadiene	10.763	225	246776	37.29	ng	98
35) Caprolactam	11.387	113	130399	39.75	ng	99
36) 4-Chloro-3-methylphenol	11.740	107	431344	39.01	ng	100
37) 2-Methylnaphthalene	12.098	142	789724	37.85	ng	99
38) 1-Methylnaphthalene	12.316	142	833521	37.34	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	444420	39.13	ng	100
41) Hexachlorocyclopentadiene	12.445	237	305575	44.37	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	305651	41.55	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	336252	41.06	ng	97
46) 1,1'-Biphenyl	13.116	154	1124669	38.91	ng	99
47) 2-Chloronaphthalene	13.157	162	864853	39.24	ng	98
48) 2-Nitroaniline	13.369	65	264965	40.60	ng	97
49) Acenaphthylene	14.010	152	1419821	38.49	ng	100
50) Dimethylphthalate	13.751	163	1155211	38.75	ng	99
51) 2,6-Dinitrotoluene	13.875	165	247537	39.32	ng	99
52) Acenaphthene	14.357	154	803755	37.90	ng	99
53) 3-Nitroaniline	14.210	138	262737	40.87	ng	100
54) 2,4-Dinitrophenol	14.428	184	135624	37.83	ng	96
55) Dibenzofuran	14.698	168	1282228	37.91	ng	99
56) 4-Nitrophenol	14.545	139	202528	38.70	ng	97
57) 2,4-Dinitrotoluene	14.675	165	354817	39.97	ng	99
58) Fluorene	15.357	166	1059642	38.42	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	298327	39.27	ng	99
60) Diethylphthalate	15.134	149	1150091	38.17	ng	100
61) 4-Chlorophenyl-phenyle...	15.357	204	526066	38.25	ng	99
62) 4-Nitroaniline	15.398	138	265185	42.72	ng	98
63) Azobenzene	15.657	77	1000653	38.82	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	203200	40.30	ng	98
66) n-Nitrosodiphenylamine	15.575	169	920187	38.38	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	357846	38.91	ng	97
68) Hexachlorobenzene	16.386	284	446142	38.18	ng	99
69) Atrazine	16.551	200	347661	39.57	ng	99
70) Pentachlorophenol	16.739	266	269781	41.12	ng	99
71) Phenanthrene	17.133	178	1629118	37.55	ng	99
72) Anthracene	17.228	178	1669395	38.24	ng	100
73) Carbazole	17.510	167	1563685	39.57	ng	99
74) Di-n-butylphthalate	18.098	149	1978741	38.94	ng	100
75) Fluoranthene	19.222	202	1956043	38.57	ng	100
77) Benzidine	19.422	184	1023514	43.25	ng	99
78) Pyrene	19.604	202	1992845	38.28	ng	100
80) Butylbenzylphthalate	20.557	149	938210	40.52	ng	96
81) Benzo(a)anthracene	21.510	228	2121561	38.89	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	861323	42.51	ng	100
83) Chrysene	21.574	228	1976940	38.23	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1375919	40.43	ng	100
85) Di-n-octyl phthalate	22.698	149	2321673	41.72	ng	100
87) Indeno(1,2,3-cd)pyrene	28.515	276	2879864m	38.85	ng	
88) Benzo(b)fluoranthene	23.768	252	2283322	39.29	ng	100
89) Benzo(k)fluoranthene	23.833	252	2289000	38.22	ng	100
90) Benzo(a)pyrene	24.668	252	2177020	39.00	ng	99
91) Dibenzo(a,h)anthracene	28.615	278	2374558	39.38	ng	100
92) Benzo(g,h,i)perylene	29.686	276	2333151	38.91	ng	100

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

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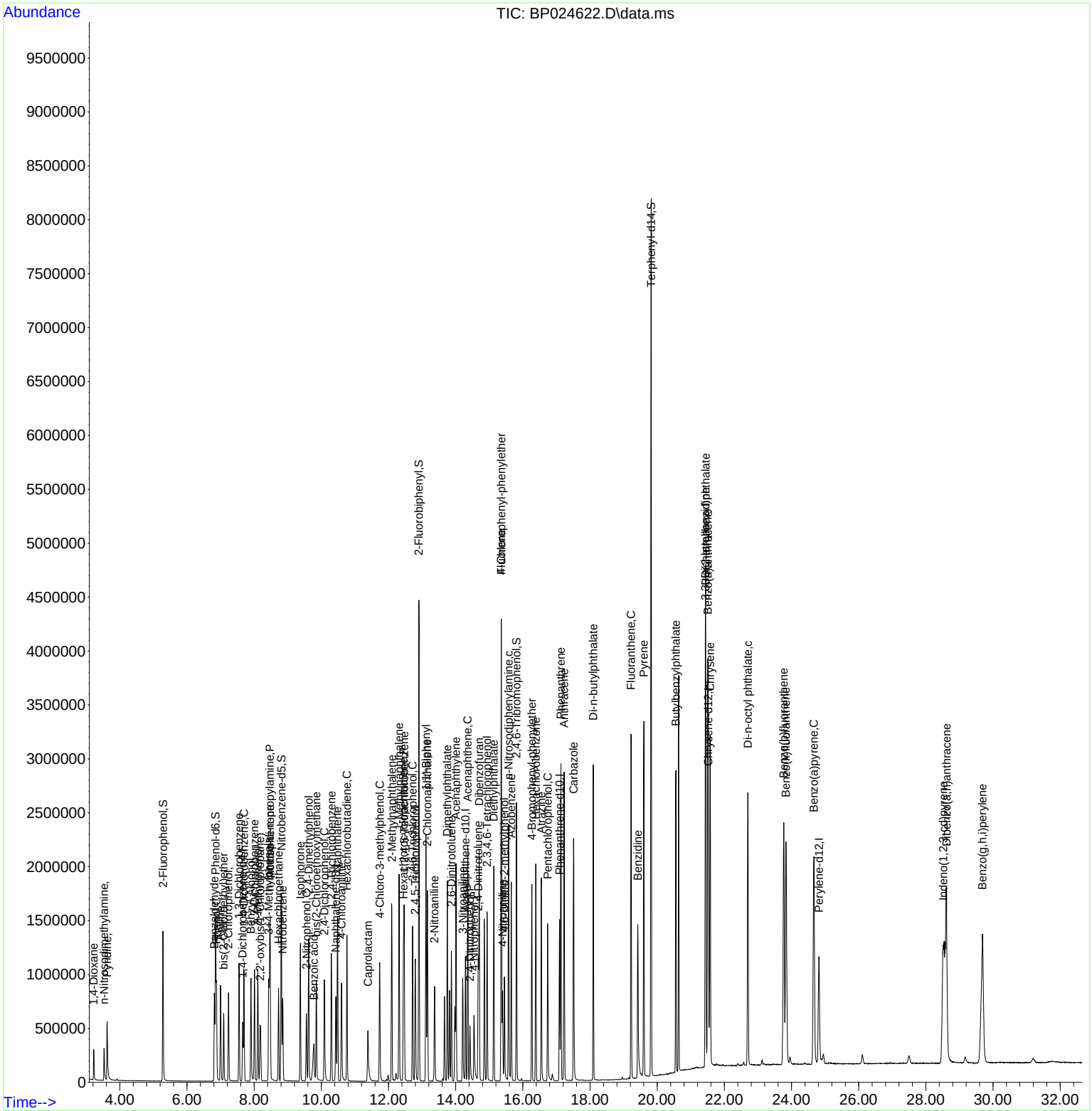
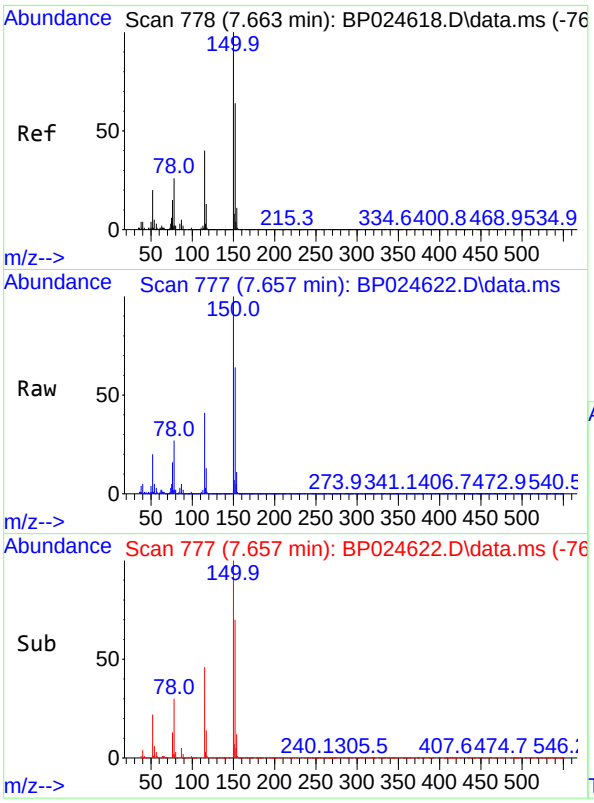
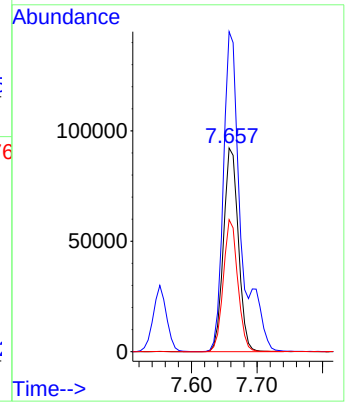




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.657 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:152 Resp: 14442

Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	64.8	50.1	75.1



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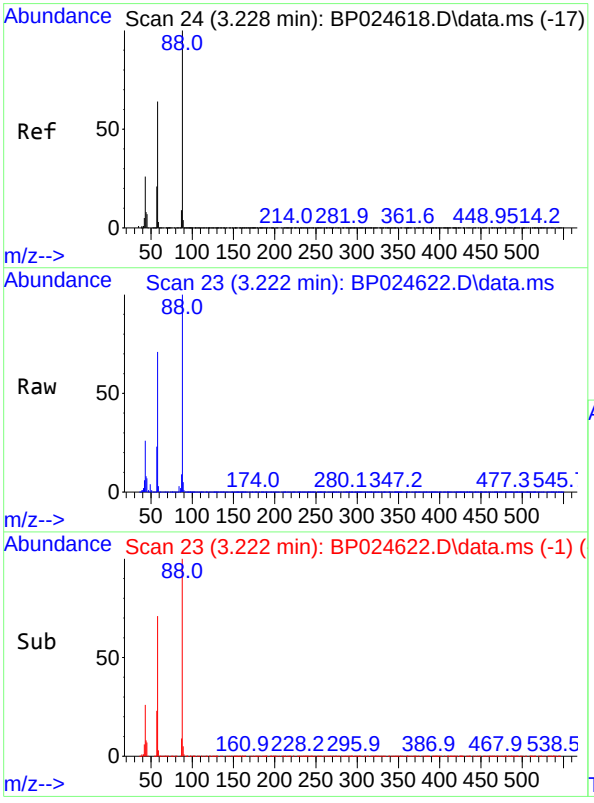
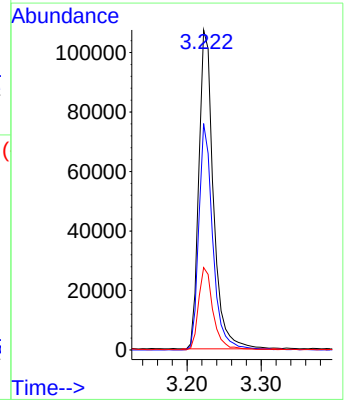
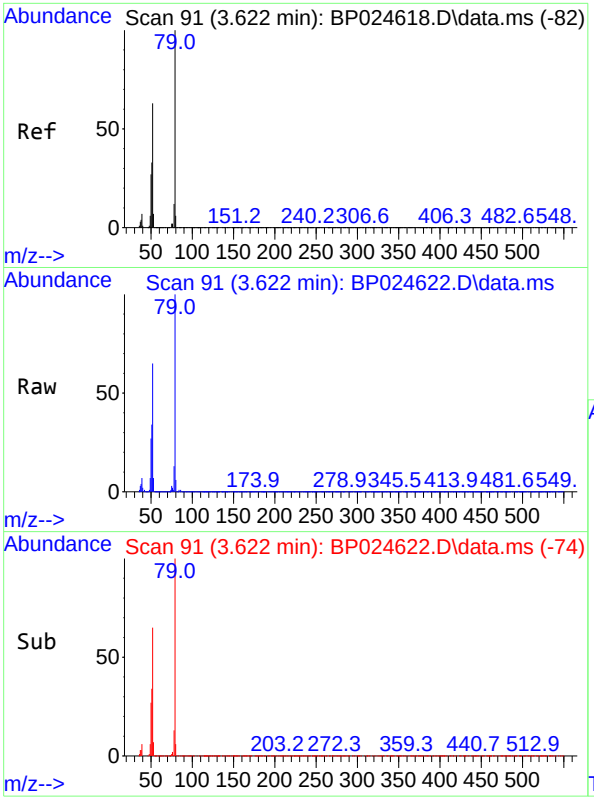


#2
1,4-Dioxane
Concen: 36.79 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 88 Resp: 145871

Ion	Ratio	Lower	Upper
88	100		
58	68.6	54.0	81.0
43	25.9	21.4	32.0

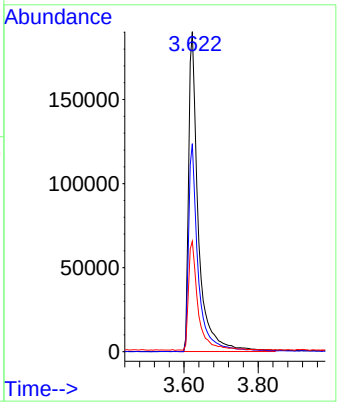




#3
Pyridine
Concen: 39.53 ng
RT: 3.622 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 79 Resp: 34751

Ion	Ratio	Lower	Upper
79	100		
52	65.0	50.2	75.2
51	34.5	26.8	40.2



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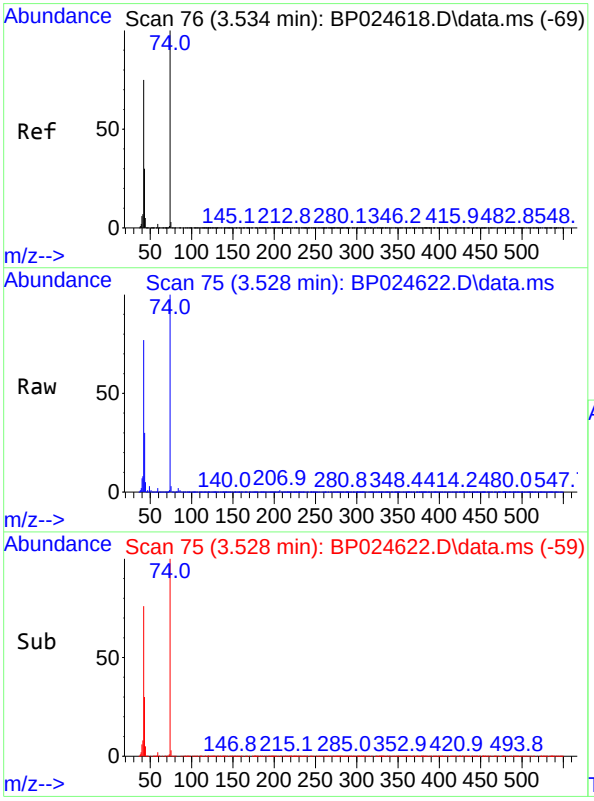
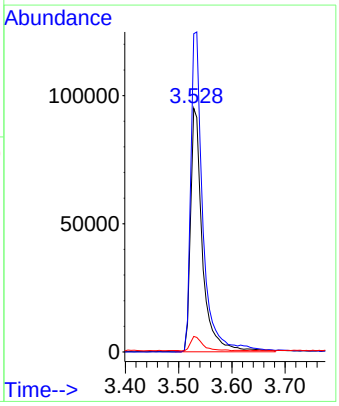
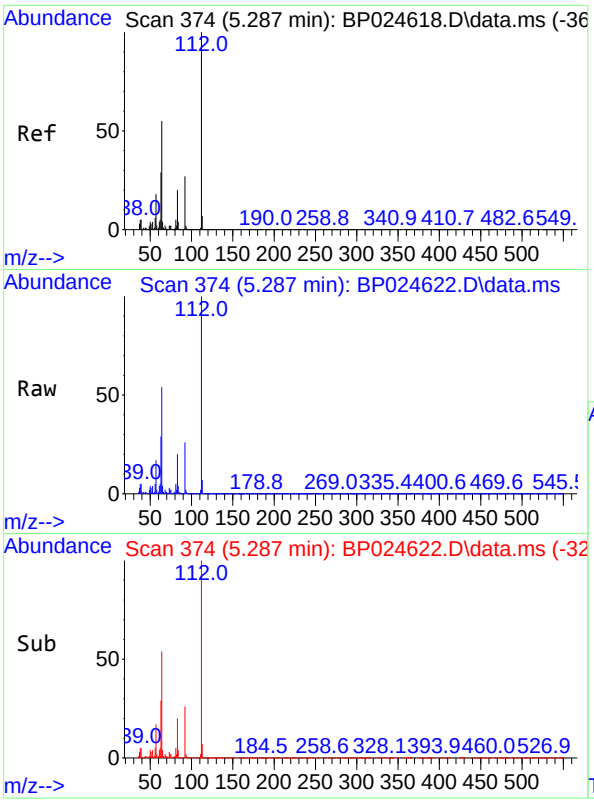


#4
n-Nitrosodimethylamine
Concen: 37.98 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 42 Resp: 147412

Ion	Ratio	Lower	Upper
42	100		
74	130.6	106.2	159.2
44	6.4	5.4	8.2

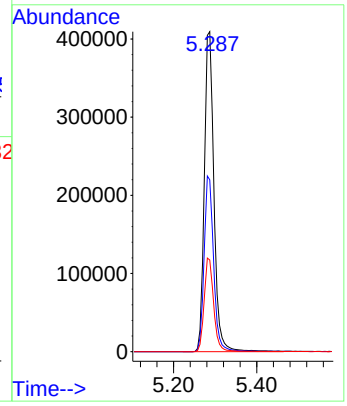




#5
2-Fluorophenol
Concen: 77.95 ng
RT: 5.287 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:112 Resp: 65824

Ion	Ratio	Lower	Upper
112	100		
64	53.7	44.1	66.1
63	28.7	23.5	35.3



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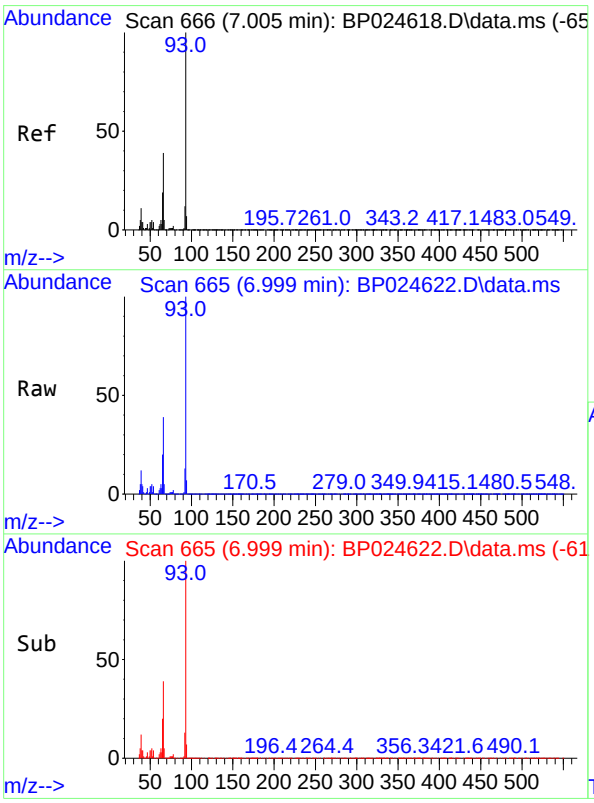
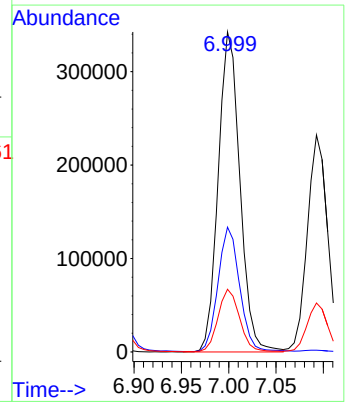
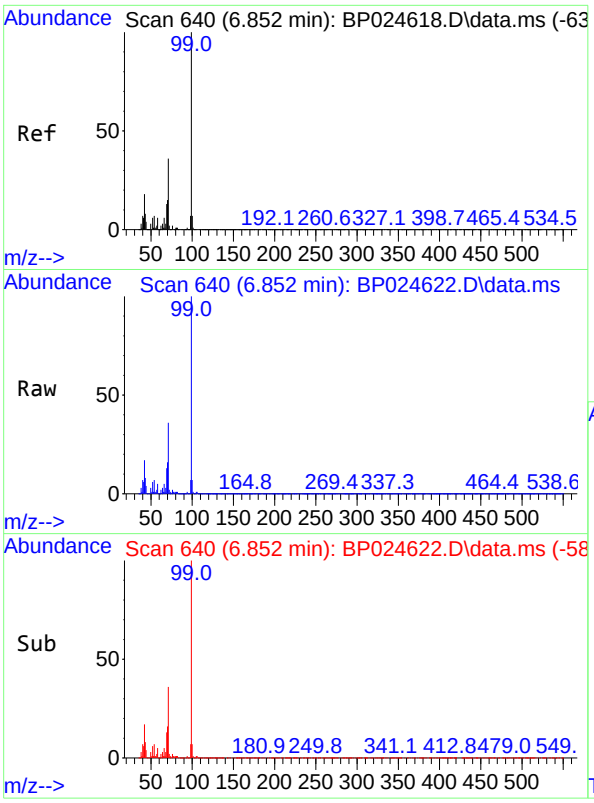


#6
Aniline
Concen: 39.21 ng
RT: 6.999 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 545556

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.0	46.6
65	19.6	15.5	23.3

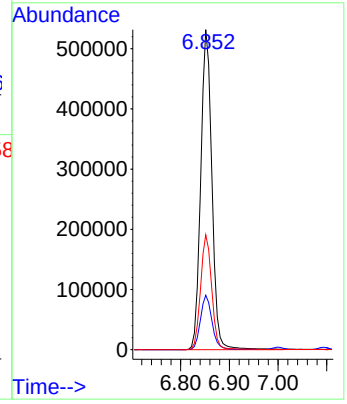




#7
Phenol-d6
Concen: 79.09 ng
RT: 6.852 min Scan# 64
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 99 Resp: 85233

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.4	21.6
71	35.9	29.2	43.8



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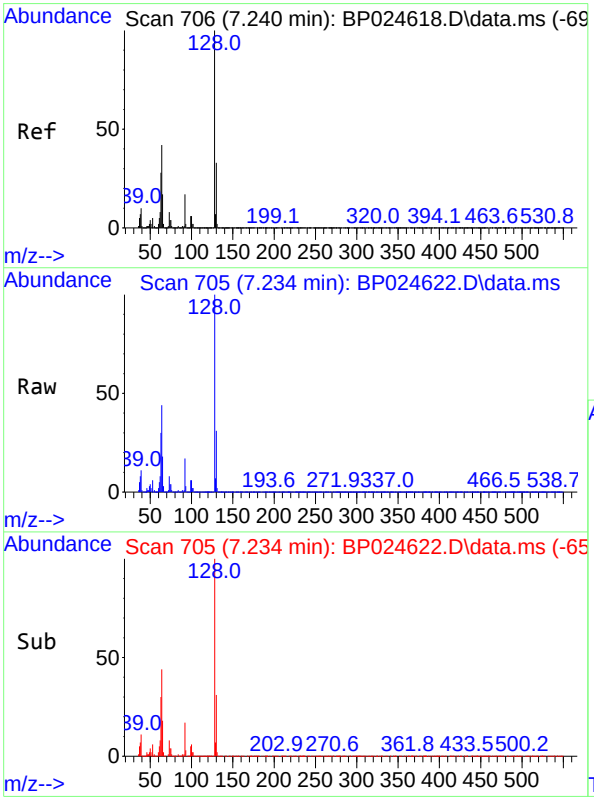
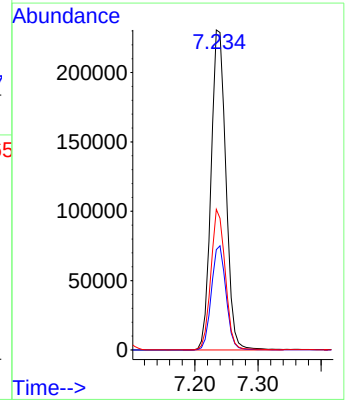
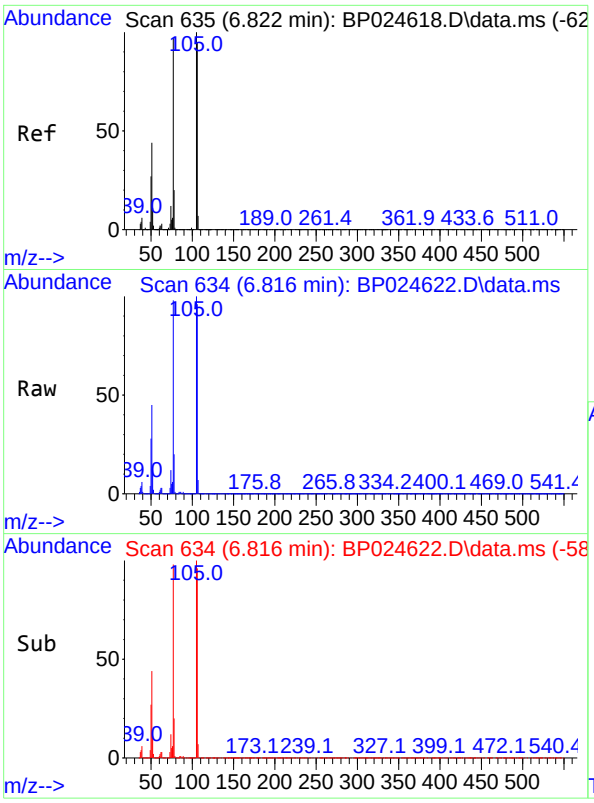


#8
2-Chlorophenol
Concen: 39.37 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:128 Resp: 377358

Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.0	53.0
64	43.9	22.3	62.3

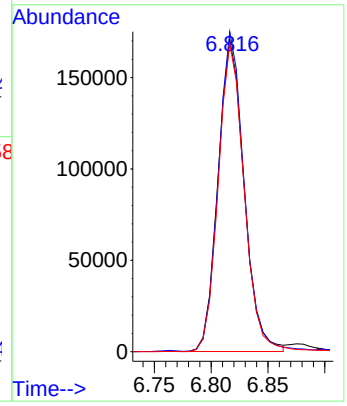




#9
Benzaldehyde
Concen: 39.03 ng
RT: 6.816 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 77 Resp: 27230

Ion	Ratio	Lower	Upper
77	100		
105	102.4	83.3	123.3
106	98.5	78.0	118.0



Instrument :
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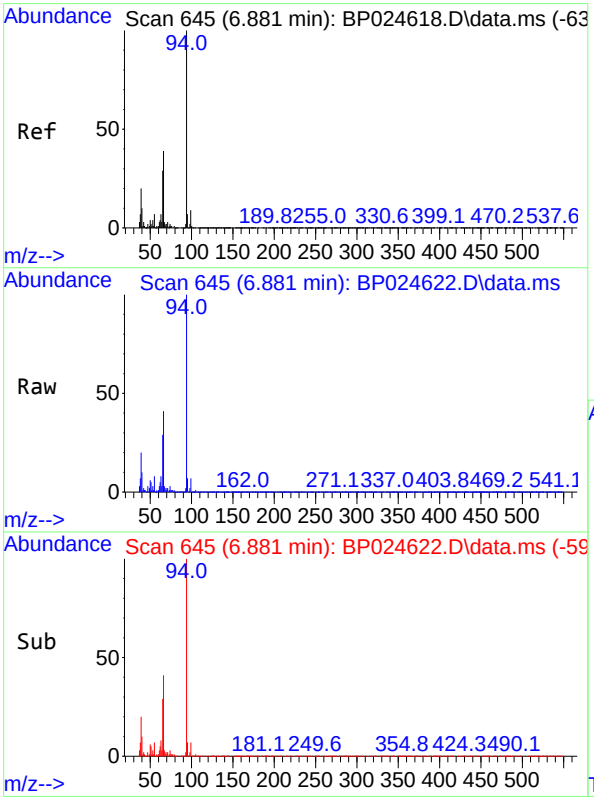
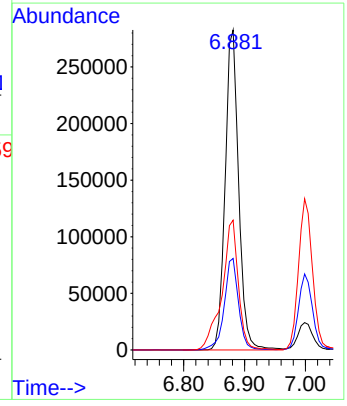
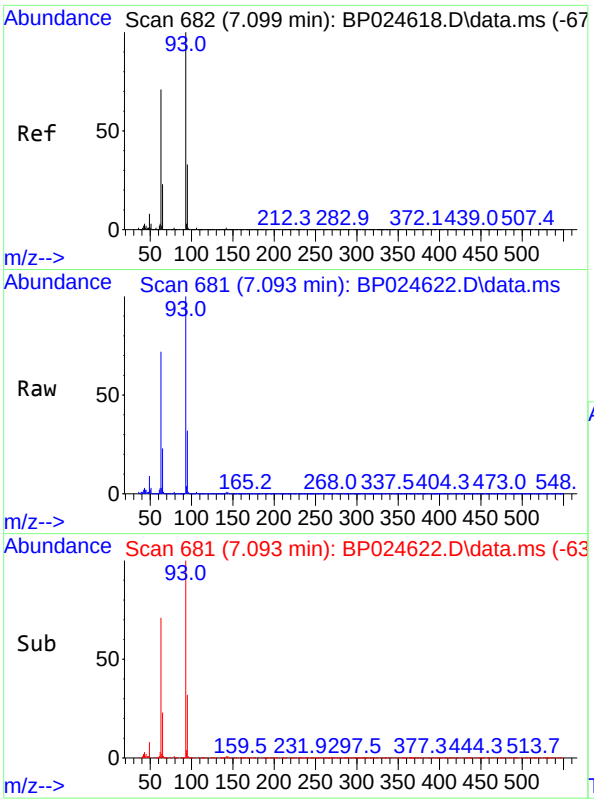


#10
Phenol
Concen: 39.09 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 94 Resp: 434788

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	40.5	19.4	59.4

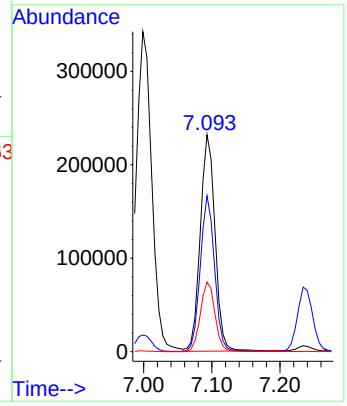




#11
bis(2-Chloroethyl)ether
Concen: 37.94 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 34674

Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.6	90.6
95	32.1	12.9	52.9



Instrument :
BNA_P
ClientSampleId :
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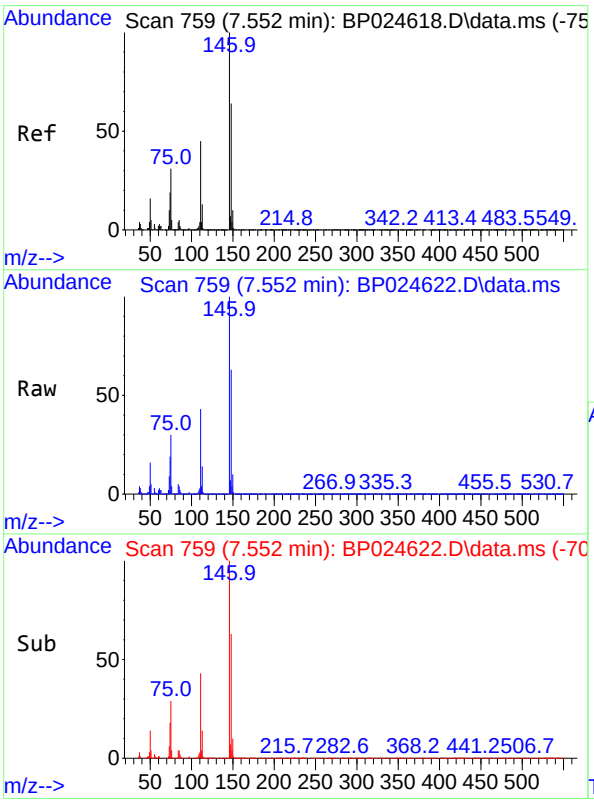
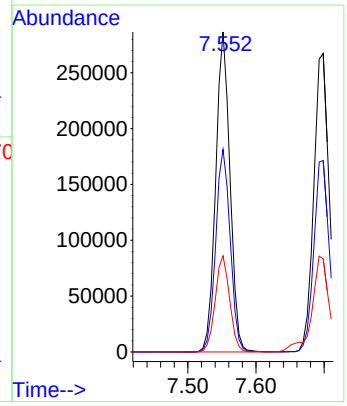
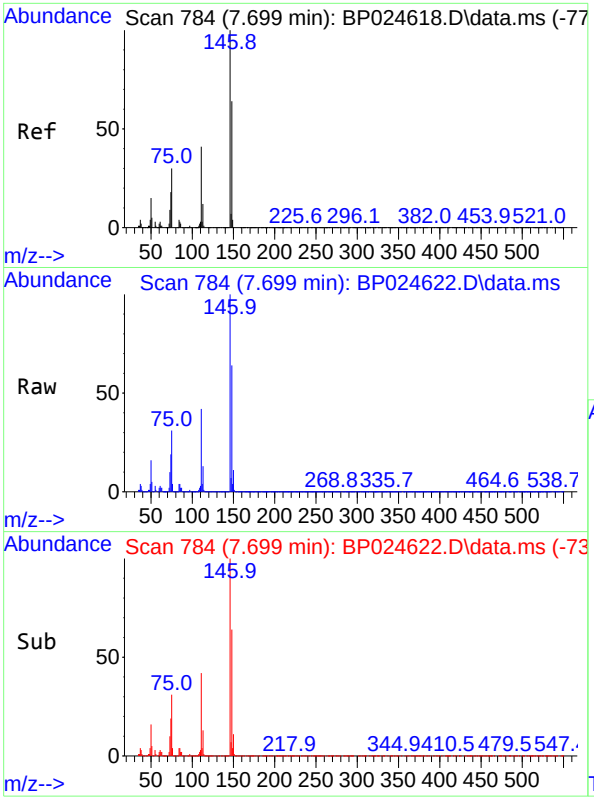


#12
1,3-Dichlorobenzene
Concen: 37.89 ng
RT: 7.552 min Scan# 759
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 417899

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	30.1	25.2	37.8

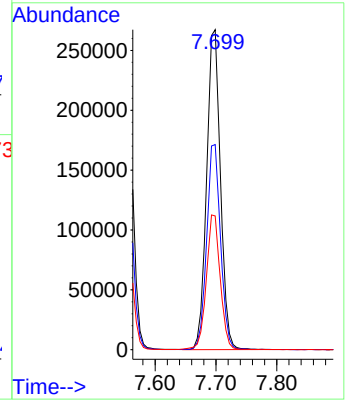




#13
1,4-Dichlorobenzene
Concen: 37.90 ng
RT: 7.699 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 42043

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
111	41.8	33.0	49.6



Instrument :
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ClientSampleId :
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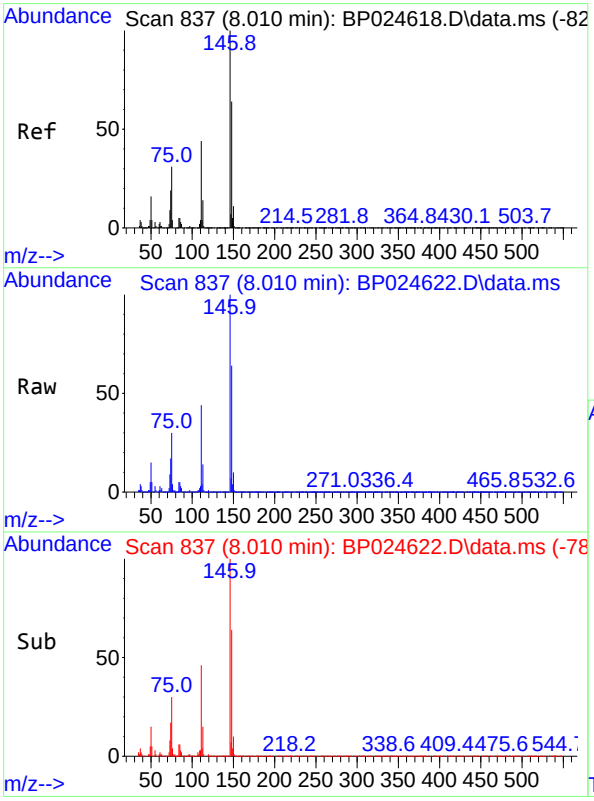
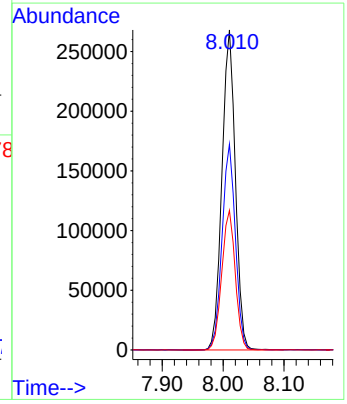
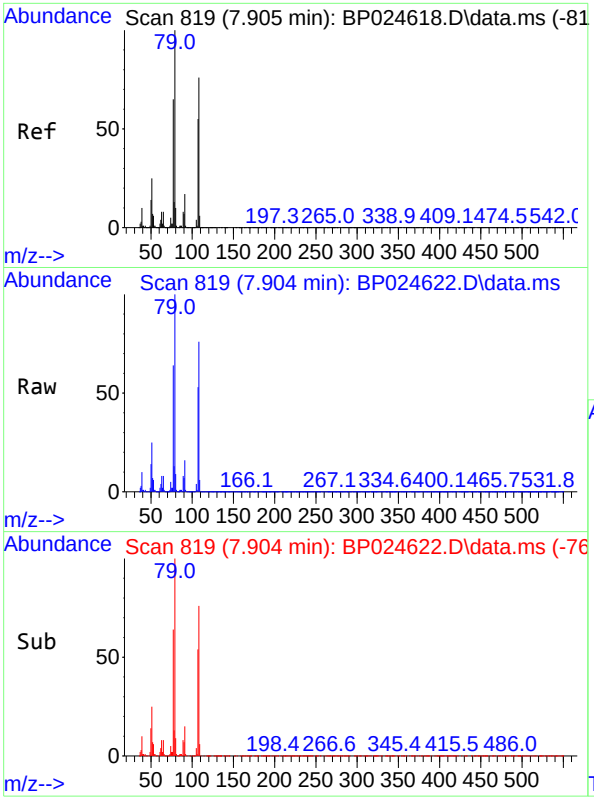


#14
1,2-Dichlorobenzene
Concen: 37.90 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:146 Resp: 409587

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.4
111	43.6	35.2	52.8





#15
Benzyl Alcohol
Concen: 40.54 ng
RT: 7.904 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 79 Resp: 33201

Ion	Ratio	Lower	Upper
79	100		
108	76.4	60.8	91.2
77	63.7	51.9	77.9

Instrument :
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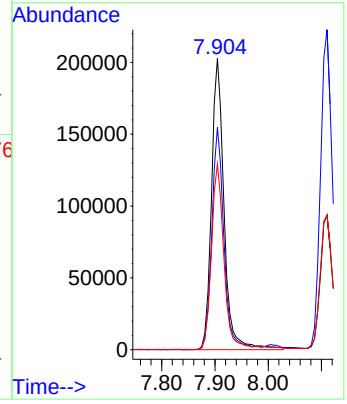
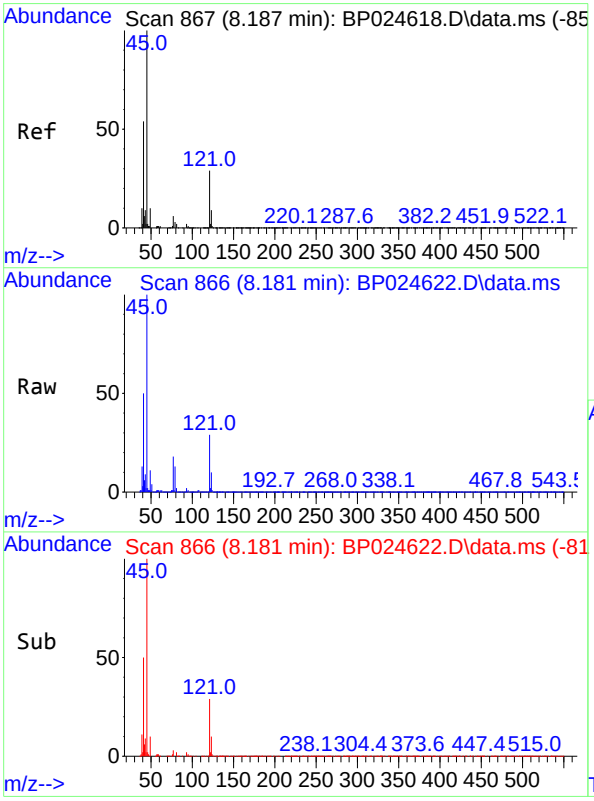
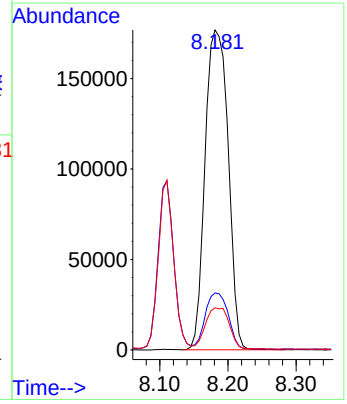


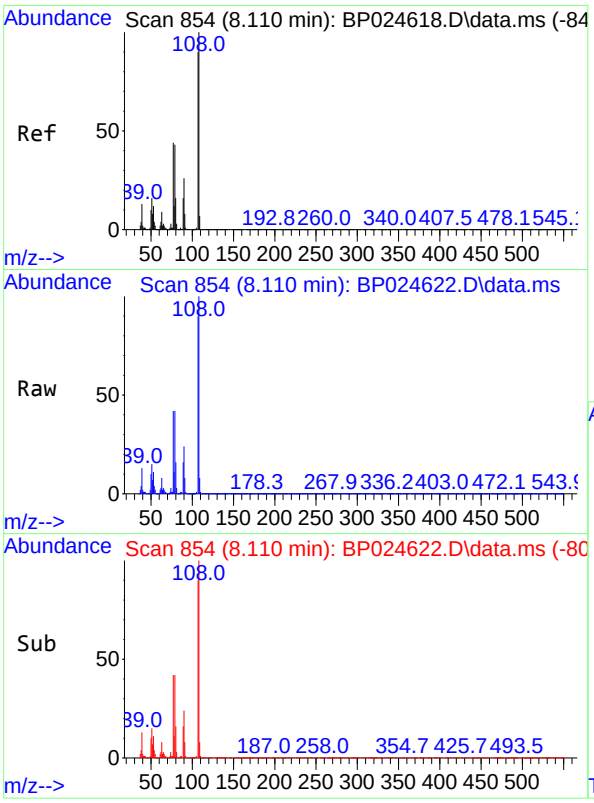


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.04 ng
RT: 8.181 min Scan# 866
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 45 Resp: 416339

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	13.2	0.0	34.0

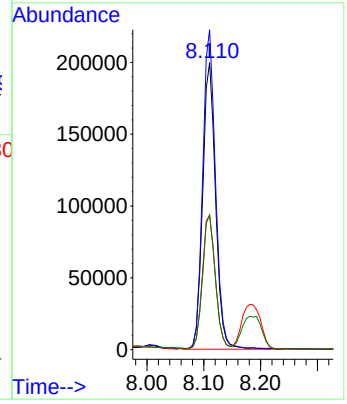




#17
2-Methylphenol
Concen: 39.62 ng
RT: 8.110 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 31606

Ion	Ratio	Lower	Upper
107	100		
108	111.5	88.9	133.3
77	46.8	39.0	58.6
79	47.0	38.4	57.6



Instrument :
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ClientSampleId :
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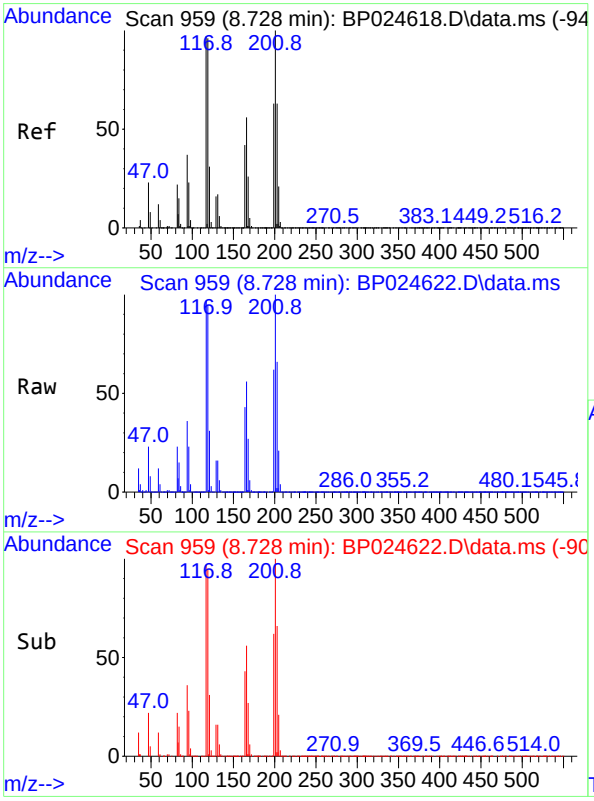
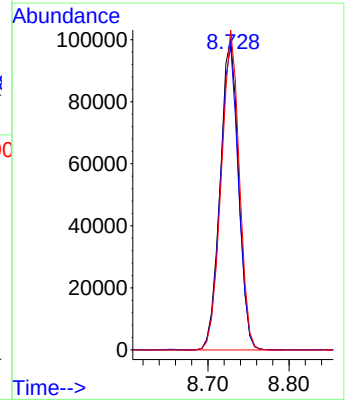
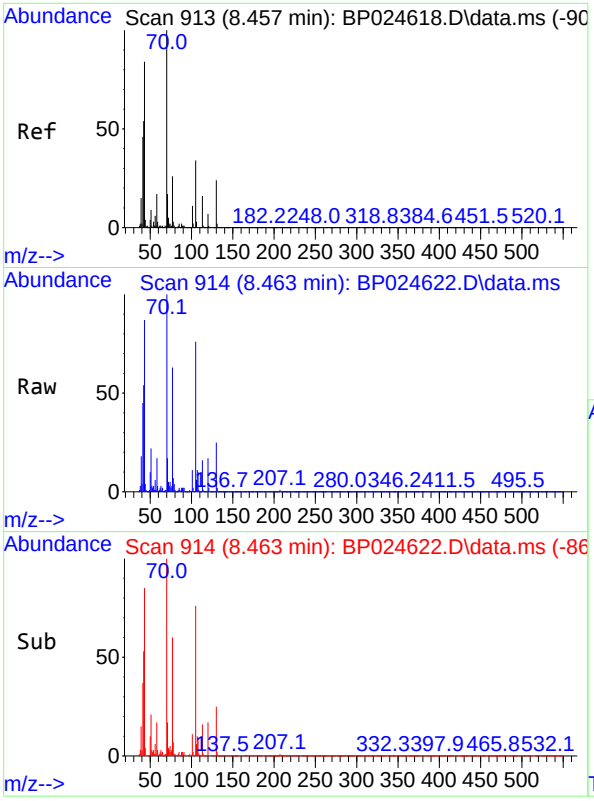


#18
Hexachloroethane
Concen: 37.21 ng
RT: 8.728 min Scan# 959
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:117 Resp: 158167

Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	103.0	82.7	124.1

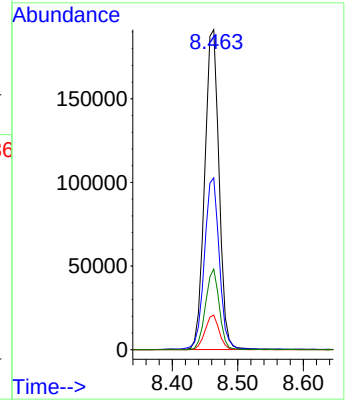




#19
n-Nitroso-di-n-propylamine
Concen: 39.16 ng
RT: 8.463 min Scan# 9
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 70 Resp: 29196

Ion	Ratio	Lower	Upper
70	100		
42	53.7	43.0	64.6
101	10.8	8.7	13.1
130	25.2	19.4	29.0



Instrument :
BNA_P
ClientSampleId :
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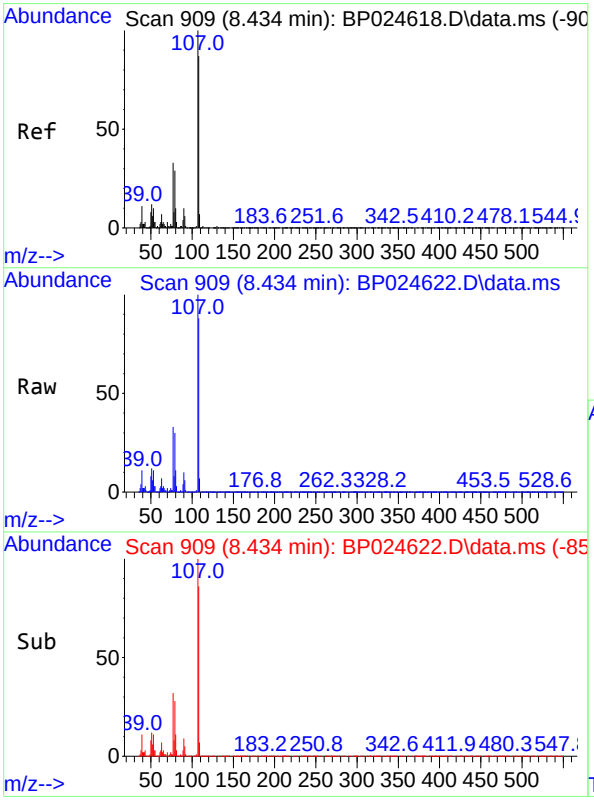
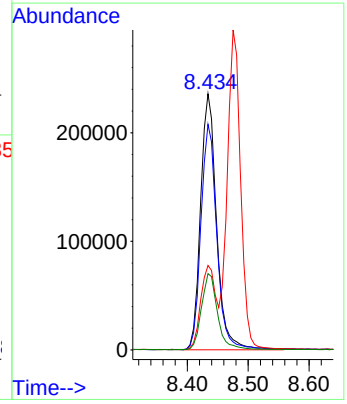
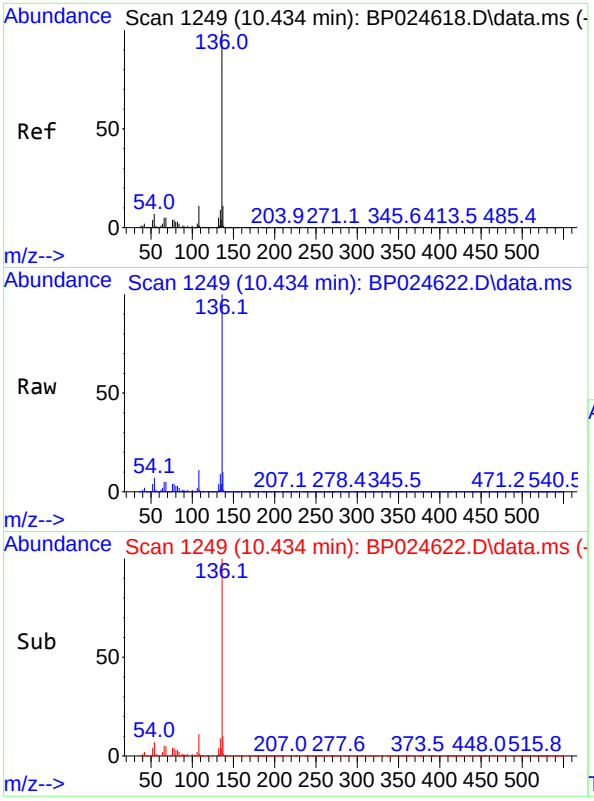


#20
3+4-Methylphenols
Concen: 39.56 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 429326

Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	33.0	13.1	53.1
79	29.8	8.9	48.9

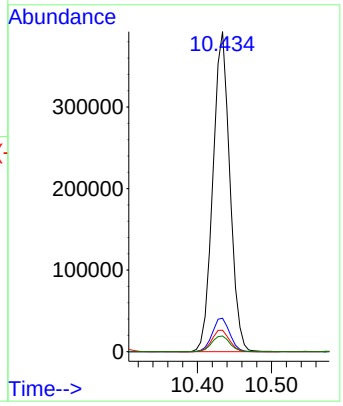




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:136 Resp: 62177

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	6.7	5.5	8.3
68	4.9	4.2	6.2



Instrument :
BNA_P
ClientSampleId :
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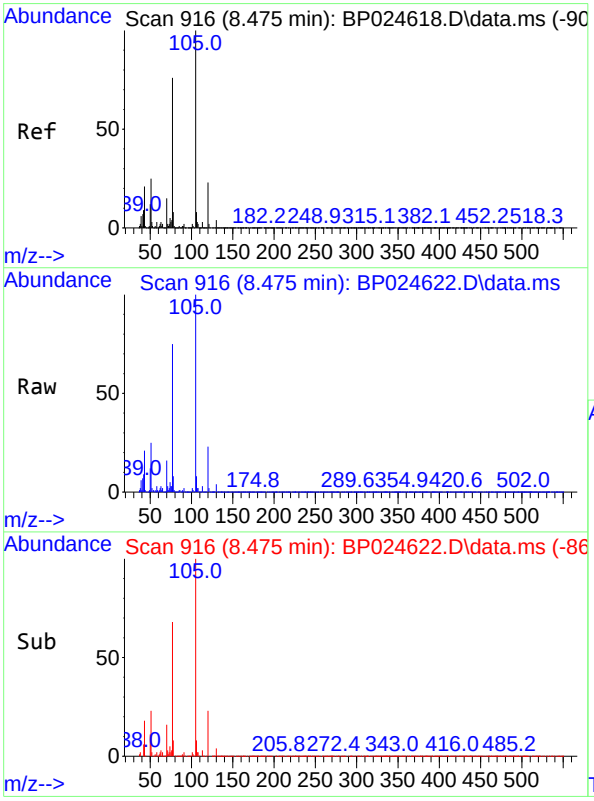
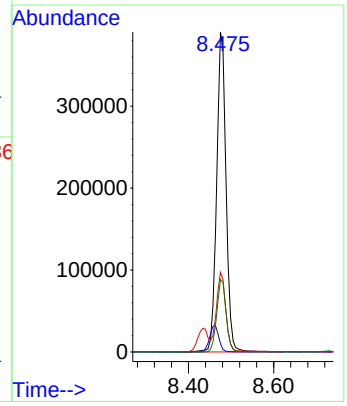
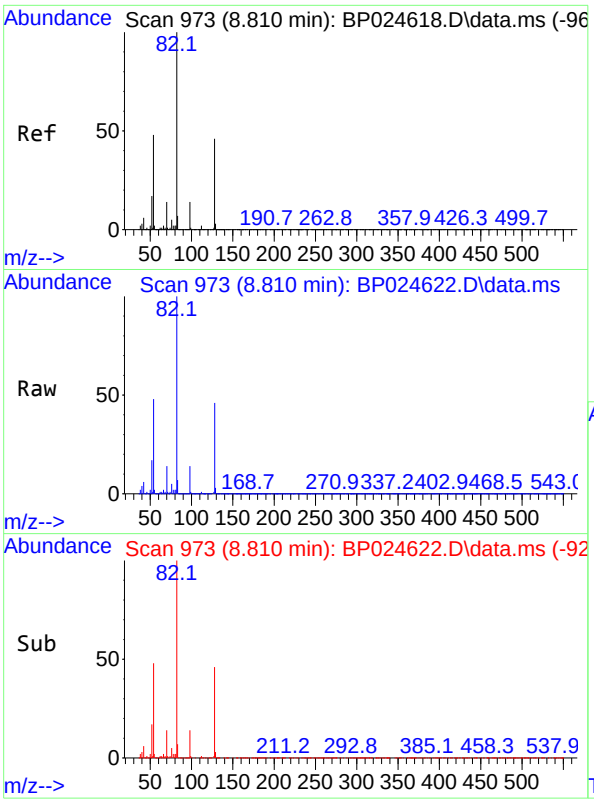


#22
Acetophenone
Concen: 38.47 ng
RT: 8.475 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:105 Resp: 597464

Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.0	3.0
51	24.9	20.4	30.6
120	22.7	18.1	27.1

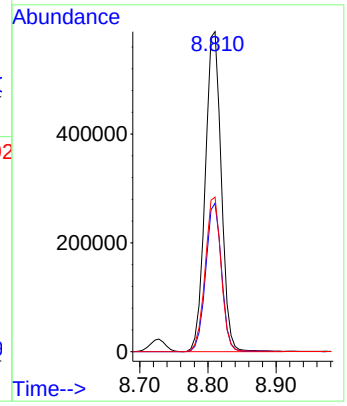




#23
Nitrobenzene-d5
Concen: 78.23 ng
RT: 8.810 min Scan# 9
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 82 Resp: 96266

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.4
54	48.3	38.7	58.1



Instrument :
BNA_P
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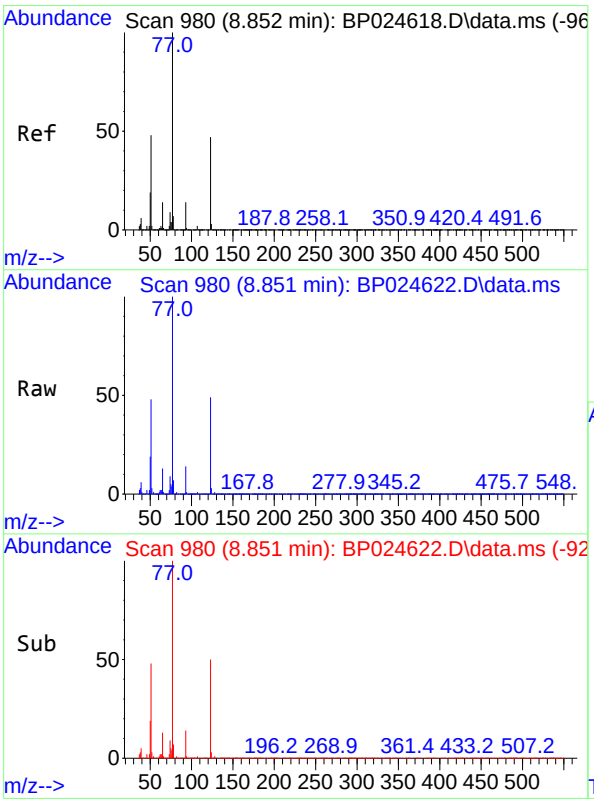
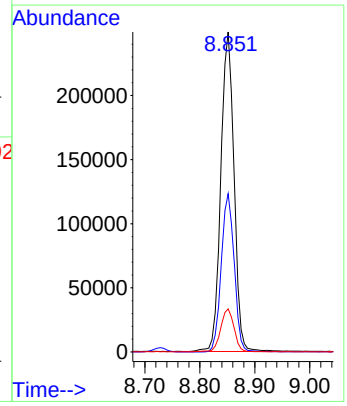
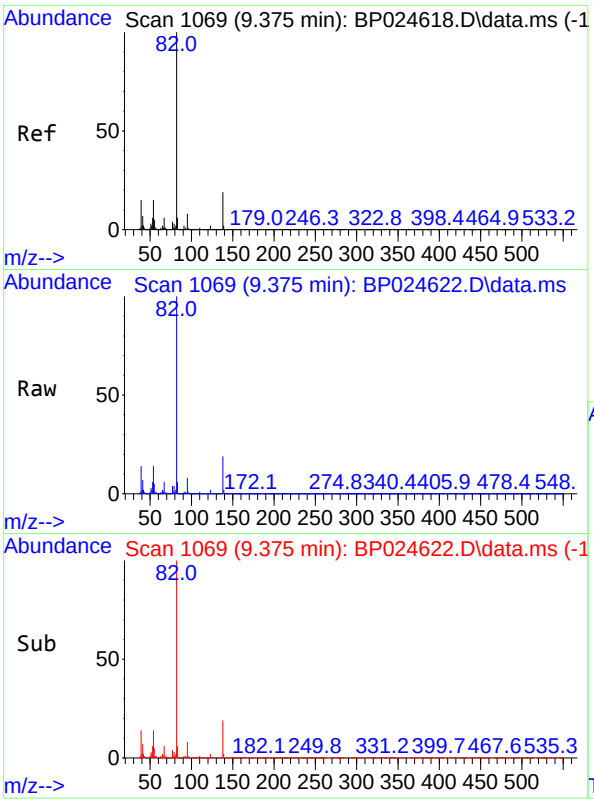


#24
Nitrobenzene
Concen: 38.50 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 77 Resp: 416985

Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.4	56.0
65	13.5	11.3	16.9

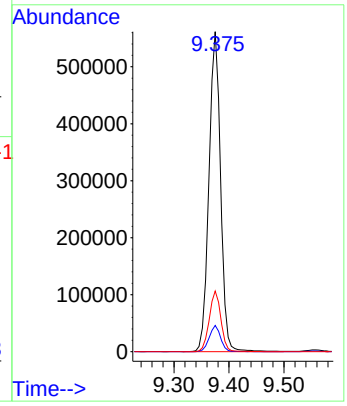




#25
Isophorone
Concen: 38.49 ng
RT: 9.375 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 82 Resp: 82163

Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.3	9.5
138	18.9	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
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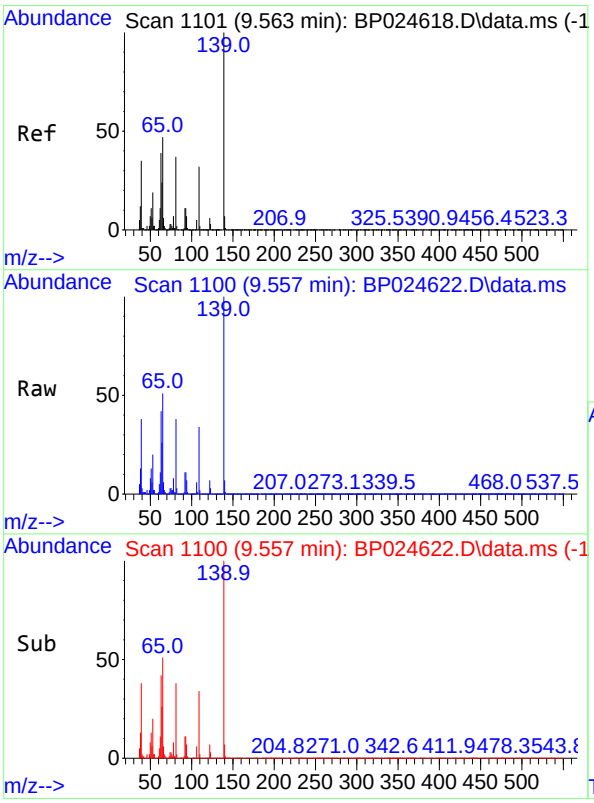
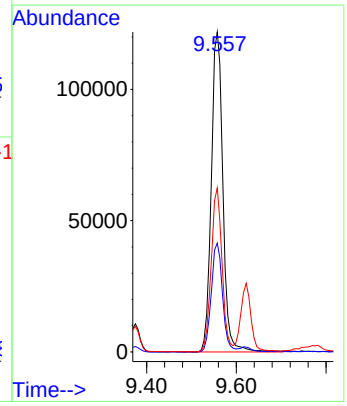
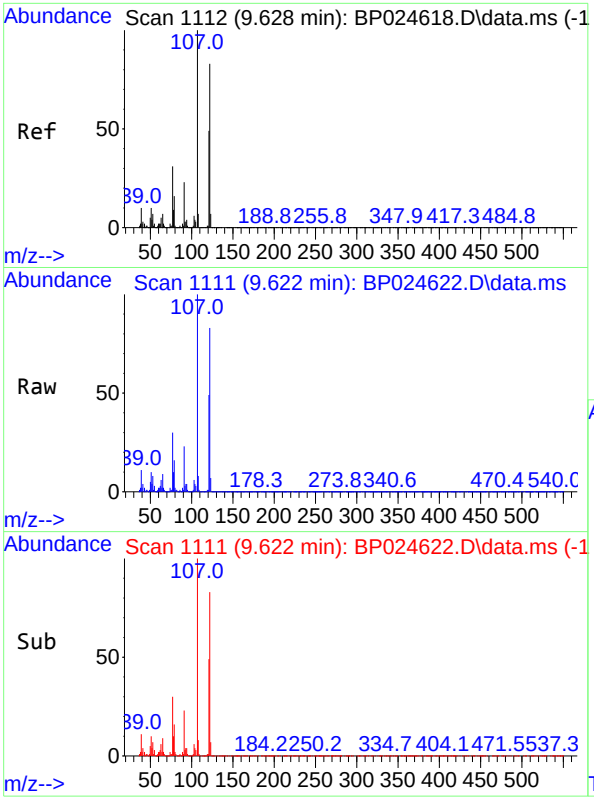


#26
2-Nitrophenol
Concen: 41.12 ng
RT: 9.557 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 218211

Ion	Ratio	Lower	Upper
139	100		
109	34.0	25.9	38.9
65	51.3	37.9	56.9

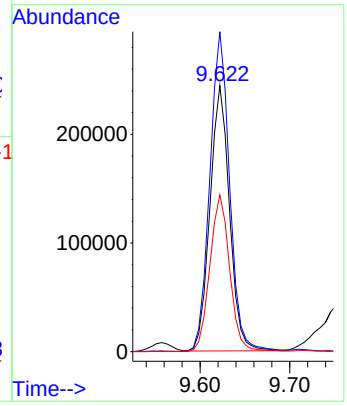




#27
2,4-Dimethylphenol
Concen: 39.48 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:122 Resp: 369418

Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.2
121	58.9	47.6	71.4



Instrument :
BNA_P
ClientSampleId :
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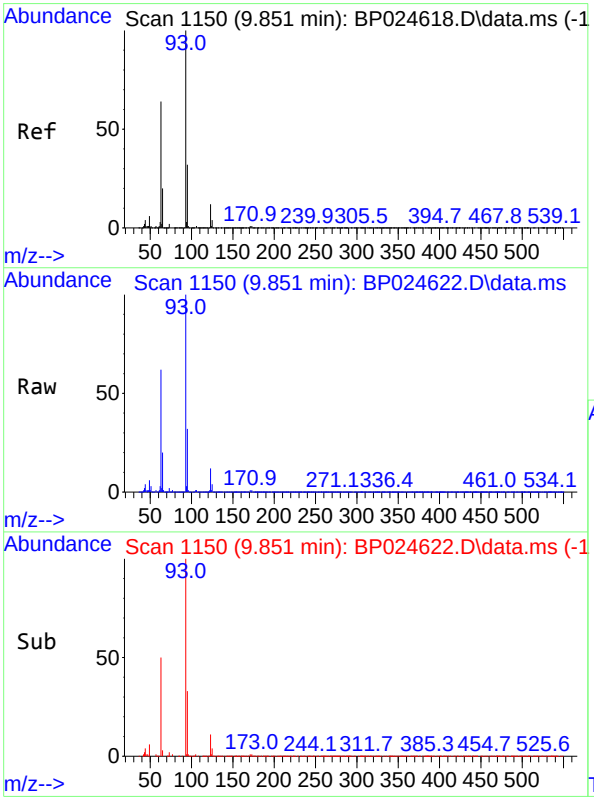
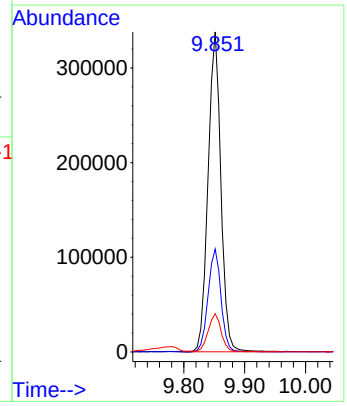
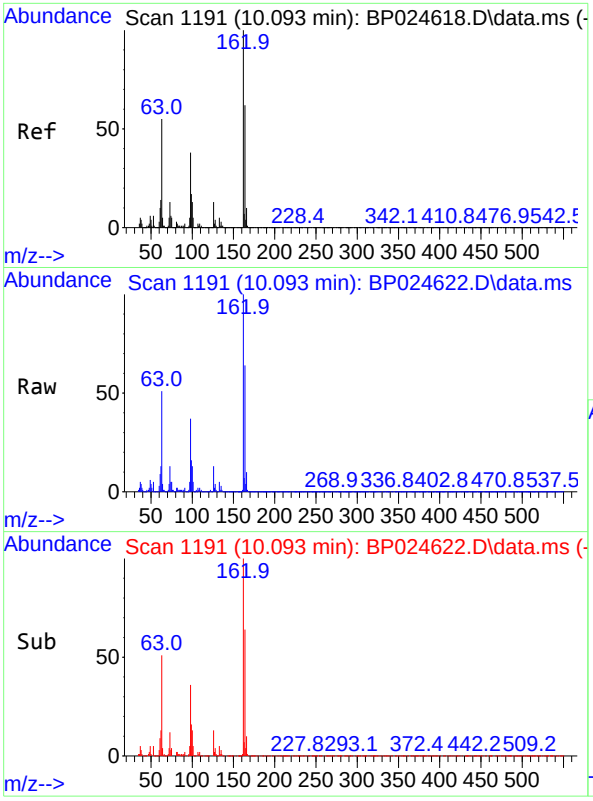


#28
bis(2-Chloroethoxy)methane
Concen: 38.71 ng
RT: 9.851 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 93 Resp: 493722

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.0	9.7	14.5

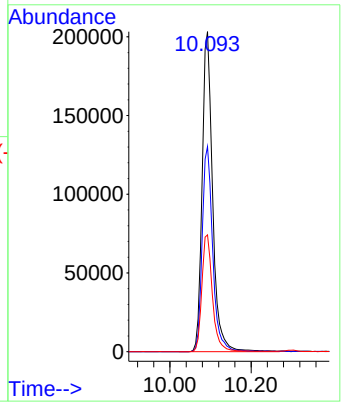




#29
2,4-Dichlorophenol
Concen: 40.19 ng
RT: 10.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:162 Resp: 36437

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	36.5	18.4	58.4



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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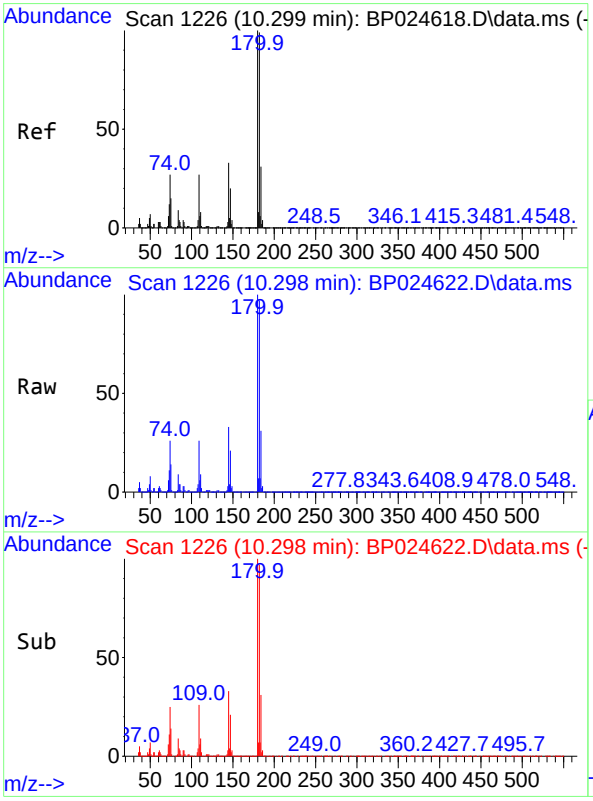
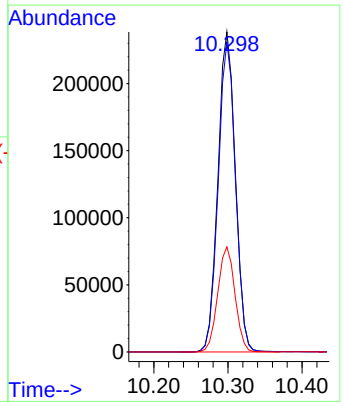
Supervised By :Jagrut Upadhyay 05/14/2025

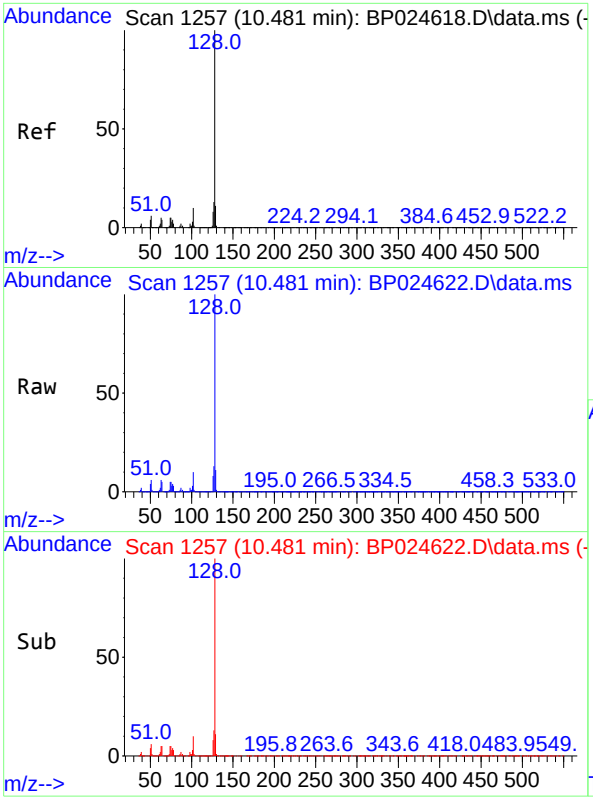


#30
1,2,4-Trichlorobenzene
Concen: 38.11 ng
RT: 10.298 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:180 Resp: 389362

Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.0	118.4
145	32.9	26.6	39.8

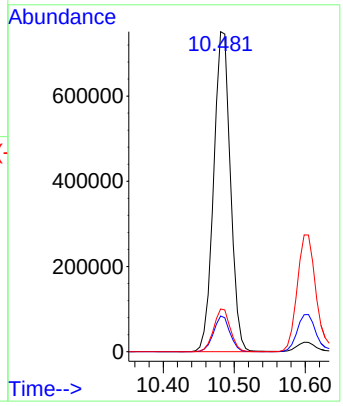




#31
Naphthalene
Concen: 38.07 ng
RT: 10.481 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:128 Resp: 122662

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.7	16.1



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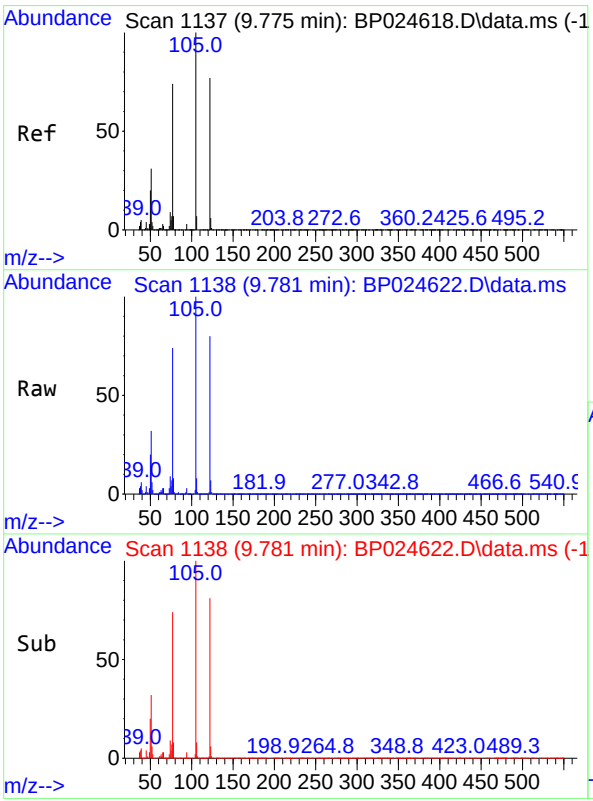
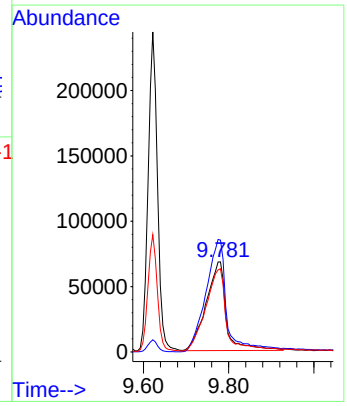
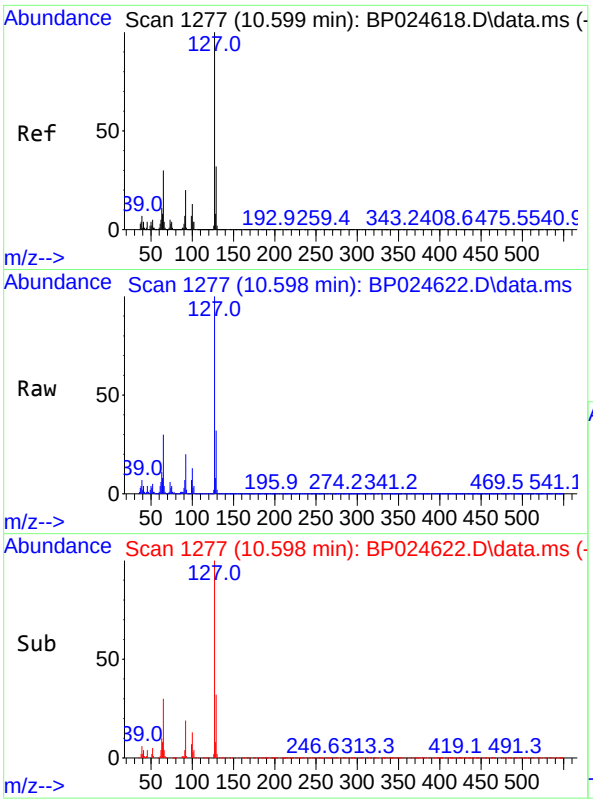


#32
Benzoic acid
Concen: 36.46 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:122 Resp: 223660

Ion	Ratio	Lower	Upper
122	100		
105	124.2	106.9	146.9
77	92.5	75.1	115.1

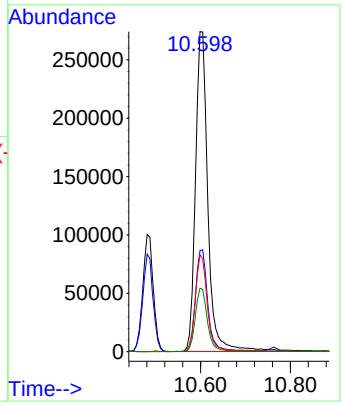




#33
4-Chloroaniline
Concen: 40.37 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:127 Resp: 52487

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.8	38.6
65	30.3	23.9	35.9
92	19.9	16.1	24.1



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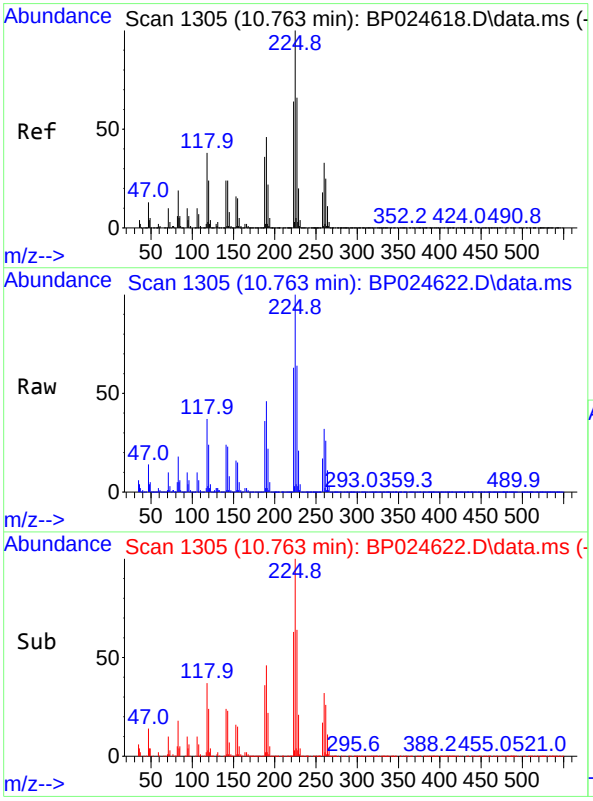
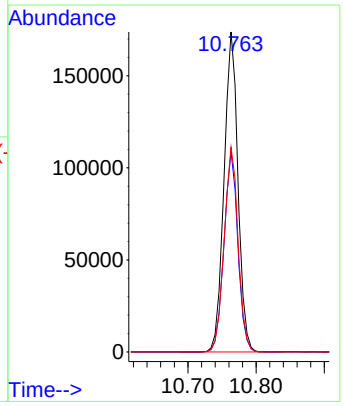
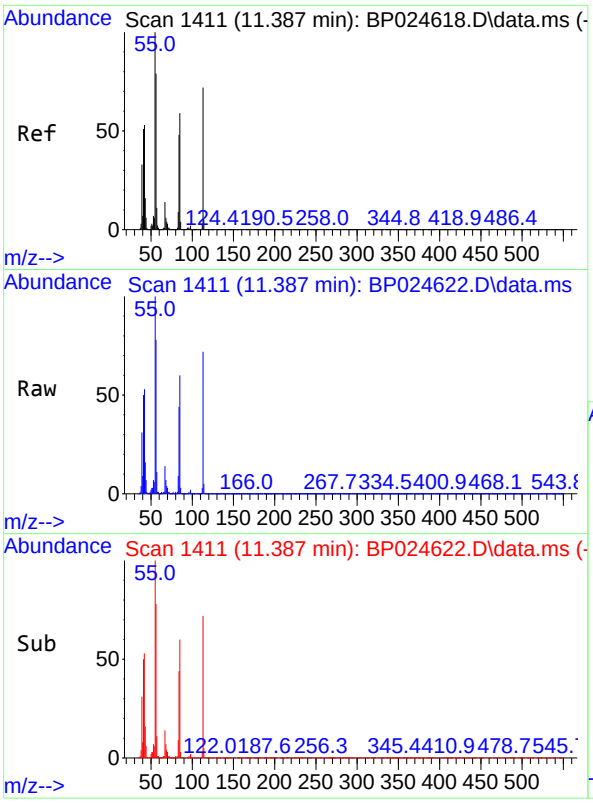


#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 10.763 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:225 Resp: 246776

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.0	76.6
227	64.0	53.1	79.7

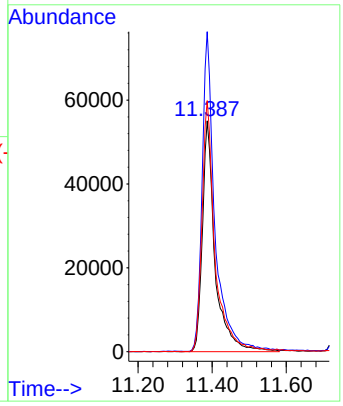




#35
Caprolactam
Concen: 39.75 ng
RT: 11.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:113 Resp: 13039

Ion	Ratio	Lower	Upper
113	100		
55	138.6	119.0	159.0
56	108.8	90.3	130.3



Instrument :
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ICVBP051325

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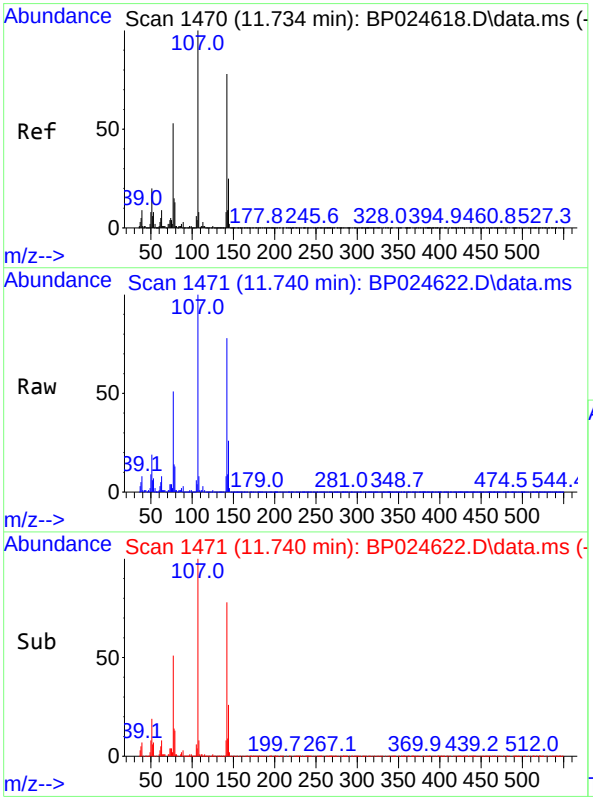
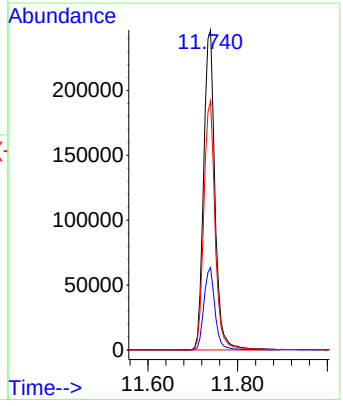
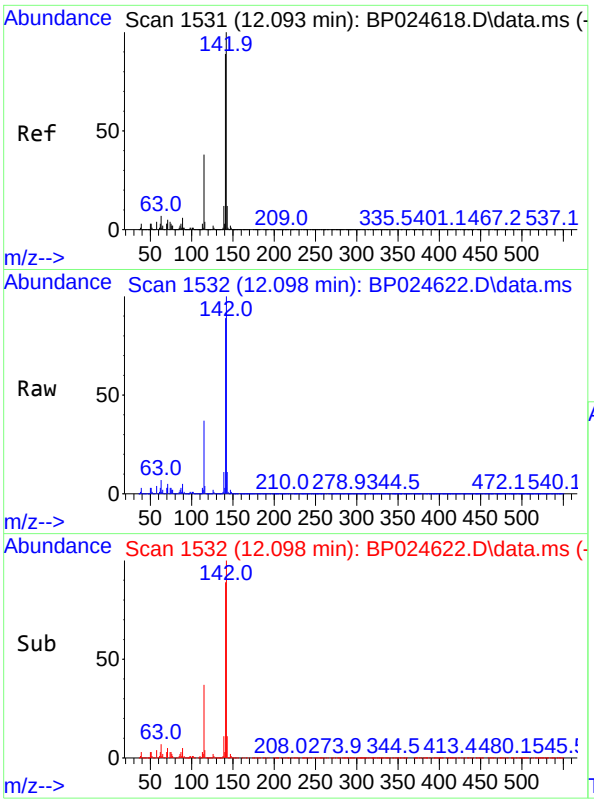


#36
4-Chloro-3-methylphenol
Concen: 39.01 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:107 Resp: 431344

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.1	30.1
142	77.8	62.1	93.1

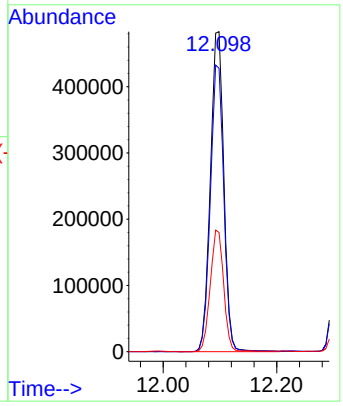




#37
2-Methylnaphthalene
Concen: 37.85 ng
RT: 12.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 78972

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.2	106.8
115	37.2	30.6	46.0



Instrument :
BNA_P
ClientSampleId :
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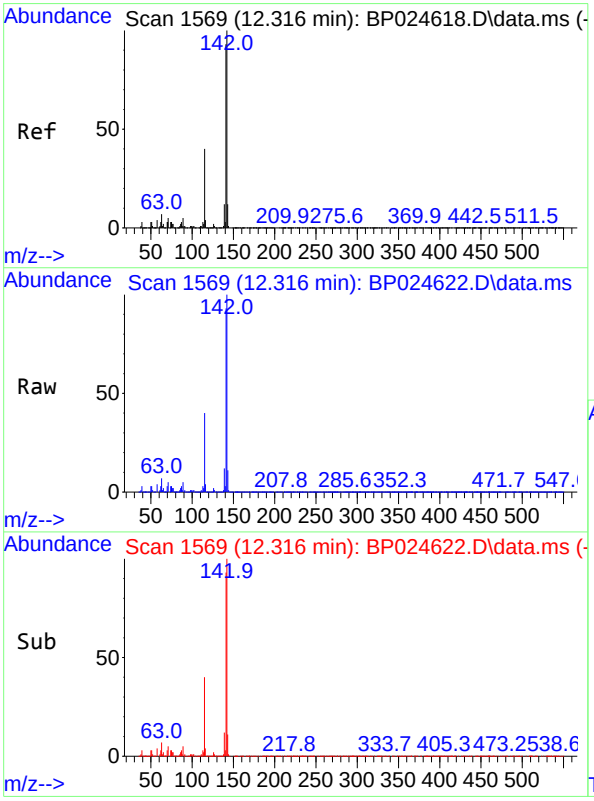
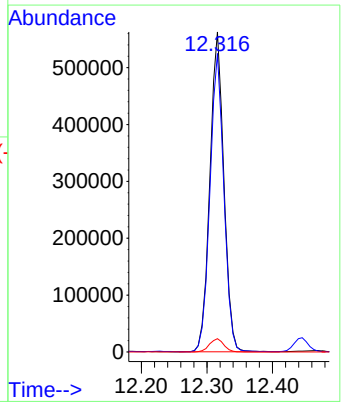
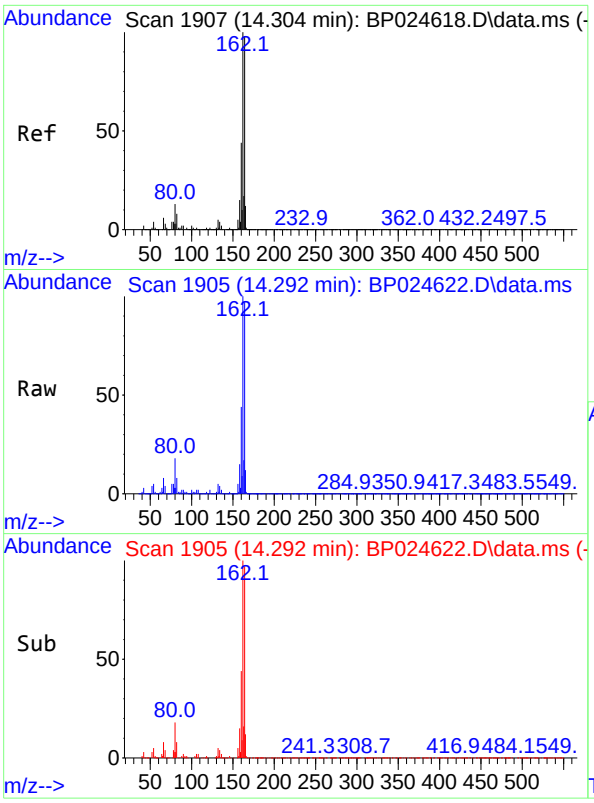


#38
1-Methylnaphthalene
Concen: 37.34 ng
RT: 12.316 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:142 Resp: 833521

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.7	112.1
116	4.2	3.4	5.2

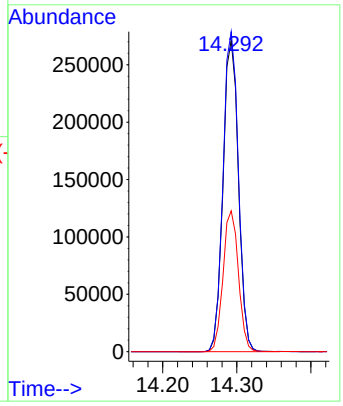




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.292 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:164 Resp: 39111

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.6
160	45.2	36.3	54.5



Instrument :
BNA_P
ClientSampleId :
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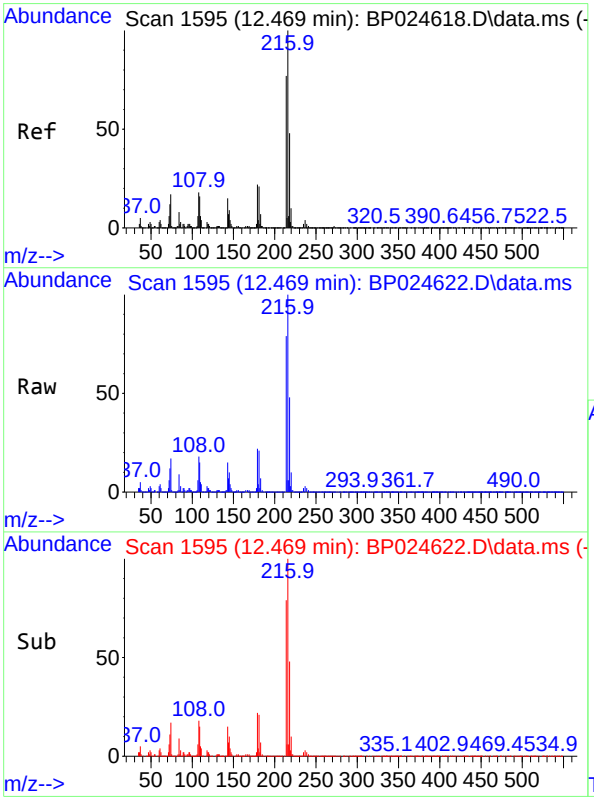
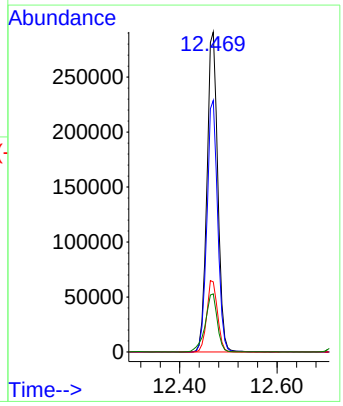
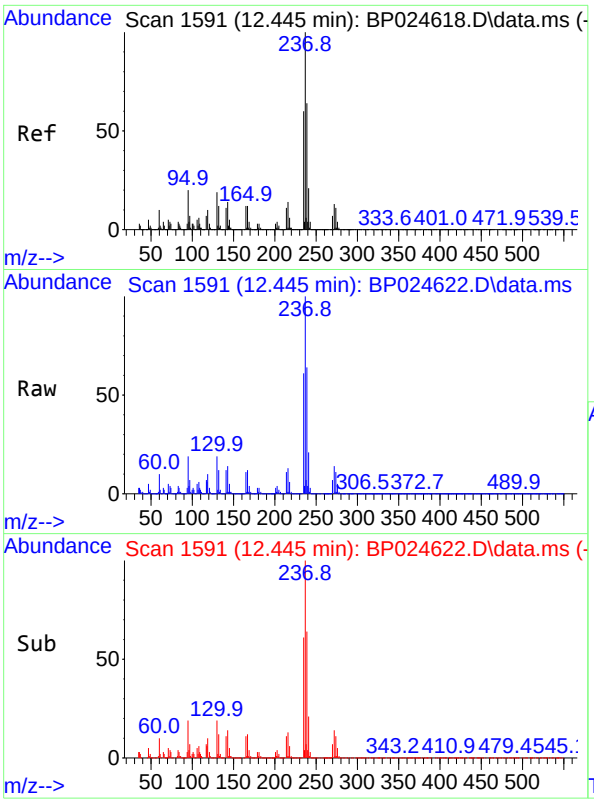


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.13 ng
RT: 12.469 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:216 Resp: 444420

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.2	17.7	26.5
108	20.3	16.0	24.0

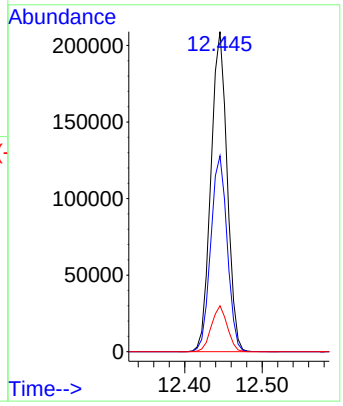




#41
Hexachlorocyclopentadiene
Concen: 44.37 ng
RT: 12.445 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:237 Resp: 30557

Ion	Ratio	Lower	Upper
237	100		
235	61.2	39.9	79.9
272	14.3	0.0	33.2



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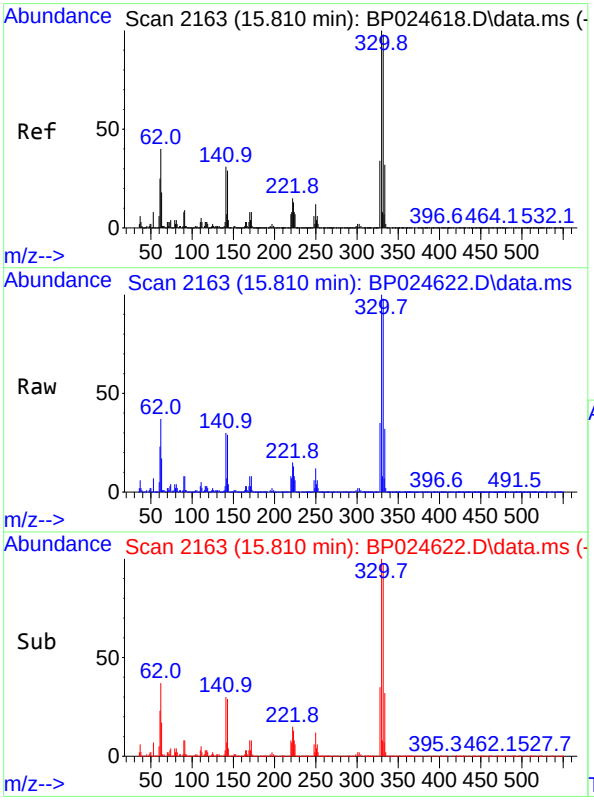
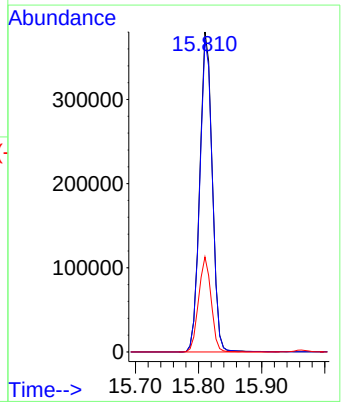
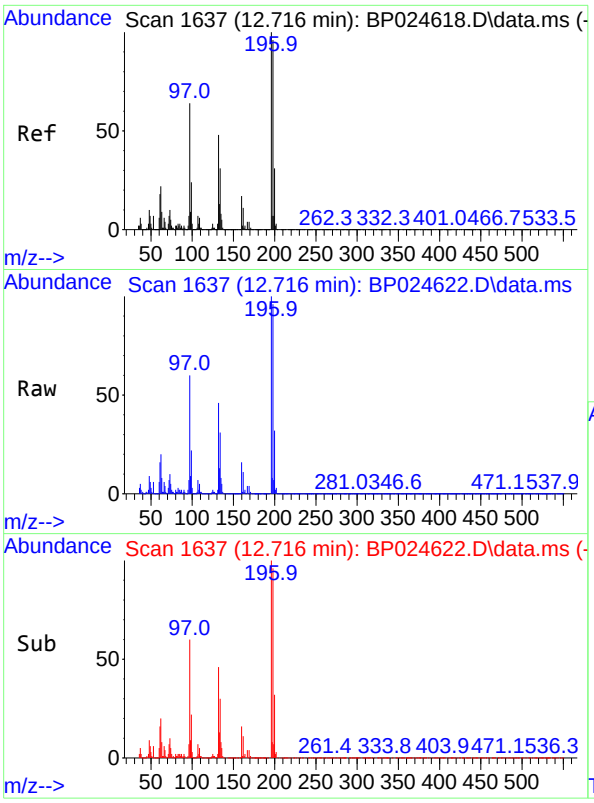


#42
2,4,6-Tribromophenol
Concen: 78.53 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:330 Resp: 520660

Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.2	117.4
141	29.8	24.3	36.5

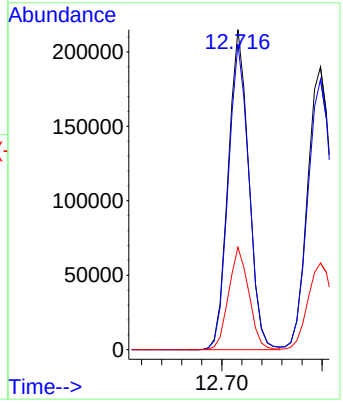




#43
2,4,6-Trichlorophenol
Concen: 41.55 ng
RT: 12.716 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:196 Resp: 30565

Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.9	115.3
200	32.0	25.2	37.8



Instrument :
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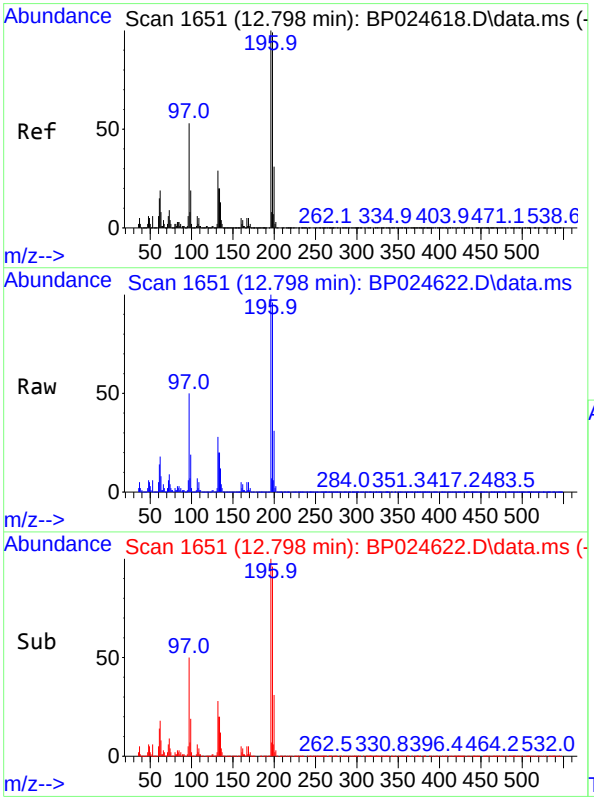
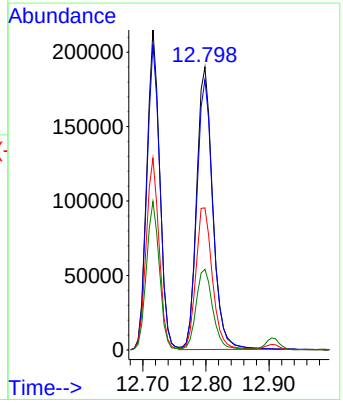
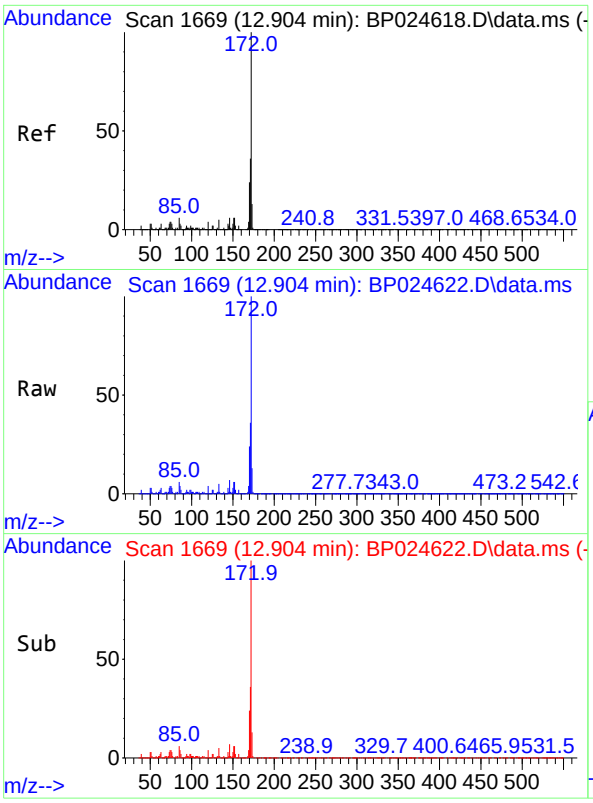


#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 12.798 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:196 Resp: 336252

Ion	Ratio	Lower	Upper
196	100		
198	95.6	79.2	118.8
97	50.2	42.3	63.5
132	28.5	23.3	34.9

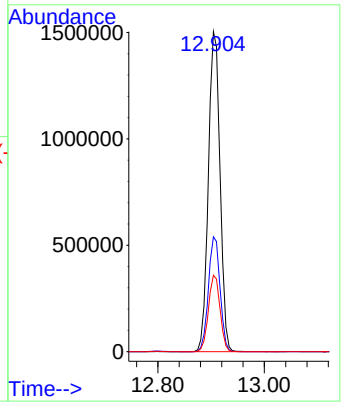




#45
2-Fluorobiphenyl
Concen: 76.73 ng
RT: 12.904 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:172 Resp: 229071

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.9	18.8	28.2



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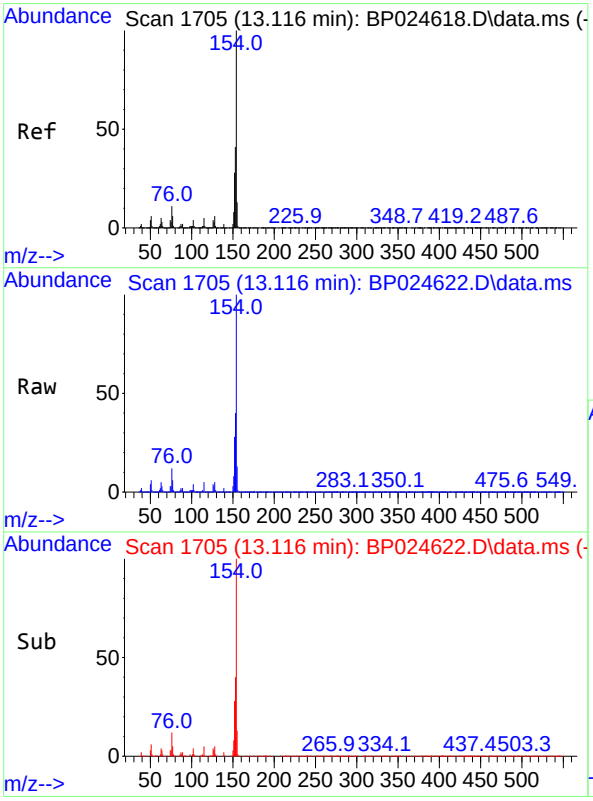
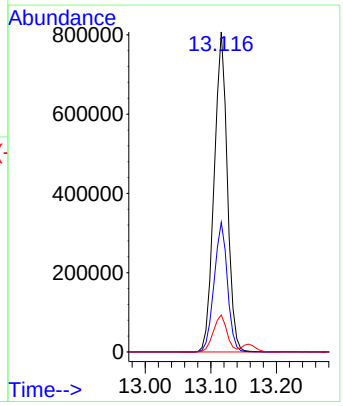
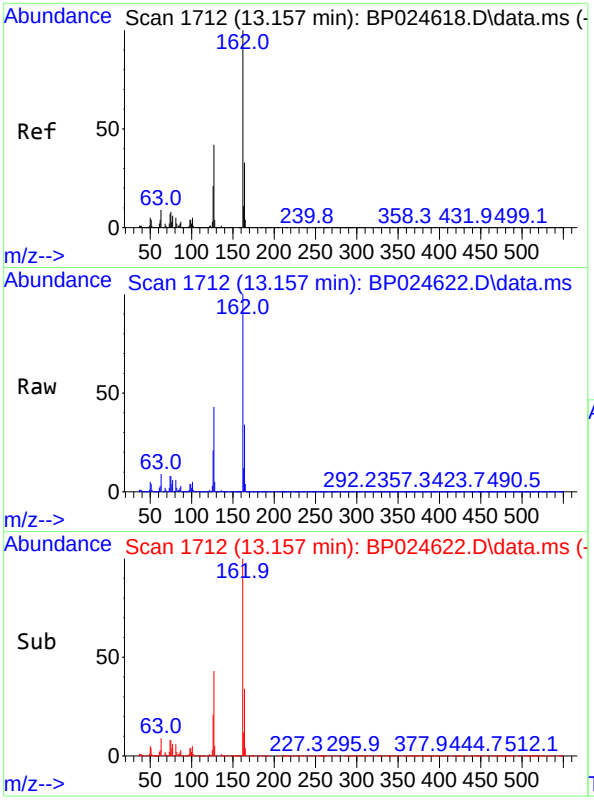


#46
1,1'-Biphenyl
Concen: 38.91 ng
RT: 13.116 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 1124669

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.0	61.0
76	11.5	0.0	31.5

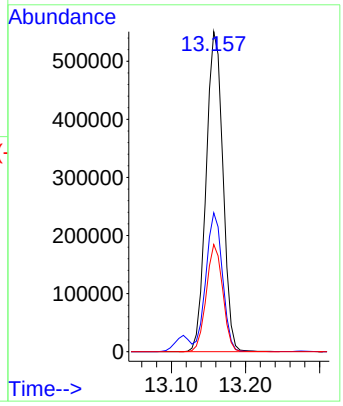




#47
2-Chloronaphthalene
Concen: 39.24 ng
RT: 13.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:162 Resp: 86485

Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.8	50.6
164	33.5	26.0	39.0



Instrument :
BNA_P
ClientSampleId :
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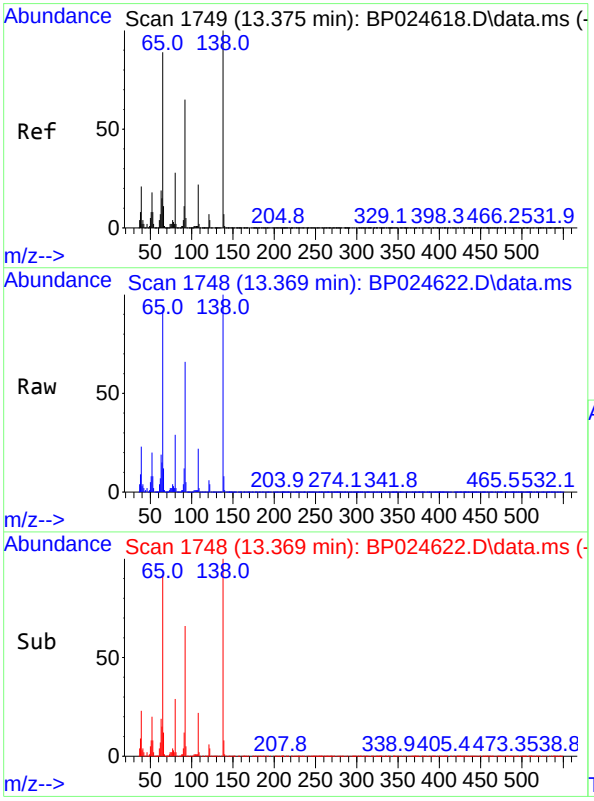
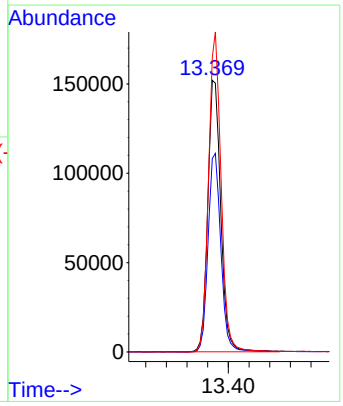
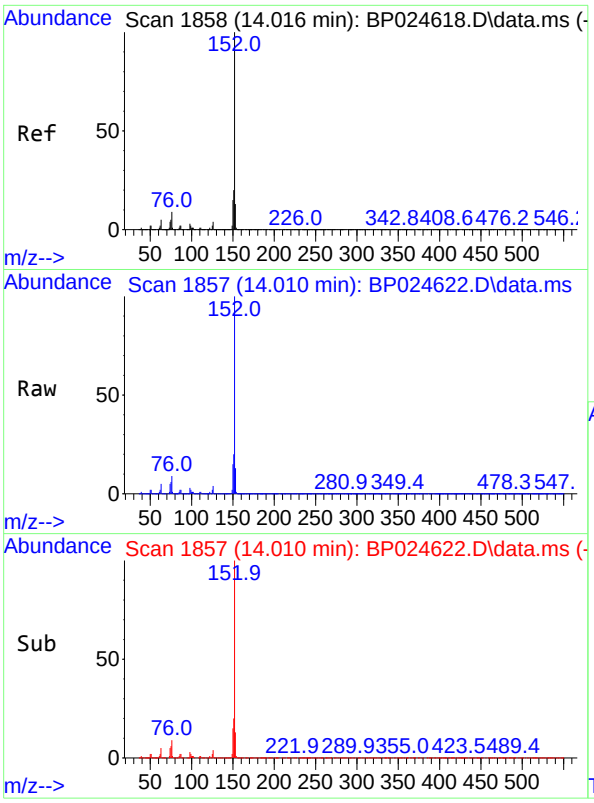


#48
2-Nitroaniline
Concen: 40.60 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 65 Resp: 264965

Ion	Ratio	Lower	Upper
65	100		
92	71.2	58.7	88.1
138	108.5	90.2	135.2

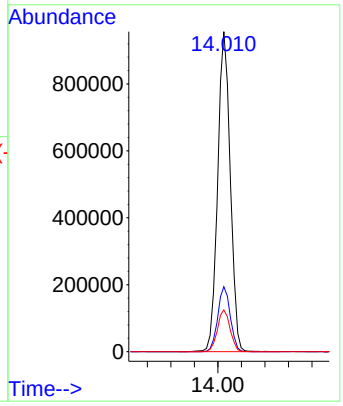




#49
Acenaphthylene
Concen: 38.49 ng
RT: 14.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:152 Resp: 141982

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.0	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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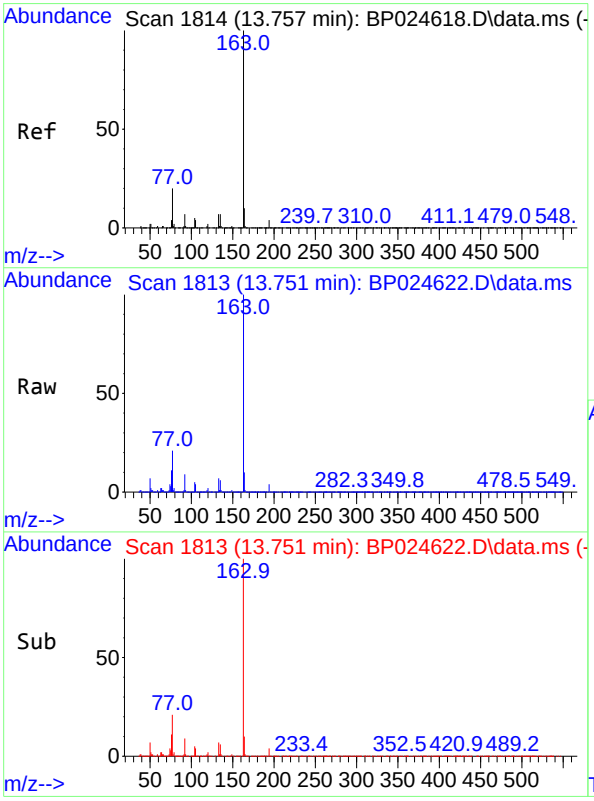
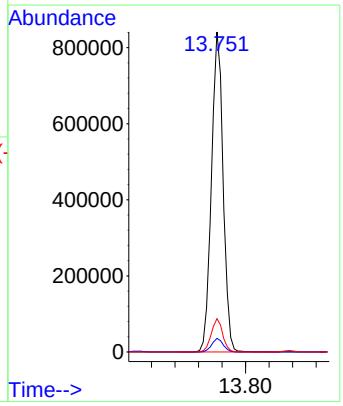
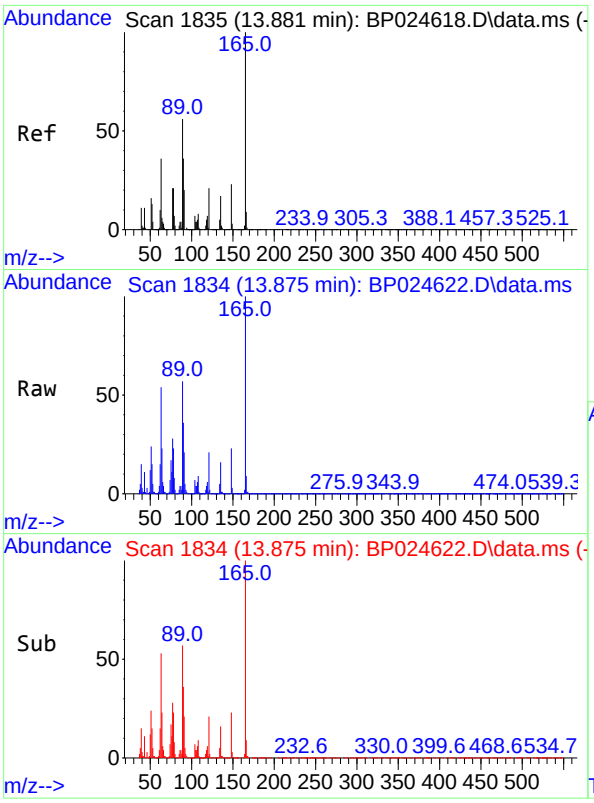


#50
Dimethylphthalate
Concen: 38.75 ng
RT: 13.751 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:163 Resp: 1155211

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.4	8.1	12.1

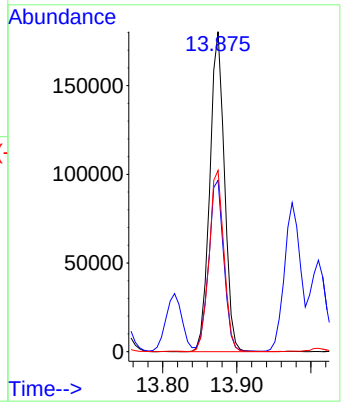




#51
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 13.875 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:165 Resp: 24753

Ion	Ratio	Lower	Upper
165	100		
63	53.5	42.4	63.6
89	56.6	44.8	67.2



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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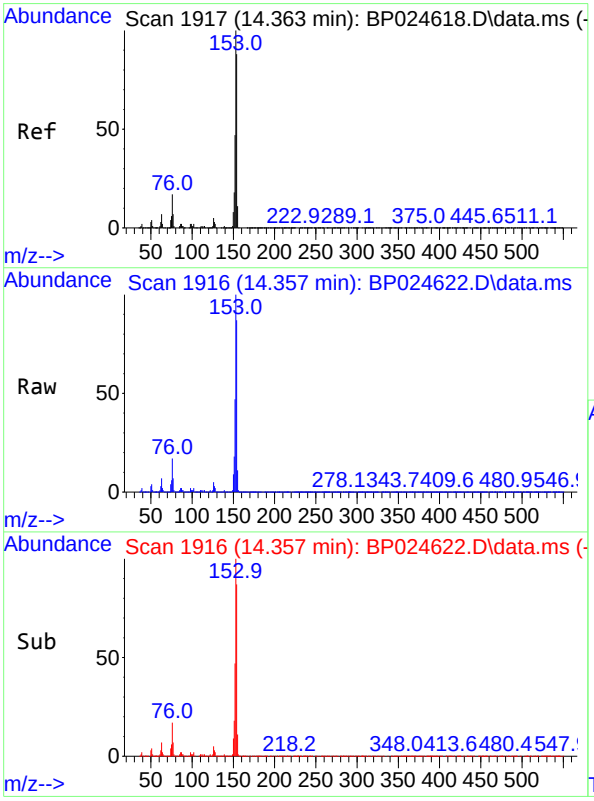
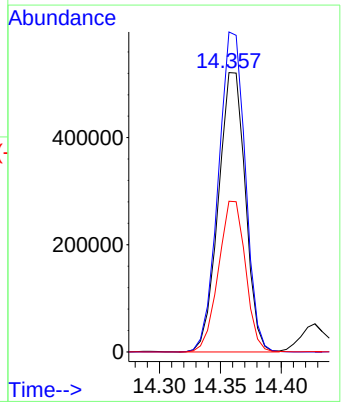
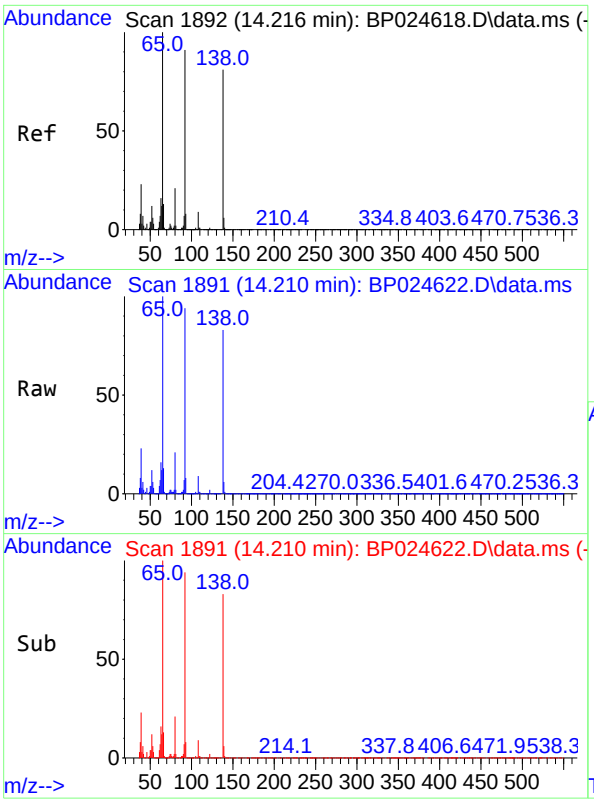


#52
Acenaphthene
Concen: 37.90 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:154 Resp: 803755

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.0	136.4
152	54.0	42.9	64.3

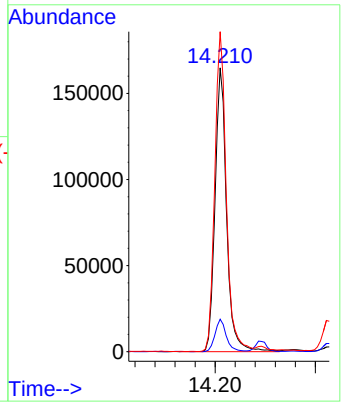




#53
3-Nitroaniline
Concen: 40.87 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:138 Resp: 26273

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	112.7	90.1	135.1



Instrument :
BNA_P
ClientSampleId :
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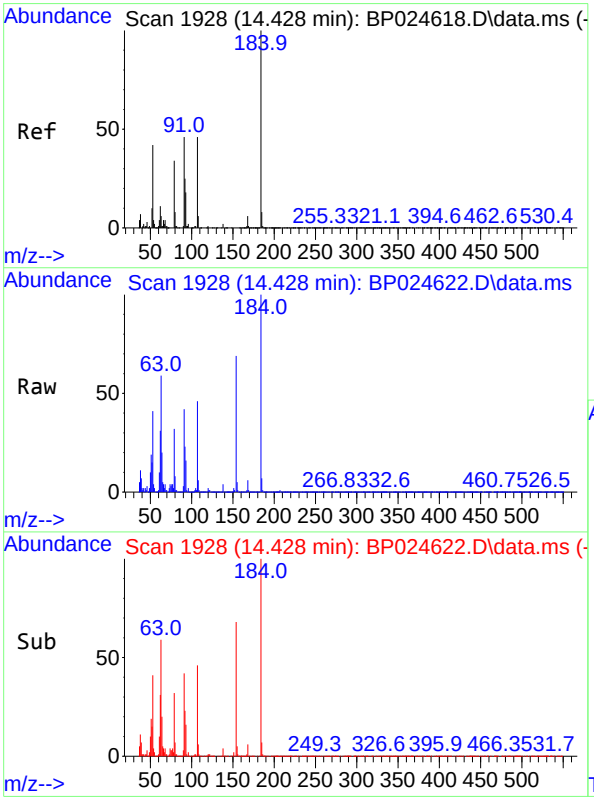
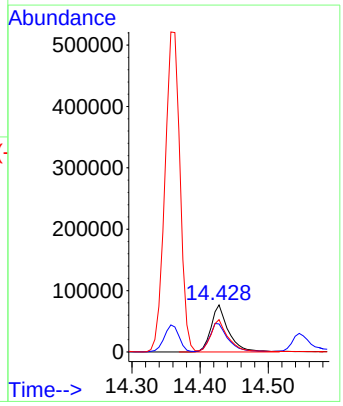
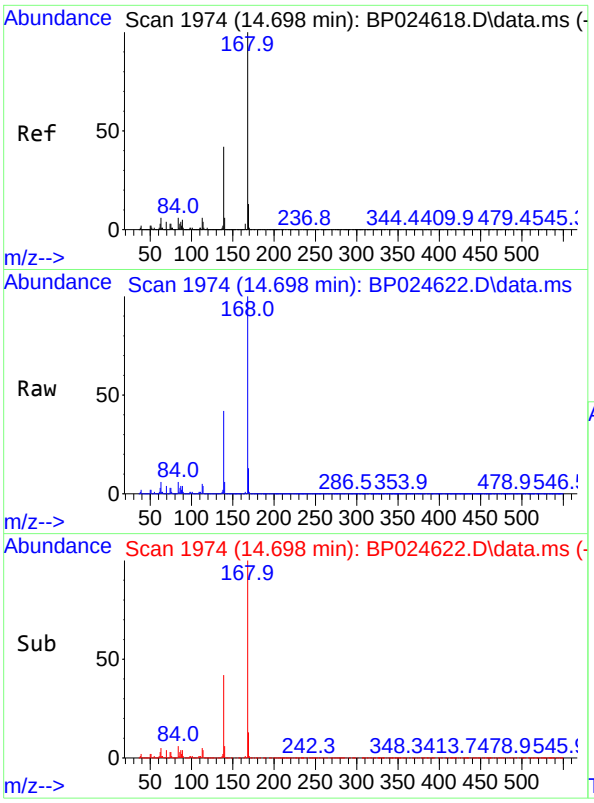


#54
2,4-Dinitrophenol
Concen: 37.83 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:184 Resp: 135624

Ion	Ratio	Lower	Upper
184	100		
63	59.3	51.3	76.9
154	68.5	53.5	80.3

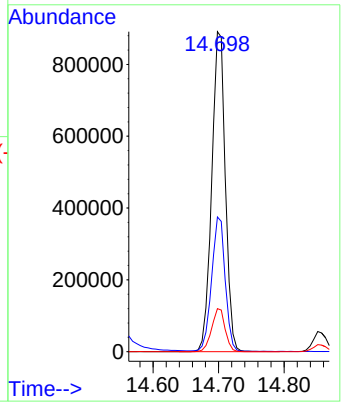




#55
Dibenzofuran
Concen: 37.91 ng
RT: 14.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:168 Resp: 128222

Ion	Ratio	Lower	Upper
168	100		
139	42.1	34.2	51.4
169	13.5	10.8	16.2



Instrument :
BNA_P
ClientSampleId :
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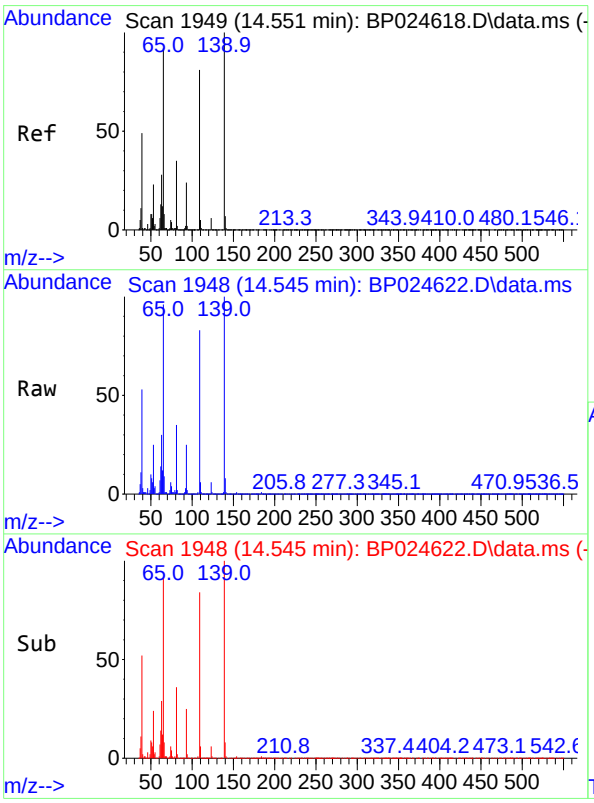
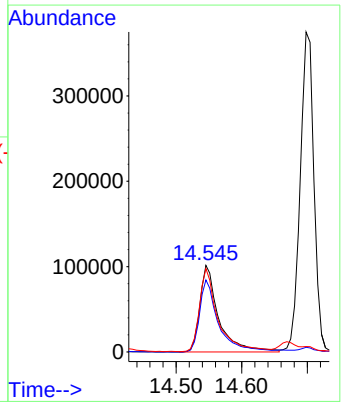
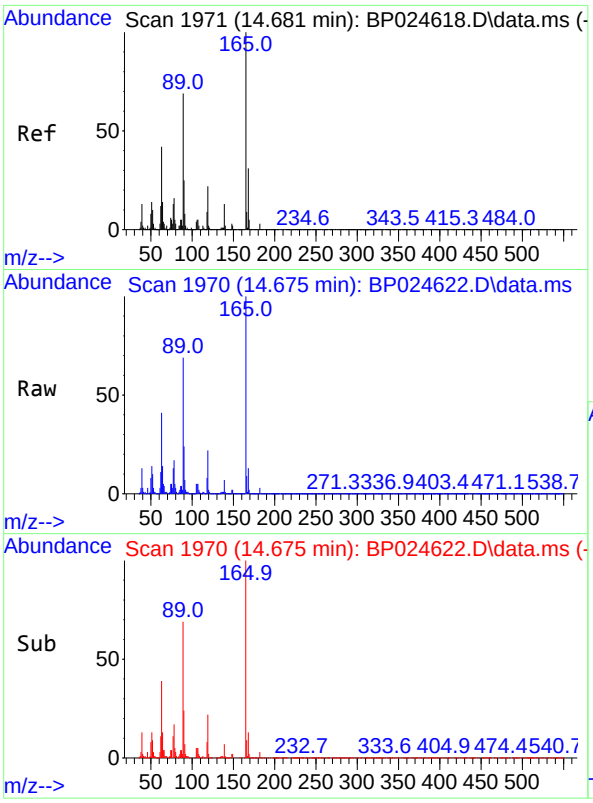


#56
4-Nitrophenol
Concen: 38.70 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:139 Resp: 202528

Ion	Ratio	Lower	Upper
139	100		
109	83.2	61.4	101.4
65	96.3	72.2	112.2

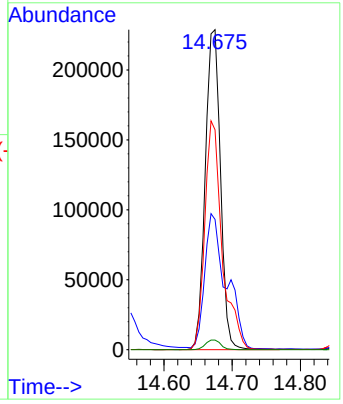




#57
2,4-Dinitrotoluene
Concen: 39.97 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:165 Resp: 35481

Ion	Ratio	Lower	Upper
165	100		
63	40.7	33.8	50.6
89	68.7	55.6	83.4
182	3.0	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
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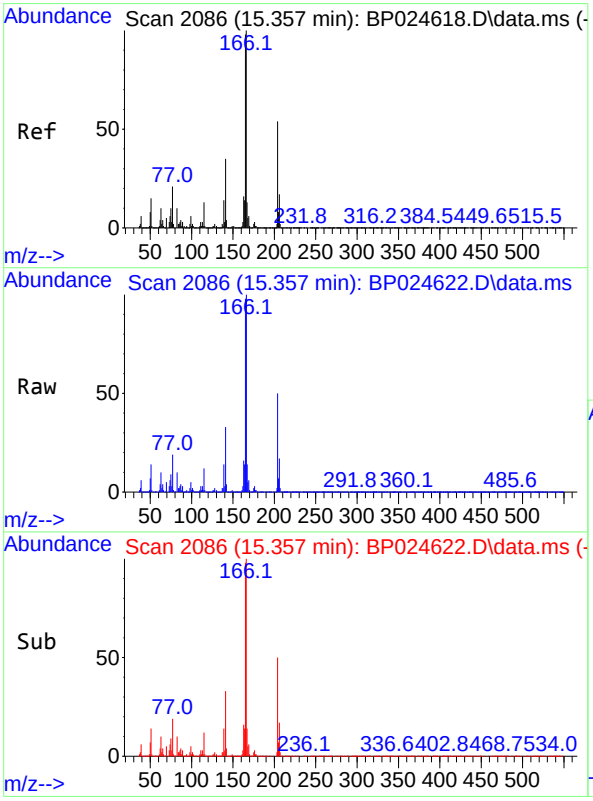
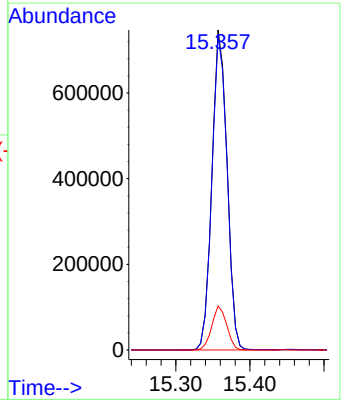
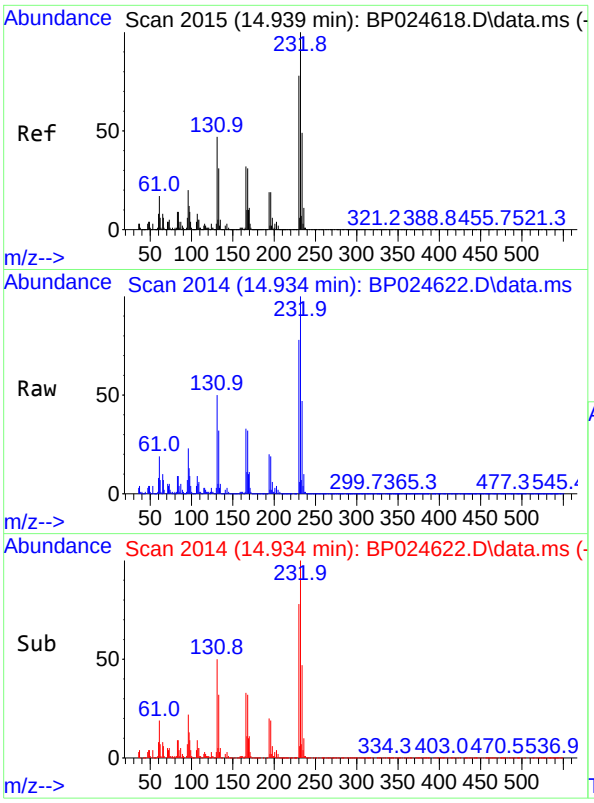


#58
Fluorene
Concen: 38.42 ng
RT: 15.357 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:166 Resp: 1059642

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.5	117.7
167	13.8	10.7	16.1

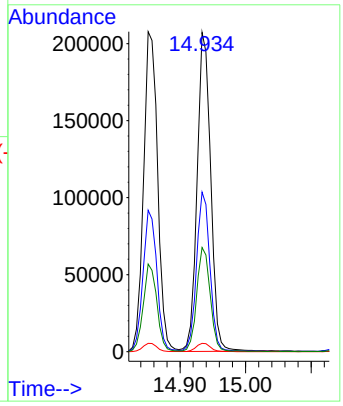




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.27 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:232 Resp: 29832

Ion	Ratio	Lower	Upper
232	100		
131	48.9	39.5	59.3
130	2.8	2.2	3.4
166	32.5	25.7	38.5



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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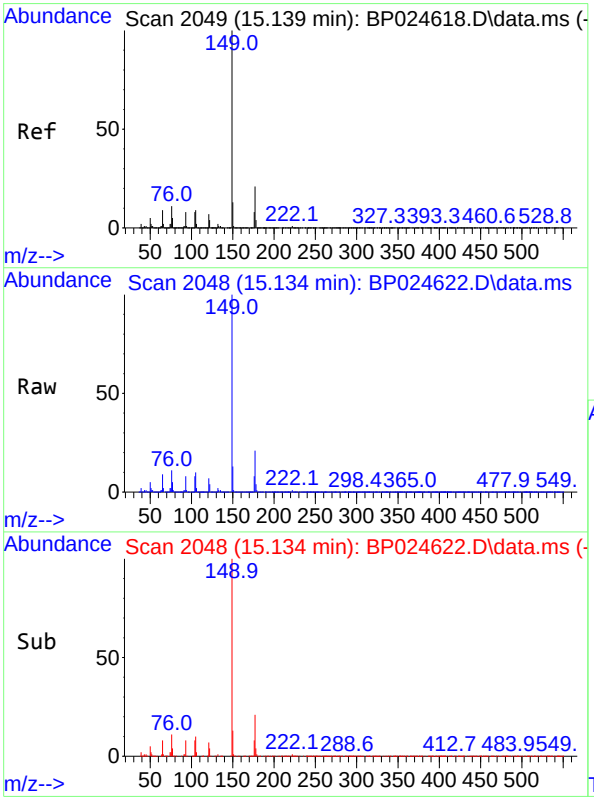
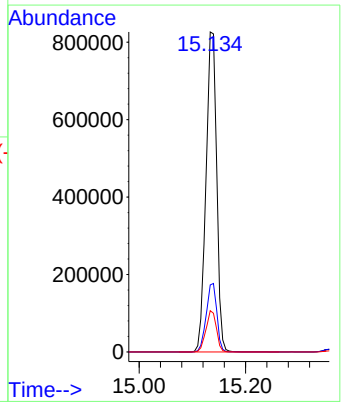
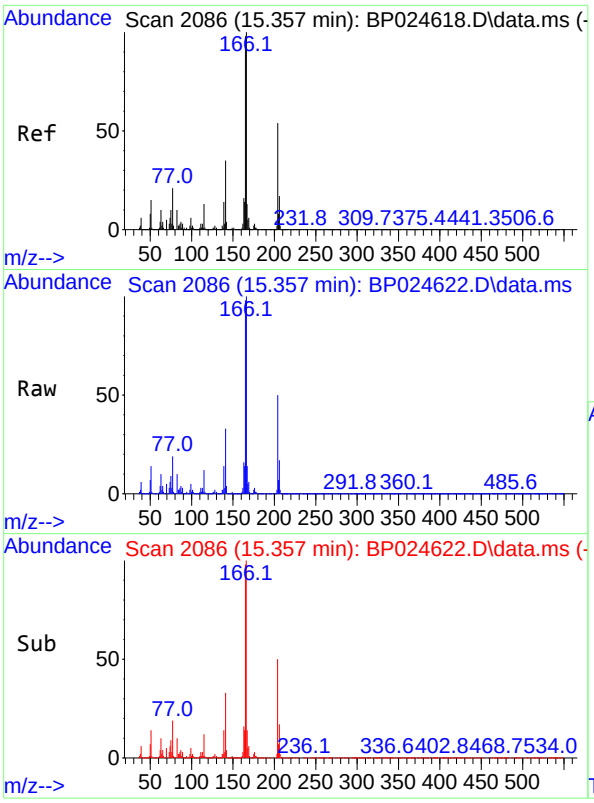


#60
Diethylphthalate
Concen: 38.17 ng
RT: 15.134 min Scan# 2048
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1150091

Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.9	10.2	15.2

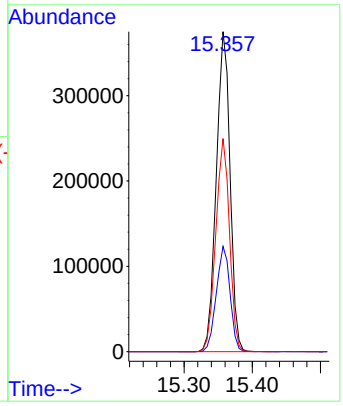




#61
4-Chlorophenyl-phenylether
Concen: 38.25 ng
RT: 15.357 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:204 Resp: 52606

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	66.6	52.9	79.3



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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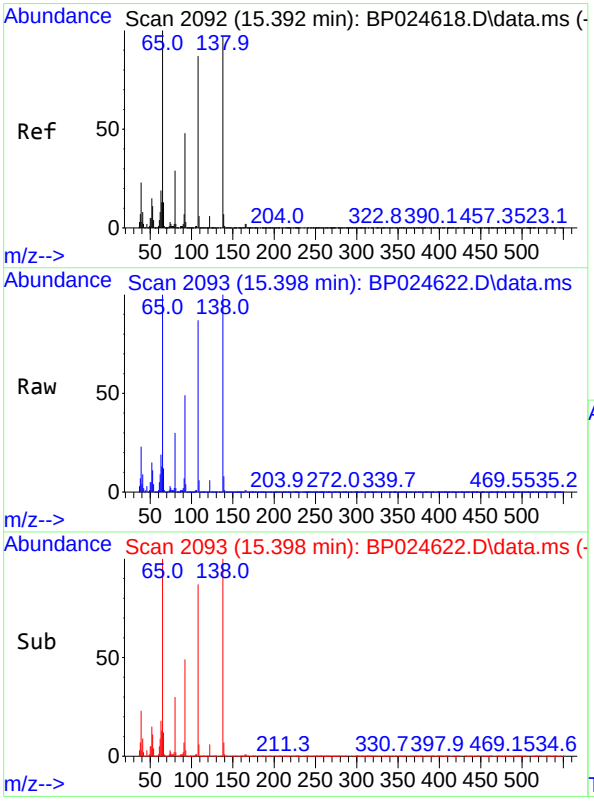
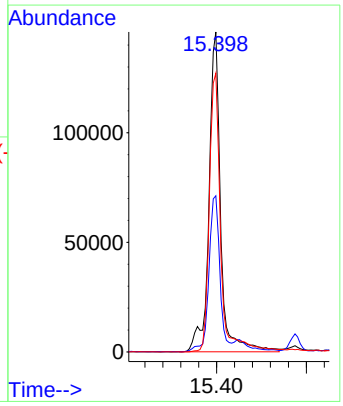
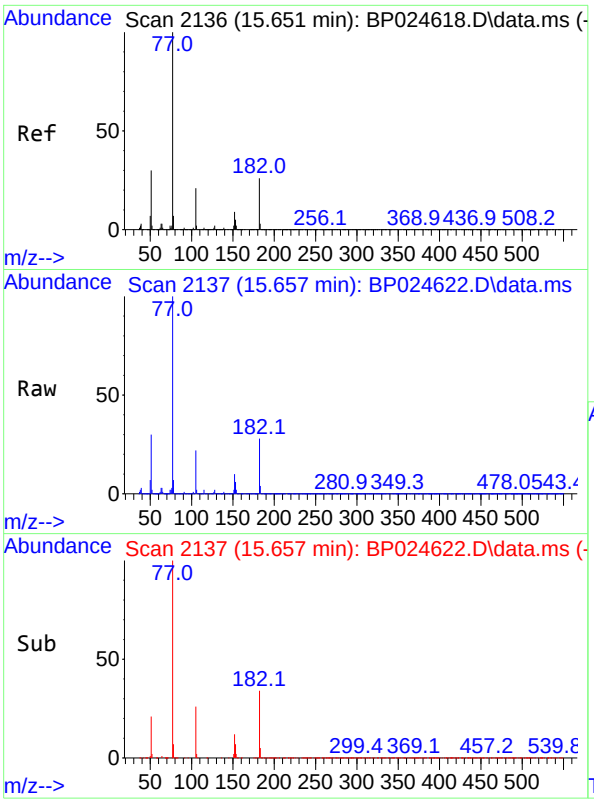


#62
4-Nitroaniline
Concen: 42.72 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:138 Resp: 265185

Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.2	69.2
108	87.1	69.0	109.0

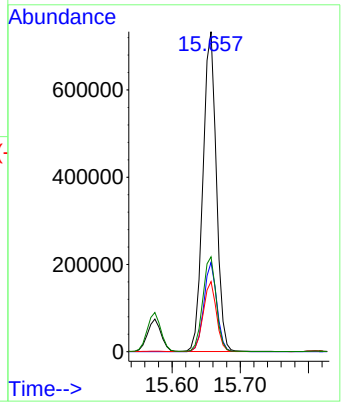




#63
Azobenzene
Concen: 38.82 ng
RT: 15.657 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion: 77 Resp: 100065

Ion	Ratio	Lower	Upper
77	100		
182	27.9	5.7	45.7
105	21.9	1.3	41.3
51	29.7	10.6	50.6



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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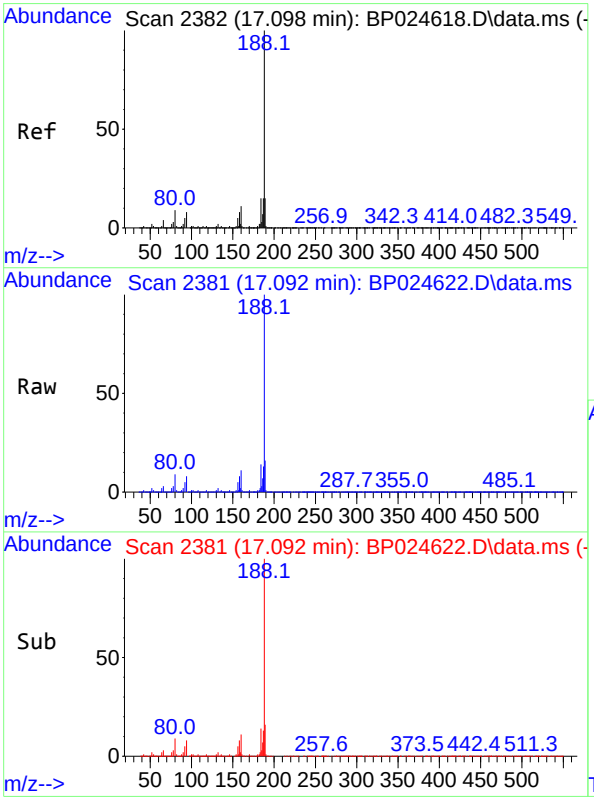
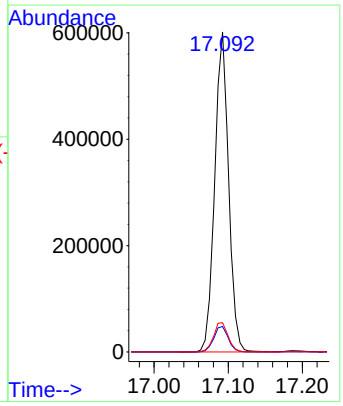
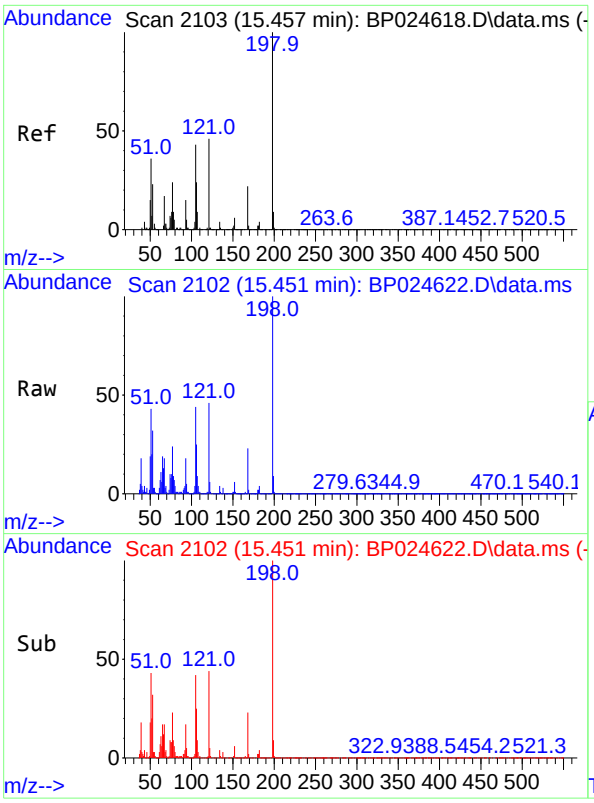


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:188 Resp: 780511

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.5	9.7
80	9.2	7.3	10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 40.30 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:198 Resp: 20320

Ion	Ratio	Lower	Upper
198	100		
51	43.2	21.1	61.1
105	43.8	23.6	63.6

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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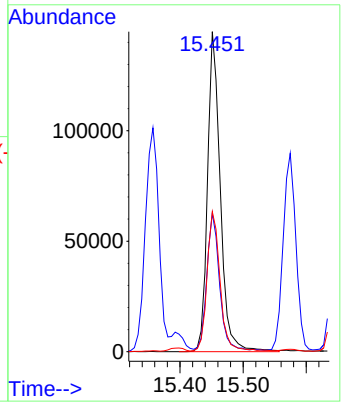
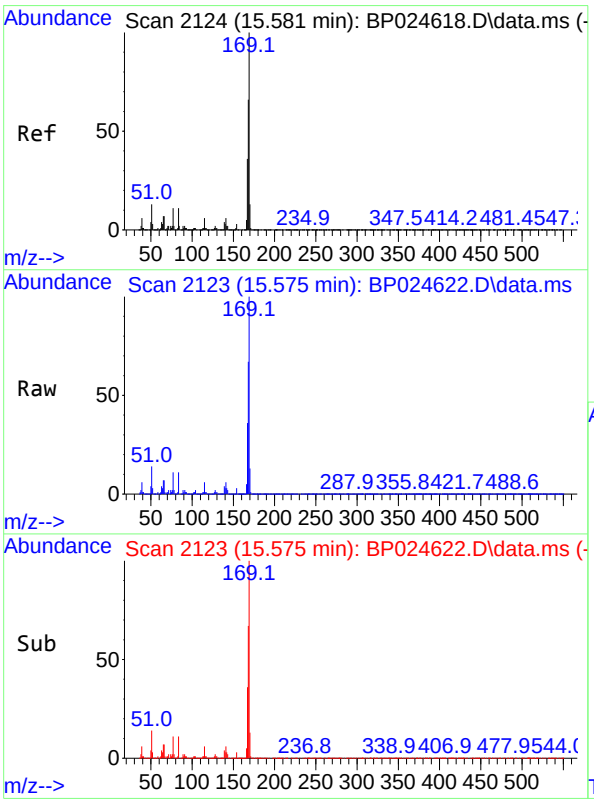
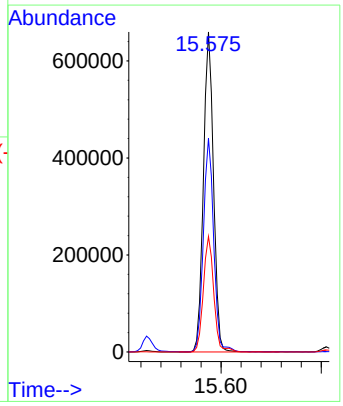


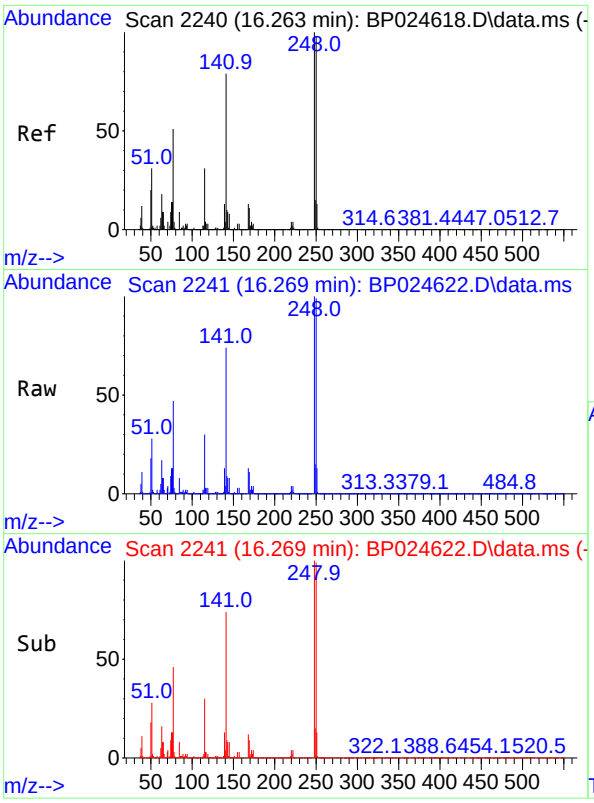


#66
n-Nitrosodiphenylamine
Concen: 38.38 ng
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:169 Resp: 920187

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	36.1	28.6	43.0

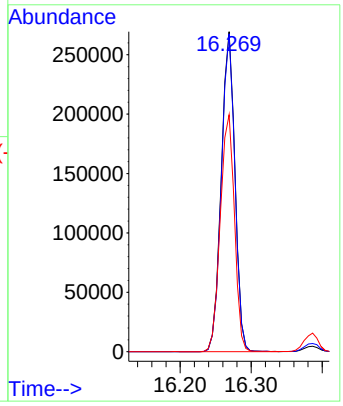




#67
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 16.269 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:248 Resp: 35784

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.4
141	74.1	63.0	94.6



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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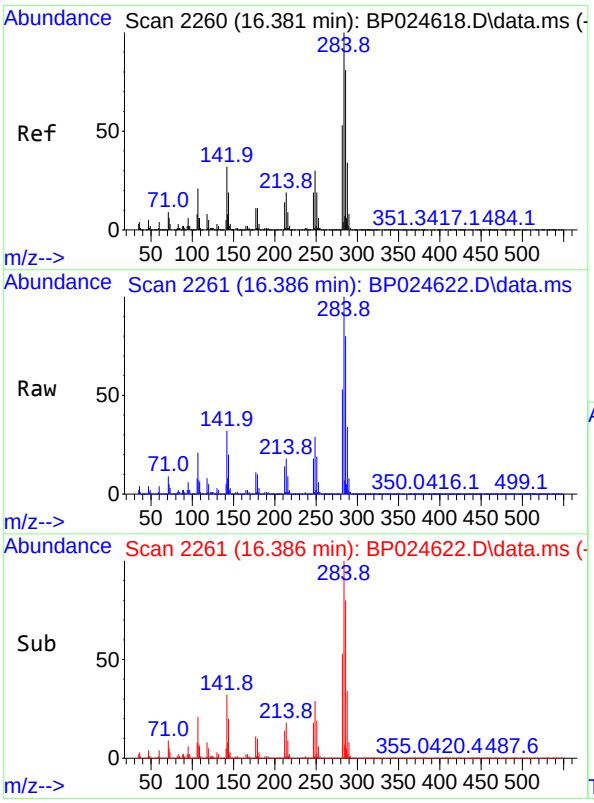
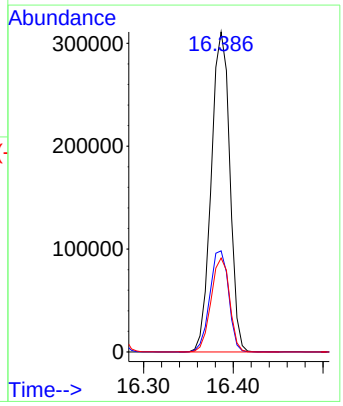
Supervised By :Jagrut Upadhyay 05/14/2025

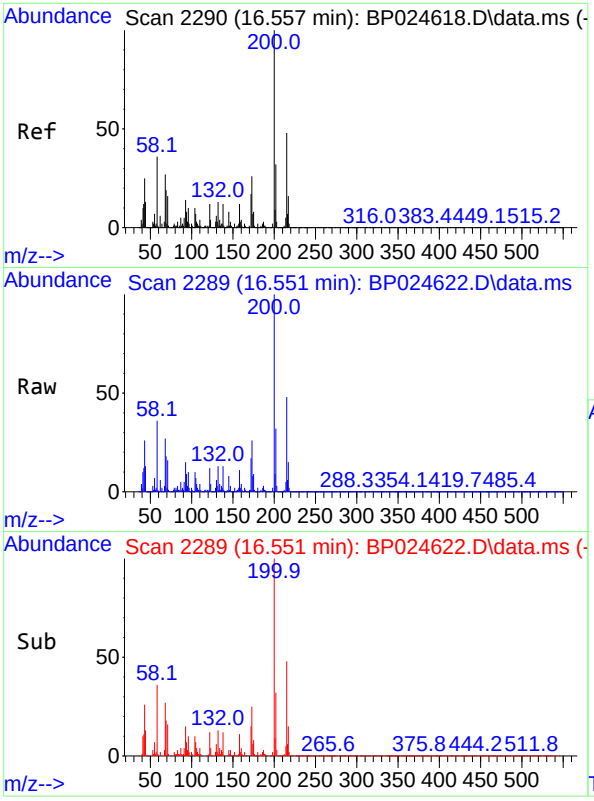


#68
Hexachlorobenzene
Concen: 38.18 ng
RT: 16.386 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:284 Resp: 446142

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.9	38.9
249	29.3	24.1	36.1

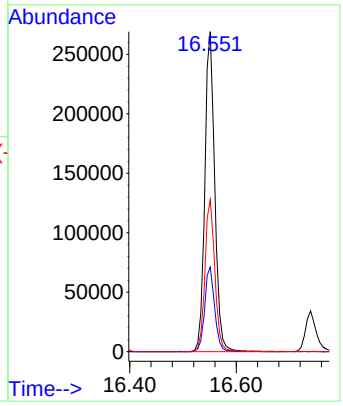




#69
Atrazine
Concen: 39.57 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:200 Resp: 34766

Ion	Ratio	Lower	Upper
200	100		
173	26.4	5.9	45.9
215	47.6	28.3	68.3



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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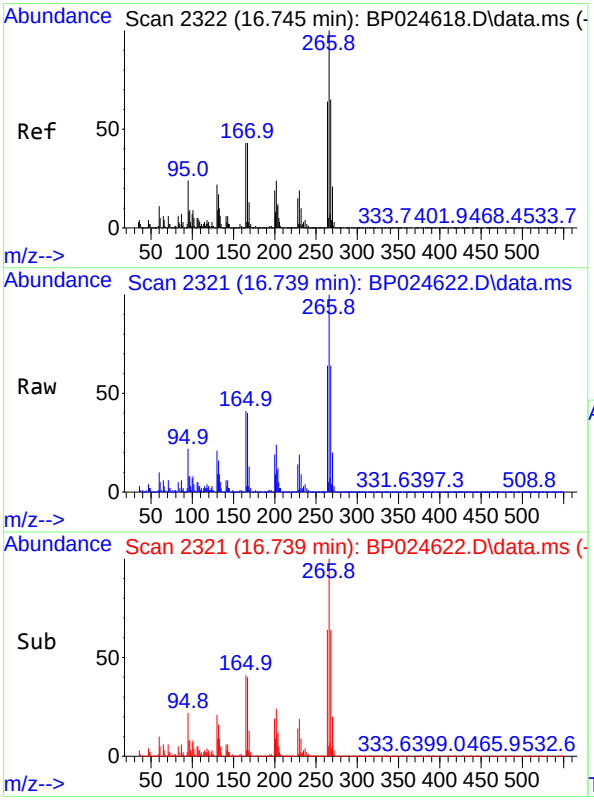
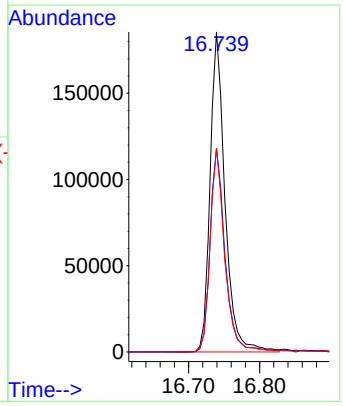
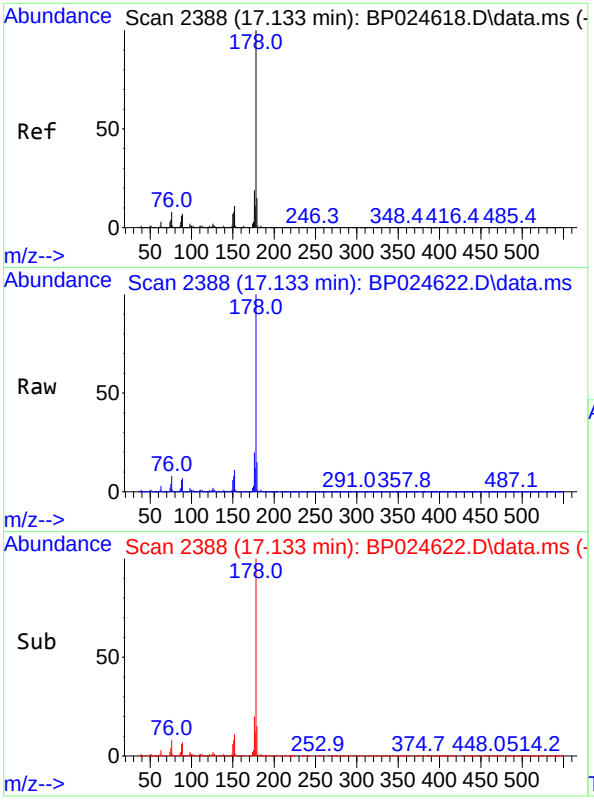


#70
Pentachlorophenol
Concen: 41.12 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:266 Resp: 269781

Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.2	78.4
264	63.6	51.1	76.7

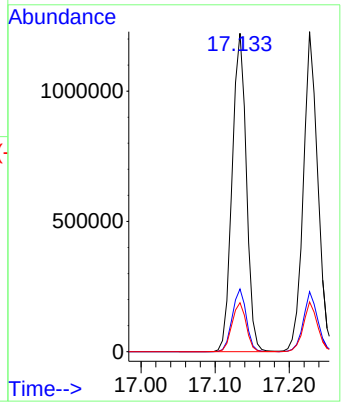




#71
Phenanthrene
Concen: 37.55 ng
RT: 17.133 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:178 Resp: 162911

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.4	12.2	18.4



Instrument :
BNA_P
ClientSampleId :
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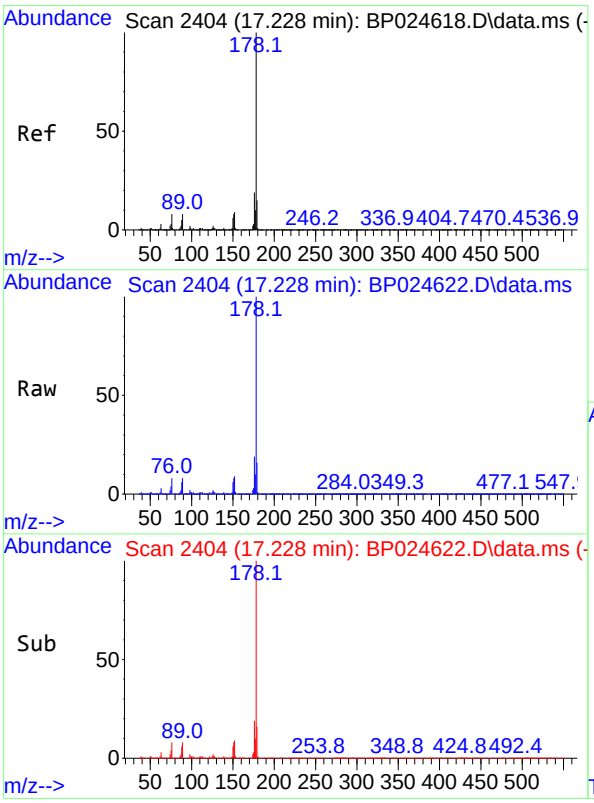
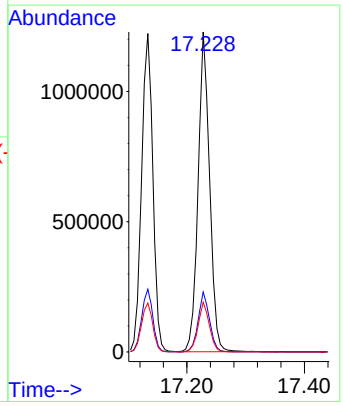
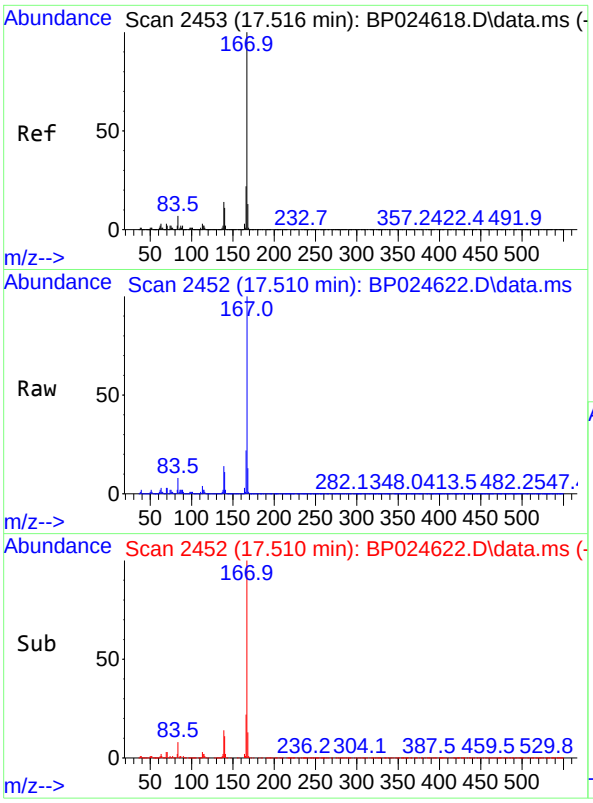


#72
Anthracene
Concen: 38.24 ng
RT: 17.228 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:178 Resp: 1669395

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2

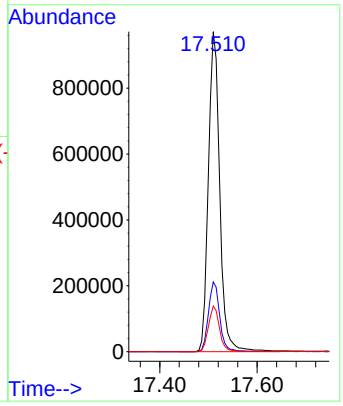




#73
Carbazole
Concen: 39.57 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:167 Resp: 156368

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	14.2	11.3	16.9



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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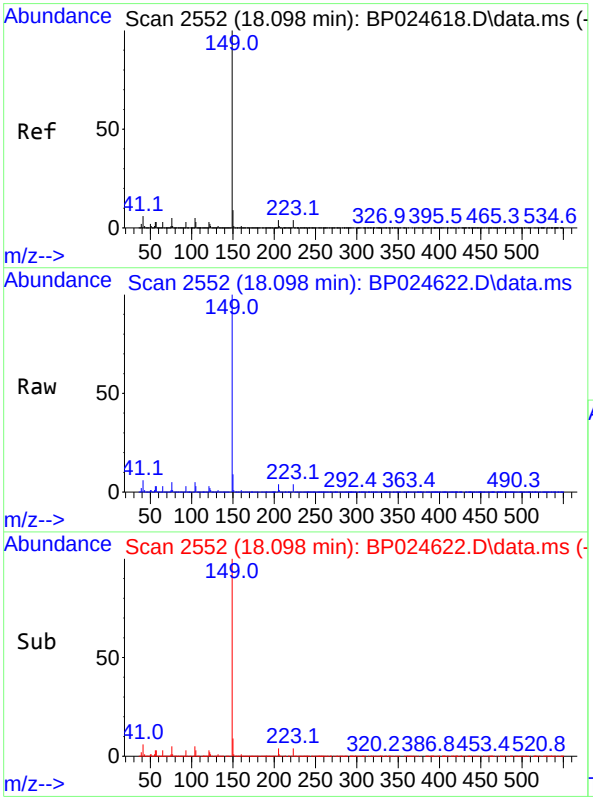
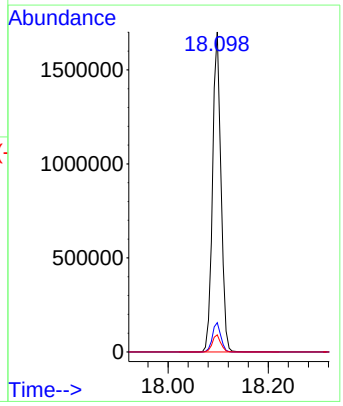
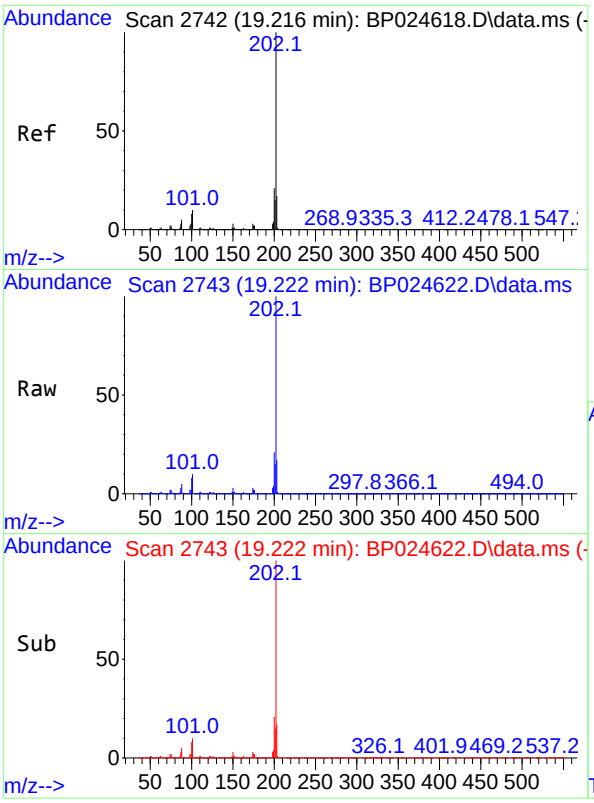


#74
Di-n-butylphthalate
Concen: 38.94 ng
RT: 18.098 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1978741

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.3	6.5

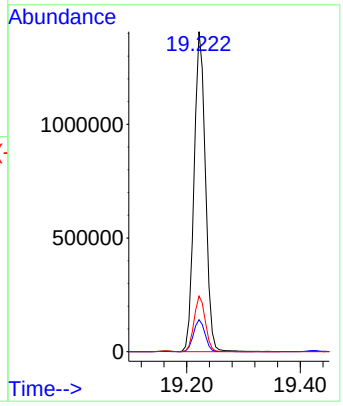




#75
Fluoranthene
Concen: 38.57 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:202 Resp: 195604

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.4	0.0	37.5



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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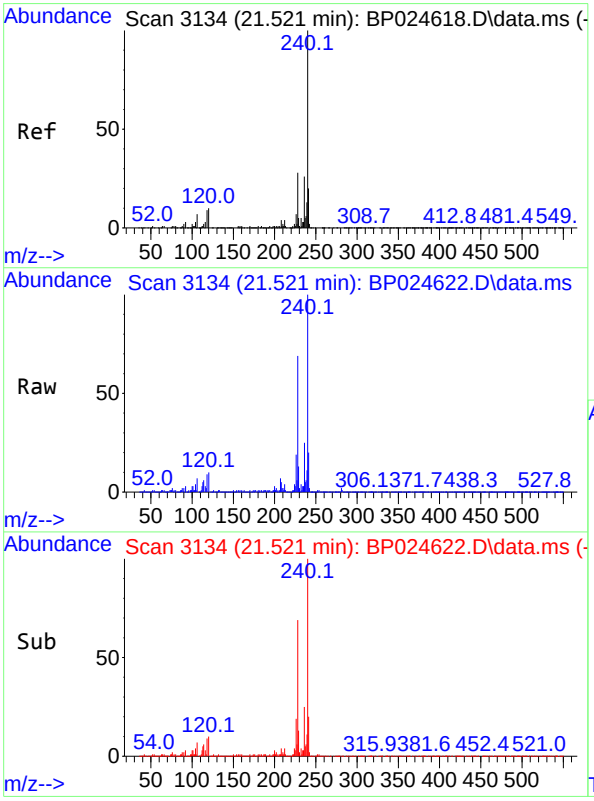
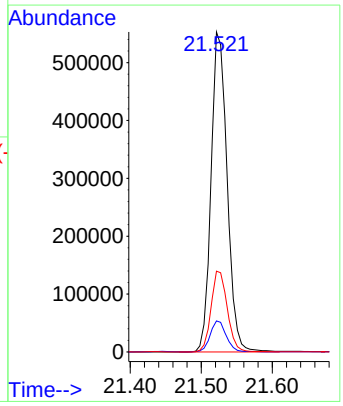
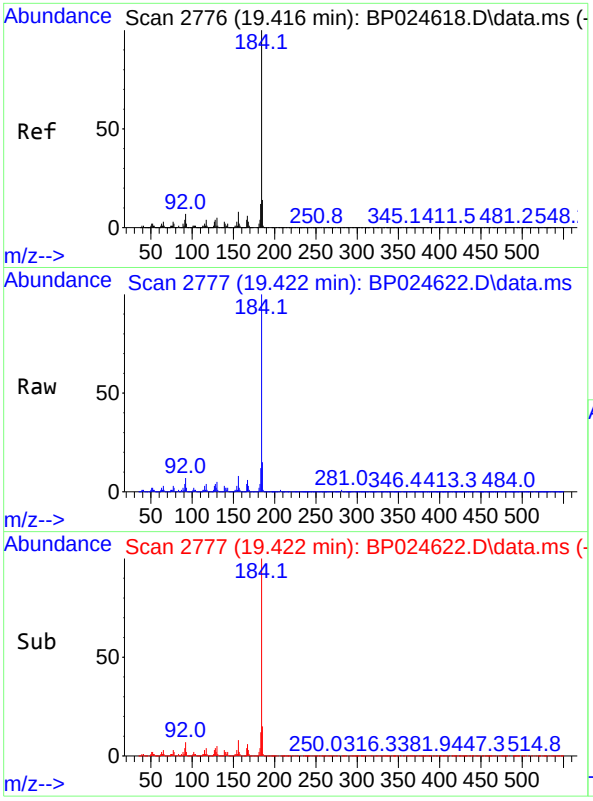


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.521 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:240 Resp: 868822

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	25.2	20.6	31.0

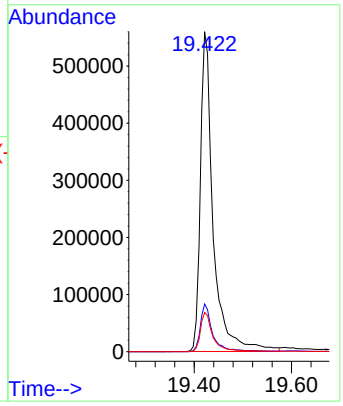




#77
Benzidine
Concen: 43.25 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:184 Resp: 102351

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.2	16.8
183	12.3	9.8	14.8



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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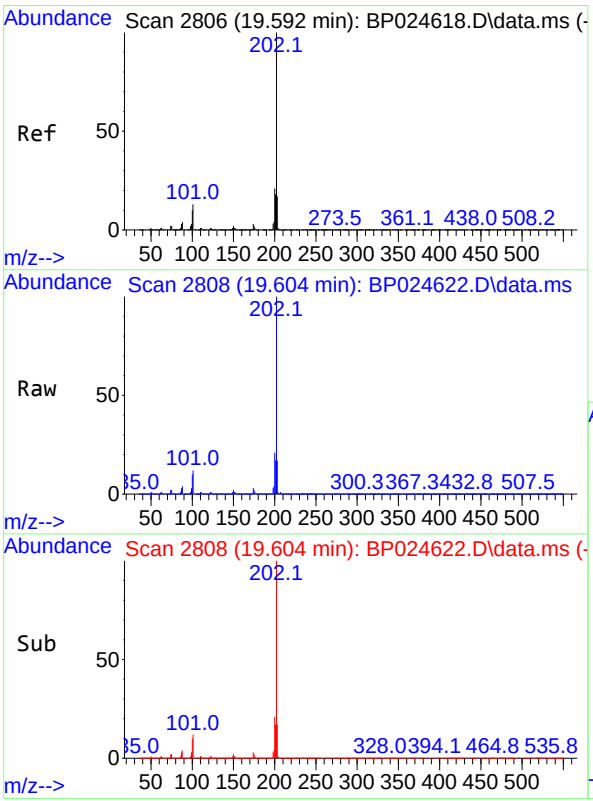
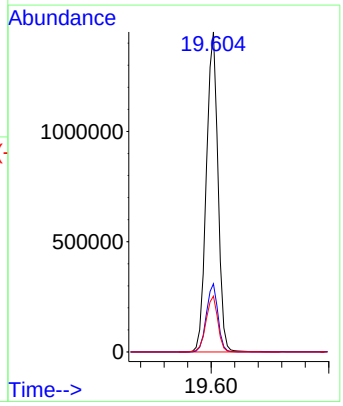
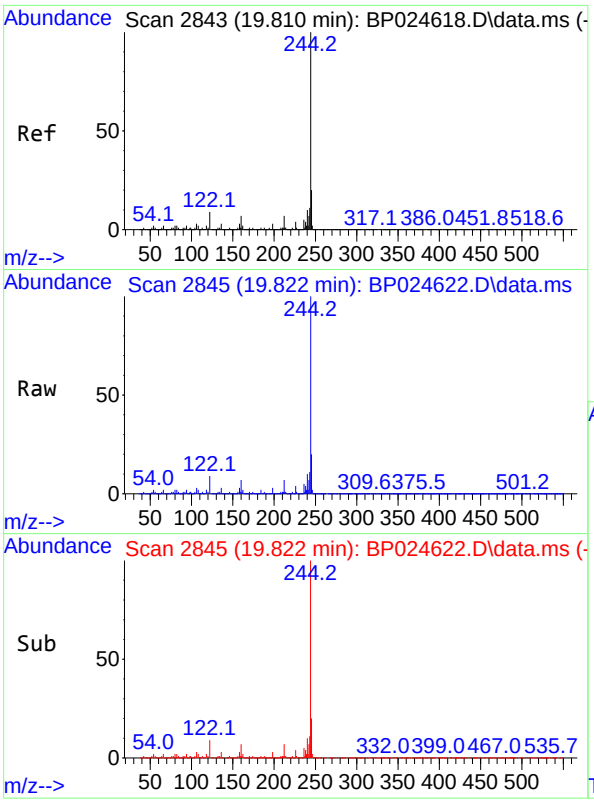


#78
Pyrene
Concen: 38.28 ng
RT: 19.604 min Scan# 2808
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:202 Resp: 1992845

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.5	13.9	20.9

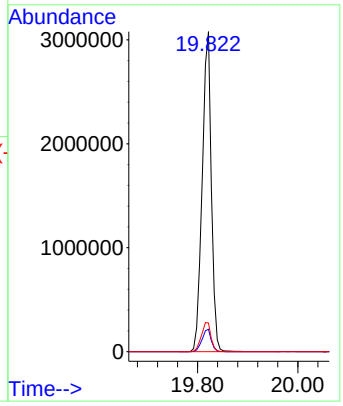




#79
Terphenyl-d14
Concen: 76.75 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:244 Resp: 388900

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.0	7.4	11.0



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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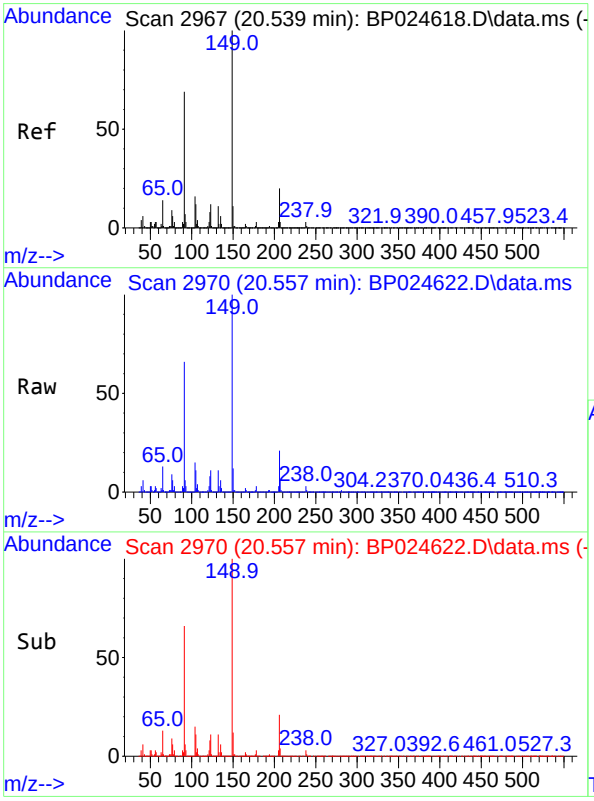
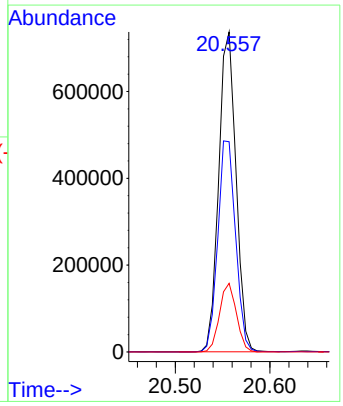
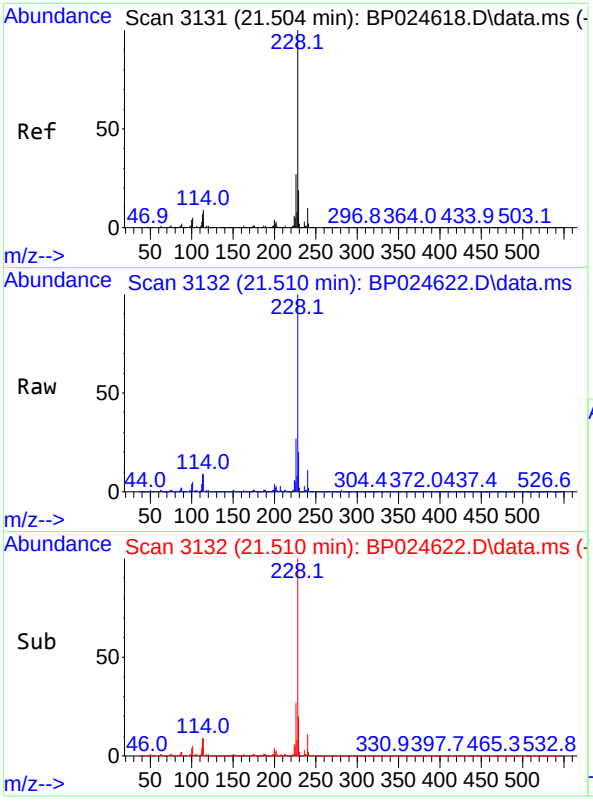


#80
Butylbenzylphthalate
Concen: 40.52 ng
RT: 20.557 min Scan# 2970
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 938210

Ion	Ratio	Lower	Upper
149	100		
91	65.7	55.4	83.0
206	21.5	16.2	24.2

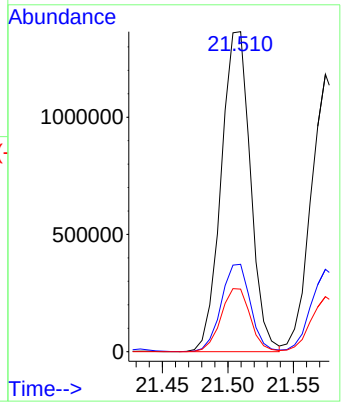




#81
Benzo(a)anthracene
Concen: 38.89 ng
RT: 21.510 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:228 Resp: 212156

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.0
229	19.6	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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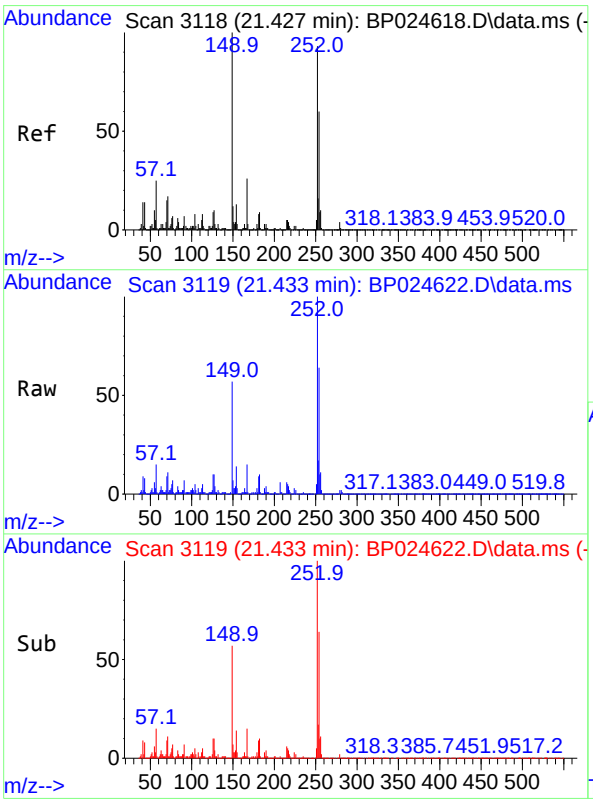
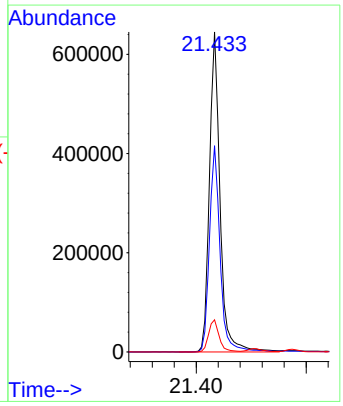
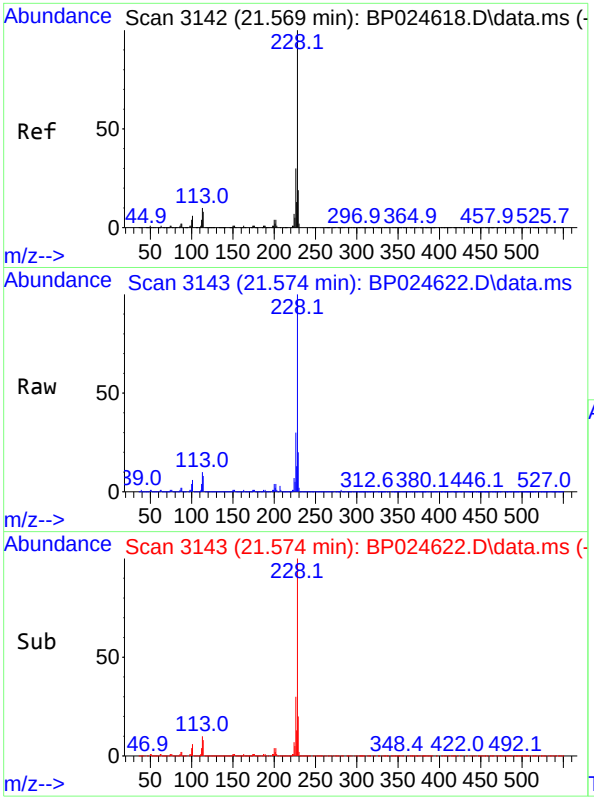


#82
3,3'-Dichlorobenzidine
Concen: 42.51 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 861323

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	10.1	7.7	11.5

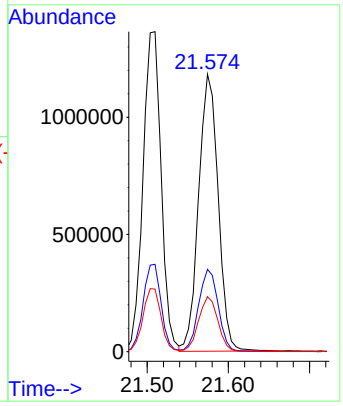




#83
Chrysene
Concen: 38.23 ng
RT: 21.574 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:228 Resp: 197694

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.9	15.5	23.3



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

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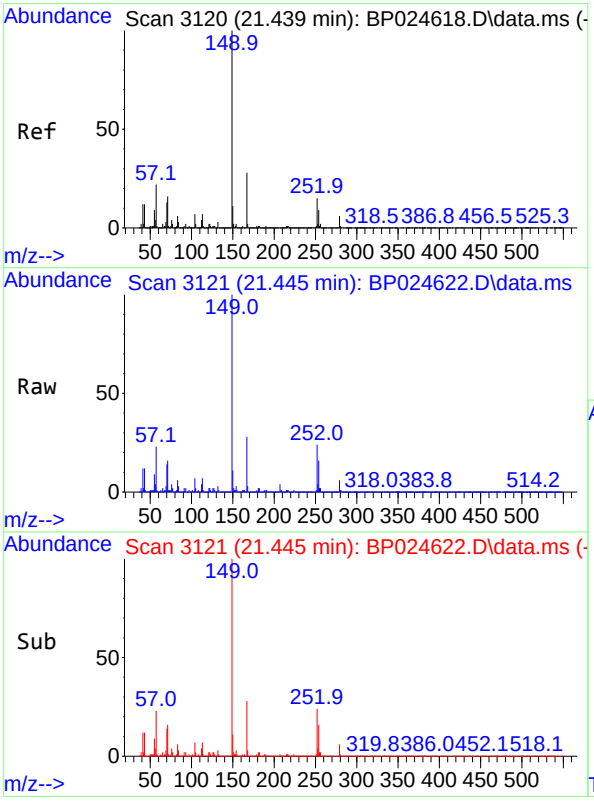
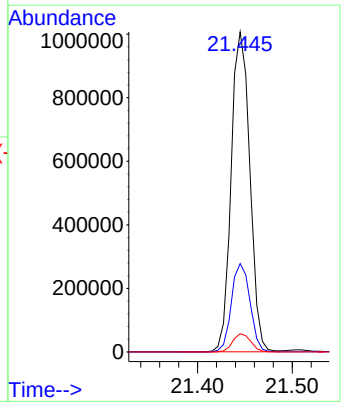
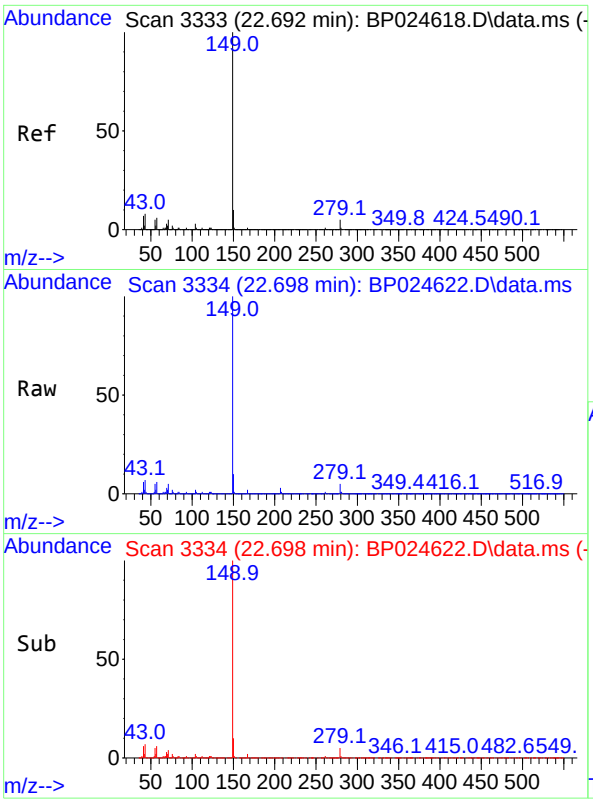


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.43 ng
RT: 21.445 min Scan# 3121
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 1375919

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.1	33.1
279	5.7	4.6	6.8

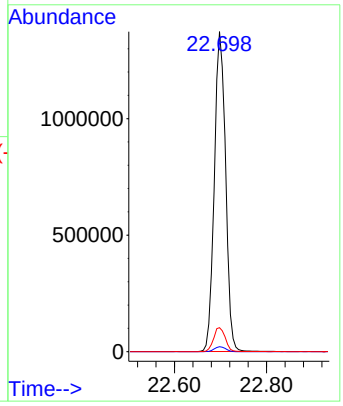




#85
Di-n-octyl phthalate
Concen: 41.72 ng
RT: 22.698 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:149 Resp: 232167

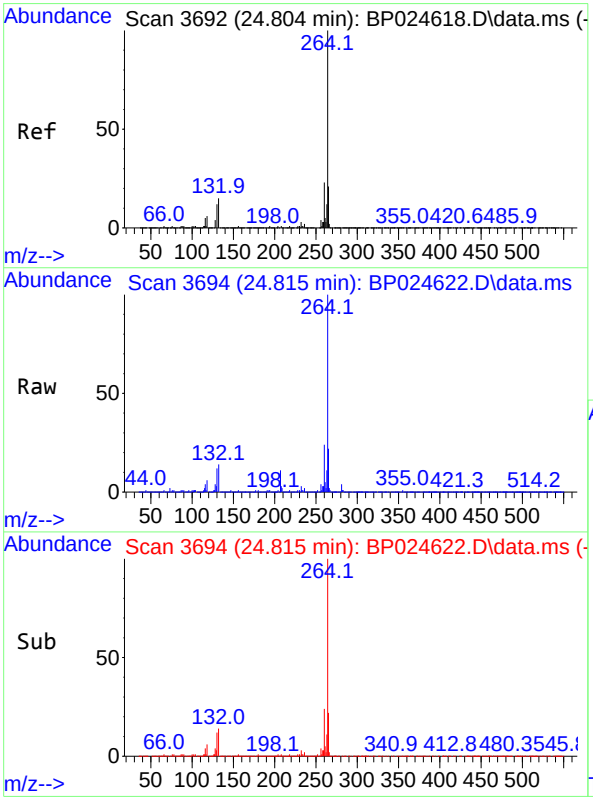
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED

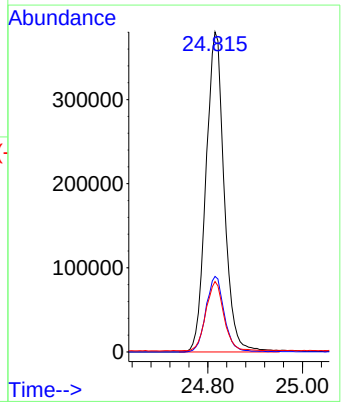
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

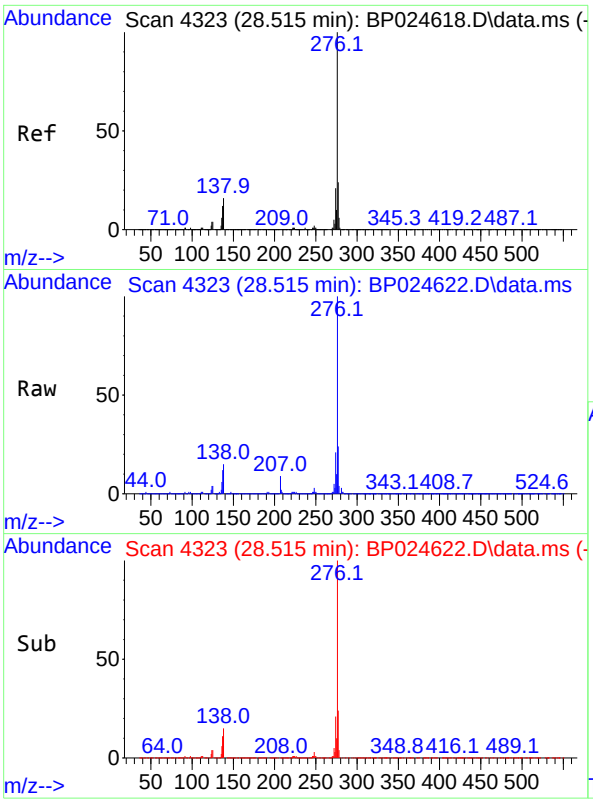


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.815 min Scan# 3694
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:264 Resp: 1015341

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.0	25.6

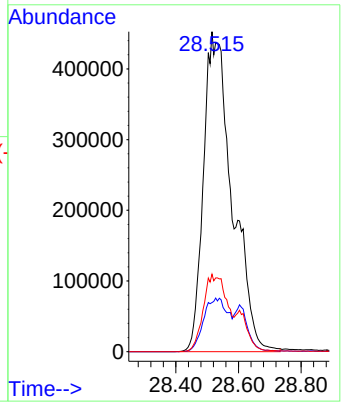




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.85 ng m
RT: 28.515 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:276 Resp: 287986

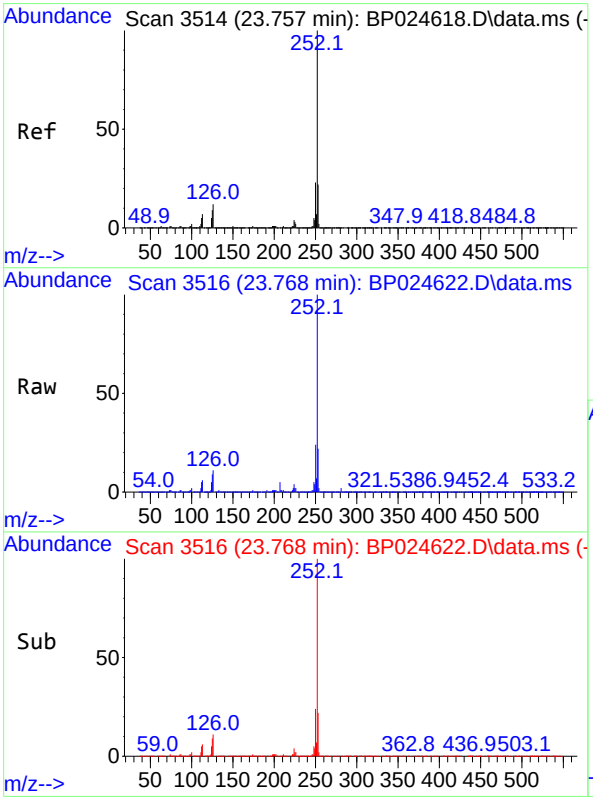
Ion	Ratio	Lower	Upper
276	100		
138	14.2	11.2	16.8
277	10.6	15.7	23.5#



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED

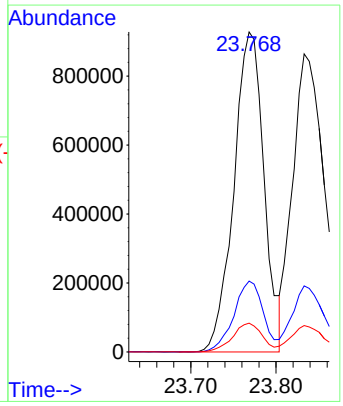
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

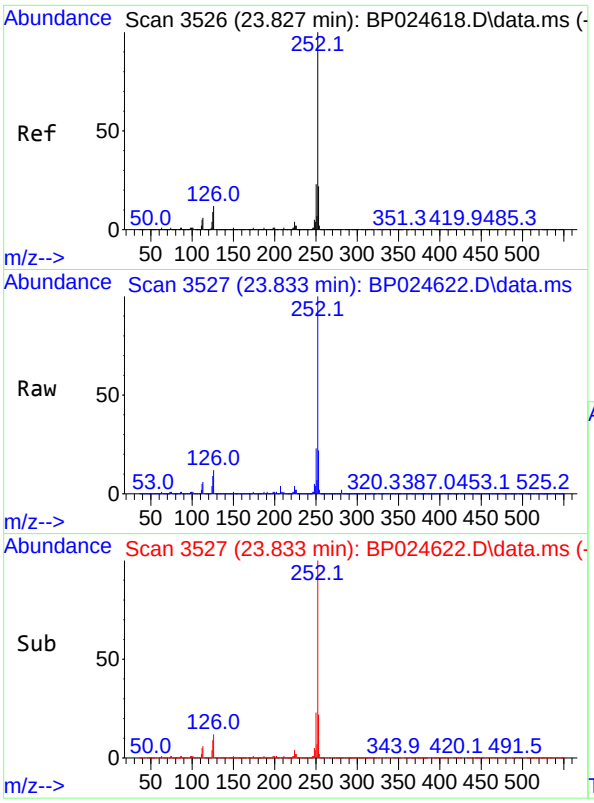


#88
Benzo(b)fluoranthene
Concen: 39.29 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2283322

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.0	7.5	11.3

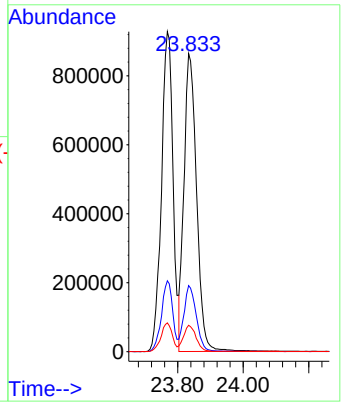




#89
Benzo(k)fluoranthene
Concen: 38.22 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 228900

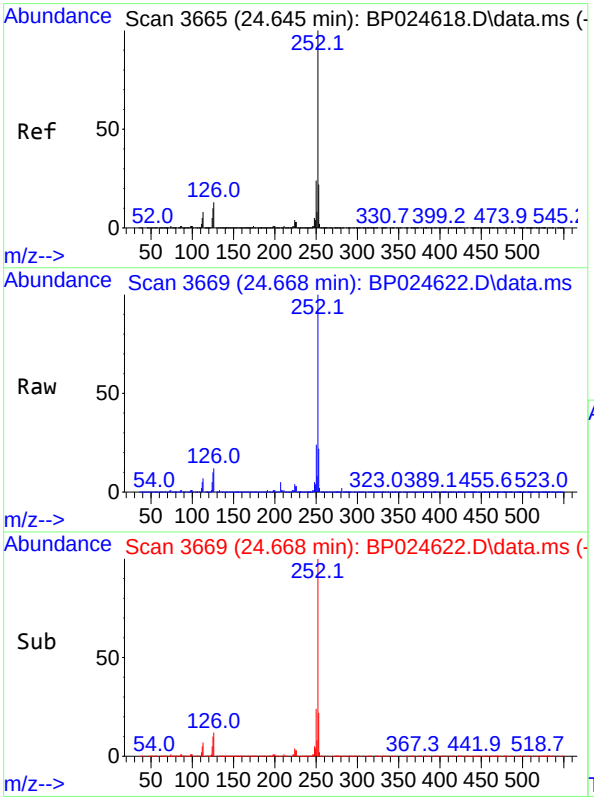
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	7.0	10.4



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED

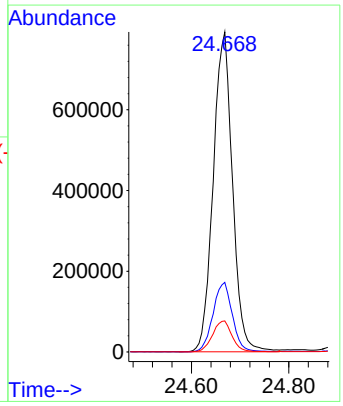
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

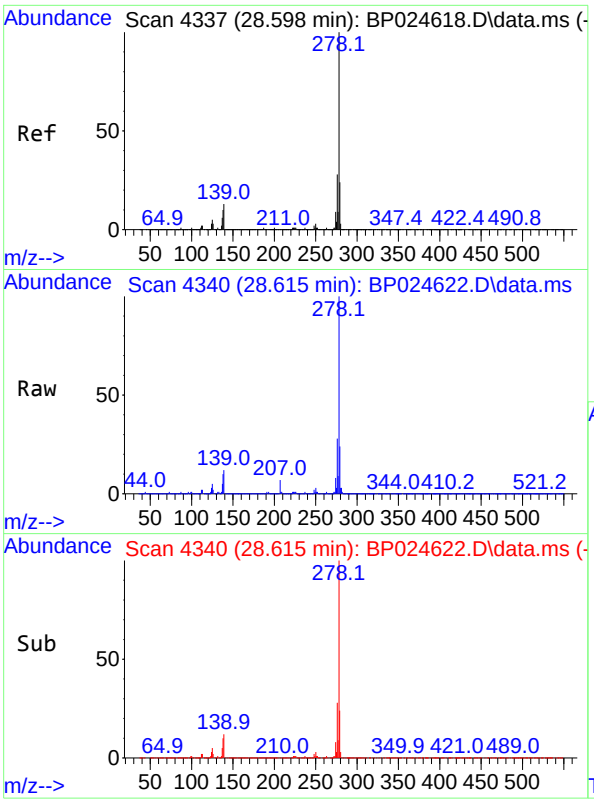


#90
Benzo(a)pyrene
Concen: 39.00 ng
RT: 24.668 min Scan# 3669
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:252 Resp: 2177020

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	9.7	8.1	12.1

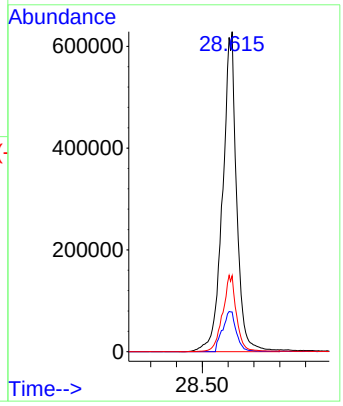




#91
Dibenzo(a,h)anthracene
Concen: 39.38 ng
RT: 28.615 min Scan# 4
Delta R.T. 0.018 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:278 Resp: 237455

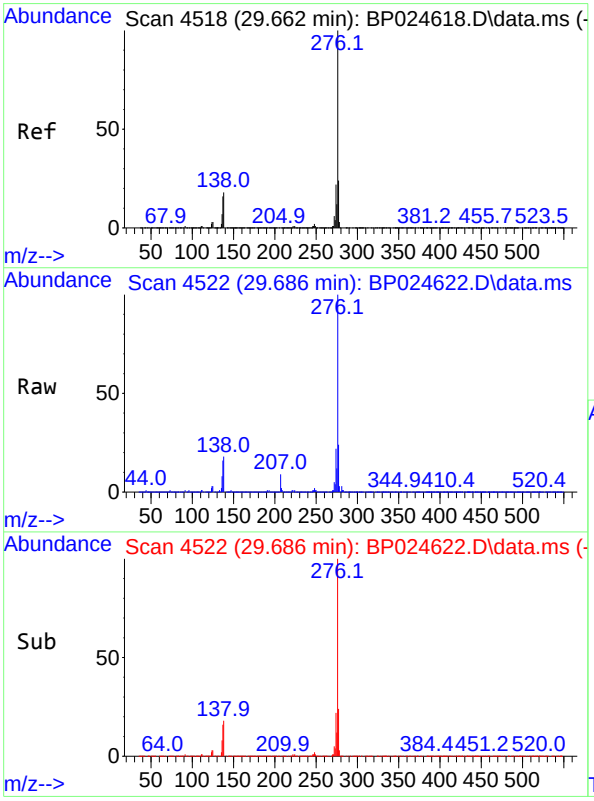
Ion	Ratio	Lower	Upper
278	100		
139	12.4	10.2	15.4
279	23.8	19.0	28.4



Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Manual Integrations APPROVED

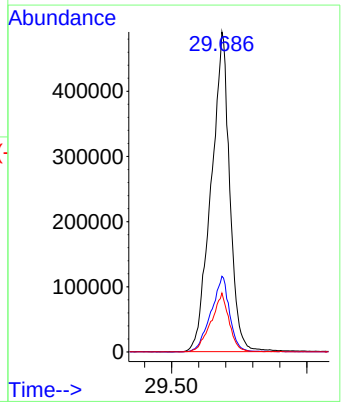
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025



#92
Benzo(g,h,i)perylene
Concen: 38.91 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.023 min
Lab File: BP024622.D
Acq: 13 May 2025 17:01

Tgt Ion:276 Resp: 2333151

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	18.4	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	119	0.00
2		1,4-Dioxane	0.549	0.505	8.0	119	0.00
3		Pyridine	1.218	1.203	1.2	120	0.00
4		n-Nitrosodimethylamine	0.538	0.510	5.2	118	0.00
5	S	2-Fluorophenol	1.169	1.139	2.6	123	0.00
6		Aniline	1.927	1.889	2.0	118	0.00
7	S	Phenol-d6	1.492	1.475	1.1	120	0.00
8		2-Chlorophenol	1.327	1.306	1.6	120	0.00
9		Benzaldehyde	0.966	0.943	2.4	118	0.00
10	C	Phenol	1.540	1.505	2.3	119	0.00
11		bis(2-Chloroethyl)ether	1.266	1.200	5.2	118	0.00
12		1,3-Dichlorobenzene	1.527	1.447	5.2	120	0.00
13	C	1,4-Dichlorobenzene	1.536	1.456	5.2	118	0.00
14		1,2-Dichlorobenzene	1.497	1.418	5.3	119	0.00
15		Benzyl Alcohol	1.134	1.149	-1.3	119	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.441	4.9	117	0.00
17		2-Methylphenol	1.105	1.094	1.0	119	0.00
18		Hexachloroethane	0.589	0.548	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	1.032	1.011	2.0	115	0.00
20		3+4-Methylphenols	1.503	1.486	1.1	117	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22		Acetophenone	0.500	0.480	4.0	115	0.00
23	S	Nitrobenzene-d5	0.396	0.387	2.3	116	0.00
24		Nitrobenzene	0.348	0.335	3.7	115	0.00
25		Isophorone	0.687	0.661	3.8	113	0.00
26	C	2-Nitrophenol	0.171	0.175	-2.3	118	0.00
27		2,4-Dimethylphenol	0.301	0.297	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	0.410	0.397	3.2	115	0.00
29	C	2,4-Dichlorophenol	0.292	0.293	-0.3	116	0.00
30		1,2,4-Trichlorobenzene	0.329	0.313	4.9	118	0.00
31		Naphthalene	1.036	0.986	4.8	116	0.00
32		Benzoic acid	0.181	0.180	0.6	108	0.00
33		4-Chloroaniline	0.418	0.422	-1.0	116	0.00
34	C	Hexachlorobutadiene	0.213	0.198	7.0	115	0.00
35		Caprolactam	0.106	0.105	0.9	110	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.347	2.5	112	0.00
37		2-Methylnaphthalene	0.671	0.635	5.4	114	0.00
38		1-Methylnaphthalene	0.718	0.670	6.7	112	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.581	0.568	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	0.352	0.391	-11.1	118	0.00
42	S	2,4,6-Tribromophenol	0.339	0.333	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.391	-4.0	114	0.00
44		2,4,5-Trichlorophenol	0.419	0.430	-2.6	115	0.00
45	S	2-Fluorobiphenyl	1.527	1.464	4.1	110	0.00
46		1,1'-Biphenyl	1.478	1.438	2.7	112	0.00
47		2-Chloronaphthalene	1.127	1.106	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	0.334	0.339	-1.5	109	0.00
49		Acenaphthylene	1.886	1.815	3.8	109	0.00
50		Dimethylphthalate	1.524	1.477	3.1	110	0.00
51		2,6-Dinitrotoluene	0.322	0.316	1.9	109	0.00
52	C	Acenaphthene	1.084	1.028	5.2	108	0.00
53		3-Nitroaniline	0.329	0.336	-2.1	107	0.00
54	P	2,4-Dinitrophenol	0.169	0.173	-2.4	109	0.00
55		Dibenzofuran	1.730	1.639	5.3	108	0.00
56	P	4-Nitrophenol	0.250	0.259	-3.6	109	0.00
57		2,4-Dinitrotoluene	0.454	0.454	0.0	108	0.00
58		Fluorene	1.410	1.355	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	0.388	0.381	1.8	109	0.00
60		Diethylphthalate	1.541	1.470	4.6	110	0.00
61		4-Chlorophenyl-phenylether	0.703	0.673	4.3	111	0.00
62		4-Nitroaniline	0.317	0.339	-6.9	111	0.00
63		Azobenzene	1.318	1.279	3.0	110	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	0.129	0.130	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.589	4.1	108	0.00
67		4-Bromophenyl-phenylether	0.236	0.229	3.0	111	0.00
68		Hexachlorobenzene	0.299	0.286	4.3	110	0.00
69		Atrazine	0.225	0.223	0.9	111	0.00
70	C	Pentachlorophenol	0.168	0.173	-3.0	109	0.00
71		Phenanthrene	1.112	1.044	6.1	108	0.00
72		Anthracene	1.119	1.069	4.5	108	0.00
73		Carbazole	1.012	1.002	1.0	109	0.00
74		Di-n-butylphthalate	1.302	1.268	2.6	109	0.00
75	C	Fluoranthene	1.300	1.253	3.6	109	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	107	0.00
77		Benzidine	0.545	0.589	-8.1	113	0.00
78		Pyrene	1.198	1.147	4.3	107	0.01
79	S	Terphenyl-d14	1.166	1.119	4.0	107	0.01
80		Butylbenzylphthalate	0.533	0.540	-1.3	110	0.02
81		Benzo(a)anthracene	1.256	1.221	2.8	108	0.00
82		3,3'-Dichlorobenzidine	0.466	0.496	-6.4	111	0.00
83		Chrysene	1.190	1.138	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	0.783	0.792	-1.1	111	0.00
85	c	Di-n-octyl phthalate	1.281	1.336	-4.3	112	0.00
86	I	Perylene-d12	1.000	1.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	1.460	1.418	2.9	109	0.00
88		Benzo(b)fluoranthene	1.145	1.124	1.8	111	0.01
89		Benzo(k)fluoranthene	1.180	1.127	4.5	108	0.00
90	C	Benzo(a)pyrene	1.099	1.072	2.5	110	0.02
91		Dibenzo(a,h)anthracene	1.188	1.169	1.6	109	0.02
92		Benzo(g,h,i)perylene	1.181	1.149	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
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Instrument :
BNA_P
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ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	119	0.00
2		1,4-Dioxane	40.000	36.789	8.0	119	0.00
3		Pyridine	40.000	39.526	1.2	120	0.00
4		n-Nitrosodimethylamine	40.000	37.979	5.1	118	0.00
5	S	2-Fluorophenol	80.000	77.955	2.6	123	0.00
6		Aniline	40.000	39.210	2.0	118	0.00
7	S	Phenol-d6	80.000	79.089	1.1	120	0.00
8		2-Chlorophenol	40.000	39.367	1.6	120	0.00
9		Benzaldehyde	40.000	39.033	2.4	118	0.00
10	C	Phenol	40.000	39.089	2.3	119	0.00
11		bis(2-Chloroethyl)ether	40.000	37.938	5.2	118	0.00
12		1,3-Dichlorobenzene	40.000	37.893	5.3	120	0.00
13	C	1,4-Dichlorobenzene	40.000	37.904	5.2	118	0.00
14		1,2-Dichlorobenzene	40.000	37.896	5.3	119	0.00
15		Benzyl Alcohol	40.000	40.541	-1.4	119	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.037	4.9	117	0.00
17		2-Methylphenol	40.000	39.618	1.0	119	0.00
18		Hexachloroethane	40.000	37.211	7.0	119	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.165	2.1	115	0.00
20		3+4-Methylphenols	40.000	39.562	1.1	117	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22		Acetophenone	40.000	38.468	3.8	115	0.00
23	S	Nitrobenzene-d5	80.000	78.227	2.2	116	0.00
24		Nitrobenzene	40.000	38.505	3.7	115	0.00
25		Isophorone	40.000	38.491	3.8	113	0.00
26	C	2-Nitrophenol	40.000	41.121	-2.8	118	0.00
27		2,4-Dimethylphenol	40.000	39.484	1.3	115	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.714	3.2	115	0.00
29	C	2,4-Dichlorophenol	40.000	40.189	-0.5	116	0.00
30		1,2,4-Trichlorobenzene	40.000	38.109	4.7	118	0.00
31		Naphthalene	40.000	38.069	4.8	116	0.00
32		Benzoic acid	40.000	36.464	8.8	108	0.00
33		4-Chloroaniline	40.000	40.368	-0.9	116	0.00
34	C	Hexachlorobutadiene	40.000	37.285	6.8	115	0.00
35		Caprolactam	40.000	39.752	0.6	110	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.013	2.5	112	0.00
37		2-Methylnaphthalene	40.000	37.852	5.4	114	0.00
38		1-Methylnaphthalene	40.000	37.339	6.7	112	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	108	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.130	2.2	112	0.00
41	P	Hexachlorocyclopentadiene	40.000	44.371	-10.9	118	0.00
42	S	2,4,6-Tribromophenol	80.000	78.525	1.8	111	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.549	-3.9	114	0.00
44		2,4,5-Trichlorophenol	40.000	41.064	-2.7	115	0.00
45	S	2-Fluorobiphenyl	80.000	76.733	4.1	110	0.00
46		1,1'-Biphenyl	40.000	38.906	2.7	112	0.00
47		2-Chloronaphthalene	40.000	39.238	1.9	112	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	40.604	-1.5	109	0.00
49		Acenaphthylene	40.000	38.493	3.8	109	0.00
50		Dimethylphthalate	40.000	38.751	3.1	110	0.00
51		2,6-Dinitrotoluene	40.000	39.317	1.7	109	0.00
52	C	Acenaphthene	40.000	37.904	5.2	108	0.00
53		3-Nitroaniline	40.000	40.871	-2.2	107	0.00
54	P	2,4-Dinitrophenol	40.000	37.829	5.4	109	0.00
55		Dibenzofuran	40.000	37.910	5.2	108	0.00
56	P	4-Nitrophenol	40.000	38.698	3.3	109	0.00
57		2,4-Dinitrotoluene	40.000	39.975	0.1	108	0.00
58		Fluorene	40.000	38.422	3.9	109	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.274	1.8	109	0.00
60		Diethylphthalate	40.000	38.171	4.6	110	0.00
61		4-Chlorophenyl-phenylether	40.000	38.249	4.4	111	0.00
62		4-Nitroaniline	40.000	42.722	-6.8	111	0.00
63		Azobenzene	40.000	38.822	2.9	110	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	109	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.305	-0.8	110	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.382	4.0	108	0.00
67		4-Bromophenyl-phenylether	40.000	38.909	2.7	111	0.00
68		Hexachlorobenzene	40.000	38.175	4.6	110	0.00
69		Atrazine	40.000	39.570	1.1	111	0.00
70	C	Pentachlorophenol	40.000	41.124	-2.8	109	0.00
71		Phenanthrene	40.000	37.546	6.1	108	0.00
72		Anthracene	40.000	38.241	4.4	108	0.00
73		Carbazole	40.000	39.575	1.1	109	0.00
74		Di-n-butylphthalate	40.000	38.939	2.7	109	0.00
75	C	Fluoranthene	40.000	38.566	3.6	109	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	107	0.00
77		Benzidine	40.000	43.253	-8.1	113	0.00
78		Pyrene	40.000	38.281	4.3	107	0.01
79	S	Terphenyl-d14	80.000	76.753	4.1	107	0.01
80		Butylbenzylphthalate	40.000	40.523	-1.3	110	0.02
81		Benzo(a)anthracene	40.000	38.889	2.8	108	0.00
82		3,3'-Dichlorobenzidine	40.000	42.508	-6.3	111	0.00
83		Chrysene	40.000	38.227	4.4	108	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.433	-1.1	111	0.00
85	c	Di-n-octyl phthalate	40.000	41.721	-4.3	112	0.00
86	I	Perylene-d12	20.000	20.000	0.0	109	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.851	2.9	109	0.00
88		Benzo(b)fluoranthene	40.000	39.289	1.8	111	0.01
89		Benzo(k)fluoranthene	40.000	38.223	4.4	108	0.00
90	C	Benzo(a)pyrene	40.000	39.004	2.5	110	0.02
91		Dibenzo(a,h)anthracene	40.000	39.377	1.6	109	0.02
92		Benzo(g,h,i)perylene	40.000	38.906	2.7	109	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024622.D
Acq On : 13 May 2025 17:01
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP051325

Quant Time: May 13 18:01:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: BNA_F Calibration Date/Time: 05/21/2025 10:40

Lab File ID: BF142478.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.087		-8.4	
Phenol-d6	1.429	1.358		-5.0	
Nitrobenzene-d5	0.367	0.343		-6.5	
Naphthalene	0.985	0.928		-5.8	
2-Fluorobiphenyl	1.490	1.373		-7.9	
Acenaphthylene	1.936	1.795		-7.3	
Acenaphthene	1.182	1.125		-4.8	20.0
Fluorene	1.314	1.229		-6.5	
2,4,6-Tribromophenol	0.222	0.225		1.4	
Phenanthrene	1.069	0.989		-7.5	
Anthracene	1.091	1.022		-6.3	
Fluoranthene	0.999	0.984		-1.5	20.0
Pyrene	1.866	1.932		3.5	
Terphenyl-d14	1.464	1.466		0.1	
Benzo(a)anthracene	1.336	1.289		-3.5	
Chrysene	1.200	1.116		-7.0	
Benzo(b)fluoranthene	1.184	1.216		2.7	
Benzo(k)fluoranthene	1.109	0.996		-10.2	
Benzo(a)pyrene	1.116	1.061		-4.9	20.0
Indeno(1,2,3-cd)pyrene	1.501	1.409		-6.1	
Dibenzo(a,h)anthracene	1.218	1.156		-5.1	
Benzo(g,h,i)perylene	1.218	1.202		-1.3	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124102	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	475212	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	258765	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	454448	20.000	ng	0.00
76) Chrysene-d12	14.068	240	231233	20.000	ng	0.00
86) Perylene-d12	15.562	264	233183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	539569	73.250	ng	0.00
7) Phenol-d6	6.522	99	674188	76.032	ng	-0.01
23) Nitrobenzene-d5	7.463	82	651420	74.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	232567	80.978	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1421641	73.721	ng	0.00
79) Terphenyl-d14	13.016	244	1355714	80.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	106378	36.089	ng	98
3) Pyridine	3.434	79	276510	36.837	ng	100
4) n-Nitrosodimethylamine	3.387	42	141405	36.282	ng	93
6) Aniline	6.563	93	465531	39.046	ng	100
8) 2-Chlorophenol	6.681	128	294286	36.679	ng	98
9) Benzaldehyde	6.451	77	197628	37.056	ng	99
10) Phenol	6.540	94	386626	38.750	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	264781	36.867	ng	99
12) 1,3-Dichlorobenzene	6.839	146	332360	37.123	ng	99
13) 1,4-Dichlorobenzene	6.916	146	340844	37.795	ng	99
14) 1,2-Dichlorobenzene	7.069	146	325755	37.749	ng	99
15) Benzyl Alcohol	7.039	79	246740	37.654	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	465944	38.632	ng	100
17) 2-Methylphenol	7.145	107	240807	38.442	ng	99
18) Hexachloroethane	7.416	117	113080	35.909	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	198454	36.112	ng	100
20) 3+4-Methylphenols	7.304	107	293565	36.596	ng	98
22) Acetophenone	7.310	105	384928	36.591	ng	100
24) Nitrobenzene	7.487	77	301561	38.366	ng	100
25) Isophorone	7.722	82	539792	37.046	ng	99
26) 2-Nitrophenol	7.798	139	165491	39.404	ng	98
27) 2,4-Dimethylphenol	7.834	122	284888	38.464	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	346347	38.052	ng	100
29) 2,4-Dichlorophenol	8.039	162	264622	39.287	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	276712	37.854	ng	98
31) Naphthalene	8.210	128	882389	37.710	ng	100
32) Benzoic acid	7.939	122	185594	41.165	ng	97
33) 4-Chloroaniline	8.251	127	373200	39.361	ng	99
34) Hexachlorobutadiene	8.322	225	173096	37.923	ng	99
35) Caprolactam	8.622	113	79814	42.190	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	272961	39.543	ng	99
37) 2-Methylnaphthalene	8.898	142	541505	36.785	ng	100
38) 1-Methylnaphthalene	8.998	142	573711	37.677	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	281896	37.950	ng	100
41) Hexachlorocyclopentadiene	9.051	237	197231	39.361	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	198391	39.608	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

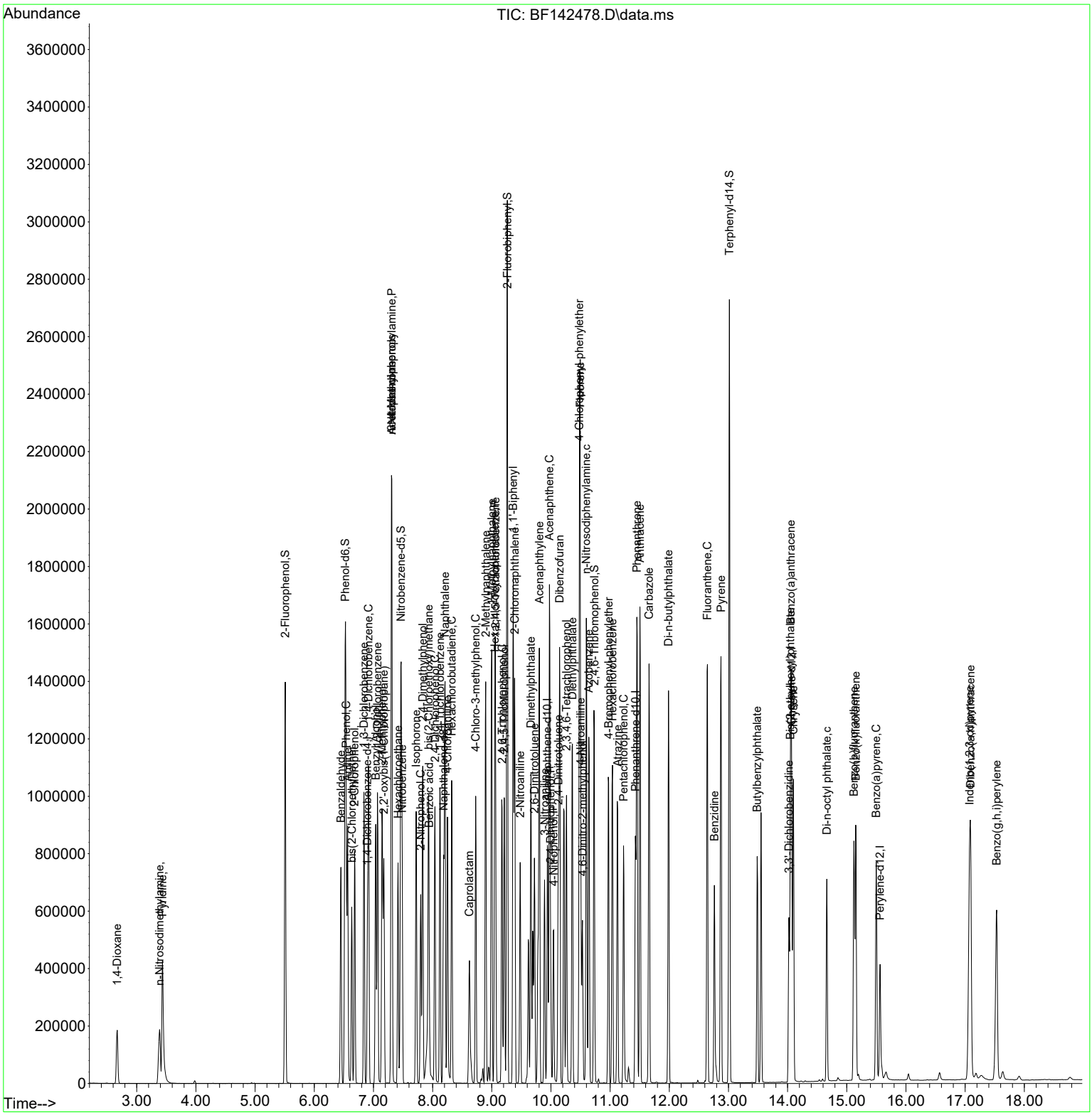
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	205060	38.818	ng		99
46) 1,1'-Biphenyl	9.363	154	764423	38.077	ng		100
47) 2-Chloronaphthalene	9.386	162	568213	38.309	ng		99
48) 2-Nitroaniline	9.480	65	171415	39.983	ng		98
49) Acenaphthylene	9.804	152	929079	37.095	ng		100
50) Dimethylphthalate	9.663	163	642337	37.620	ng		99
51) 2,6-Dinitrotoluene	9.722	165	143720	39.000	ng		100
52) Acenaphthene	9.975	154	582417	38.082	ng		98
53) 3-Nitroaniline	9.892	138	161621	40.154	ng		99
54) 2,4-Dinitrophenol	9.992	184	82111	43.128	ng	#	50
55) Dibenzofuran	10.145	168	865331	39.319	ng		99
56) 4-Nitrophenol	10.045	139	125889	42.389	ng		99
57) 2,4-Dinitrotoluene	10.128	165	198299	41.203	ng		99
58) Fluorene	10.492	166	636236	37.421	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	178973	40.584	ng		100
60) Diethylphthalate	10.363	149	665684	39.920	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	313464	37.531	ng		99
62) 4-Nitroaniline	10.504	138	153079	41.934	ng		98
63) Azobenzene	10.639	77	600280	40.078	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	108376	42.732	ng		99
66) n-Nitrosodiphenylamine	10.598	169	582997	37.498	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	199315	37.092	ng		98
68) Hexachlorobenzene	11.039	284	224843	37.832	ng		99
69) Atrazine	11.127	200	169442	41.037	ng		100
70) Pentachlorophenol	11.227	266	139087	41.451	ng		99
71) Phenanthrene	11.451	178	899035	37.018	ng		99
72) Anthracene	11.504	178	929254	37.490	ng		100
73) Carbazole	11.657	167	844734	39.865	ng		99
74) Di-n-butylphthalate	11.986	149	985689	42.497	ng		100
75) Fluoranthene	12.645	202	894775	39.429	ng		99
77) Benzidine	12.763	184	403570	46.900	ng		99
78) Pyrene	12.874	202	893560	41.425	ng		99
80) Butylbenzylphthalate	13.486	149	263643	44.233	ng		100
81) Benzo(a)anthracene	14.057	228	596289	38.618	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	179108	38.244	ng		99
83) Chrysene	14.098	228	516059	37.195	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	286630	37.565	ng		99
85) Di-n-octyl phthalate	14.663	149	485024	32.510	ng		100
87) Indeno(1,2,3-cd)pyrene	17.074	276	657271	37.546	ng		100
88) Benzo(b)fluoranthene	15.121	252	566876	41.075	ng		99
89) Benzo(k)fluoranthene	15.151	252	464361	35.924	ng		99
90) Benzo(a)pyrene	15.498	252	494710	38.029	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	539033	37.965	ng		98
92) Benzo(g,h,i)perylene	17.533	276	560492	39.468	ng		99

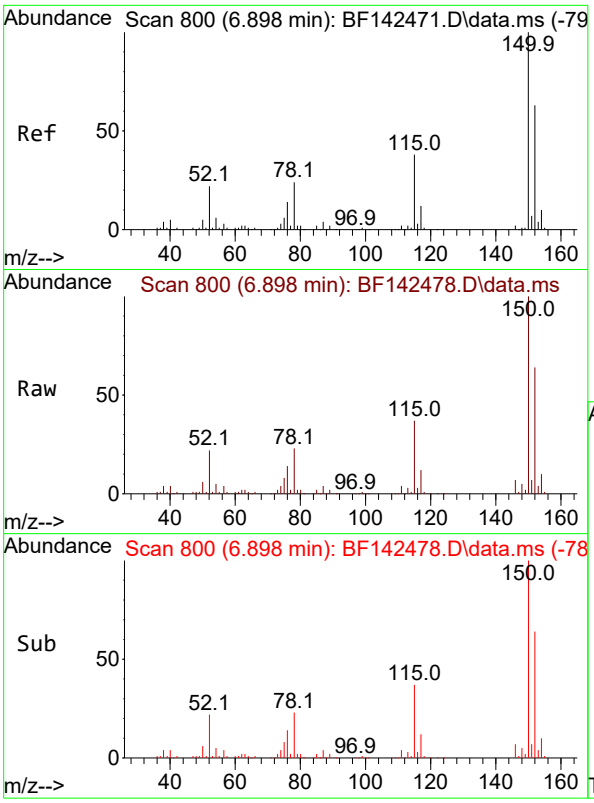
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



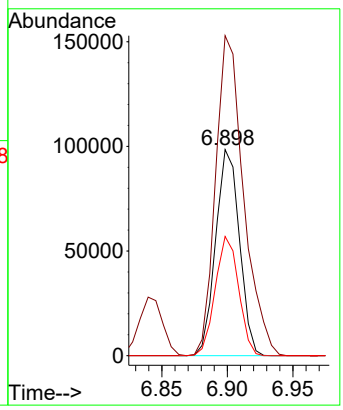


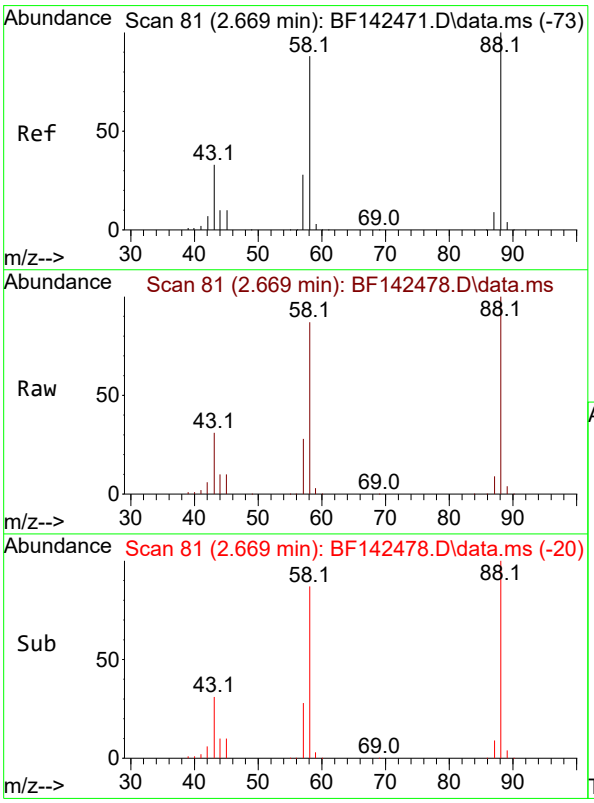
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 124102

Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.2	192.4
115	57.8	48.3	72.5

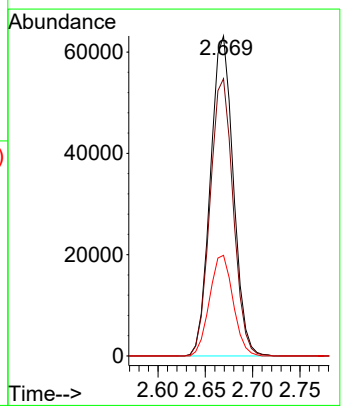


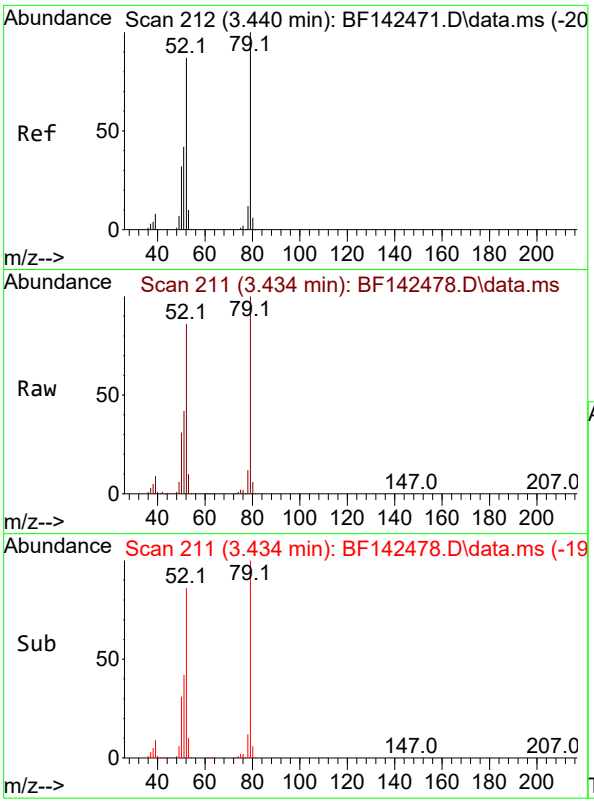


#2
1,4-Dioxane
Concen: 36.089 ng
RT: 2.669 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 88 Resp: 106378

Ion	Ratio	Lower	Upper
88	100		
58	87.0	70.8	106.2
43	32.3	26.6	40.0



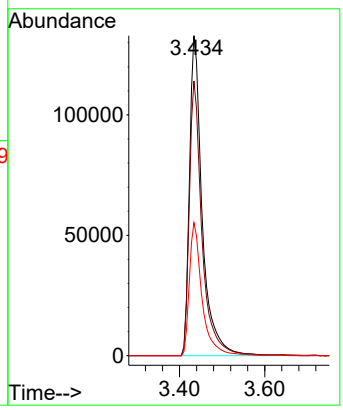


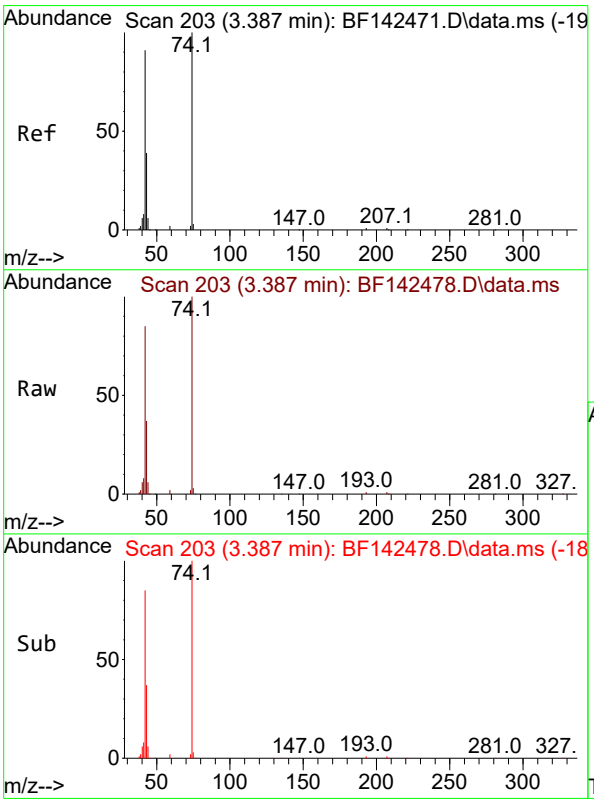
#3
Pyridine
Concen: 36.837 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 276510

Ion	Ratio	Lower	Upper
79	100		
52	85.8	69.2	103.8
51	41.6	33.3	49.9

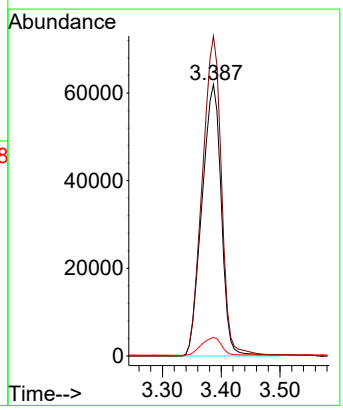


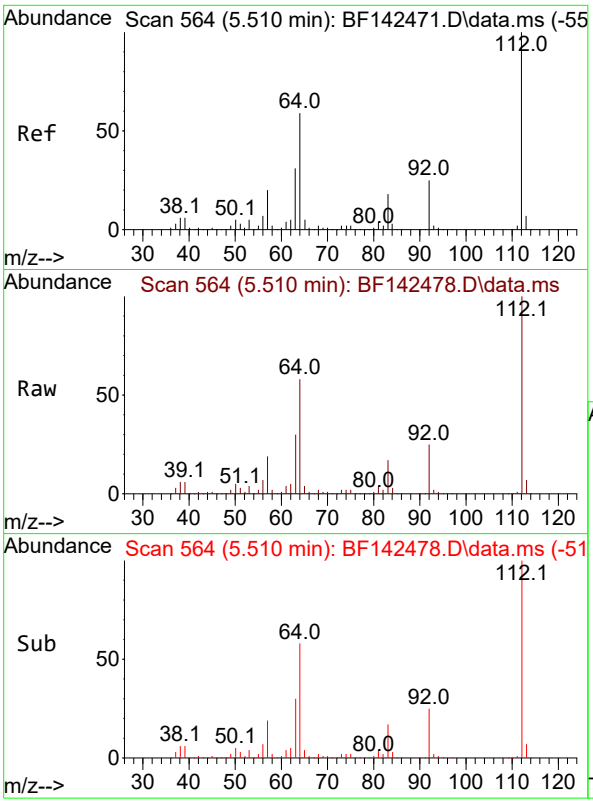


#4
n-Nitrosodimethylamine
Concen: 36.282 ng
RT: 3.387 min Scan# 203
Delta R.T. -0.018 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 42 Resp: 141405

Ion	Ratio	Lower	Upper
42	100		
74	117.9	88.2	132.4
44	6.9	5.4	8.2



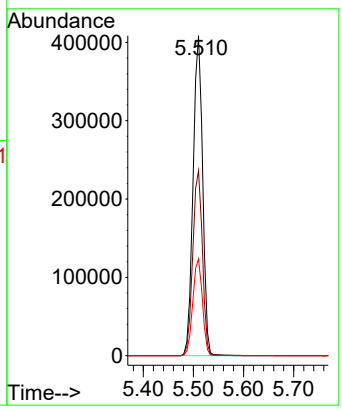


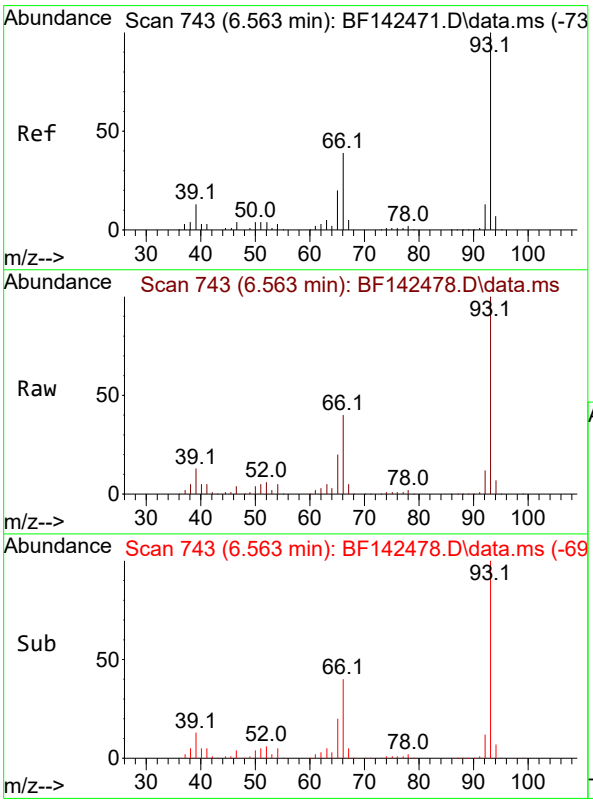
#5
2-Fluorophenol
Concen: 73.250 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 539569

Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.5	71.3
63	30.2	24.9	37.3

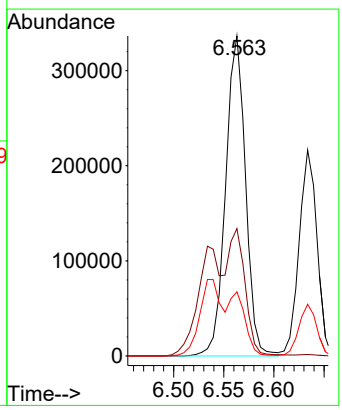


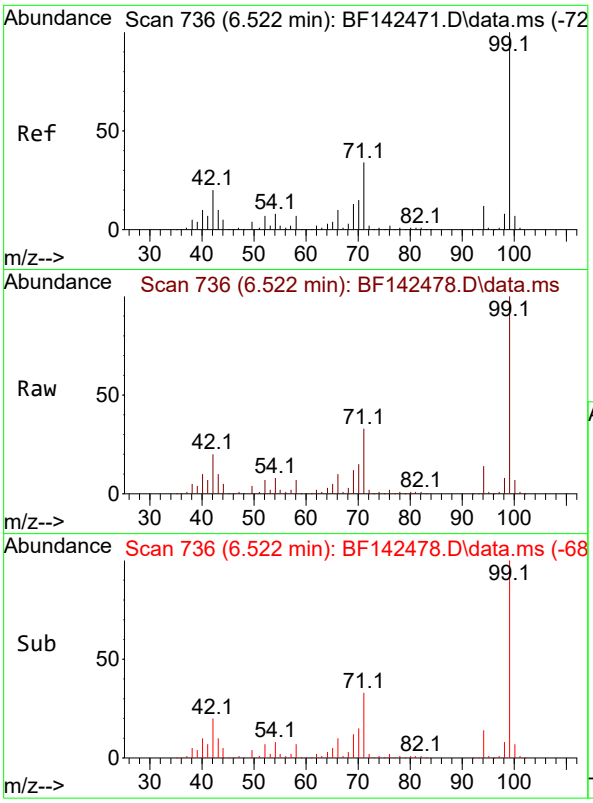


#6
Aniline
Concen: 39.046 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 93 Resp: 465531

Ion	Ratio	Lower	Upper
93	100		
66	39.8	32.0	48.0
65	20.0	16.1	24.1



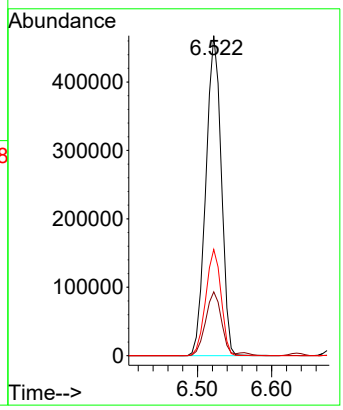


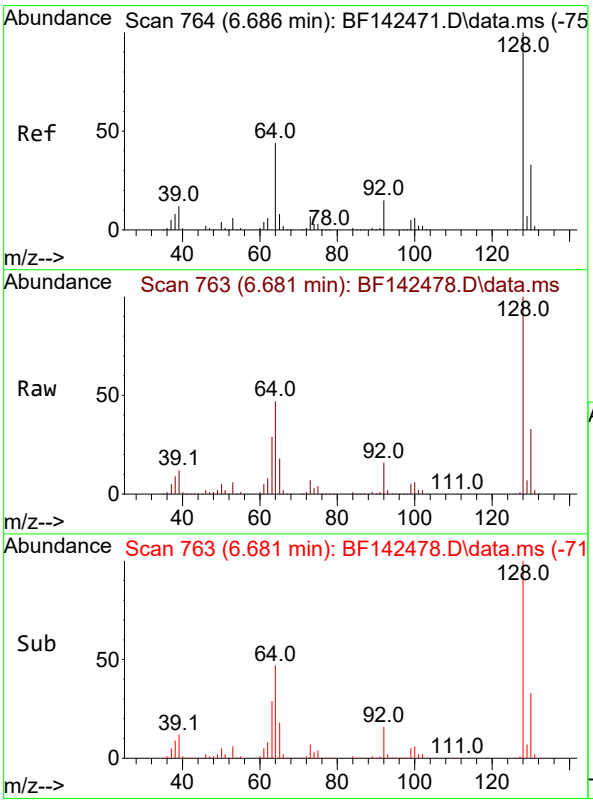
#7
Phenol-d6
Concen: 76.032 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 674188

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	33.2	27.3	40.9

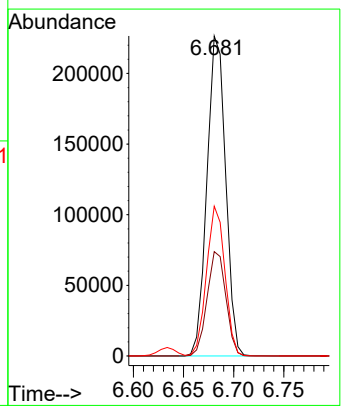


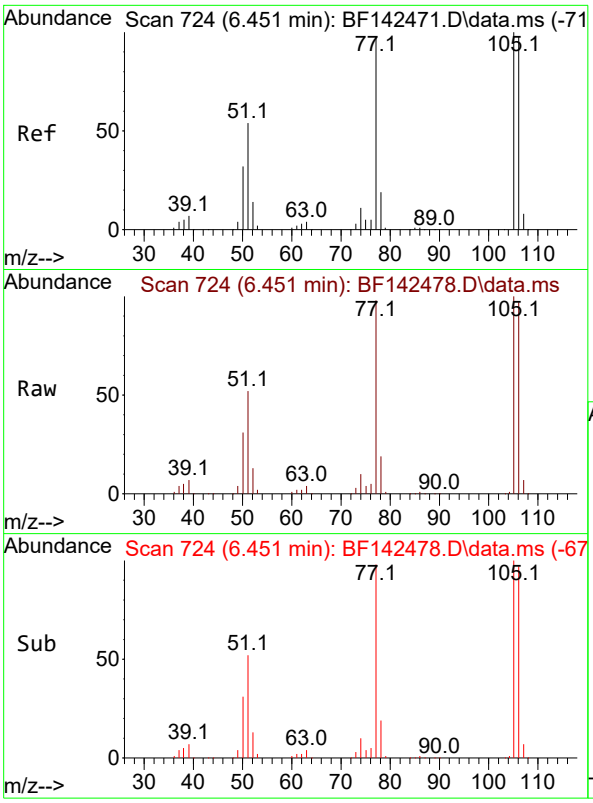


#8
2-Chlorophenol
Concen: 36.679 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:128 Resp: 294286

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.6	52.6
64	46.8	25.1	65.1



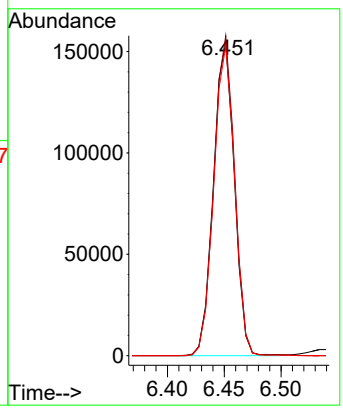


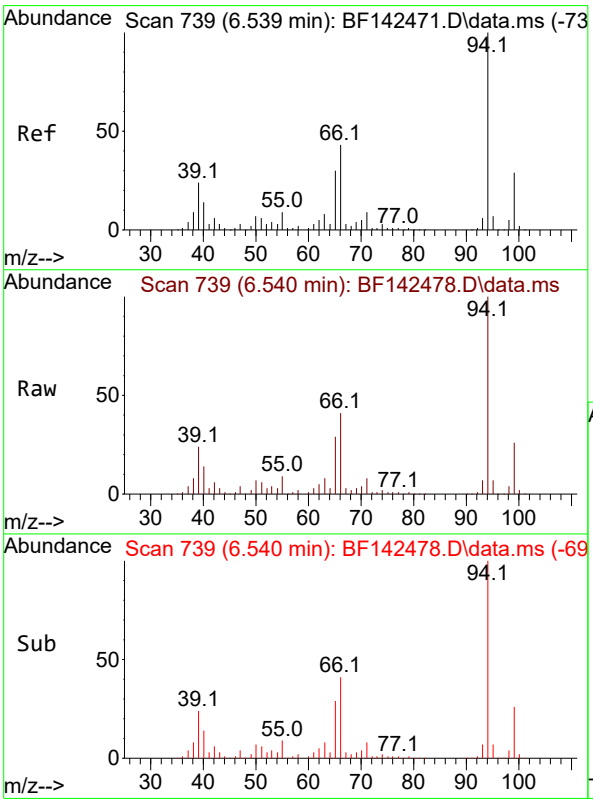
#9
Benzaldehyde
Concen: 37.056 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 197628

Ion	Ratio	Lower	Upper
77	100		
105	102.2	82.5	122.5
106	99.0	80.0	120.0

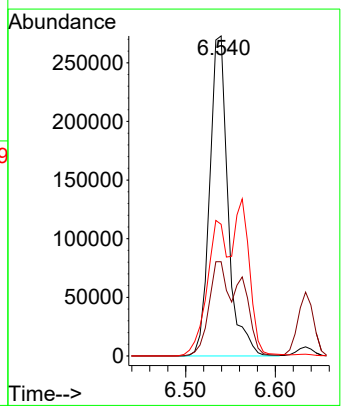


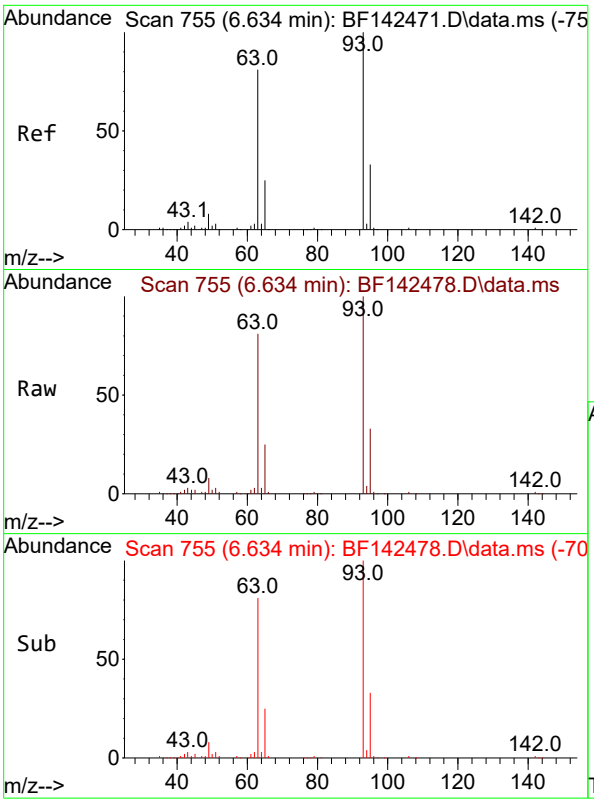


#10
Phenol
Concen: 38.750 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 94 Resp: 386626

Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.3	50.3
66	41.2	22.6	62.6



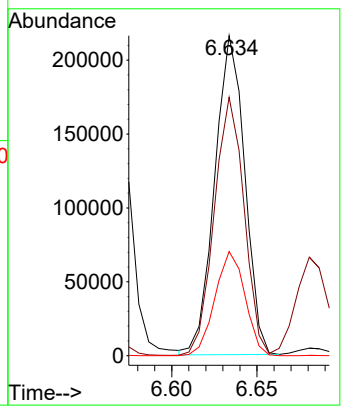


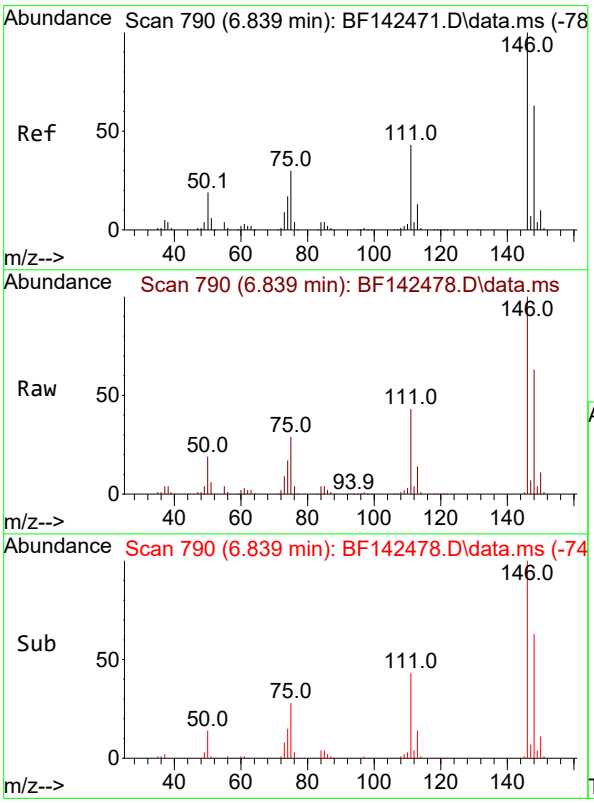
#11
bis(2-Chloroethyl)ether
Concen: 36.867 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 264781

Ion	Ratio	Lower	Upper
93	100		
63	80.8	60.2	100.2
95	32.5	12.3	52.3

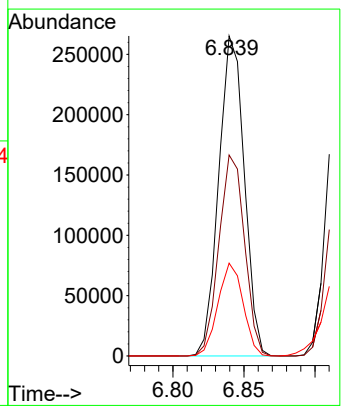


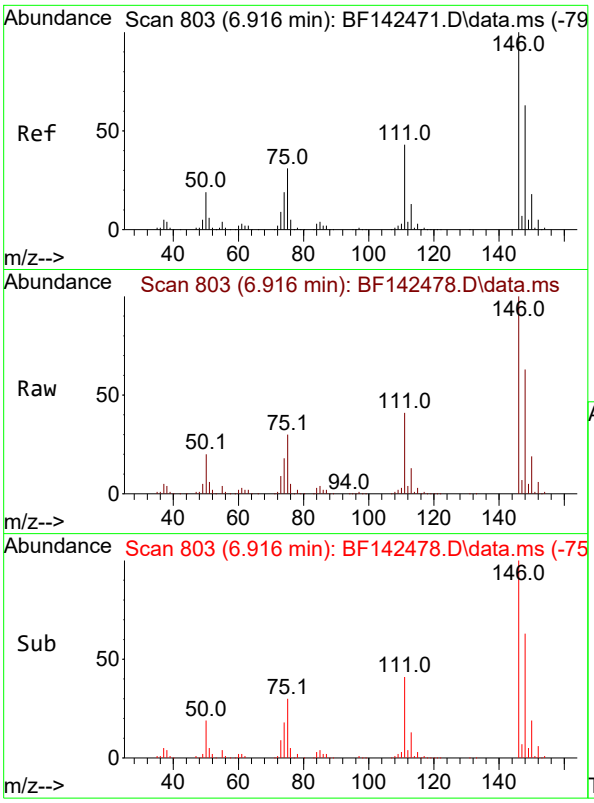


#12
1,3-Dichlorobenzene
Concen: 37.123 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:146 Resp: 332360

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
75	29.0	23.8	35.6



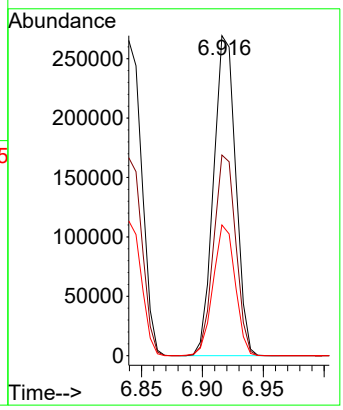


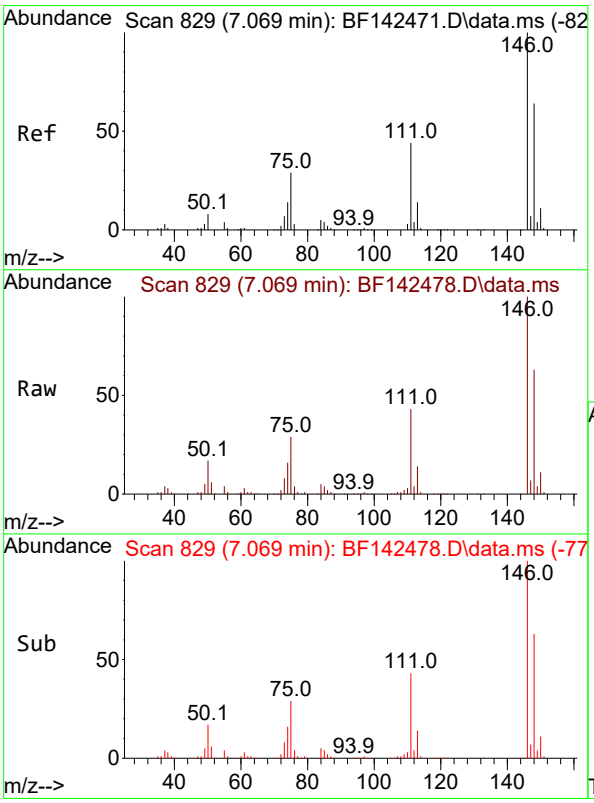
#13
1,4-Dichlorobenzene
Concen: 37.795 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 340844

Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	40.8	34.1	51.1

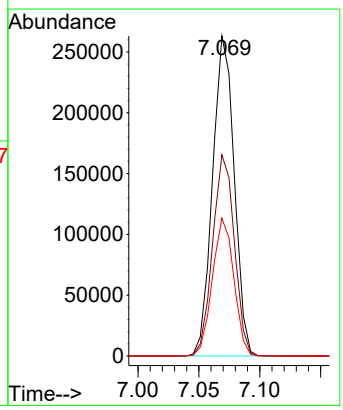


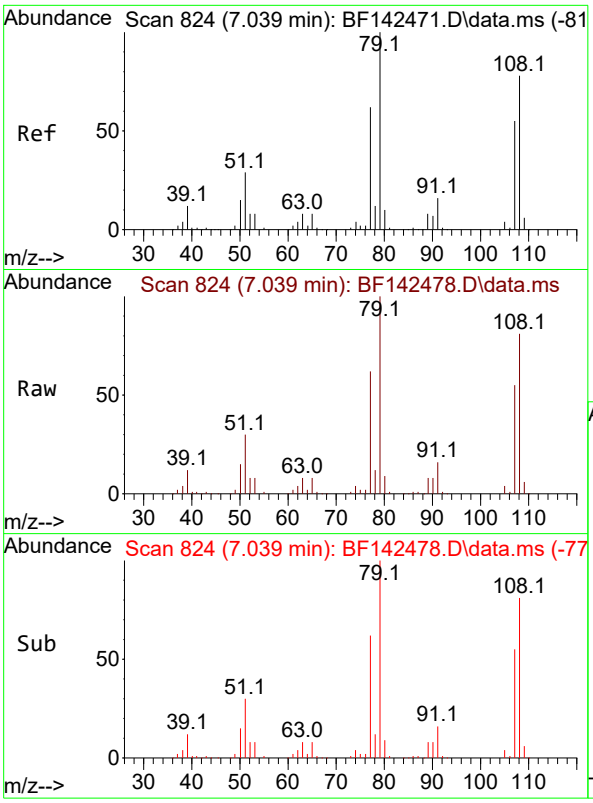


#14
1,2-Dichlorobenzene
Concen: 37.749 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:146 Resp: 325755

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.4
111	43.0	35.0	52.6



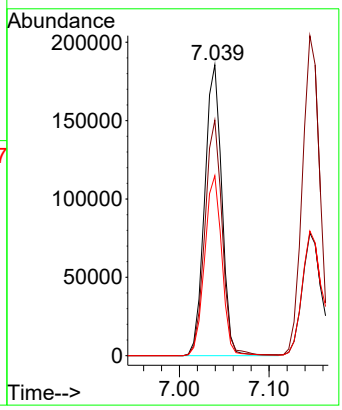


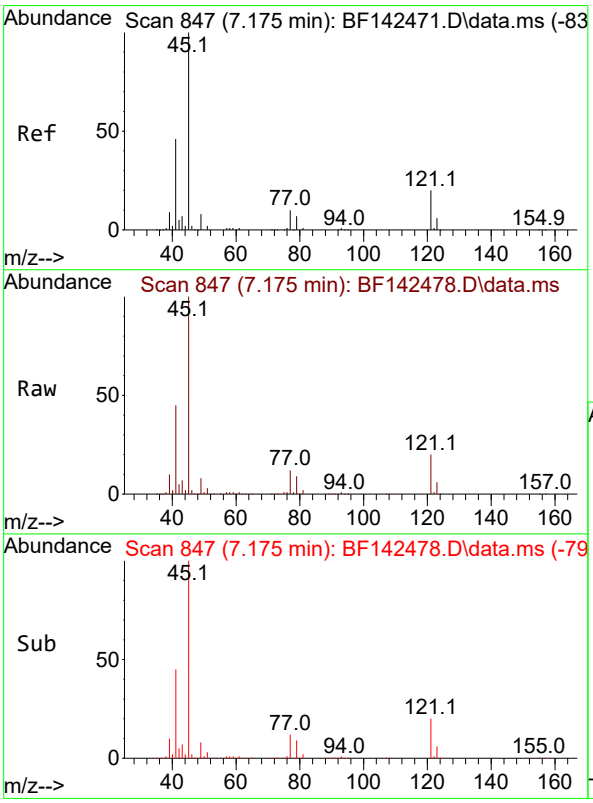
#15
Benzyl Alcohol
Concen: 37.654 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 246740

Ion	Ratio	Lower	Upper
79	100		
108	81.0	62.1	93.1
77	61.9	49.5	74.3

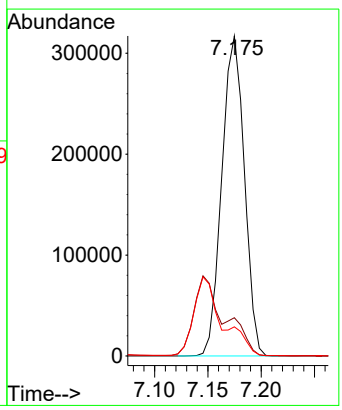


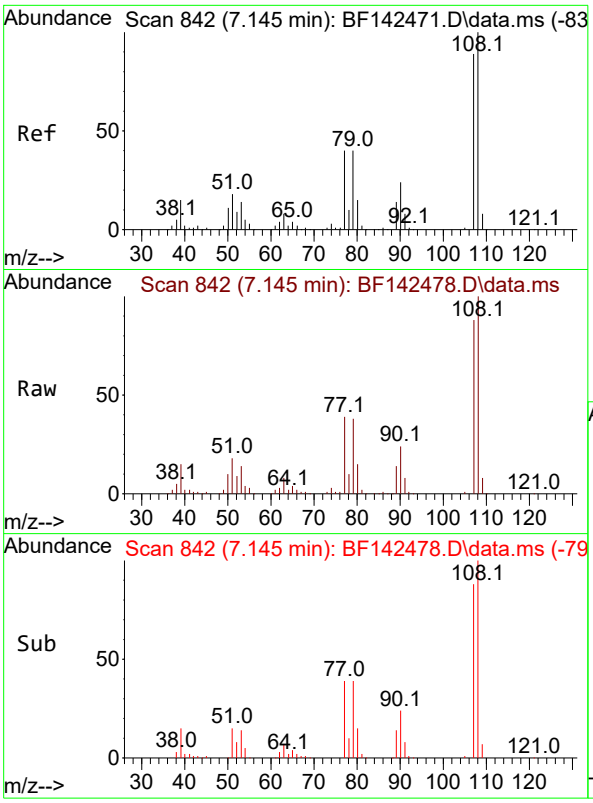


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.632 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 45 Resp: 465944

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.1	0.0	29.2



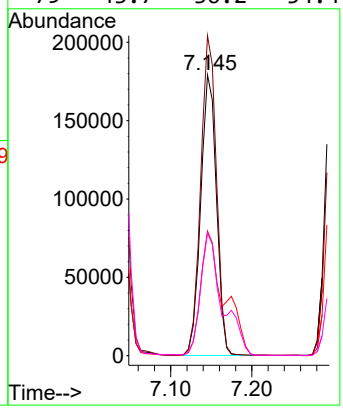


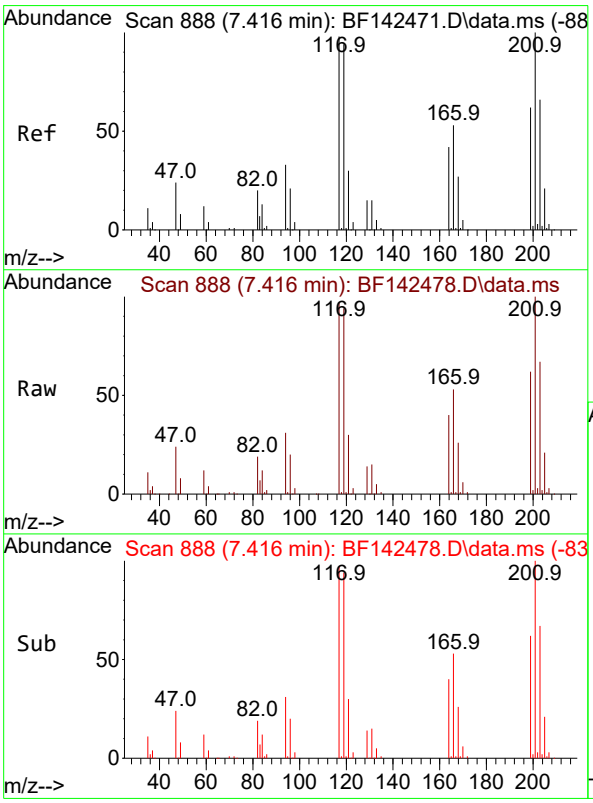
#17
2-Methylphenol
Concen: 38.442 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 240807

Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.2	135.2
77	44.4	36.1	54.1
79	43.7	36.2	54.4

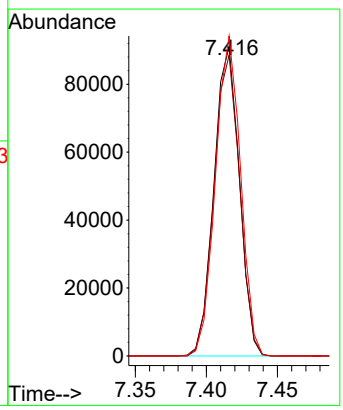


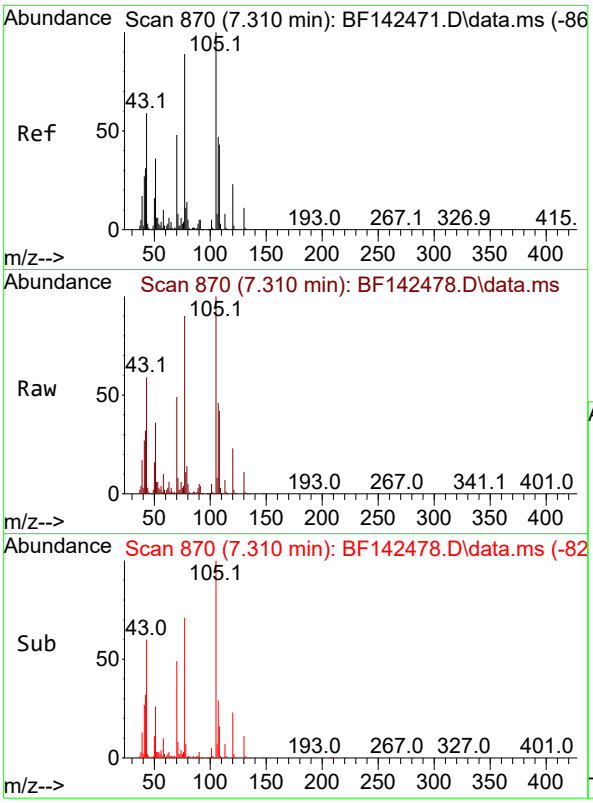


#18
Hexachloroethane
Concen: 35.909 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:117 Resp: 113080

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
201	103.4	81.3	121.9



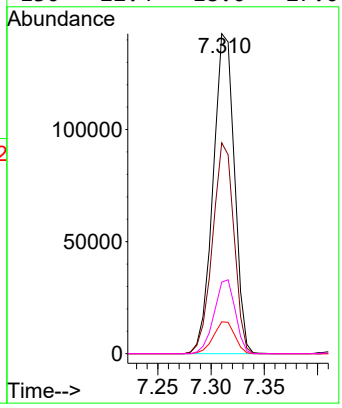


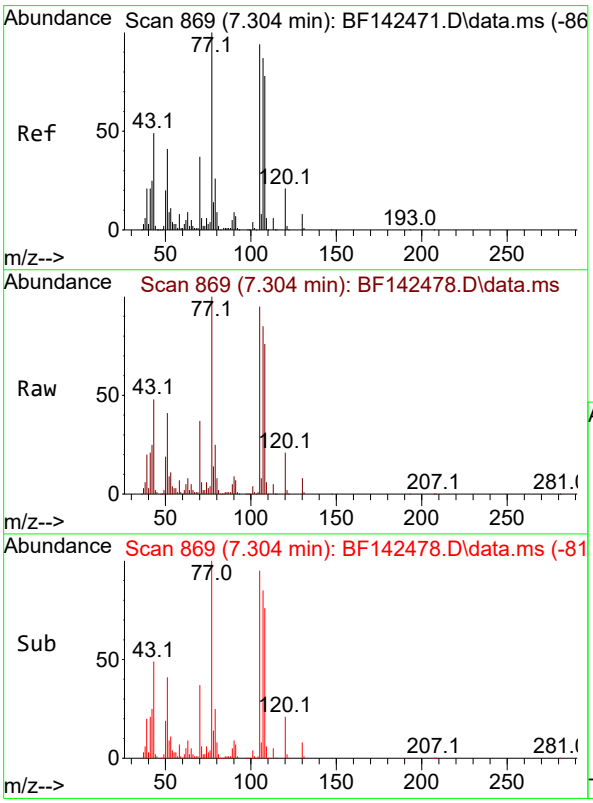
#19
n-Nitroso-di-n-propylamine
Concen: 36.112 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 198454

Ion	Ratio	Lower	Upper
70	100		
42	65.9	52.4	78.6
101	9.9	7.8	11.8
130	22.4	18.0	27.0

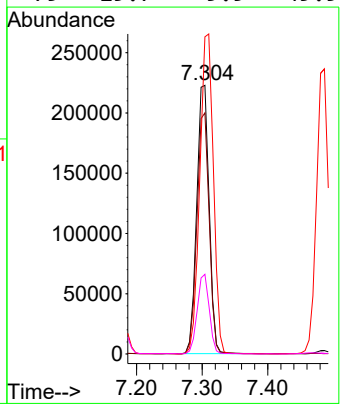


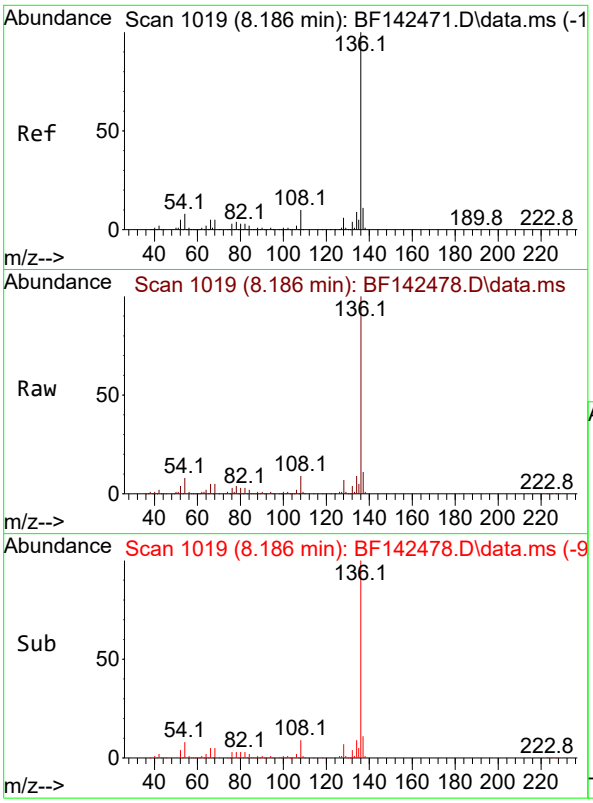


#20
3+4-Methylphenols
Concen: 36.596 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:107 Resp: 293565

Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.4	110.4
77	118.0	95.4	135.4
79	29.7	9.9	49.9



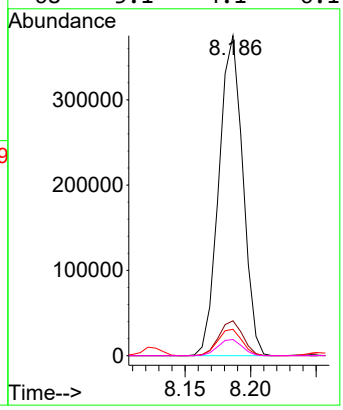


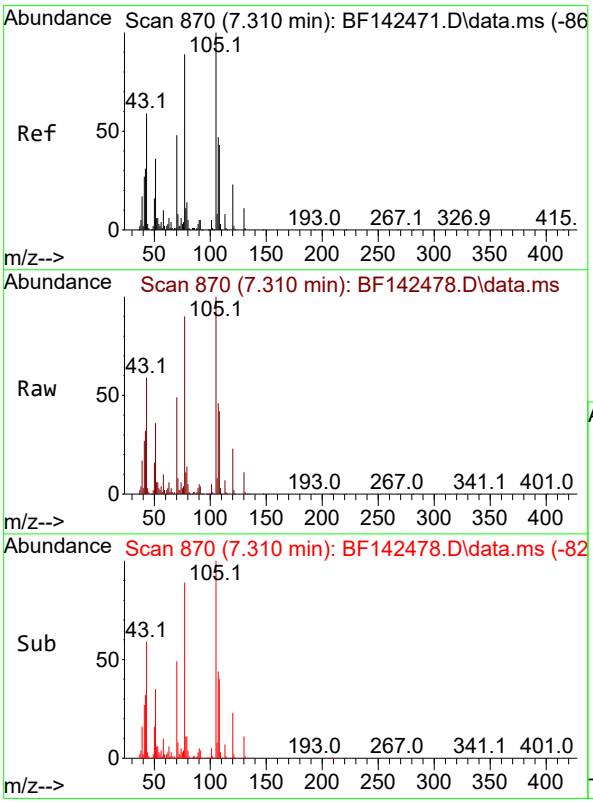
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 475212

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.3	6.6	10.0
68	5.1	4.1	6.1

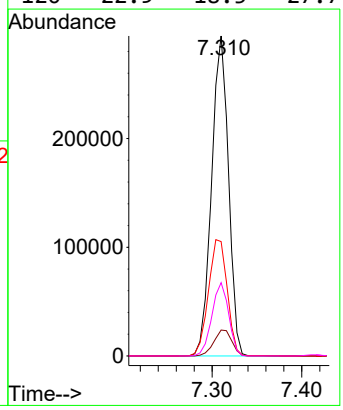


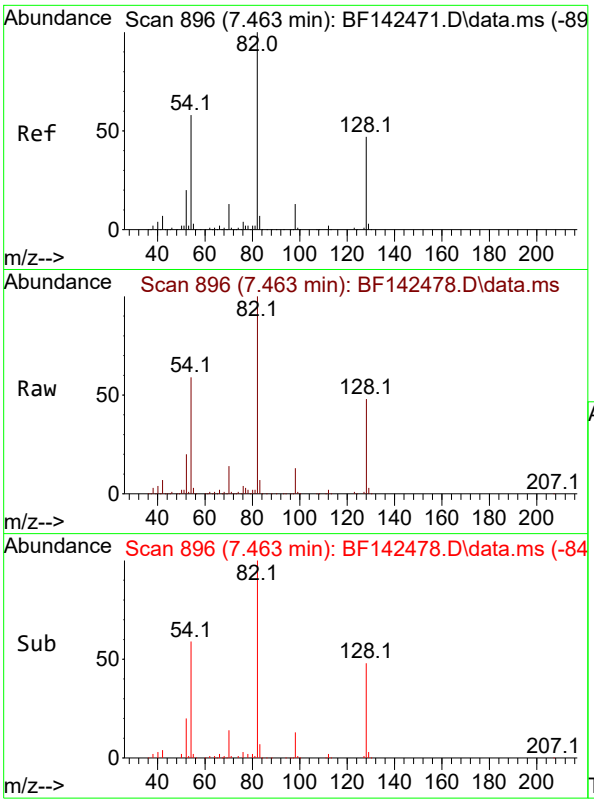


#22
Acetophenone
Concen: 36.591 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:105 Resp: 384928

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.4	9.6
51	35.8	28.6	42.8
120	22.9	18.5	27.7



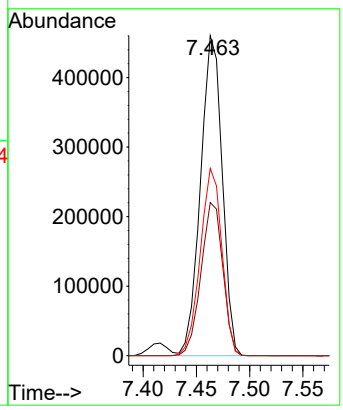


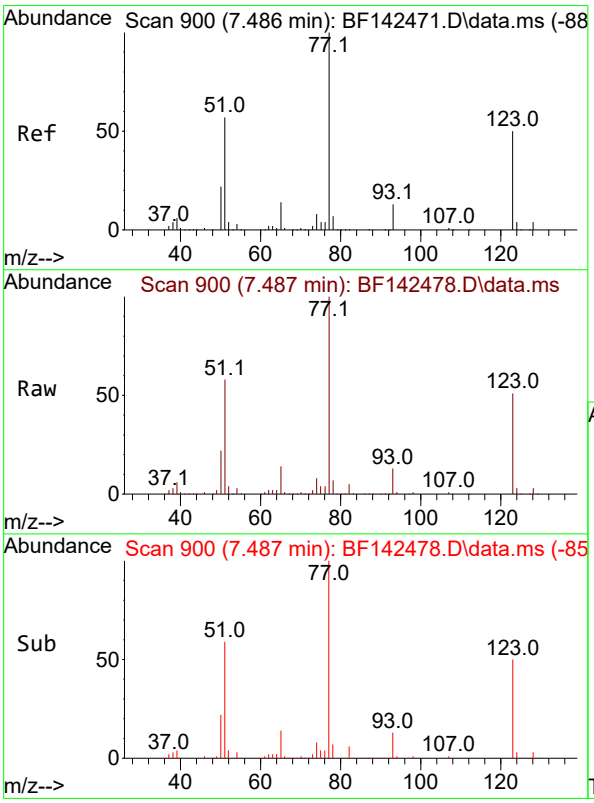
#23
Nitrobenzene-d5
Concen: 74.748 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 651420

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.4	56.2
54	58.5	46.6	70.0

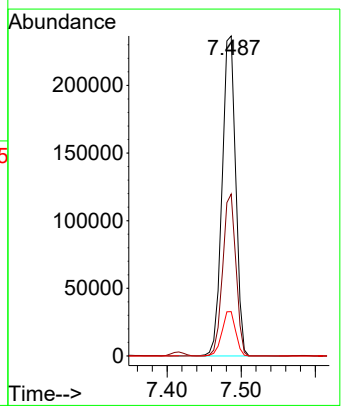


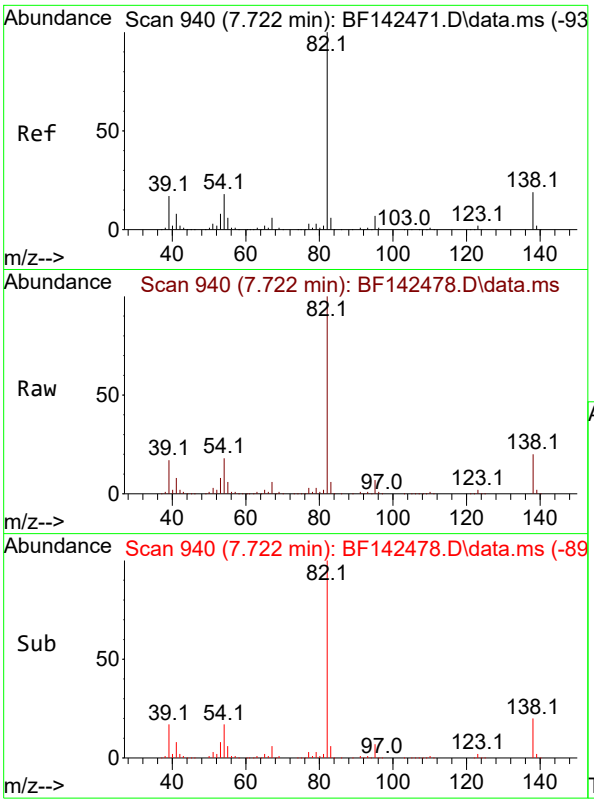


#24
Nitrobenzene
Concen: 38.366 ng
RT: 7.487 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 77 Resp: 301561

Ion	Ratio	Lower	Upper
77	100		
123	50.6	40.6	61.0
65	13.9	11.4	17.2



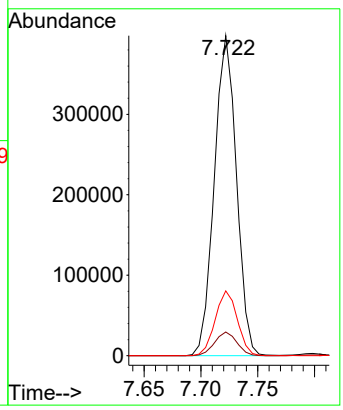


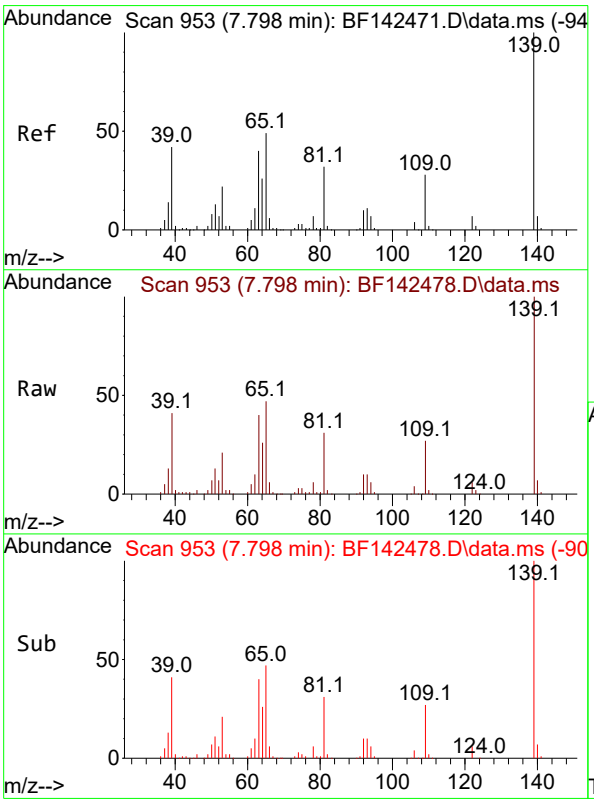
#25
Isophorone
Concen: 37.046 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 539792

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.3	15.5	23.3

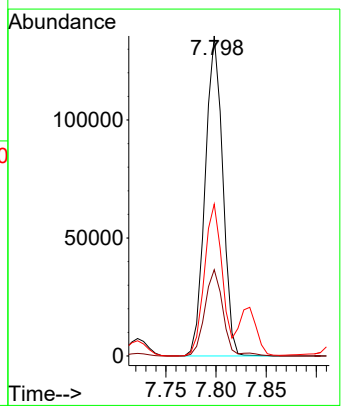


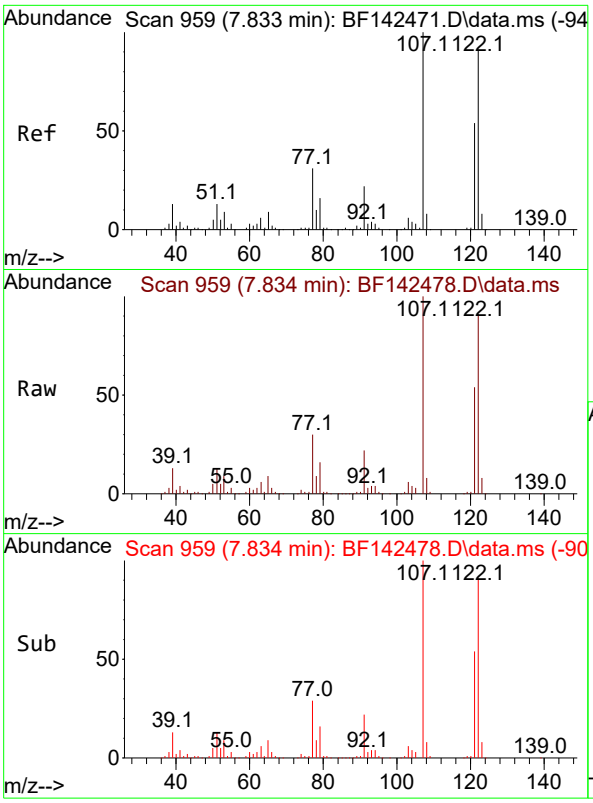


#26
2-Nitrophenol
Concen: 39.404 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:139 Resp: 165491

Ion	Ratio	Lower	Upper
139	100		
109	27.0	22.6	33.8
65	47.4	39.4	59.0



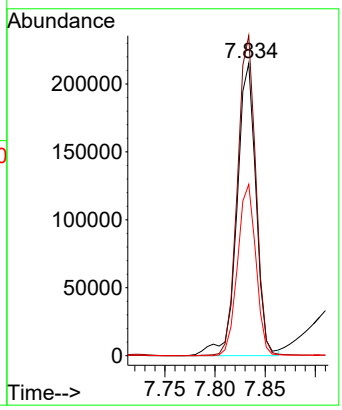


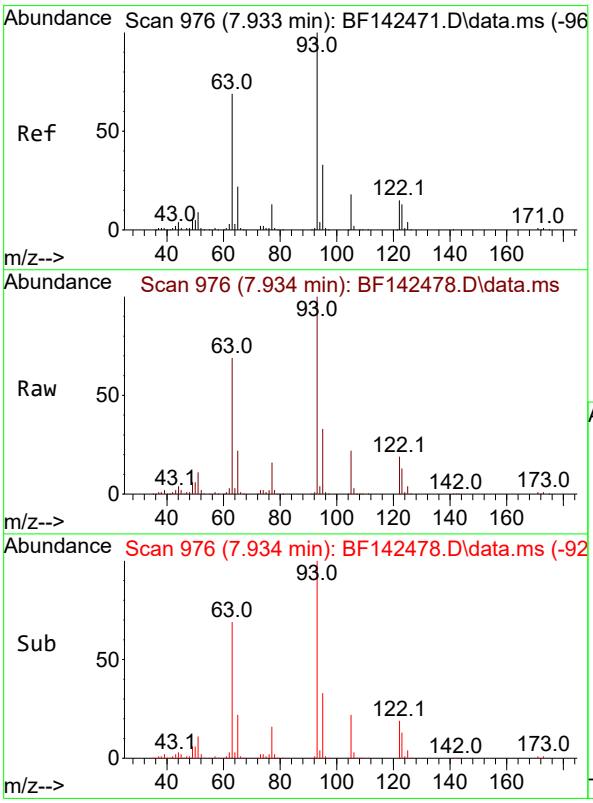
#27
2,4-Dimethylphenol
Concen: 38.464 ng
RT: 7.834 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 284888

Ion	Ratio	Lower	Upper
122	100		
107	109.5	88.1	132.1
121	58.6	47.3	70.9

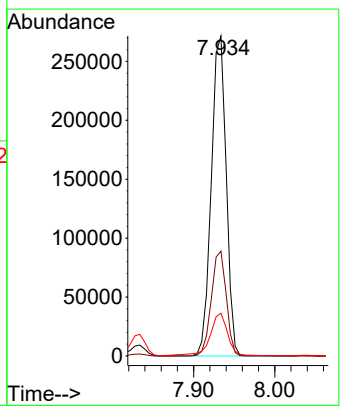


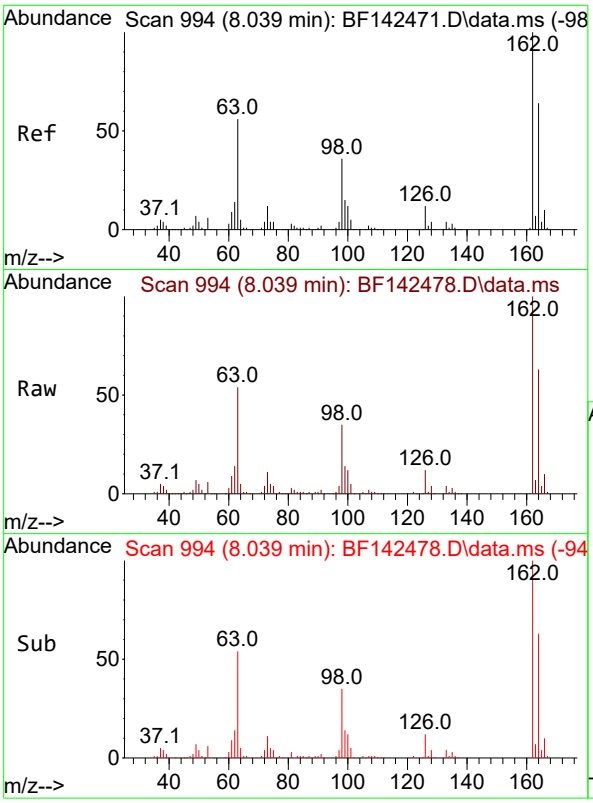


#28
bis(2-Chloroethoxy)methane
Concen: 38.052 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 93 Resp: 346347

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	13.3	10.6	15.8



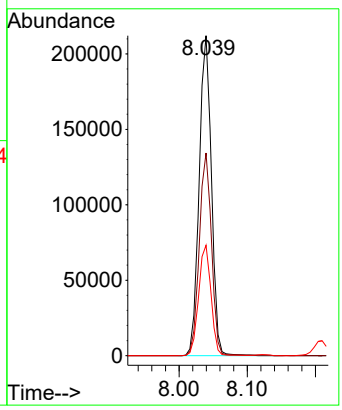


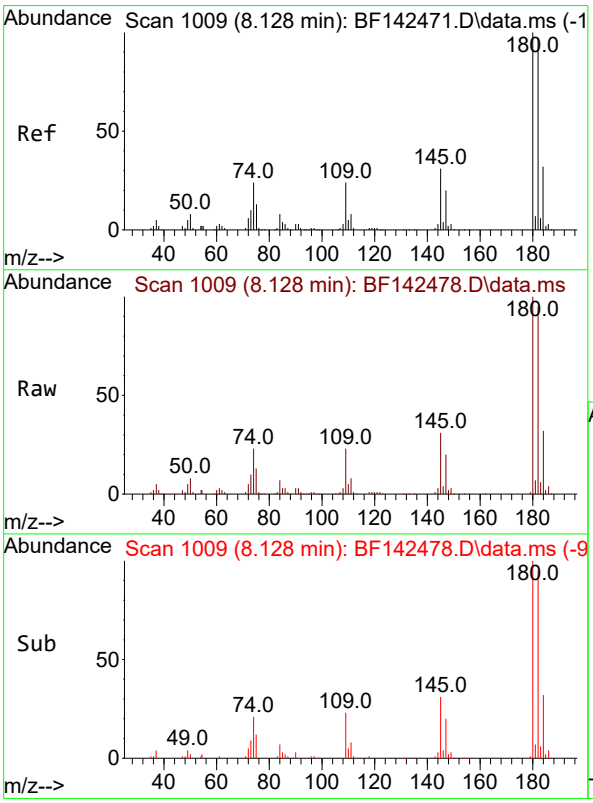
#29
2,4-Dichlorophenol
Concen: 39.287 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 264622

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.7	83.7
98	34.5	15.5	55.5

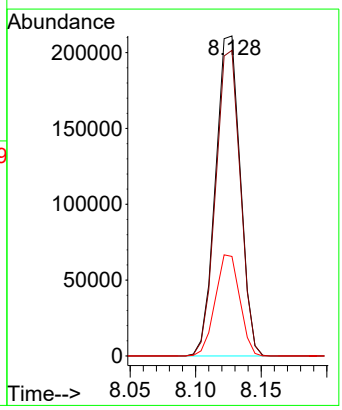


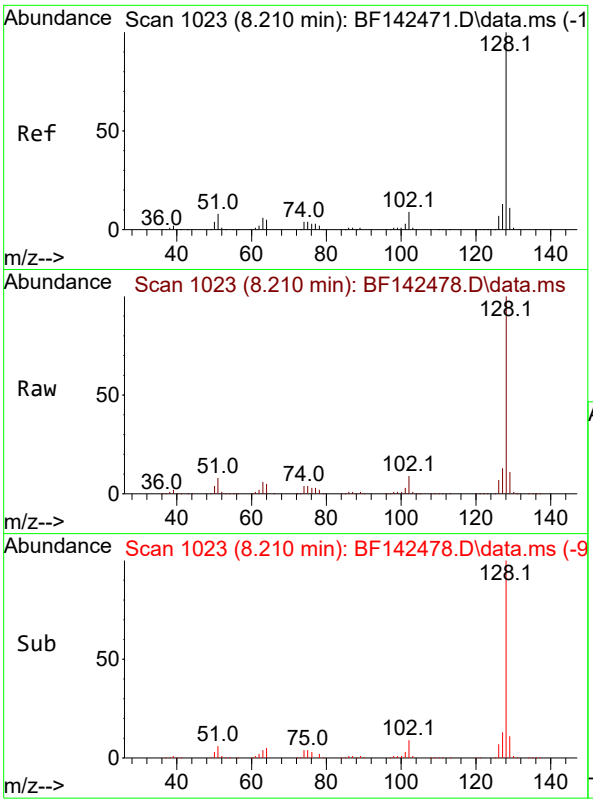


#30
1,2,4-Trichlorobenzene
Concen: 37.854 ng
RT: 8.128 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:180 Resp: 276712

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.0	117.0
145	31.1	25.0	37.6



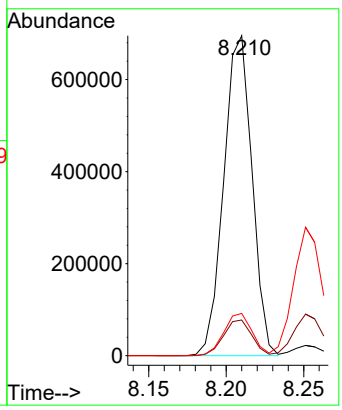


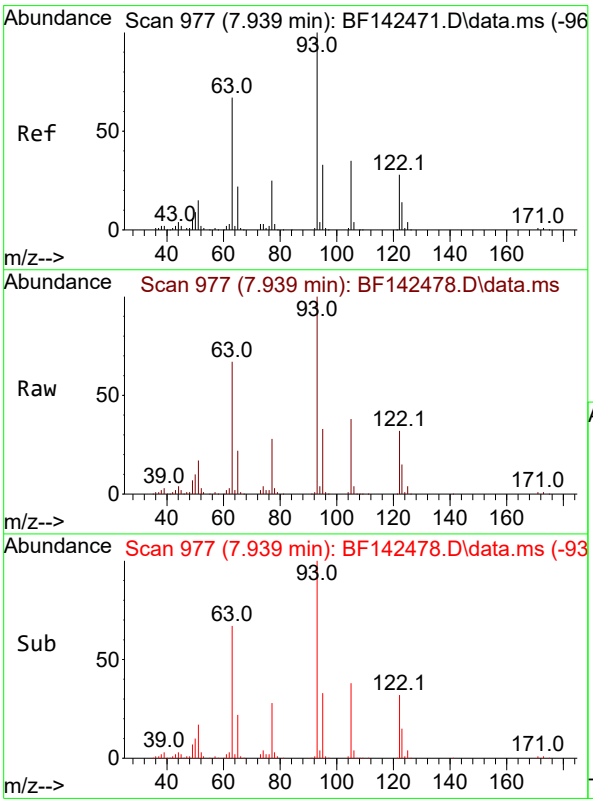
#31
Naphthalene
Concen: 37.710 ng
RT: 8.210 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 882389

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.5	15.7

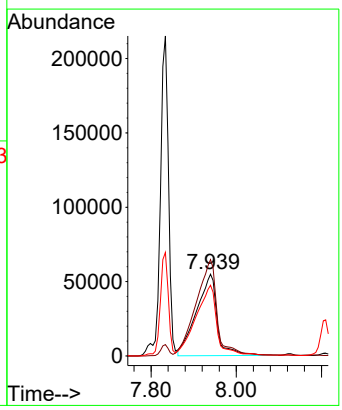


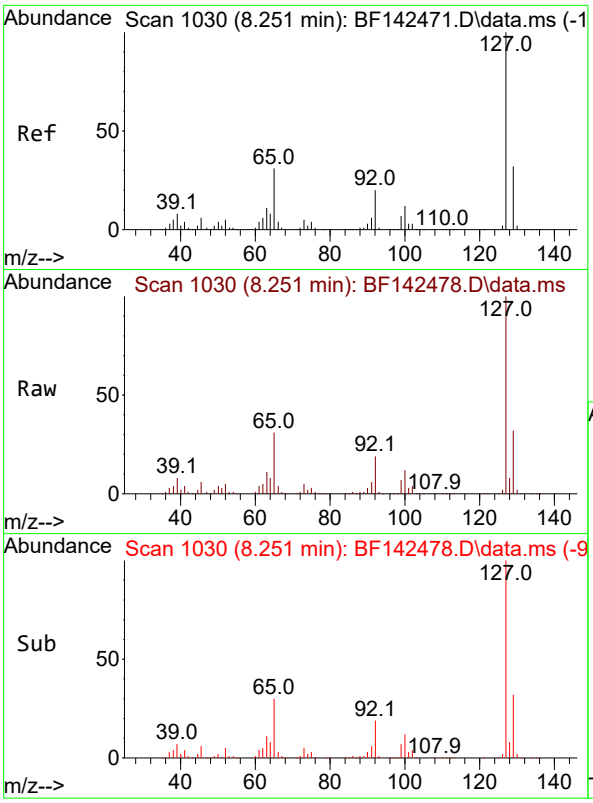


#32
Benzoic acid
Concen: 41.165 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.036 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:122 Resp: 185594

Ion	Ratio	Lower	Upper
122	100		
105	117.8	101.7	141.7
77	86.5	69.5	109.5



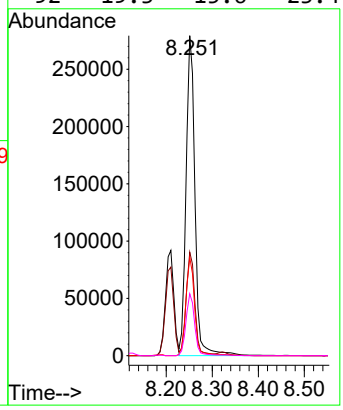


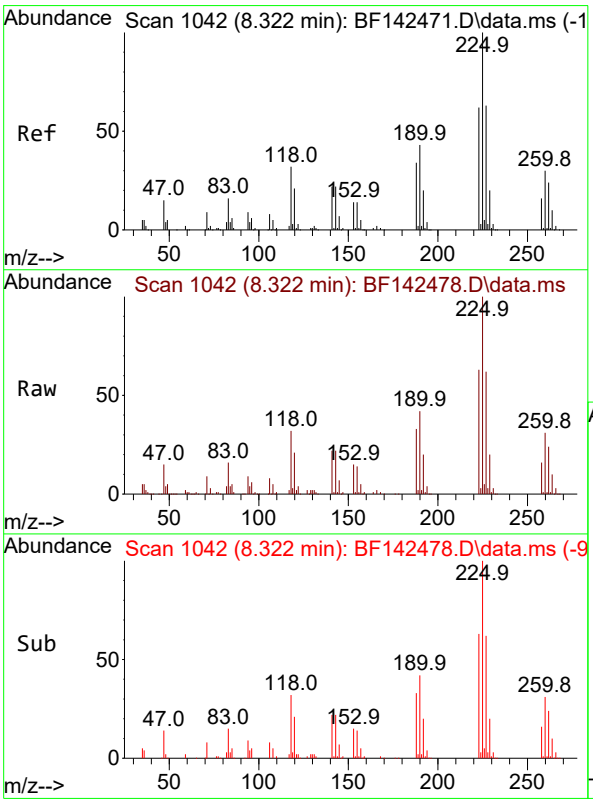
#33
4-Chloroaniline
Concen: 39.361 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 373200

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.7	24.9	37.3
92	19.3	15.6	23.4

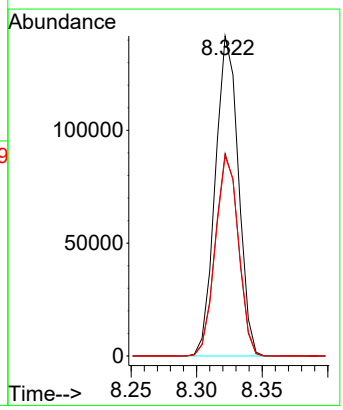


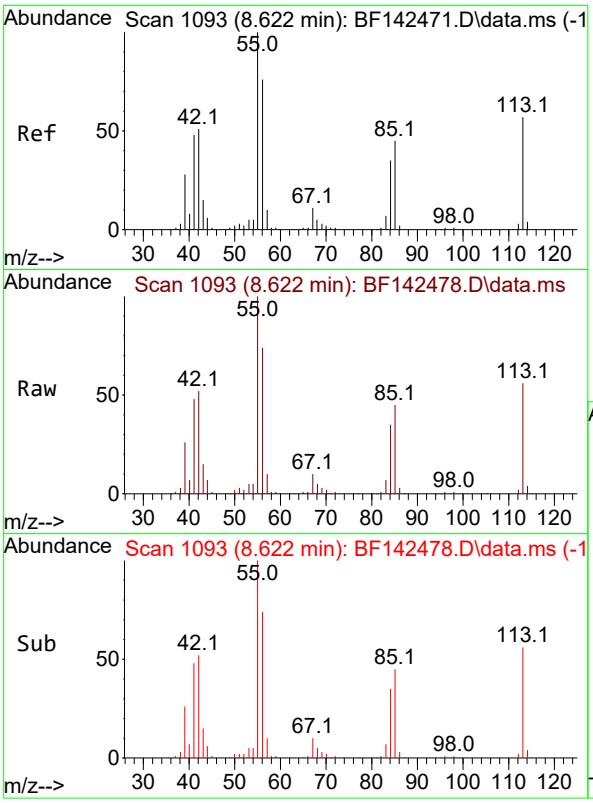


#34
Hexachlorobutadiene
Concen: 37.923 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:225 Resp: 173096

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	62.4	50.3	75.5



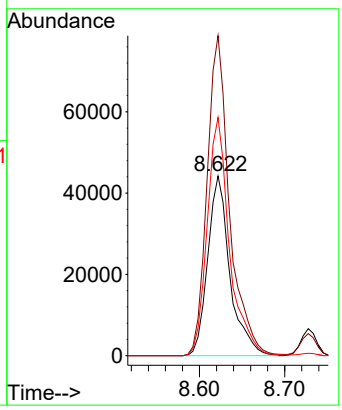


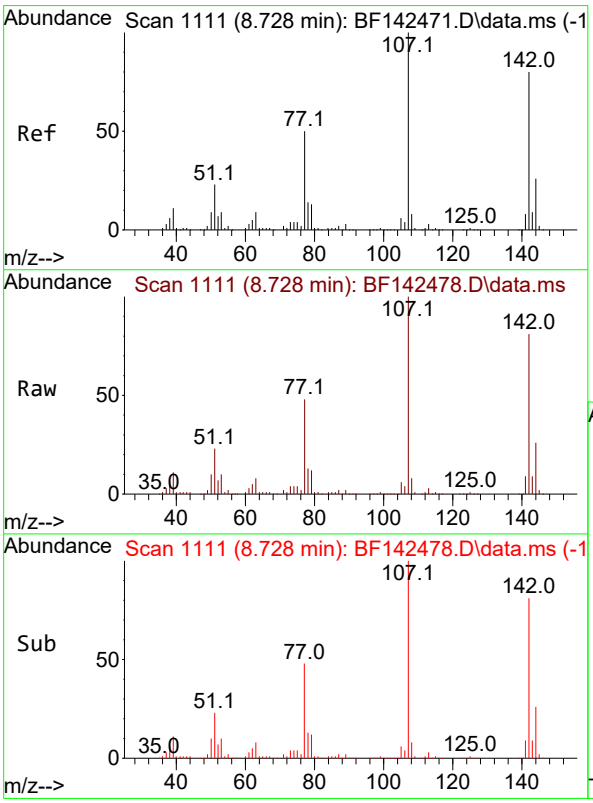
#35
Caprolactam
Concen: 42.190 ng
RT: 8.622 min Scan# 1
Delta R.T. -0.023 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 79814

Ion	Ratio	Lower	Upper
113	100		
55	178.0	154.7	194.7
56	132.6	113.2	153.2

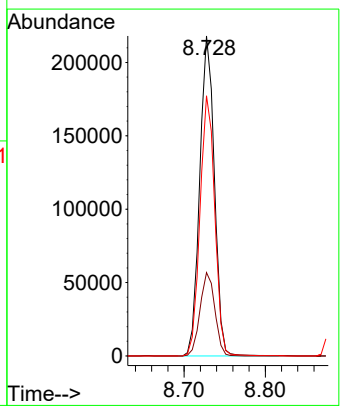


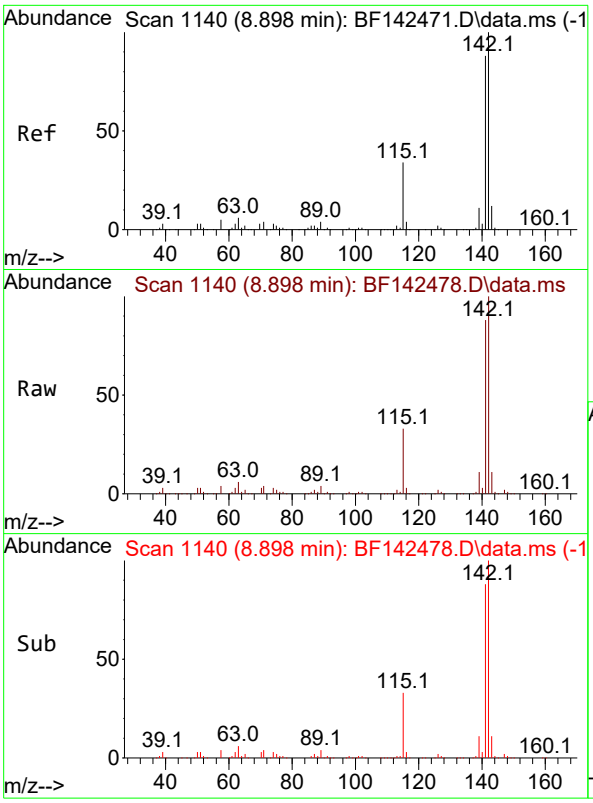


#36
4-Chloro-3-methylphenol
Concen: 39.543 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:107 Resp: 272961

Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.9	31.3
142	81.3	64.2	96.2



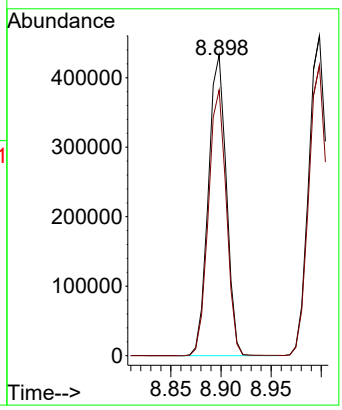


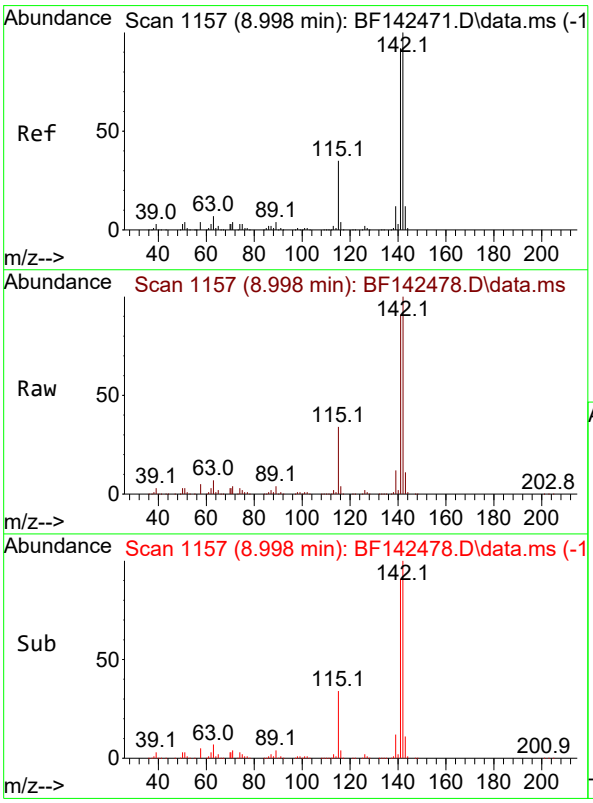
#37
2-Methylnaphthalene
Concen: 36.785 ng
RT: 8.898 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 541505

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

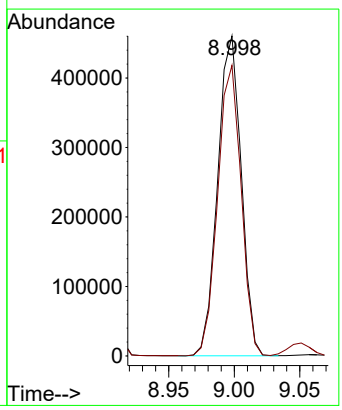


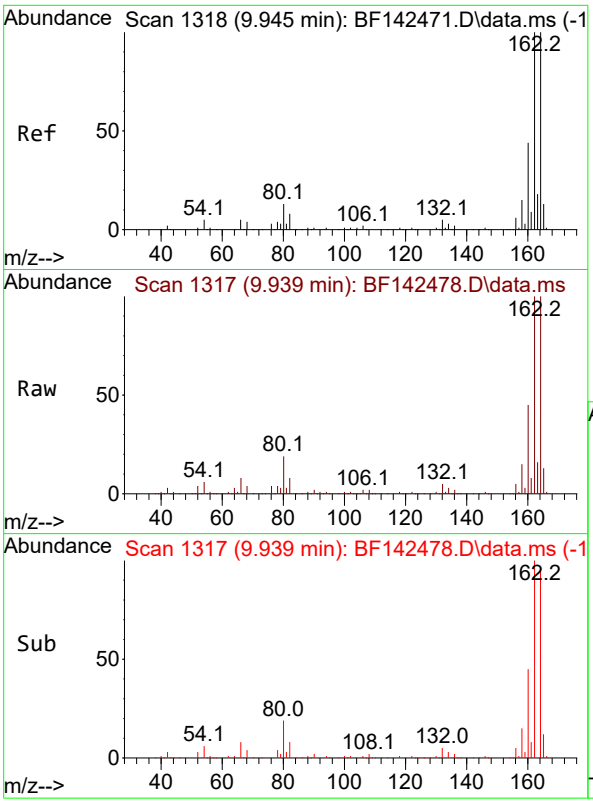


#38
1-Methylnaphthalene
Concen: 37.677 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:142 Resp: 573711

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.4	110.2



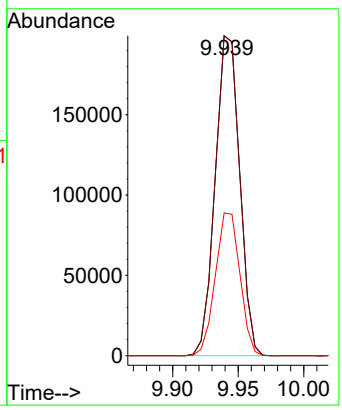


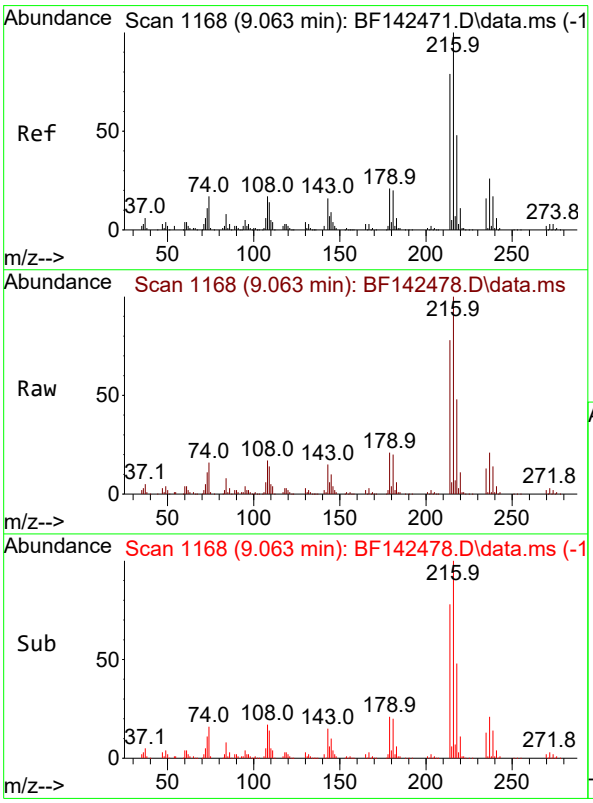
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 258765

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	44.6	35.6	53.4

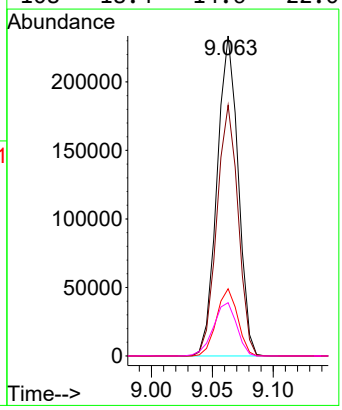


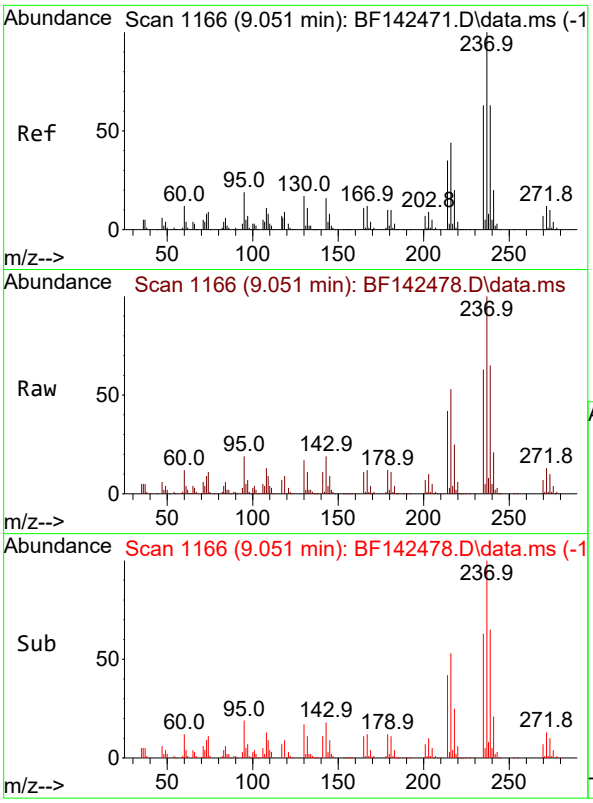


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.950 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:216 Resp: 281896

Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.9	94.3
179	21.1	16.9	25.3
108	18.4	14.6	22.0



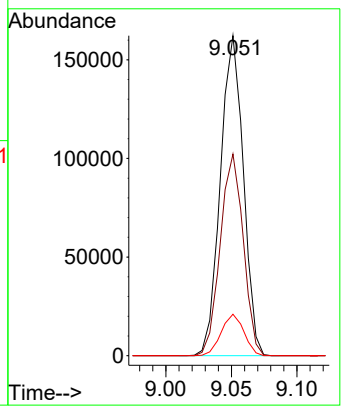


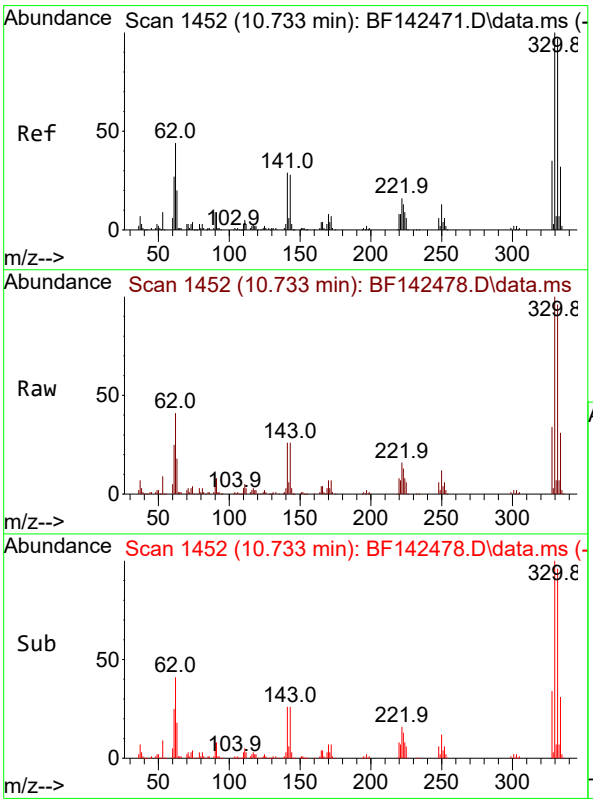
#41
Hexachlorocyclopentadiene
Concen: 39.361 ng
RT: 9.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 197231

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.3	83.3
272	13.0	0.0	32.4

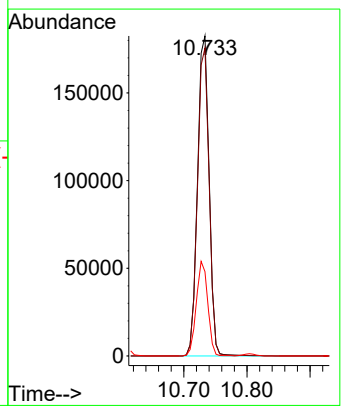


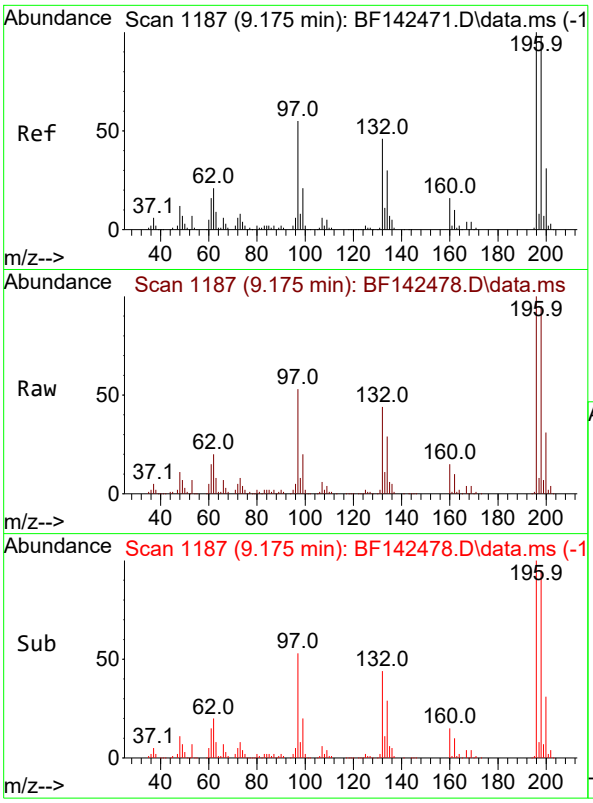


#42
2,4,6-Tribromophenol
Concen: 80.978 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:330 Resp: 232567

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	29.2	24.6	36.8



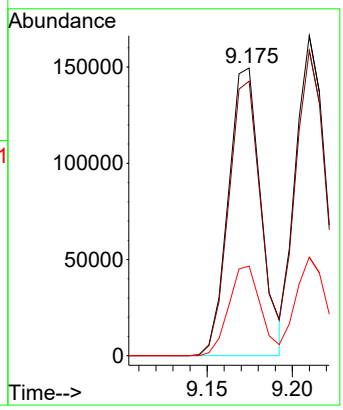


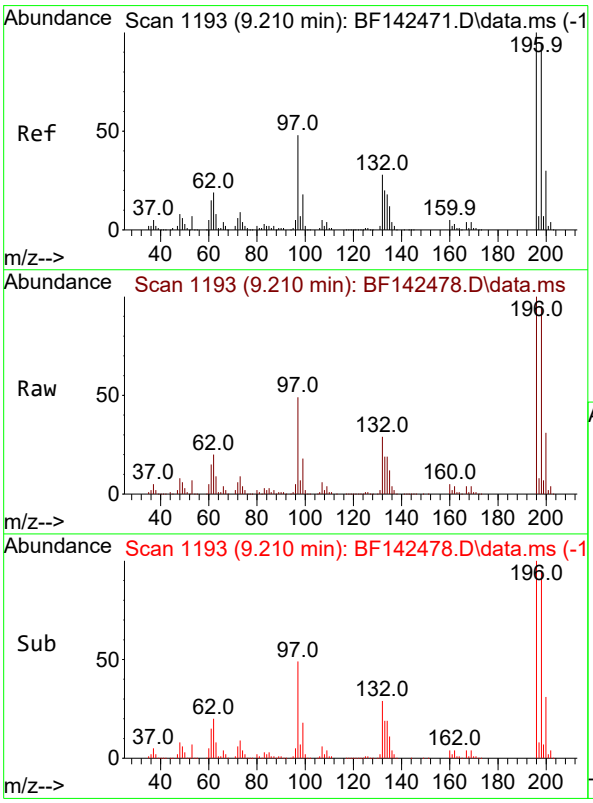
#43
2,4,6-Trichlorophenol
Concen: 39.608 ng
RT: 9.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 198391

Ion	Ratio	Lower	Upper
196	100		
198	95.4	78.8	118.2
200	31.1	24.9	37.3

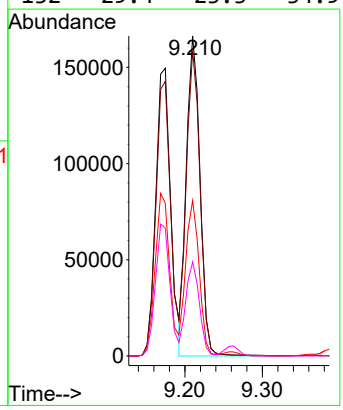


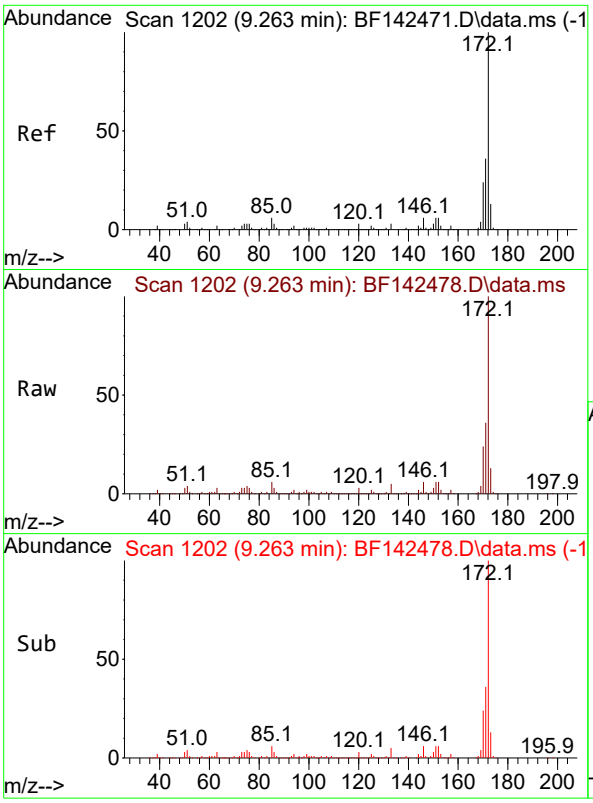


#44
2,4,5-Trichlorophenol
Concen: 38.818 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:196 Resp: 205060

Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.5	113.3
97	48.6	39.3	58.9
132	29.4	23.3	34.9



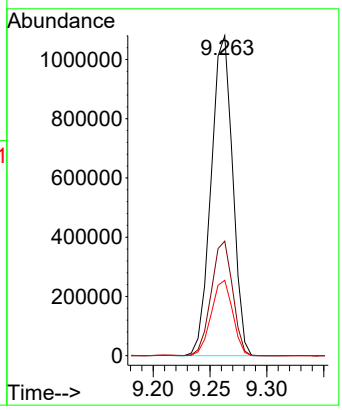


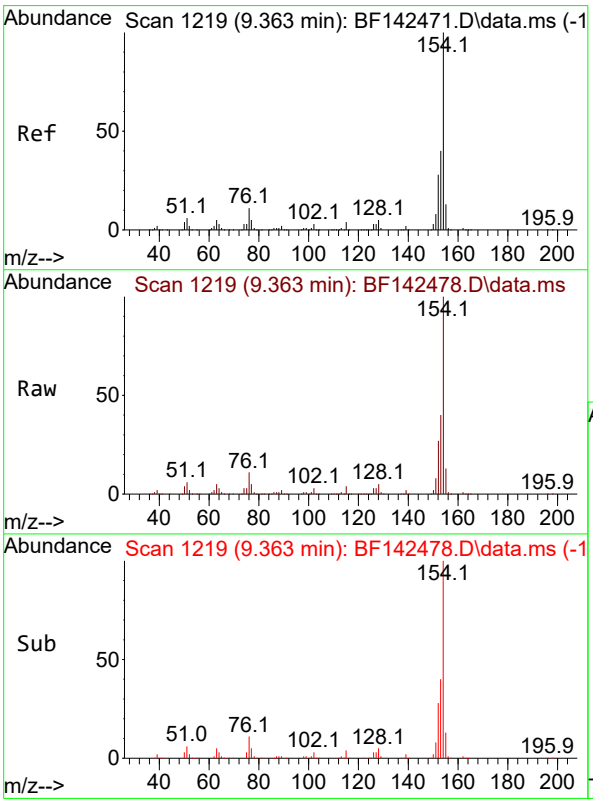
#45
2-Fluorobiphenyl
Concen: 73.721 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1421641

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.6	18.9	28.3

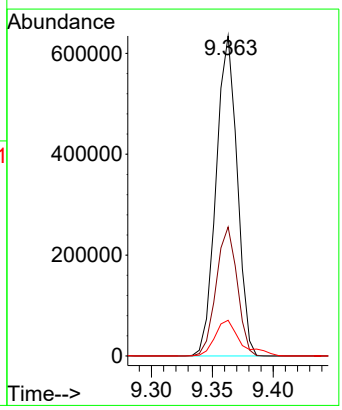


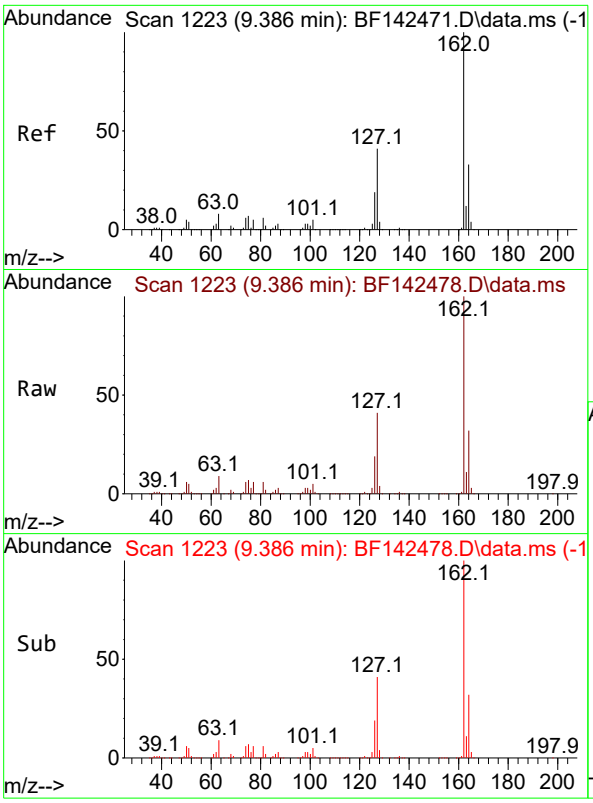


#46
1,1'-Biphenyl
Concen: 38.077 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:154 Resp: 764423

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	11.2	0.0	30.8



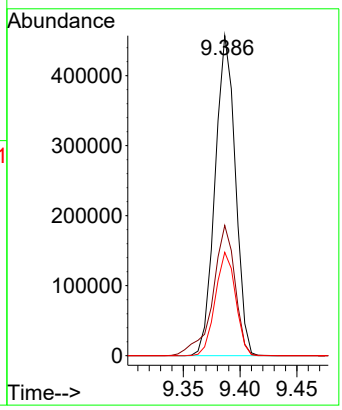


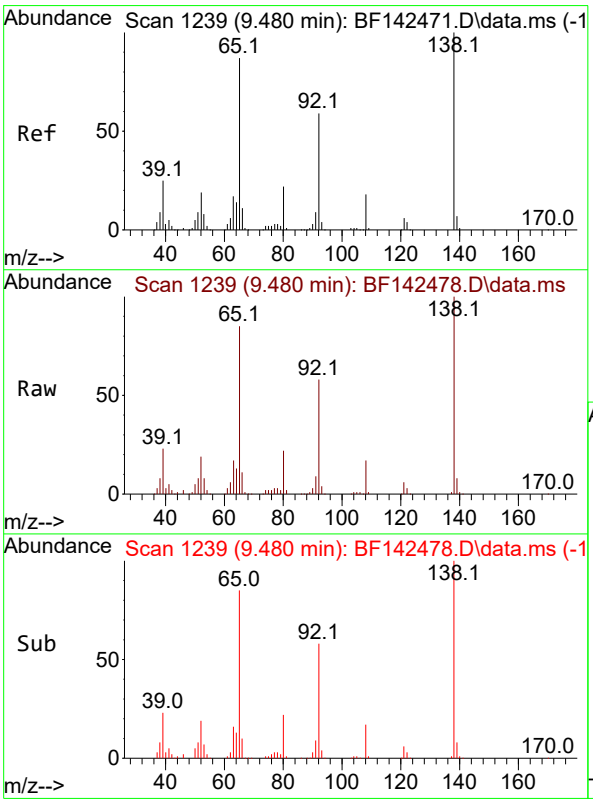
#47
2-Chloronaphthalene
Concen: 38.309 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 568213

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.5	50.3
164	32.3	26.1	39.1

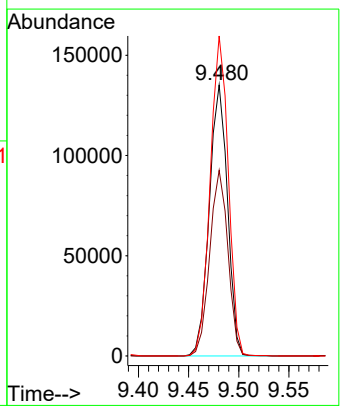


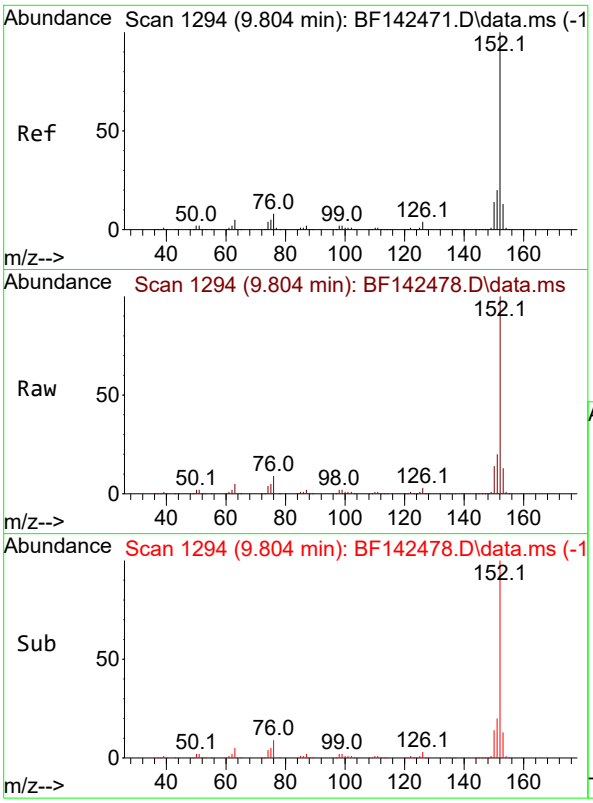


#48
2-Nitroaniline
Concen: 39.983 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion: 65 Resp: 171415

Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.4	81.6
138	118.0	91.4	137.2



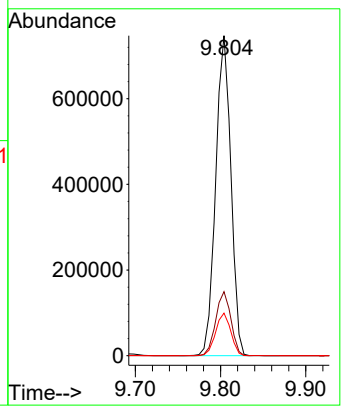


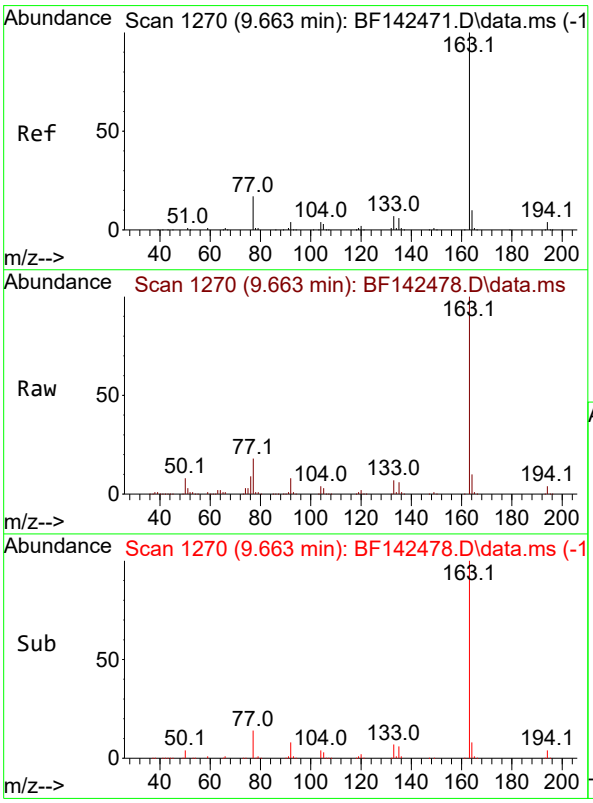
#49
Acenaphthylene
Concen: 37.095 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 929079

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.3	10.6	15.8

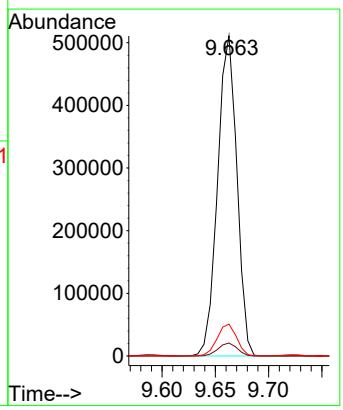


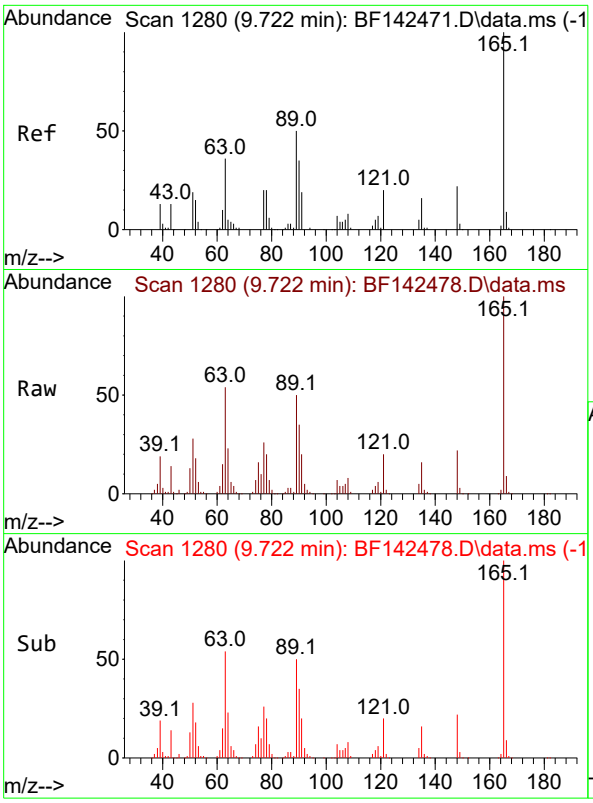


#50
Dimethylphthalate
Concen: 37.620 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:163 Resp: 642337

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.2	12.4



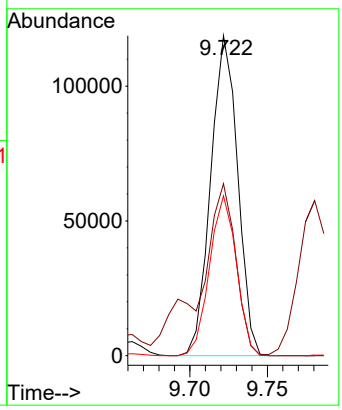


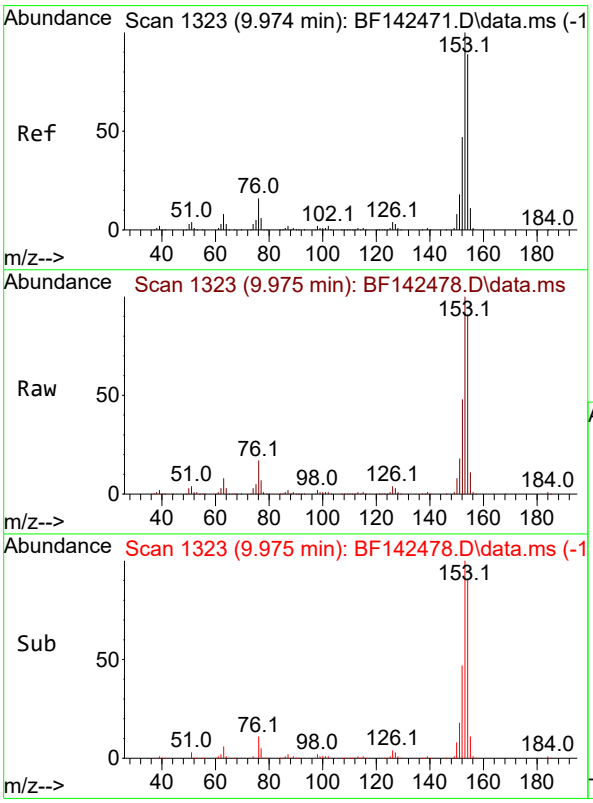
#51
2,6-Dinitrotoluene
Concen: 39.000 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 143720

Ion	Ratio	Lower	Upper
165	100		
63	53.7	42.9	64.3
89	50.0	40.2	60.4

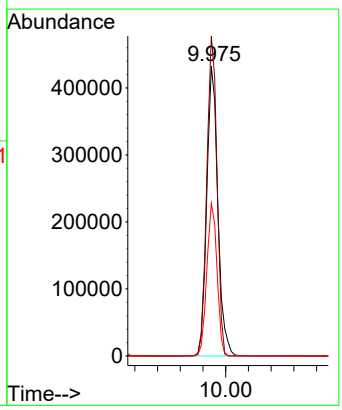


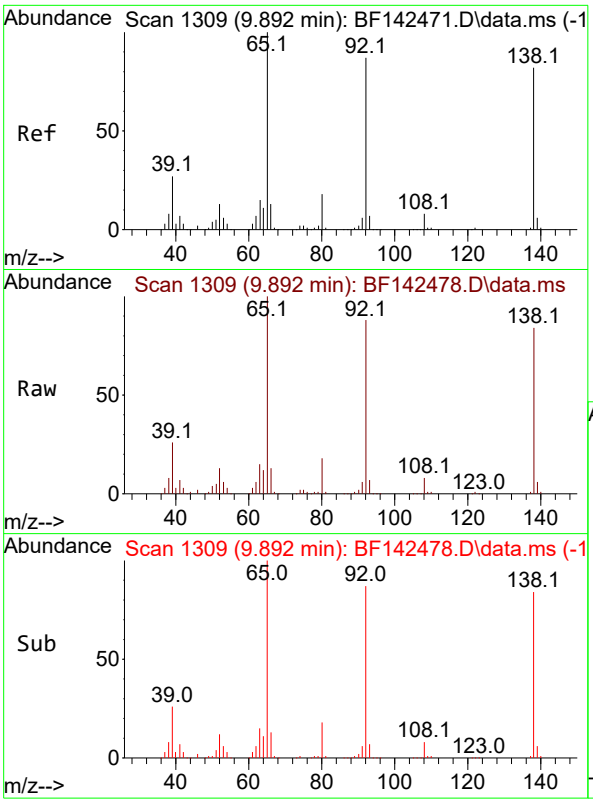


#52
Acenaphthene
Concen: 38.082 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:154 Resp: 582417

Ion	Ratio	Lower	Upper
154	100		
153	110.5	90.0	135.0
152	52.7	42.6	64.0



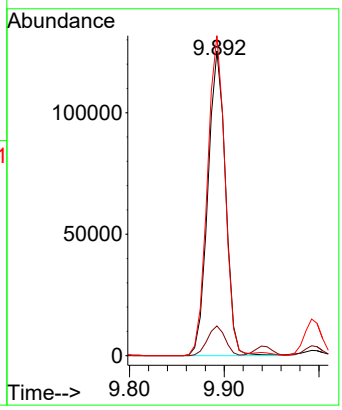


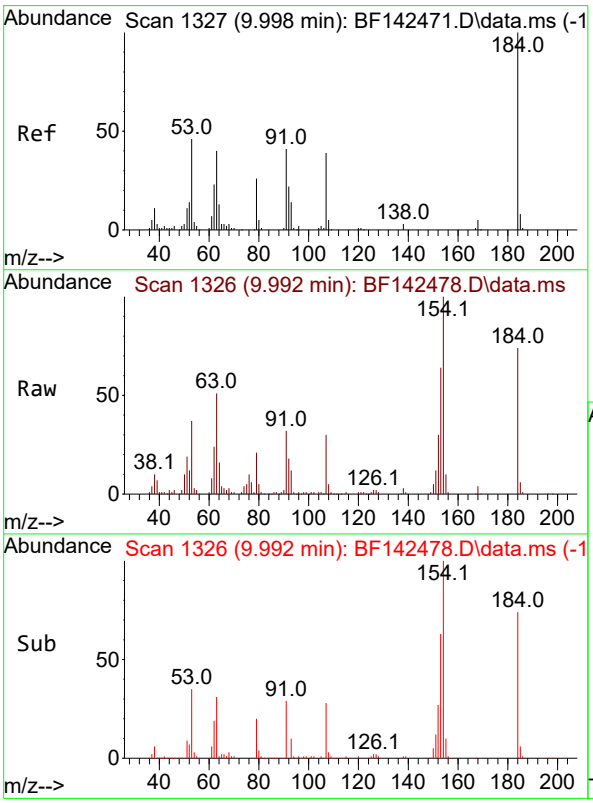
#53
3-Nitroaniline
Concen: 40.154 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 161621

Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.1	12.1
92	105.0	85.2	127.8

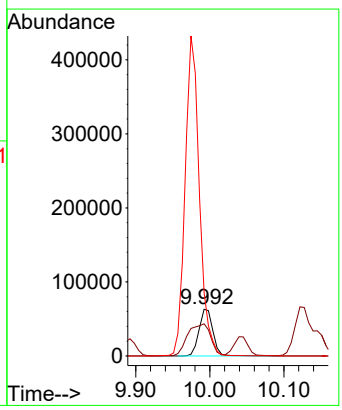


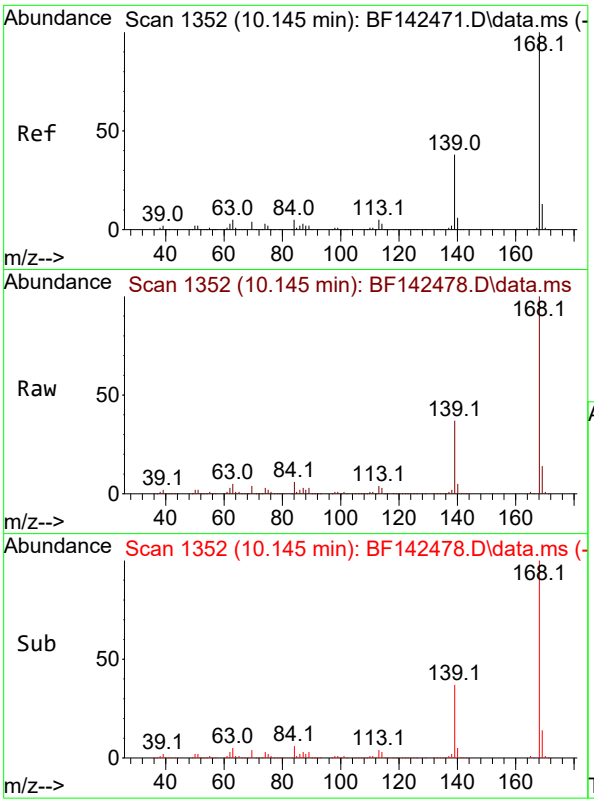


#54
2,4-Dinitrophenol
Concen: 43.128 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:184 Resp: 82111

Ion	Ratio	Lower	Upper
184	100		
63	68.8	46.3	69.5
154	135.6	56.8	85.2#



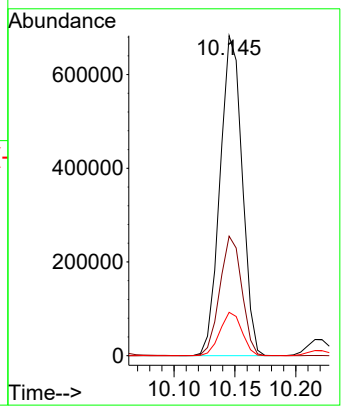


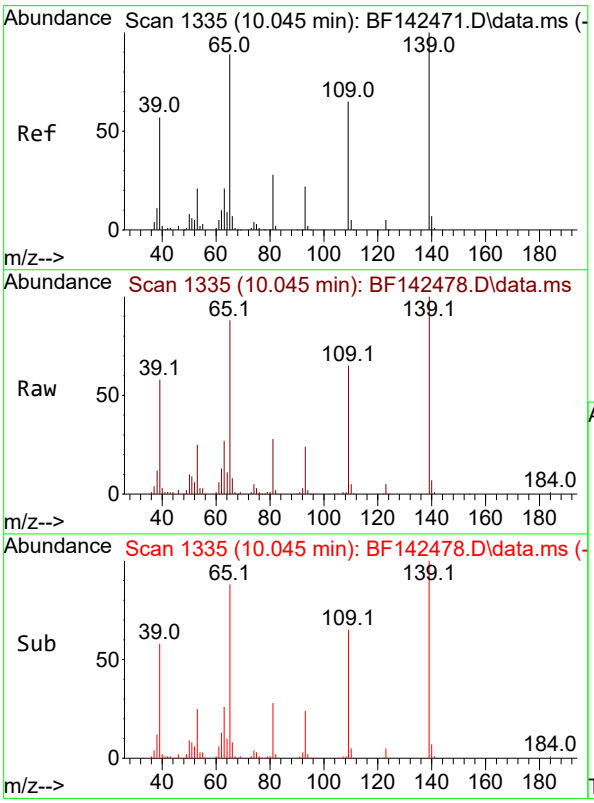
#55
Dibenzofuran
Concen: 39.319 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 865331

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.2	45.2
169	13.5	10.7	16.1

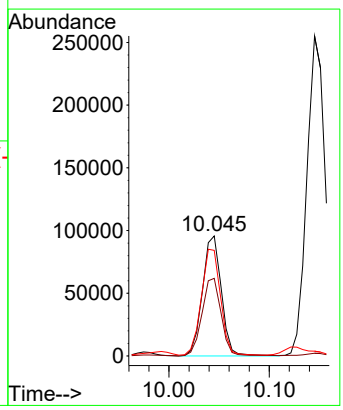


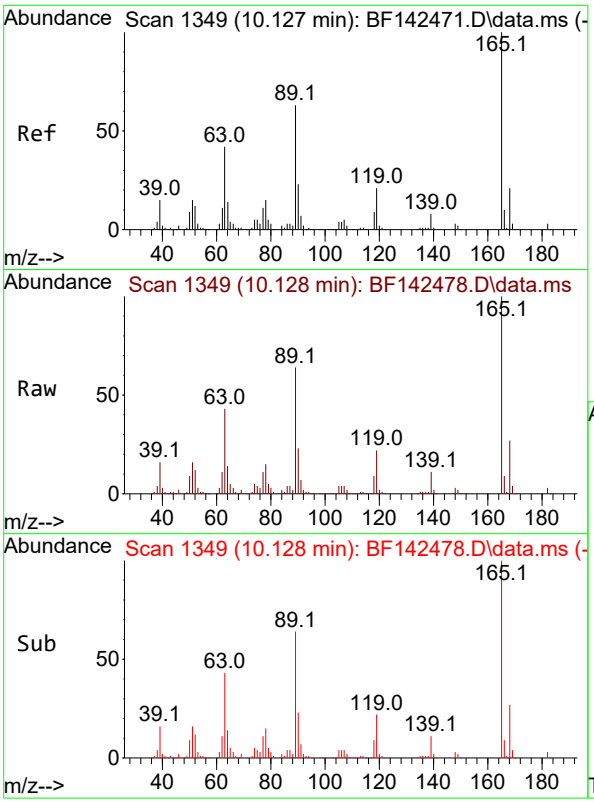


#56
4-Nitrophenol
Concen: 42.389 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:139 Resp: 125889

Ion	Ratio	Lower	Upper
139	100		
109	64.7	45.1	85.1
65	88.0	69.7	109.7



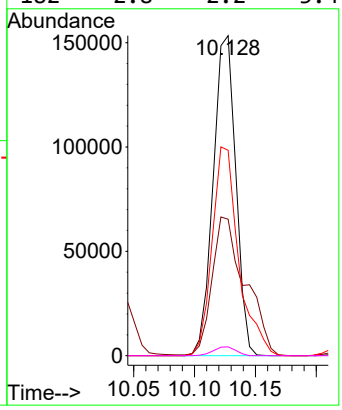


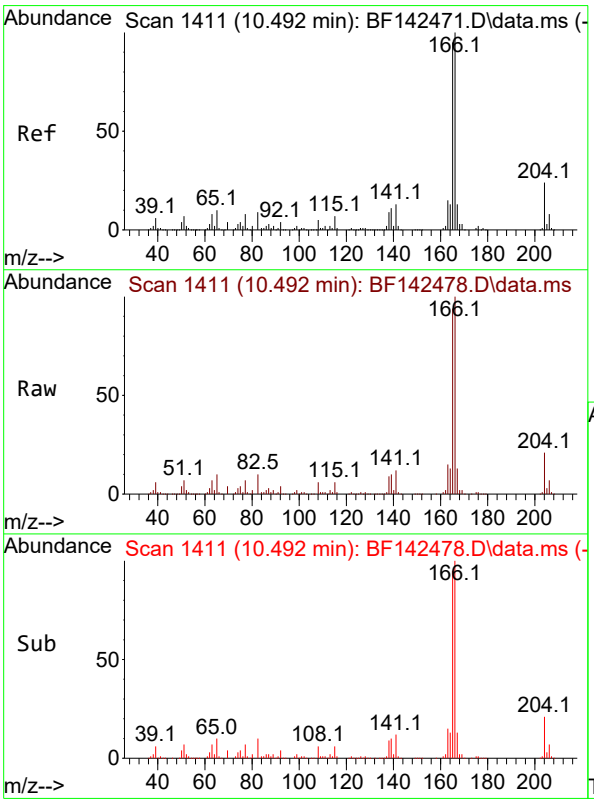
#57
2,4-Dinitrotoluene
Concen: 41.203 ng
RT: 10.128 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 198299

Ion	Ratio	Lower	Upper
165	100		
63	42.7	33.6	50.4
89	64.2	50.2	75.4
182	2.8	2.2	3.4

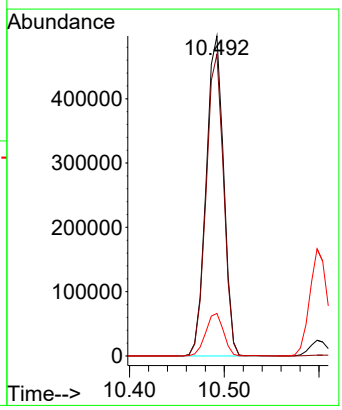


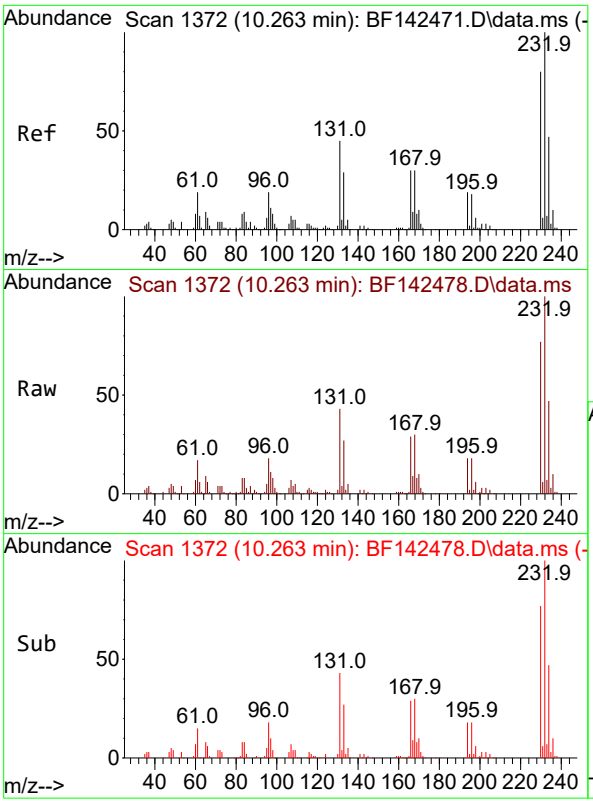


#58
Fluorene
Concen: 37.421 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:166 Resp: 636236

Ion	Ratio	Lower	Upper
166	100		
165	94.3	75.8	113.8
167	13.3	10.6	16.0



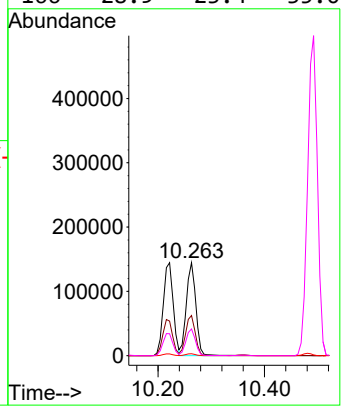


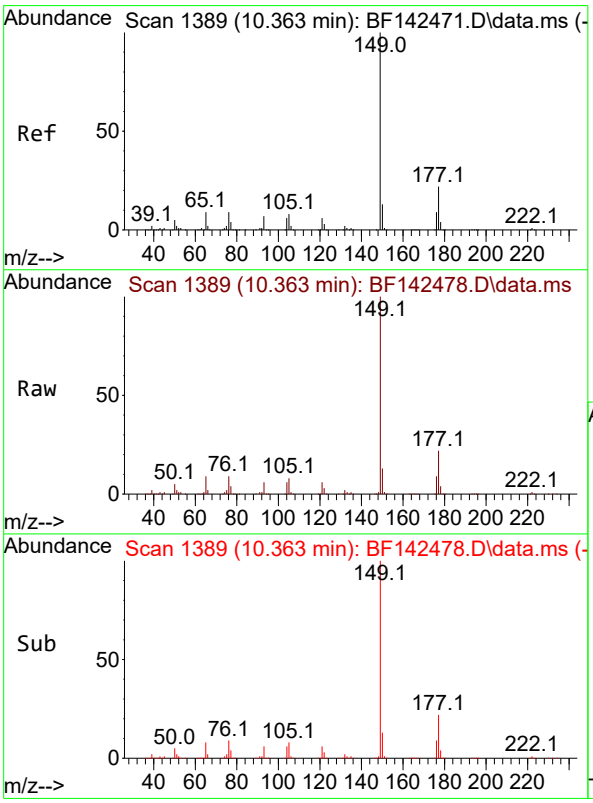
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.584 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 178973

Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.2	52.8
130	2.2	1.7	2.5
166	28.9	23.4	35.0

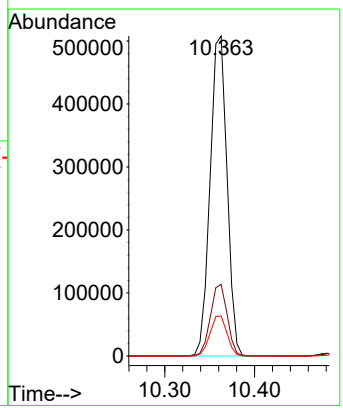


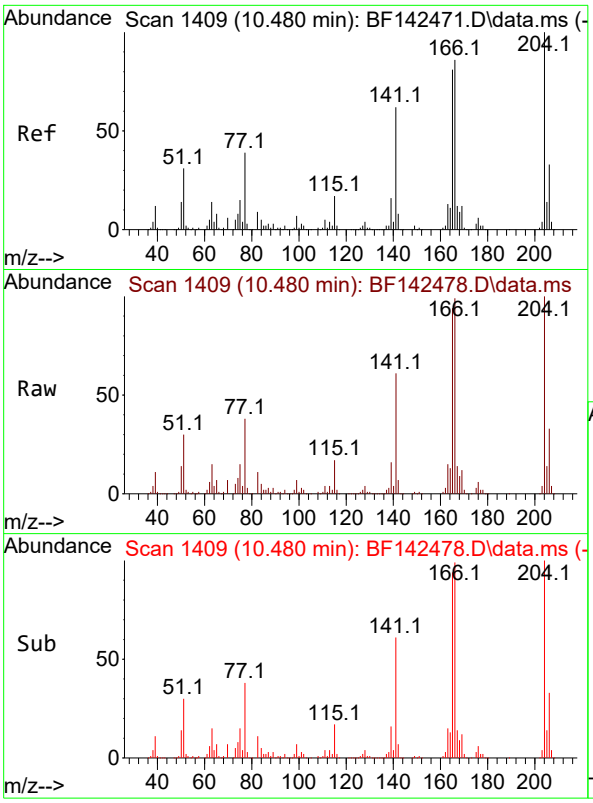


#60
Diethylphthalate
Concen: 39.920 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:149 Resp: 665684

Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.6	26.4
150	12.5	10.1	15.1



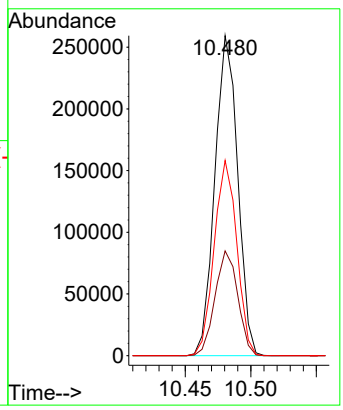


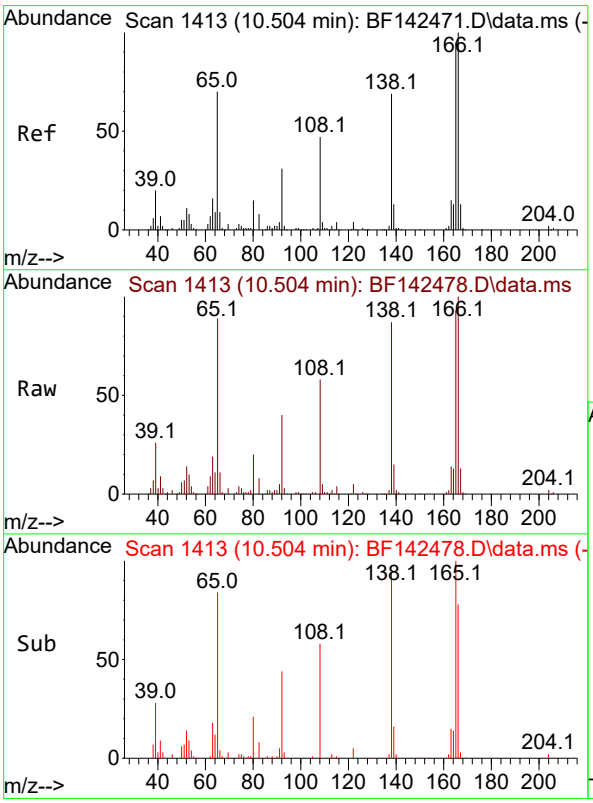
#61
4-Chlorophenyl-phenylether
Concen: 37.531 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 313464

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	61.0	49.5	74.3

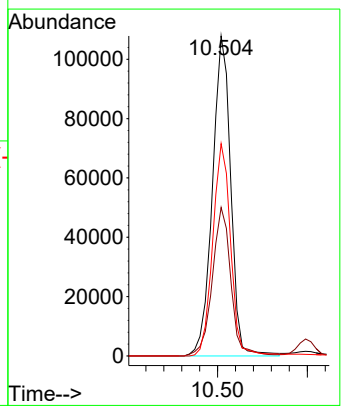


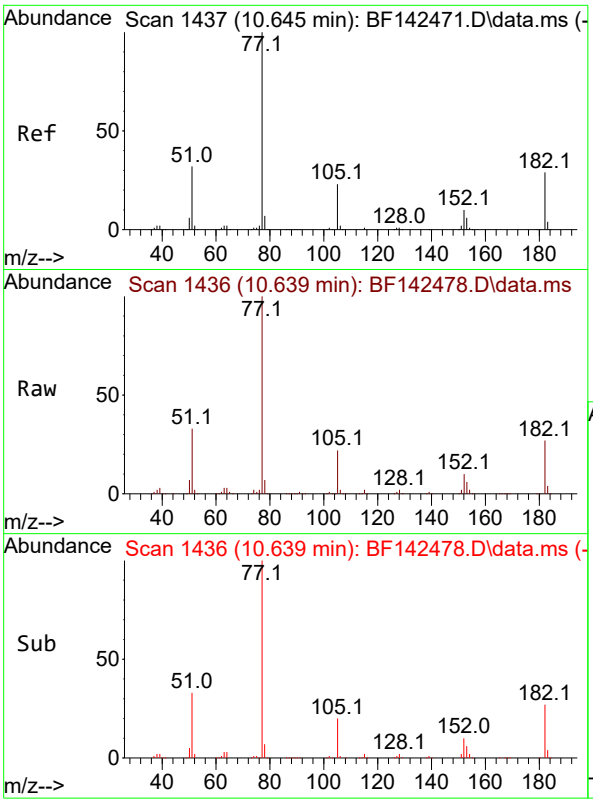


#62
4-Nitroaniline
Concen: 41.934 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:138 Resp: 153079

Ion	Ratio	Lower	Upper
138	100		
92	46.4	26.0	66.0
108	66.3	48.4	88.4



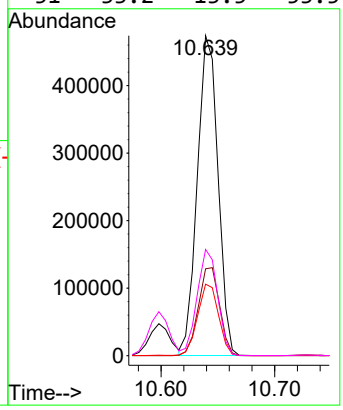


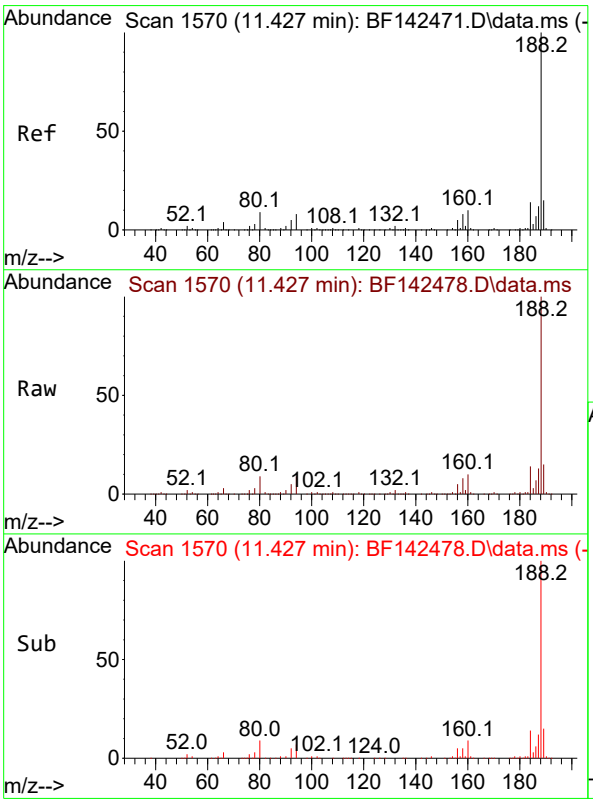
#63
Azobenzene
Concen: 40.078 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 600280

Ion	Ratio	Lower	Upper
77	100		
182	27.1	9.0	49.0
105	22.3	2.4	42.4
51	33.2	13.5	53.5

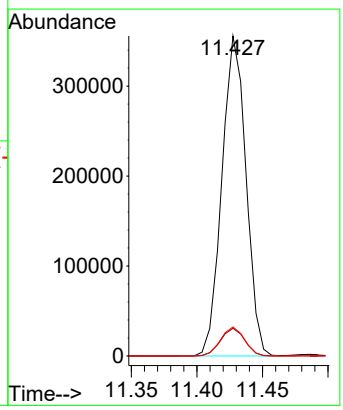


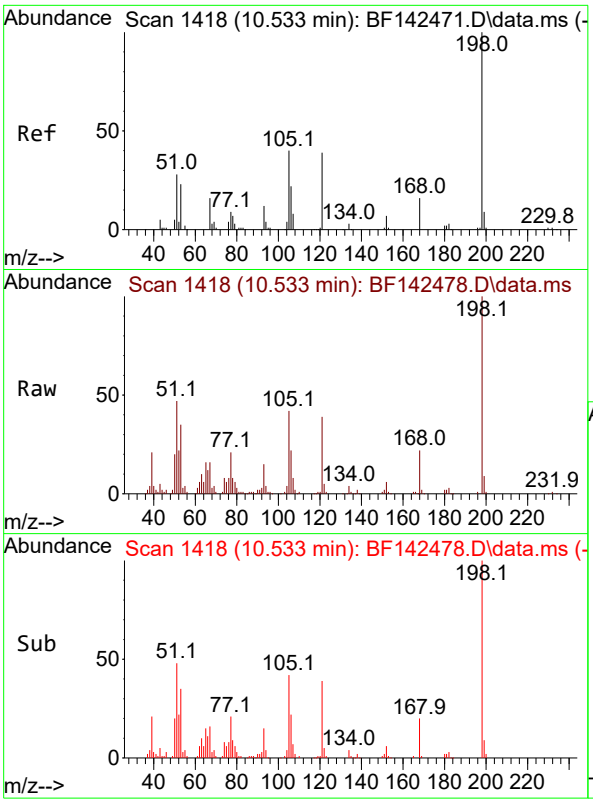


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:188 Resp: 454448

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.4	11.0



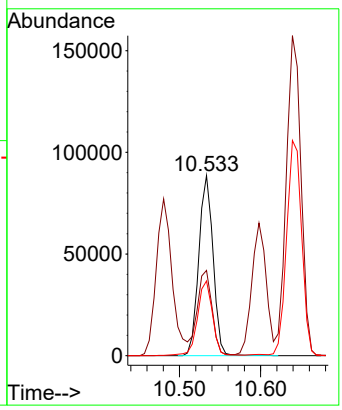


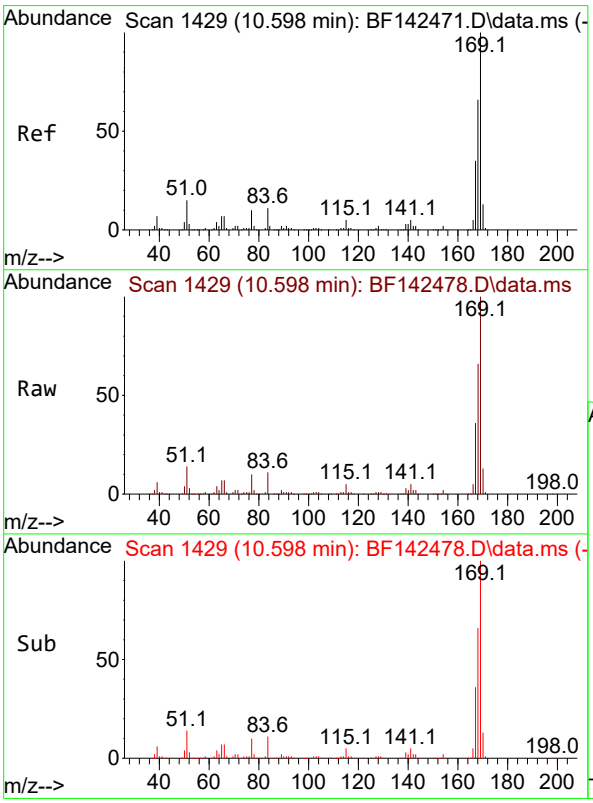
#65
4,6-Dinitro-2-methylphenol
Concen: 42.732 ng
RT: 10.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 108376

Ion	Ratio	Lower	Upper
198	100		
51	47.3	28.3	68.3
105	41.5	21.3	61.3

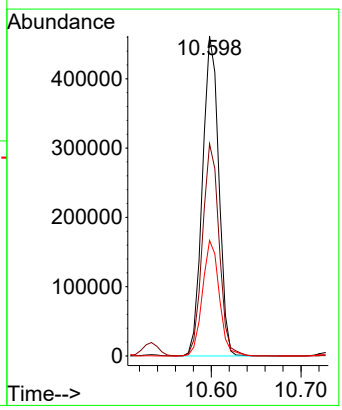


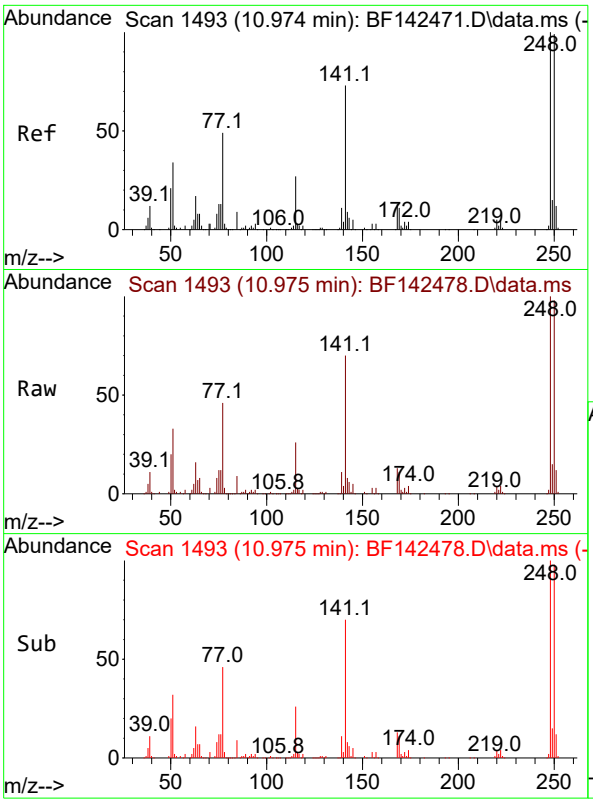


#66
n-Nitrosodiphenylamine
Concen: 37.498 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:169 Resp: 582997

Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.7	79.1
167	36.1	28.3	42.5



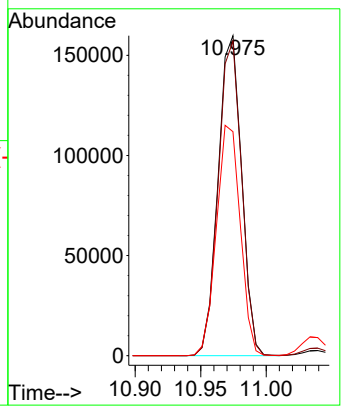


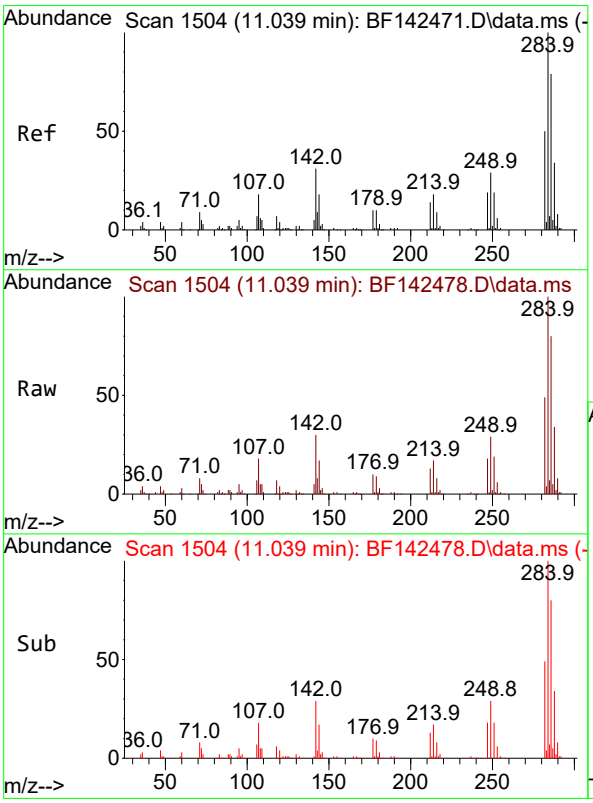
#67
4-Bromophenyl-phenylether
Concen: 37.092 ng
RT: 10.975 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 199315

Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.0	118.4
141	70.0	58.4	87.6

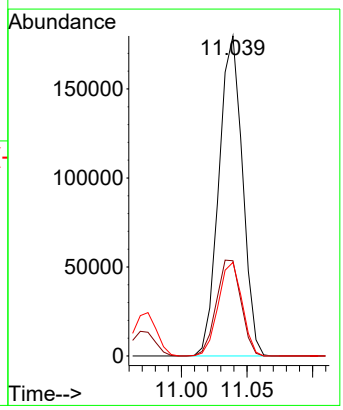


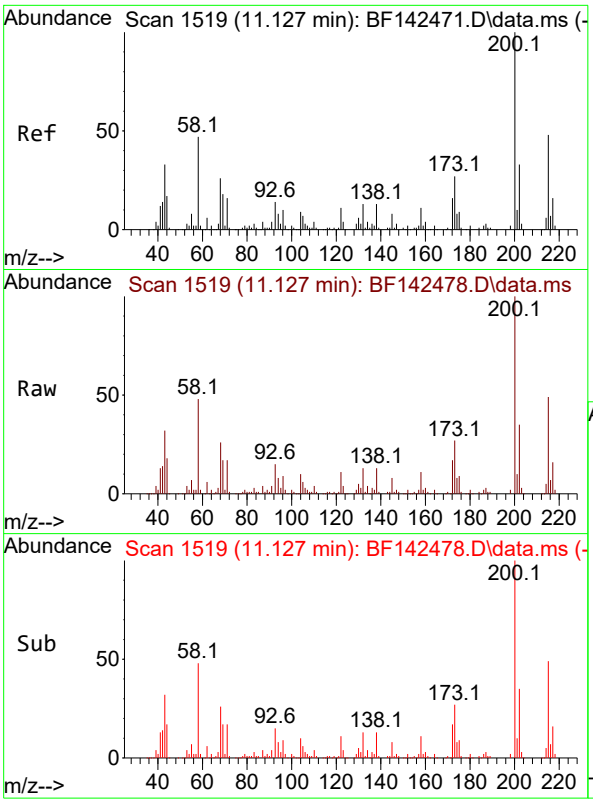


#68
Hexachlorobenzene
Concen: 37.832 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:284 Resp: 224843

Ion	Ratio	Lower	Upper
284	100		
142	29.7	24.8	37.2
249	29.3	23.6	35.4



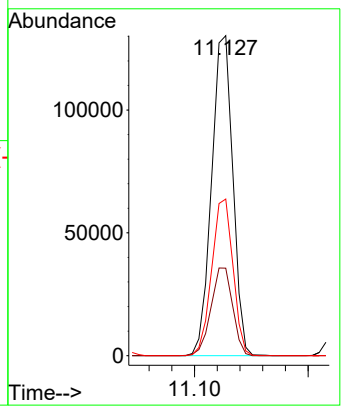


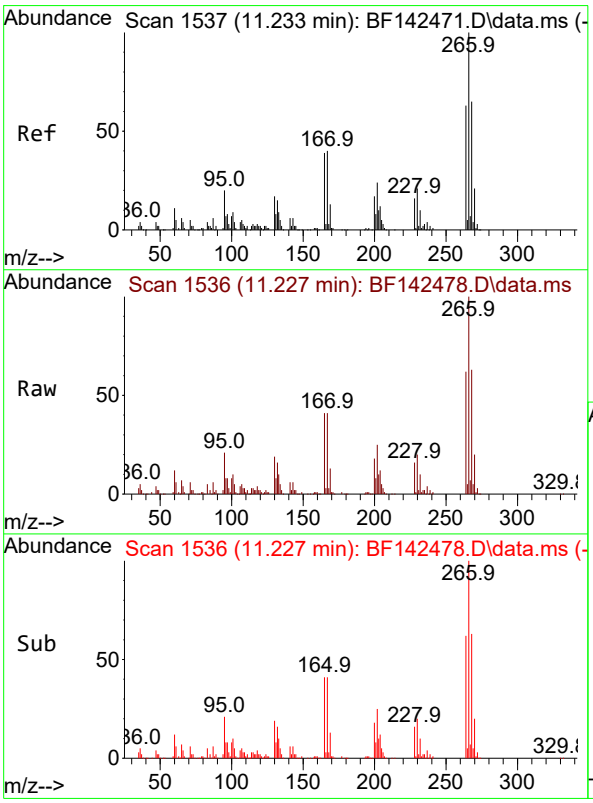
#69
Atrazine
Concen: 41.037 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 169442

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.4	47.4
215	48.9	28.5	68.5

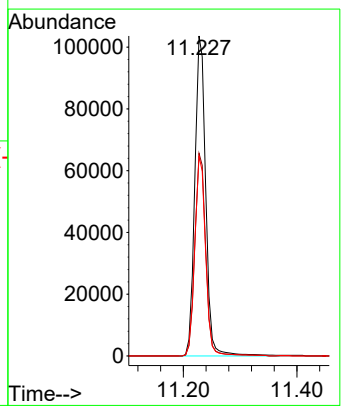


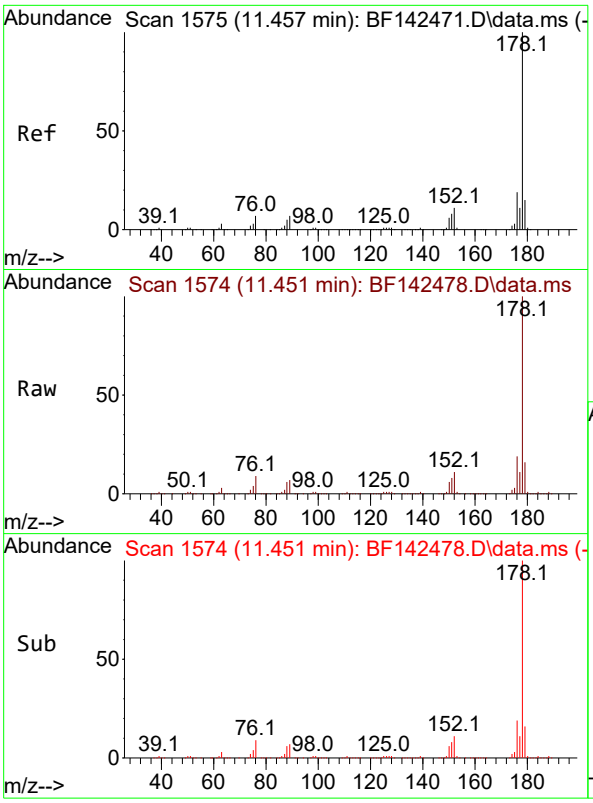


#70
Pentachlorophenol
Concen: 41.451 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:266 Resp: 139087

Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.7	77.5
264	62.4	50.4	75.6



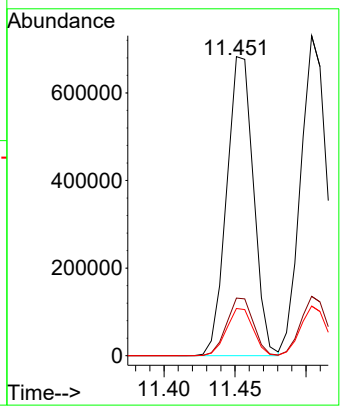


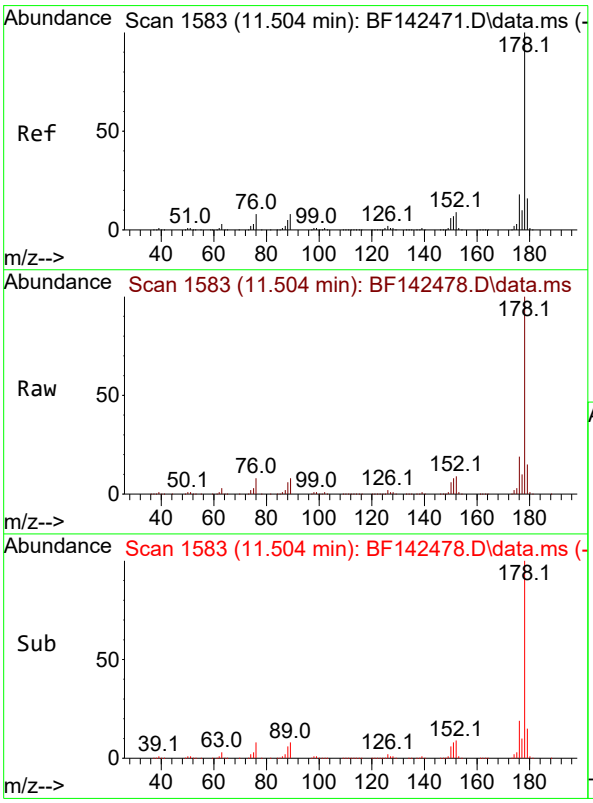
#71
Phenanthrene
Concen: 37.018 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 899035

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.8	12.3	18.5

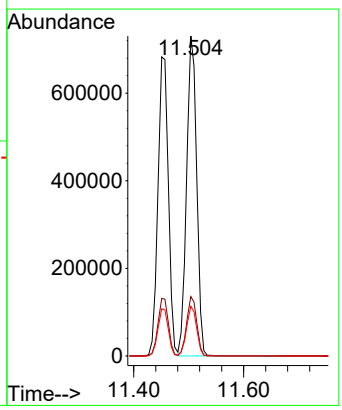


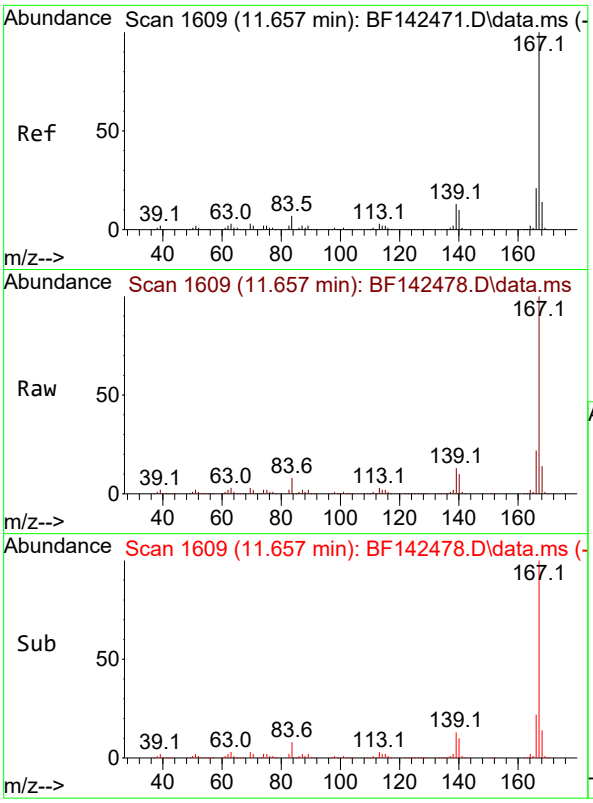


#72
Anthracene
Concen: 37.490 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:178 Resp: 929254

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.5	12.4	18.6



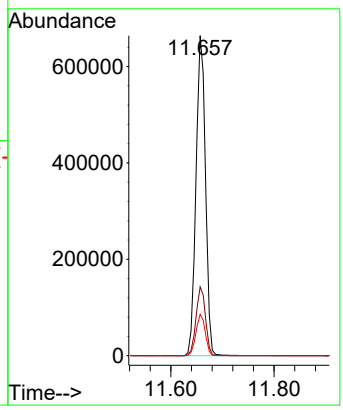


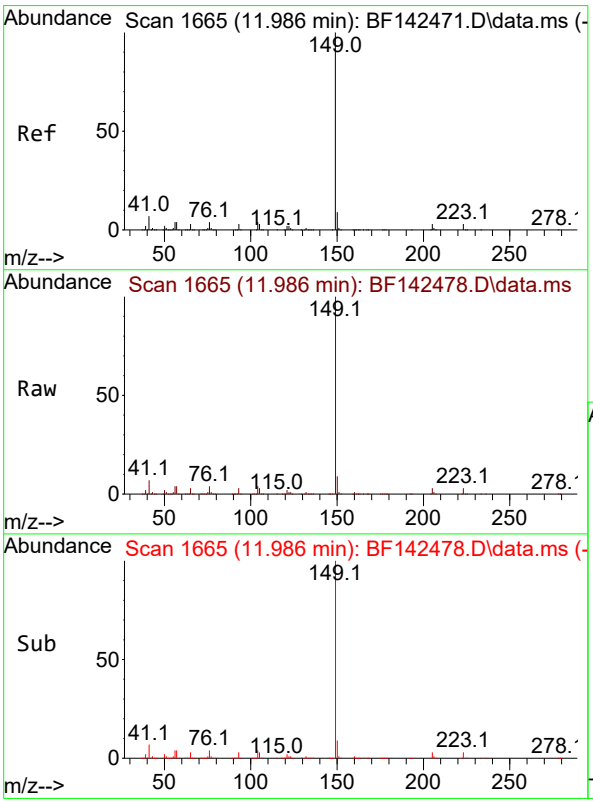
#73
Carbazole
Concen: 39.865 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 844734

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	12.9	10.2	15.4

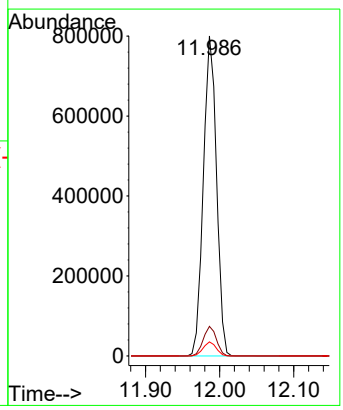


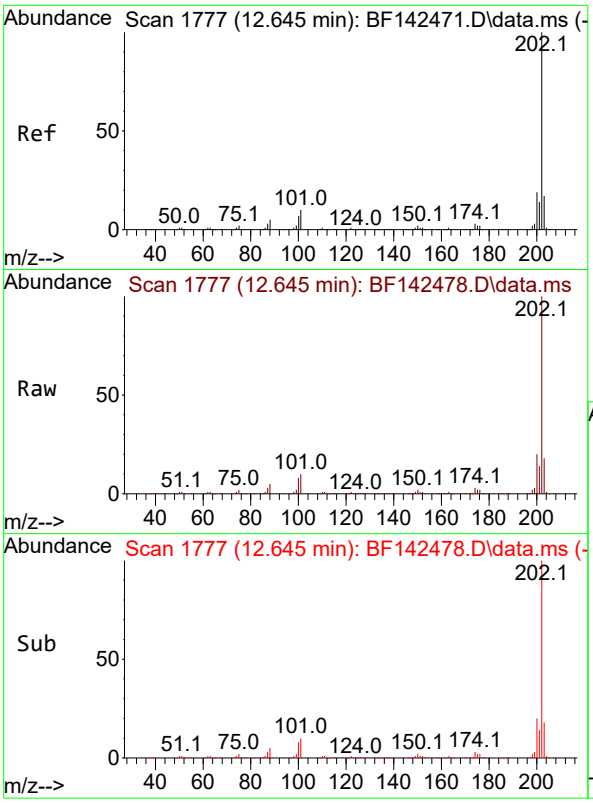


#74
Di-n-butylphthalate
Concen: 42.497 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:149 Resp: 985689

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.6	5.4



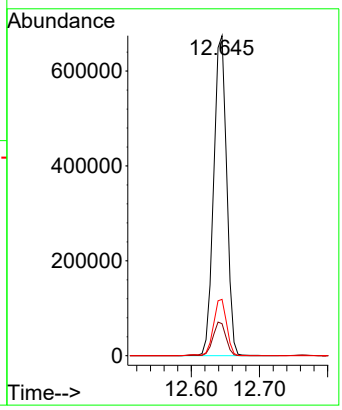


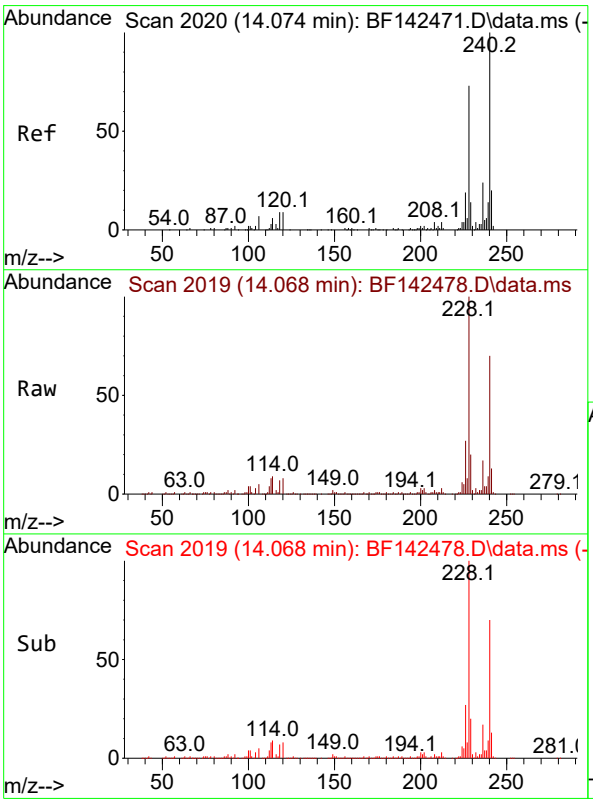
#75
Fluoranthene
Concen: 39.429 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 894775

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	17.6	0.0	37.2

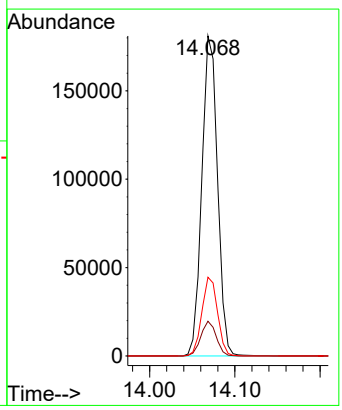


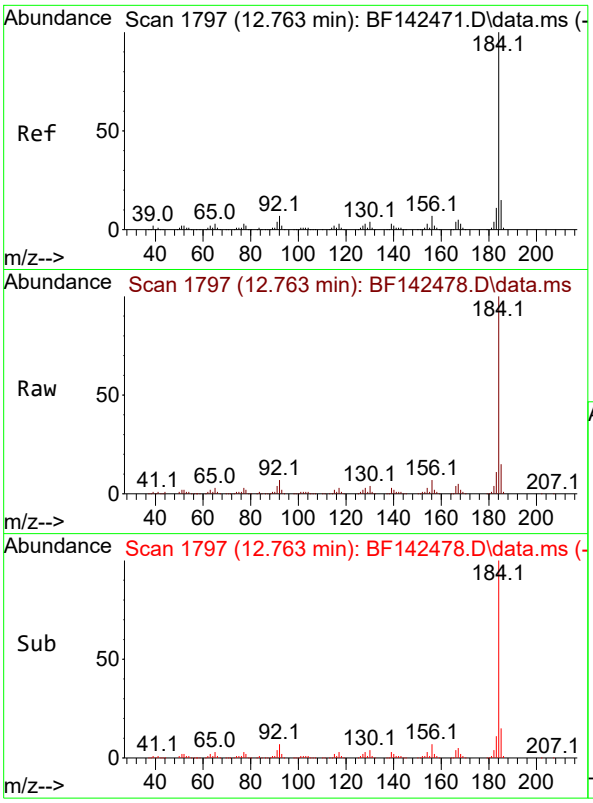


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:240 Resp: 231233

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	24.6	19.6	29.4



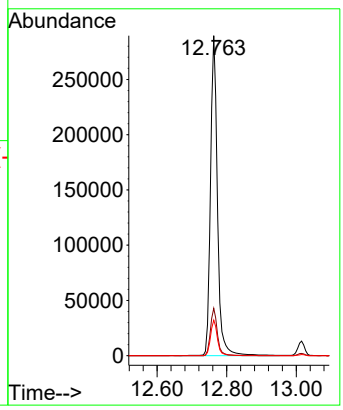


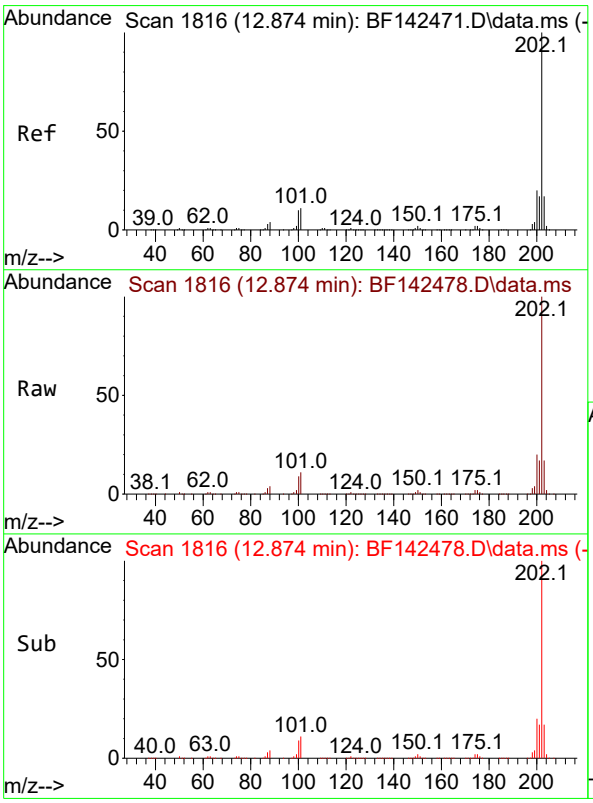
#77
Benzidine
Concen: 46.900 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 403570

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.1	9.0	13.4

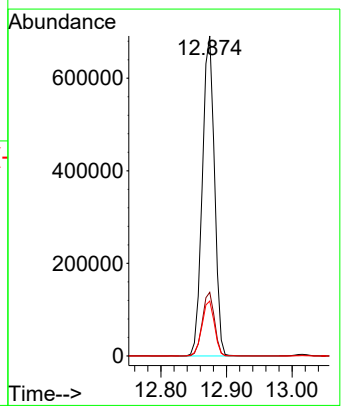


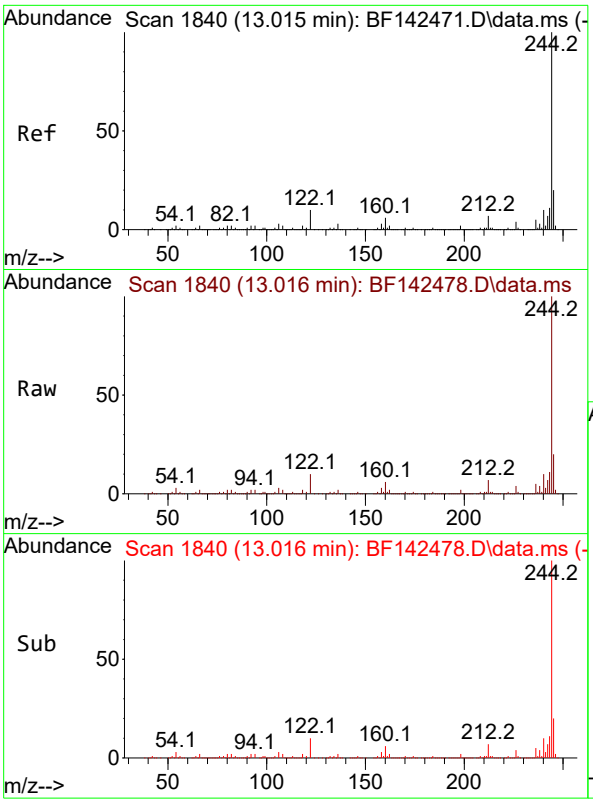


#78
Pyrene
Concen: 41.425 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:202 Resp: 893560

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.2	13.9	20.9



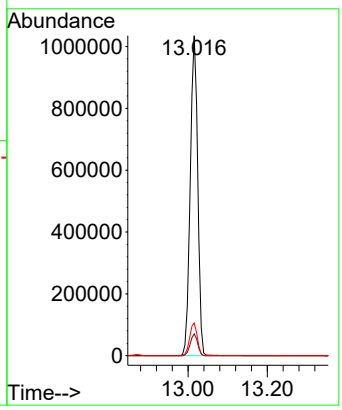


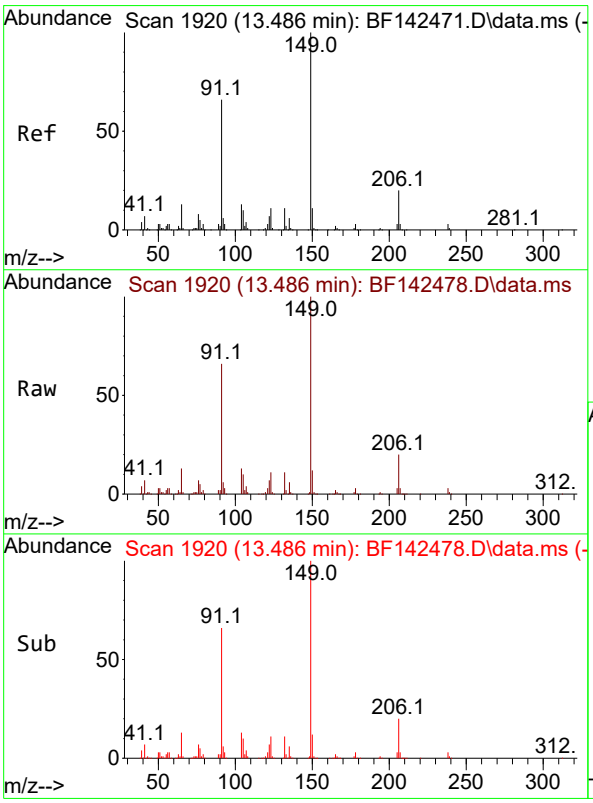
#79
Terphenyl-d14
Concen: 80.120 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1355714

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	10.2	8.2	12.2

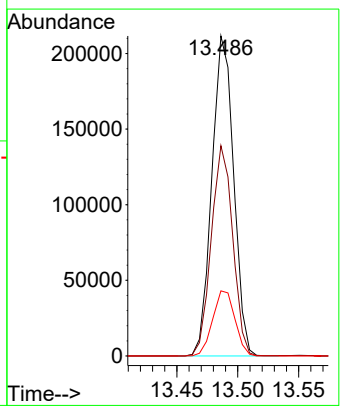


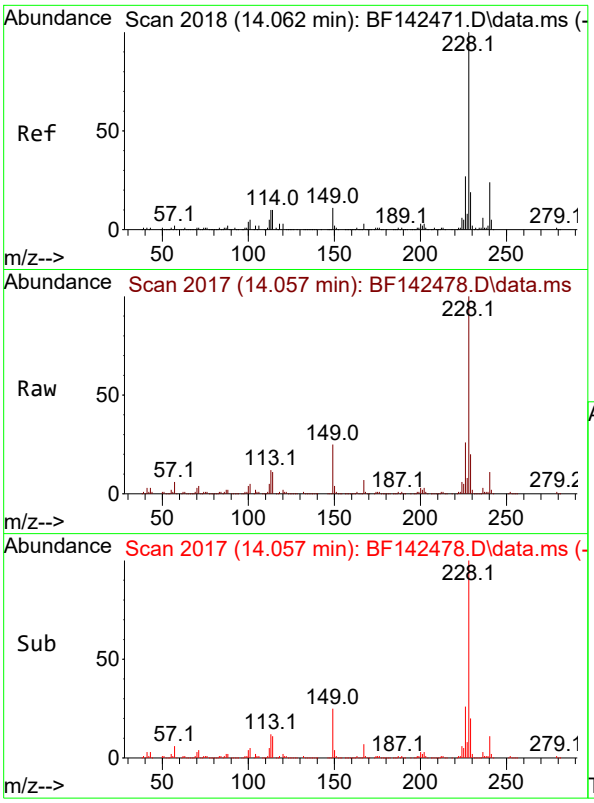


#80
Butylbenzylphthalate
Concen: 44.233 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:149 Resp: 263643

Ion	Ratio	Lower	Upper
149	100		
91	65.7	52.9	79.3
206	20.3	16.2	24.2



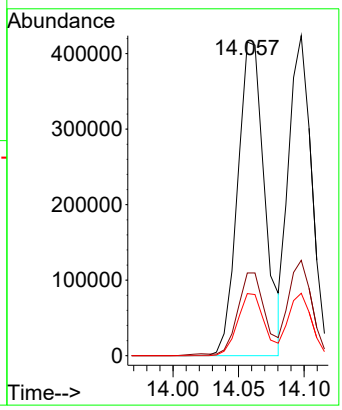


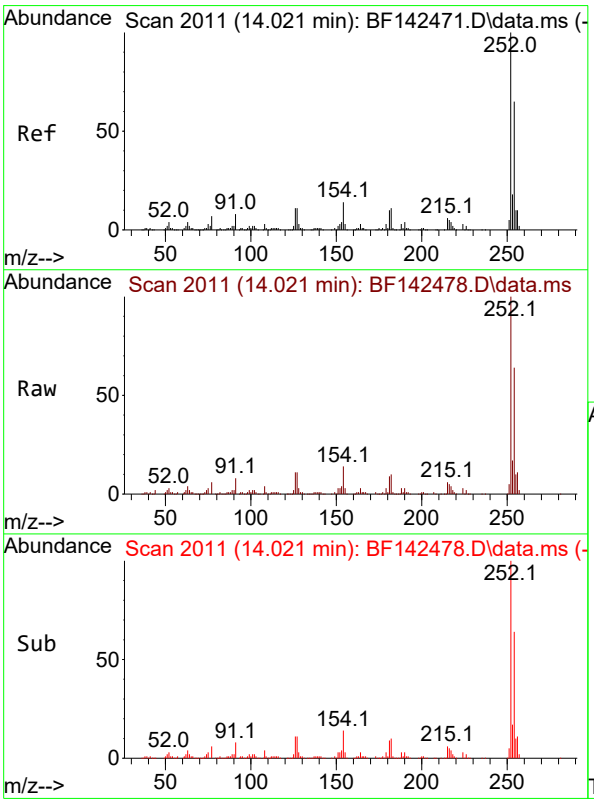
#81
Benzo(a)anthracene
Concen: 38.618 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 596289

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.2	31.8
229	19.8	15.5	23.3

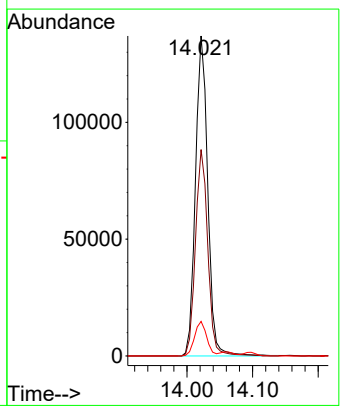


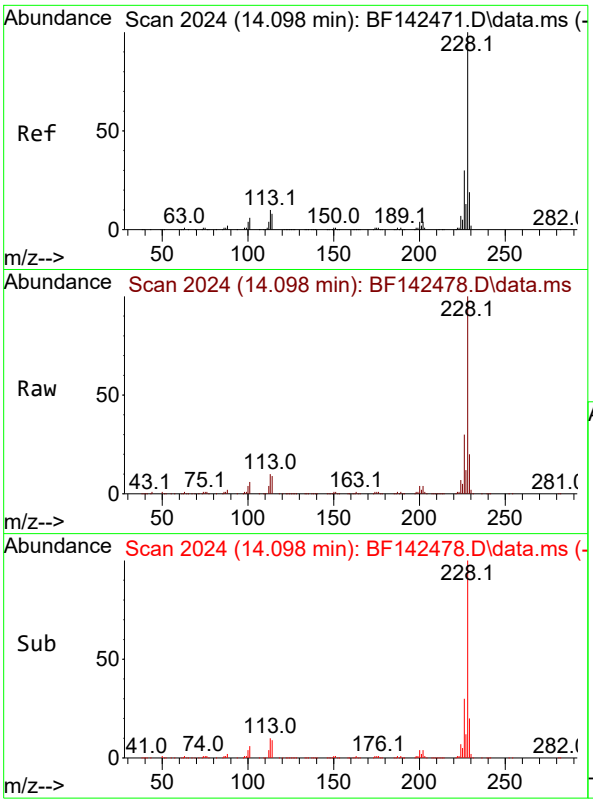


#82
3,3'-Dichlorobenzidine
Concen: 38.244 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:252 Resp: 179108

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	10.8	8.9	13.3



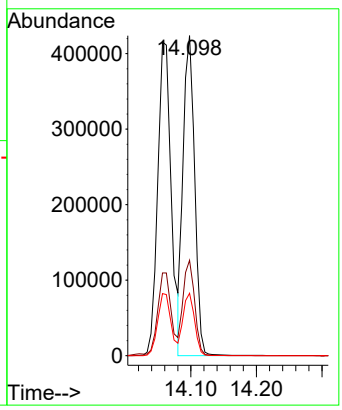


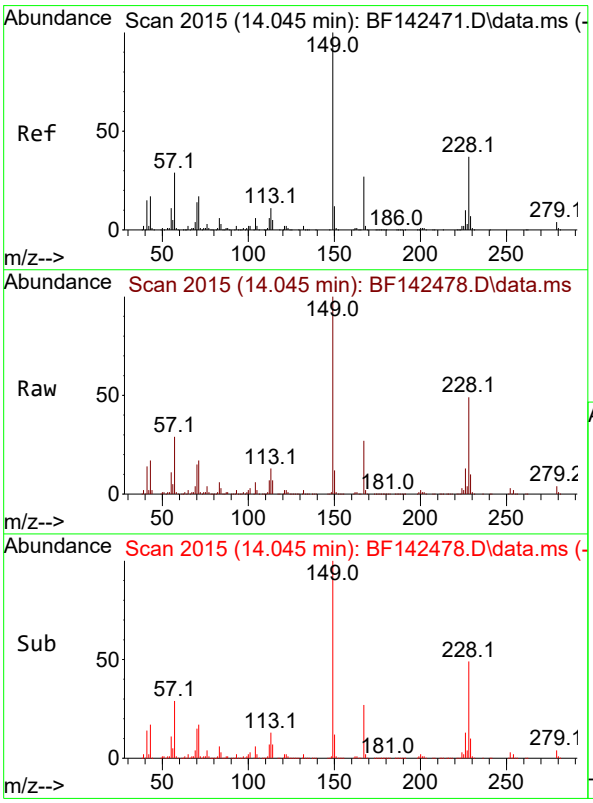
#83
Chrysene
Concen: 37.195 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 516059

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.5	15.4	23.2

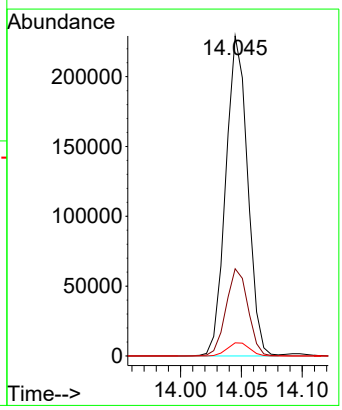


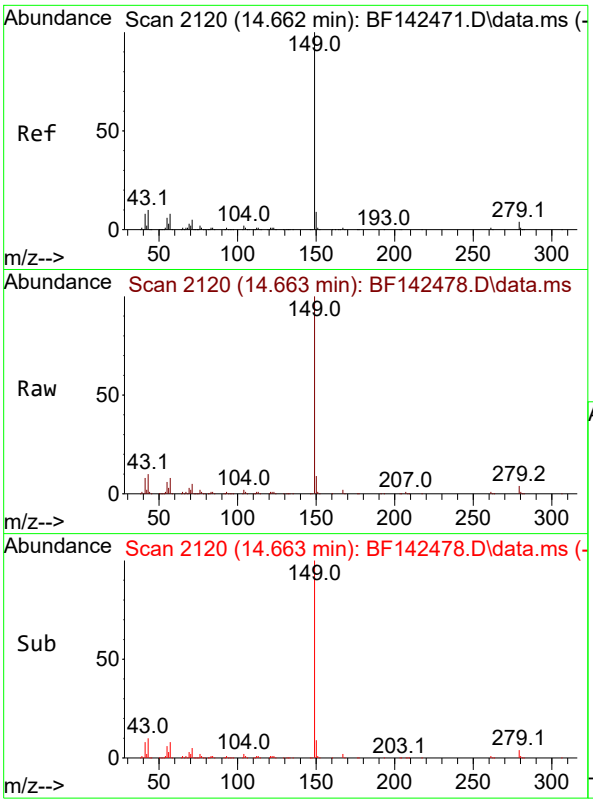


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.565 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:149 Resp: 286630

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	4.1	3.2	4.8



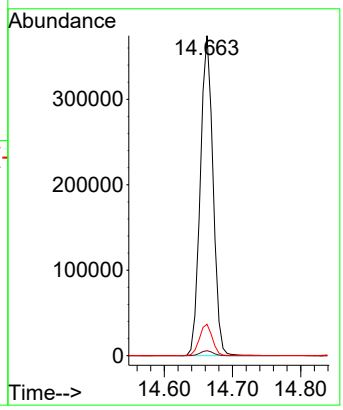


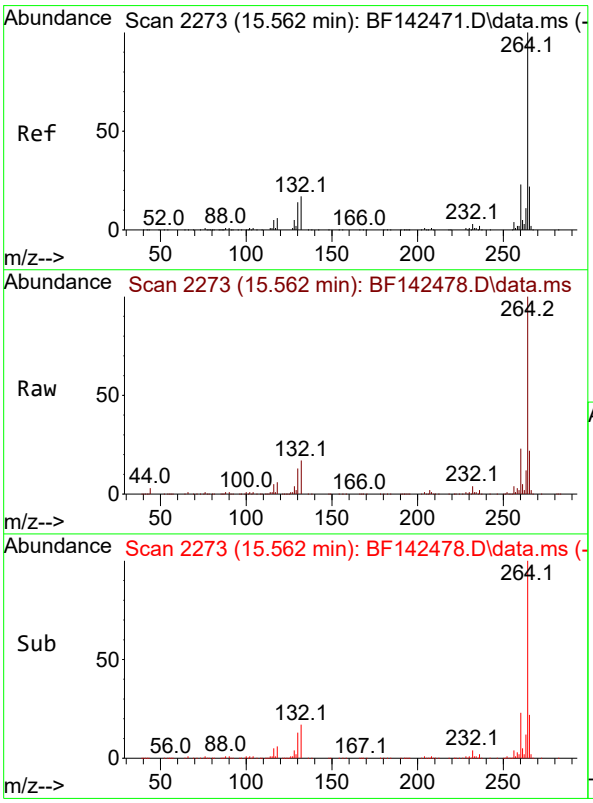
#85
Di-n-octyl phthalate
Concen: 32.510 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 485024

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	7.9	11.9

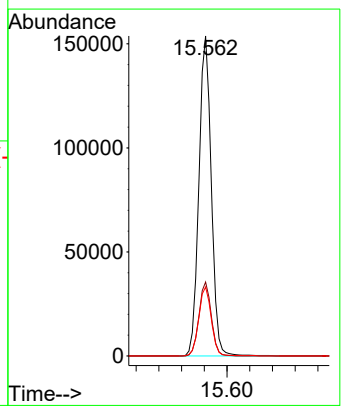


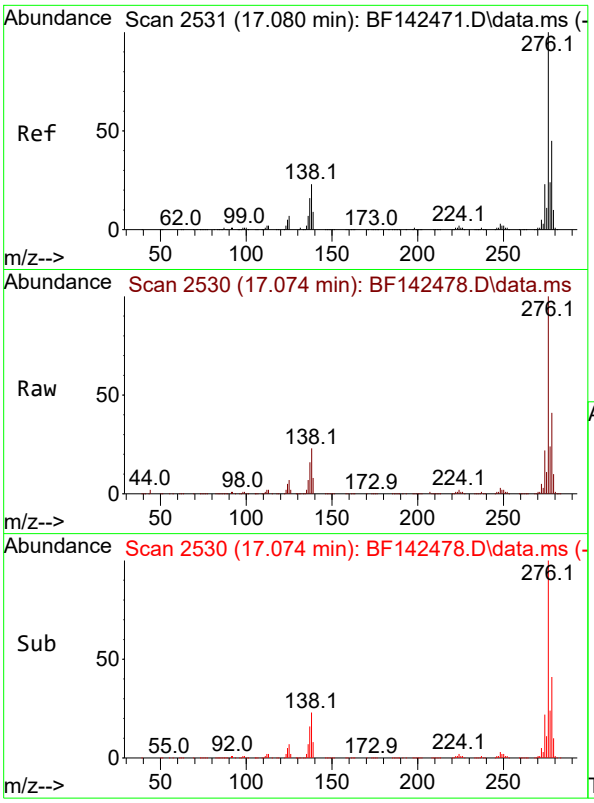


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:264 Resp: 233183

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.5	17.7	26.5



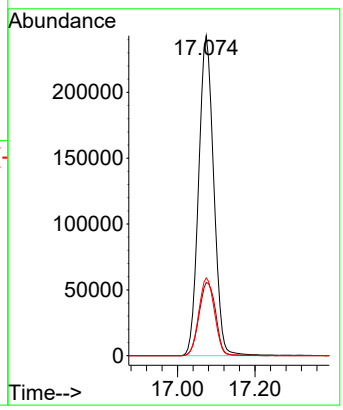


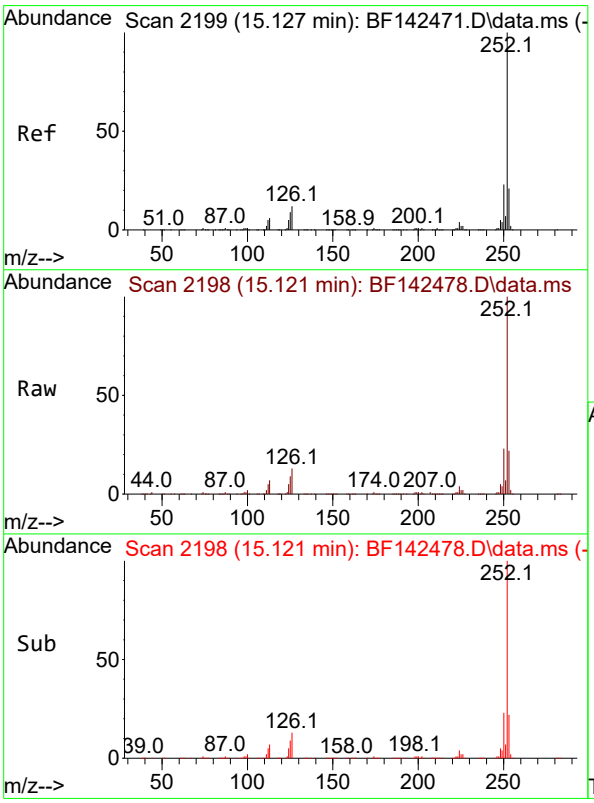
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.546 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 657271

Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.9	29.9
277	25.3	20.2	30.2

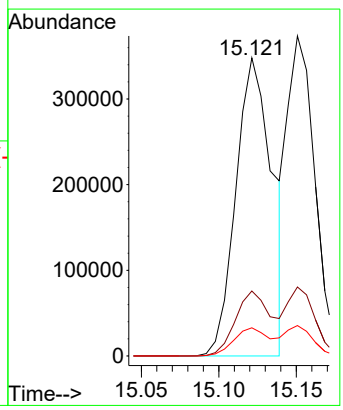


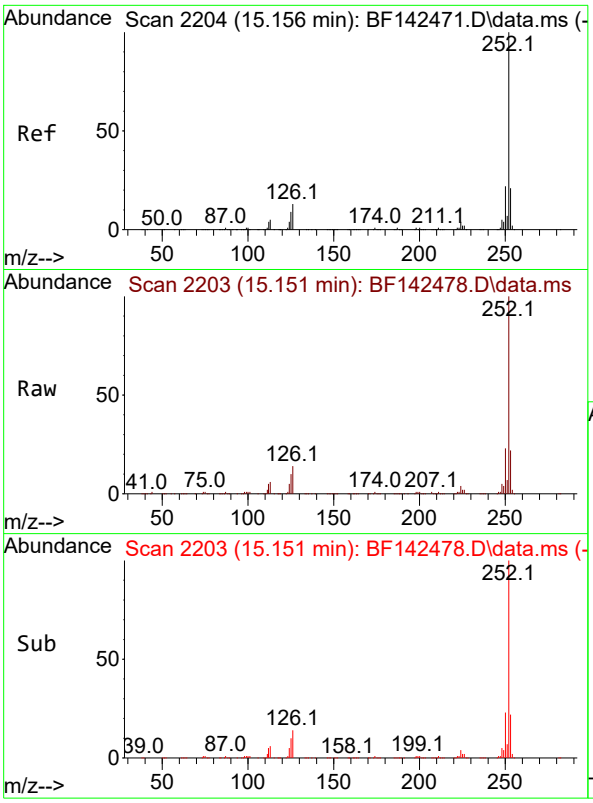


#88
Benzo(b)fluoranthene
Concen: 41.075 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:252 Resp: 566876

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.5	7.4	11.0



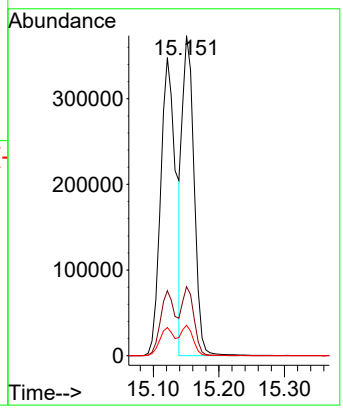


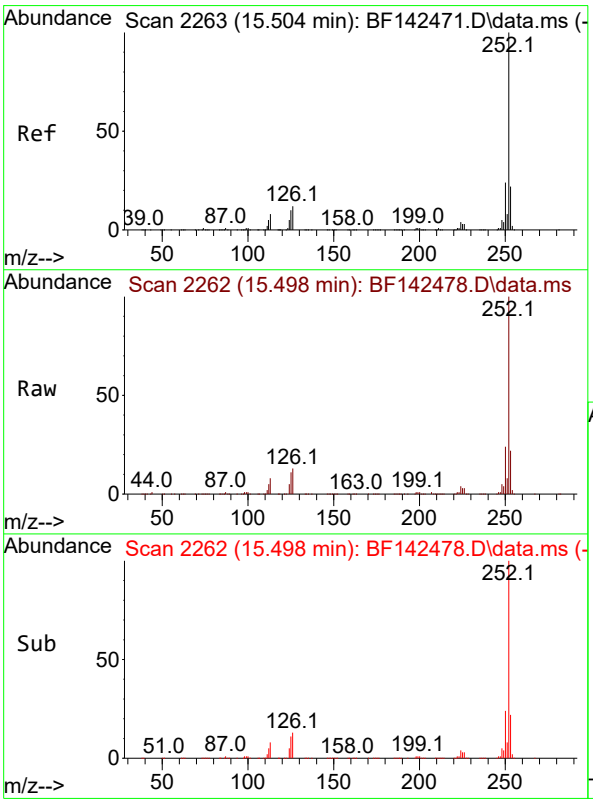
#89
Benzo(k)fluoranthene
Concen: 35.924 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 464361

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	9.5	7.3	10.9

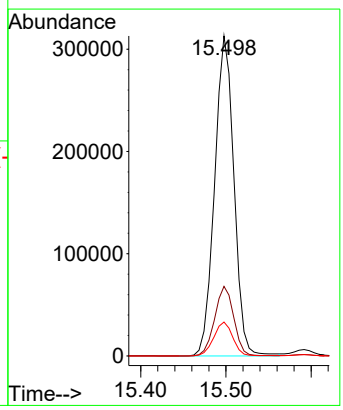


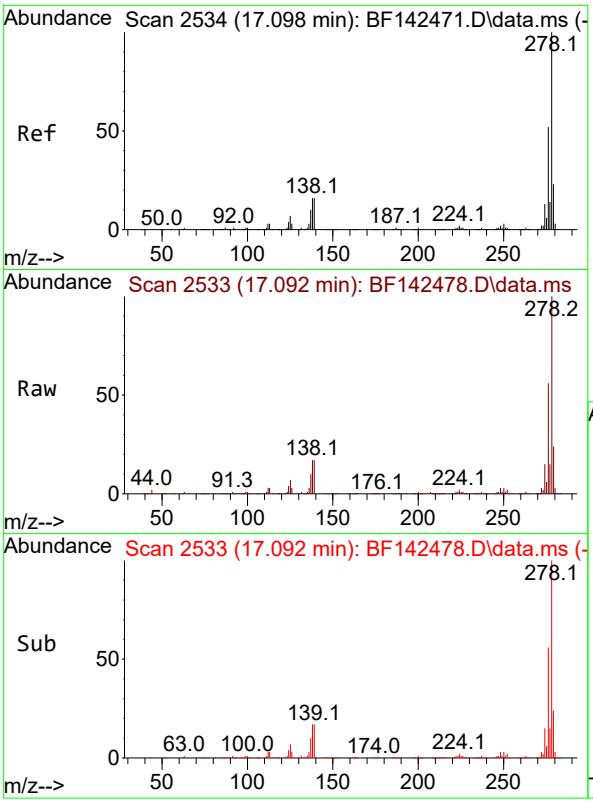


#90
Benzo(a)pyrene
Concen: 38.029 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:252 Resp: 494710

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	10.6	7.9	11.9



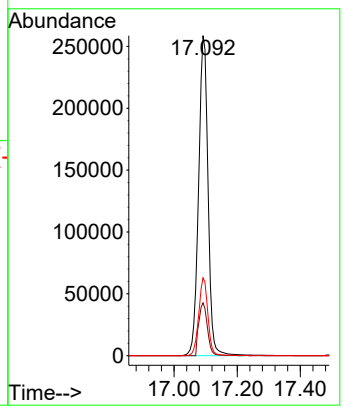


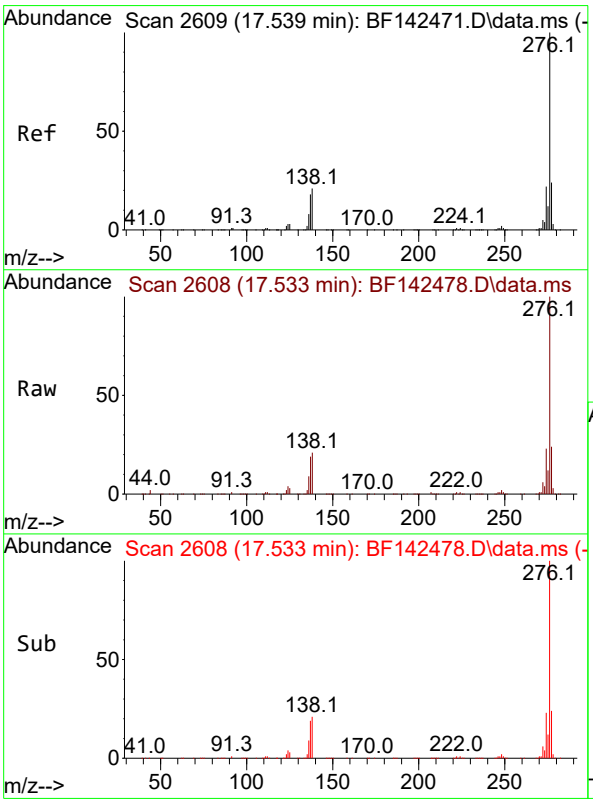
#91
Dibenzo(a,h)anthracene
Concen: 37.965 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 539033

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.8	19.2
279	24.4	18.6	28.0

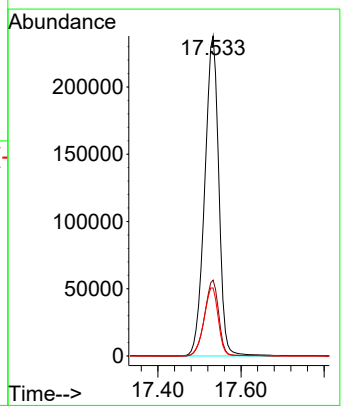




#92
Benzo(g,h,i)perylene
Concen: 39.468 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.023 min
Lab File: BF142478.D
Acq: 21 May 2025 10:40

Tgt Ion:276 Resp: 560492

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.2	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
2		1,4-Dioxane	0.475	0.429	9.7	119	0.00
3		Pyridine	1.210	1.114	7.9	121	0.00
4		n-Nitrosodimethylamine	0.628	0.570	9.2	117	-0.02
5	S	2-Fluorophenol	1.187	1.087	8.4	123	0.00
6		Aniline	1.921	1.876	2.3	129	0.00
7	S	Phenol-d6	1.429	1.358	5.0	126	-0.01
8		2-Chlorophenol	1.293	1.186	8.3	120	0.00
9		Benzaldehyde	0.859	0.796	7.3	124	0.00
10	C	Phenol	1.608	1.558	3.1	129	-0.01
11		bis(2-Chloroethyl)ether	1.157	1.067	7.8	123	0.00
12		1,3-Dichlorobenzene	1.443	1.339	7.2	123	0.00
13	C	1,4-Dichlorobenzene	1.453	1.373	5.5	124	0.00
14		1,2-Dichlorobenzene	1.391	1.312	5.7	126	0.00
15		Benzyl Alcohol	1.056	0.994	5.9	124	0.00
16		2,2'-oxybis(1-Chloropropane	1.944	1.877	3.4	128	0.00
17		2-Methylphenol	1.010	0.970	4.0	126	0.00
18		Hexachloroethane	0.507	0.456	10.1	118	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.800	9.7	121	-0.02
20		3+4-Methylphenols	1.293	1.183	8.5	121	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	126	0.00
22		Acetophenone	0.443	0.405	8.6	119	0.00
23	S	Nitrobenzene-d5	0.367	0.343	6.5	121	-0.01
24		Nitrobenzene	0.331	0.317	4.2	124	0.00
25		Isophorone	0.613	0.568	7.3	121	-0.01
26	C	2-Nitrophenol	0.177	0.174	1.7	125	0.00
27		2,4-Dimethylphenol	0.312	0.300	3.8	125	0.00
28		bis(2-Chloroethoxy)methane	0.383	0.364	5.0	126	0.00
29	C	2,4-Dichlorophenol	0.283	0.278	1.8	127	0.00
30		1,2,4-Trichlorobenzene	0.308	0.291	5.5	124	0.00
31		Naphthalene	0.985	0.928	5.8	124	0.00
32		Benzoic acid	0.190	0.195	-2.6	131	-0.04
33		4-Chloroaniline	0.399	0.393	1.5	127	0.00
34	C	Hexachlorobutadiene	0.192	0.182	5.2	123	0.00
35		Caprolactam	0.080	0.084	-5.0	135	-0.02
36	C	4-Chloro-3-methylphenol	0.291	0.287	1.4	128	-0.01
37		2-Methylnaphthalene	0.620	0.570	8.1	122	0.00
38		1-Methylnaphthalene	0.641	0.604	5.8	124	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	125	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.545	5.1	124	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.381	1.6	122	0.00
42	S	2,4,6-Tribromophenol	0.222	0.225	-1.4	133	0.00
43	C	2,4,6-Trichlorophenol	0.387	0.383	1.0	129	0.00
44		2,4,5-Trichlorophenol	0.408	0.396	2.9	126	0.00
45	S	2-Fluorobiphenyl	1.490	1.373	7.9	124	0.00
46		1,1'-Biphenyl	1.552	1.477	4.8	125	0.00
47		2-Chloronaphthalene	1.146	1.098	4.2	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.331	0.331	0.0	128	0.00
49		Acenaphthylene	1.936	1.795	7.3	122	0.00
50		Dimethylphthalate	1.320	1.241	6.0	124	0.00
51		2,6-Dinitrotoluene	0.285	0.278	2.5	124	0.00
52	C	Acenaphthene	1.182	1.125	4.8	126	0.00
53		3-Nitroaniline	0.311	0.312	-0.3	131	0.00
54	P	2,4-Dinitrophenol	0.147	0.159	-8.2	134	-0.01
55		Dibenzofuran	1.701	1.672	1.7	131	0.00
56	P	4-Nitrophenol	0.230	0.243	-5.7	134	0.00
57		2,4-Dinitrotoluene	0.372	0.383	-3.0	132	0.00
58		Fluorene	1.314	1.229	6.5	125	0.00
59		2,3,4,6-Tetrachlorophenol	0.341	0.346	-1.5	130	0.00
60		Diethylphthalate	1.289	1.286	0.2	131	0.00
61		4-Chlorophenyl-phenylether	0.646	0.606	6.2	125	0.00
62		4-Nitroaniline	0.282	0.296	-5.0	134	-0.01
63		Azobenzene	1.158	1.160	-0.2	131	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	132	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.119	-6.2	137	0.00
66	c	n-Nitrosodiphenylamine	0.684	0.641	6.3	131	0.00
67		4-Bromophenyl-phenylether	0.236	0.219	7.2	131	0.00
68		Hexachlorobenzene	0.262	0.247	5.7	131	0.00
69		Atrazine	0.182	0.186	-2.2	139	0.00
70	C	Pentachlorophenol	0.148	0.153	-3.4	138	0.00
71		Phenanthrene	1.069	0.989	7.5	130	0.00
72		Anthracene	1.091	1.022	6.3	131	0.00
73		Carbazole	0.933	0.929	0.4	138	0.00
74		Di-n-butylphthalate	1.021	1.084	-6.2	147	0.00
75	C	Fluoranthene	0.999	0.984	1.5	139	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	137	0.00
77		Benzidine	0.744	0.873	-17.3	150	0.00
78		Pyrene	1.866	1.932	-3.5	142	0.00
79	S	Terphenyl-d14	1.464	1.466	-0.1	141	0.00
80		Butylbenzylphthalate	0.516	0.570	-10.5	148	0.00
81		Benzo(a)anthracene	1.336	1.289	3.5	138	0.00
82		3,3'-Dichlorobenzidine	0.405	0.387	4.4	130	0.00
83		Chrysene	1.200	1.116	7.0	133	0.00
84		Bis(2-ethylhexyl)phthalate	0.660	0.620	6.1	126	0.00
85	c	Di-n-octyl phthalate	1.290	1.049	18.7	113	0.00
86	I	Perylene-d12	1.000	1.000	0.0	123	0.00
87		Indeno(1,2,3-cd)pyrene	1.501	1.409	6.1	120	-0.02
88		Benzo(b)fluoranthene	1.184	1.216	-2.7	133	0.00
89		Benzo(k)fluoranthene	1.109	0.996	10.2	118	-0.01
90	C	Benzo(a)pyrene	1.116	1.061	4.9	121	-0.01
91		Dibenzo(a,h)anthracene	1.218	1.156	5.1	120	-0.02
92		Benzo(g,h,i)perylene	1.218	1.202	1.3	125	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	127	0.00
2		1,4-Dioxane	40.000	36.089	9.8	119	0.00
3		Pyridine	40.000	36.837	7.9	121	0.00
4		n-Nitrosodimethylamine	40.000	36.282	9.3	117	-0.02
5	S	2-Fluorophenol	80.000	73.250	8.4	123	0.00
6		Aniline	40.000	39.046	2.4	129	0.00
7	S	Phenol-d6	80.000	76.032	5.0	126	-0.01
8		2-Chlorophenol	40.000	36.679	8.3	120	0.00
9		Benzaldehyde	40.000	37.056	7.4	124	0.00
10	C	Phenol	40.000	38.750	3.1	129	-0.01
11		bis(2-Chloroethyl)ether	40.000	36.867	7.8	123	0.00
12		1,3-Dichlorobenzene	40.000	37.123	7.2	123	0.00
13	C	1,4-Dichlorobenzene	40.000	37.795	5.5	124	0.00
14		1,2-Dichlorobenzene	40.000	37.749	5.6	126	0.00
15		Benzyl Alcohol	40.000	37.654	5.9	124	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.632	3.4	128	0.00
17		2-Methylphenol	40.000	38.442	3.9	126	0.00
18		Hexachloroethane	40.000	35.909	10.2	118	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.112	9.7	121	-0.02
20		3+4-Methylphenols	40.000	36.596	8.5	121	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	126	0.00
22		Acetophenone	40.000	36.591	8.5	119	0.00
23	S	Nitrobenzene-d5	80.000	74.748	6.6	121	-0.01
24		Nitrobenzene	40.000	38.366	4.1	124	0.00
25		Isophorone	40.000	37.046	7.4	121	-0.01
26	C	2-Nitrophenol	40.000	39.404	1.5	125	0.00
27		2,4-Dimethylphenol	40.000	38.464	3.8	125	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.052	4.9	126	0.00
29	C	2,4-Dichlorophenol	40.000	39.287	1.8	127	0.00
30		1,2,4-Trichlorobenzene	40.000	37.854	5.4	124	0.00
31		Naphthalene	40.000	37.710	5.7	124	0.00
32		Benzoic acid	40.000	41.165	-2.9	131	-0.04
33		4-Chloroaniline	40.000	39.361	1.6	127	0.00
34	C	Hexachlorobutadiene	40.000	37.923	5.2	123	0.00
35		Caprolactam	40.000	42.190	-5.5	135	-0.02
36	C	4-Chloro-3-methylphenol	40.000	39.543	1.1	128	-0.01
37		2-Methylnaphthalene	40.000	36.785	8.0	122	0.00
38		1-Methylnaphthalene	40.000	37.677	5.8	124	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	125	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.950	5.1	124	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.361	1.6	122	0.00
42	S	2,4,6-Tribromophenol	80.000	80.978	-1.2	133	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.608	1.0	129	0.00
44		2,4,5-Trichlorophenol	40.000	38.818	3.0	126	0.00
45	S	2-Fluorobiphenyl	80.000	73.721	7.8	124	0.00
46		1,1'-Biphenyl	40.000	38.077	4.8	125	0.00
47		2-Chloronaphthalene	40.000	38.309	4.2	126	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.983	0.0	128	0.00
49		Acenaphthylene	40.000	37.095	7.3	122	0.00
50		Dimethylphthalate	40.000	37.620	6.0	124	0.00
51		2,6-Dinitrotoluene	40.000	39.000	2.5	124	0.00
52	C	Acenaphthene	40.000	38.082	4.8	126	0.00
53		3-Nitroaniline	40.000	40.154	-0.4	131	0.00
54	P	2,4-Dinitrophenol	40.000	43.128	-7.8	134	-0.01
55		Dibenzofuran	40.000	39.319	1.7	131	0.00
56	P	4-Nitrophenol	40.000	42.389	-6.0	134	0.00
57		2,4-Dinitrotoluene	40.000	41.203	-3.0	132	0.00
58		Fluorene	40.000	37.421	6.4	125	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.584	-1.5	130	0.00
60		Diethylphthalate	40.000	39.920	0.2	131	0.00
61		4-Chlorophenyl-phenylether	40.000	37.531	6.2	125	0.00
62		4-Nitroaniline	40.000	41.934	-4.8	134	-0.01
63		Azobenzene	40.000	40.078	-0.2	131	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	132	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.732	-6.8	137	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.498	6.3	131	0.00
67		4-Bromophenyl-phenylether	40.000	37.092	7.3	131	0.00
68		Hexachlorobenzene	40.000	37.832	5.4	131	0.00
69		Atrazine	40.000	41.037	-2.6	139	0.00
70	C	Pentachlorophenol	40.000	41.451	-3.6	138	0.00
71		Phenanthrene	40.000	37.018	7.5	130	0.00
72		Anthracene	40.000	37.490	6.3	131	0.00
73		Carbazole	40.000	39.865	0.3	138	0.00
74		Di-n-butylphthalate	40.000	42.497	-6.2	147	0.00
75	C	Fluoranthene	40.000	39.429	1.4	139	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	137	0.00
77		Benzidine	40.000	46.900	-17.2	150	0.00
78		Pyrene	40.000	41.425	-3.6	142	0.00
79	S	Terphenyl-d14	80.000	80.120	-0.2	141	0.00
80		Butylbenzylphthalate	40.000	44.233	-10.6	148	0.00
81		Benzo(a)anthracene	40.000	38.618	3.5	138	0.00
82		3,3'-Dichlorobenzidine	40.000	38.244	4.4	130	0.00
83		Chrysene	40.000	37.195	7.0	133	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	37.565	6.1	126	0.00
85	c	Di-n-octyl phthalate	40.000	32.510	18.7	113	0.00
86	I	Perylene-d12	20.000	20.000	0.0	123	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.546	6.1	120	-0.02
88		Benzo(b)fluoranthene	40.000	41.075	-2.7	133	0.00
89		Benzo(k)fluoranthene	40.000	35.924	10.2	118	-0.01
90	C	Benzo(a)pyrene	40.000	38.029	4.9	121	-0.01
91		Dibenzo(a,h)anthracene	40.000	37.965	5.1	120	-0.02
92		Benzo(g,h,i)perylene	40.000	39.468	1.3	125	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142478.D
Acq On : 21 May 2025 10:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 21 11:22:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: BNA_F Calibration Date/Time: 05/22/2025 11:11

Lab File ID: BF142502.D Init. Calib. Date(s): 05/20/2025 05/20/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:10 15:31

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.187	1.158		-2.4	
Phenol-d6	1.429	1.379		-3.5	
Nitrobenzene-d5	0.367	0.356		-3.0	
Naphthalene	0.985	0.939		-4.7	
2-Fluorobiphenyl	1.490	1.389		-6.8	
Acenaphthylene	1.936	1.864		-3.7	
Acenaphthene	1.182	1.118		-5.4	20.0
Fluorene	1.314	1.233		-6.2	
2,4,6-Tribromophenol	0.222	0.208		-6.3	
Phenanthrene	1.069	1.009		-5.6	
Anthracene	1.091	1.031		-5.5	
Fluoranthene	0.999	0.878		-12.1	20.0
Pyrene	1.866	1.705		-8.6	
Terphenyl-d14	1.464	1.259		-14.0	
Benzo(a)anthracene	1.336	1.258		-5.8	
Chrysene	1.200	1.136		-5.3	
Benzo(b)fluoranthene	1.184	1.087		-8.2	
Benzo(k)fluoranthene	1.109	1.044		-5.9	
Benzo(a)pyrene	1.116	1.078		-3.4	20.0
Indeno(1,2,3-cd)pyrene	1.501	1.416		-5.7	
Dibenzo(a,h)anthracene	1.218	1.143		-6.2	
Benzo(g,h,i)perylene	1.218	1.144		-6.1	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	96659	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	372701	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	197309	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	315055	20.000	ng		0.00
76) Chrysene-d12	14.069	240	157895	20.000	ng		0.00
86) Perylene-d12	15.557	264	195527	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	447564	78.010	ng		0.00
7) Phenol-d6	6.522	99	533057	77.184	ng		-0.01
23) Nitrobenzene-d5	7.463	82	530183	77.570	ng		-0.01
42) 2,4,6-Tribromophenol	10.728	330	164236	74.998	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	1096499	74.571	ng		-0.01
79) Terphenyl-d14	13.010	244	795345	68.835	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	90766	39.535	ng		99
3) Pyridine	3.434	79	231131	39.534	ng		98
4) n-Nitrosodimethylamine	3.381	42	121679	40.084	ng		99
6) Aniline	6.563	93	362751	39.064	ng		100
8) 2-Chlorophenol	6.681	128	244389	39.108	ng		98
9) Benzaldehyde	6.451	77	163391	39.334	ng		98
10) Phenol	6.534	94	302742	38.958	ng		100
11) bis(2-Chloroethyl)ether	6.634	93	214791	38.397	ng		99
12) 1,3-Dichlorobenzene	6.840	146	269252	38.613	ng		99
13) 1,4-Dichlorobenzene	6.916	146	269642	38.388	ng		99
14) 1,2-Dichlorobenzene	7.069	146	257431	38.302	ng		99
15) Benzyl Alcohol	7.034	79	197875	38.771	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	358019	38.111	ng		100
17) 2-Methylphenol	7.145	107	189875	38.917	ng		99
18) Hexachloroethane	7.410	117	93379	38.072	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	158714	37.081	ng		99
20) 3+4-Methylphenols	7.298	107	240103	38.429	ng	#	88
22) Acetophenone	7.310	105	315101	38.192	ng		98
24) Nitrobenzene	7.481	77	239334	38.825	ng		98
25) Isophorone	7.722	82	423533	37.062	ng		98
26) 2-Nitrophenol	7.798	139	128906	39.135	ng		98
27) 2,4-Dimethylphenol	7.828	122	225314	38.788	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	268076	37.553	ng		99
29) 2,4-Dichlorophenol	8.040	162	205819	38.961	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	220024	38.377	ng		98
31) Naphthalene	8.204	128	699587	38.121	ng		100
32) Benzoic acid	7.934	122	140703	39.792	ng		97
33) 4-Chloroaniline	8.251	127	285629	38.411	ng		99
34) Hexachlorobutadiene	8.322	225	134778	37.650	ng		99
35) Caprolactam	8.616	113	55626	37.492	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	206459	38.135	ng		98
37) 2-Methylnaphthalene	8.892	142	430472	37.285	ng		100
38) 1-Methylnaphthalene	8.992	142	448040	37.517	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	221756	39.153	ng		99
41) Hexachlorocyclopentadiene	9.051	237	150573	39.409	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	151013	39.540	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

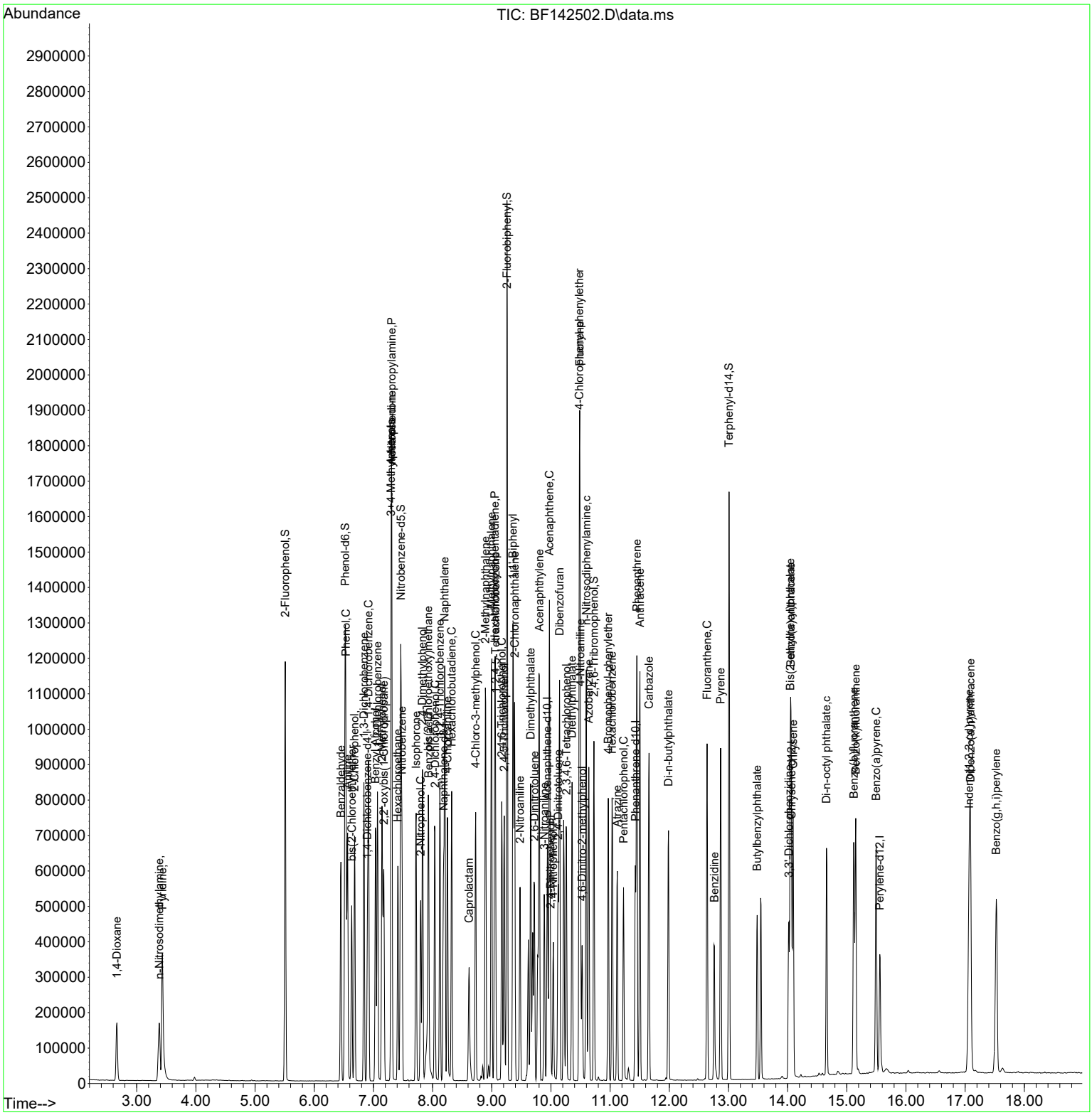
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	152163	37.777	ng		98
46) 1,1'-Biphenyl	9.357	154	584245	38.167	ng		99
47) 2-Chloronaphthalene	9.386	162	436815	38.623	ng		98
48) 2-Nitroaniline	9.475	65	127235	38.921	ng		99
49) Acenaphthylene	9.804	152	735563	38.516	ng		100
50) Dimethylphthalate	9.657	163	478872	36.782	ng		100
51) 2,6-Dinitrotoluene	9.722	165	105507	37.548	ng		97
52) Acenaphthene	9.975	154	441339	37.846	ng		100
53) 3-Nitroaniline	9.886	138	119491	38.933	ng		99
54) 2,4-Dinitrophenol	9.992	184	54378	37.458	ng	#	75
55) Dibenzofuran	10.145	168	635174	37.851	ng		99
56) 4-Nitrophenol	10.039	139	87011	38.423	ng		99
57) 2,4-Dinitrotoluene	10.122	165	140453	38.274	ng		98
58) Fluorene	10.486	166	486395	37.519	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	128136	38.106	ng		99
60) Diethylphthalate	10.357	149	452810	35.612	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	235211	36.933	ng		97
62) 4-Nitroaniline	10.498	138	105151	37.776	ng		99
63) Azobenzene	10.639	77	421311	36.891	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	70104	39.872	ng		96
66) n-Nitrosodiphenylamine	10.598	169	416459	38.637	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	140846	37.808	ng		99
68) Hexachlorobenzene	11.033	284	158451	38.456	ng		98
69) Atrazine	11.122	200	98938	34.563	ng		99
70) Pentachlorophenol	11.228	266	91869	39.493	ng		96
71) Phenanthrene	11.451	178	635627	37.751	ng		100
72) Anthracene	11.504	178	649550	37.800	ng		100
73) Carbazole	11.657	167	543821	37.019	ng		100
74) Di-n-butylphthalate	11.986	149	518477	32.244	ng		99
75) Fluoranthene	12.639	202	553057	35.154	ng		99
77) Benzidine	12.763	184	236304	40.217	ng		99
78) Pyrene	12.869	202	538324	36.548	ng		100
80) Butylbenzylphthalate	13.486	149	156746	38.513	ng		97
81) Benzo(a)anthracene	14.057	228	397403	37.692	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	139902	43.748	ng		99
83) Chrysene	14.092	228	358734	37.865	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	253005	48.560	ng		99
85) Di-n-octyl phthalate	14.657	149	445243	43.705	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	553919	37.736	ng		100
88) Benzo(b)fluoranthene	15.121	252	425246	36.747	ng		99
89) Benzo(k)fluoranthene	15.151	252	408277	37.669	ng		99
90) Benzo(a)pyrene	15.498	252	421492	38.641	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	447155	37.559	ng		99
92) Benzo(g,h,i)perylene	17.527	276	447541	37.584	ng		98

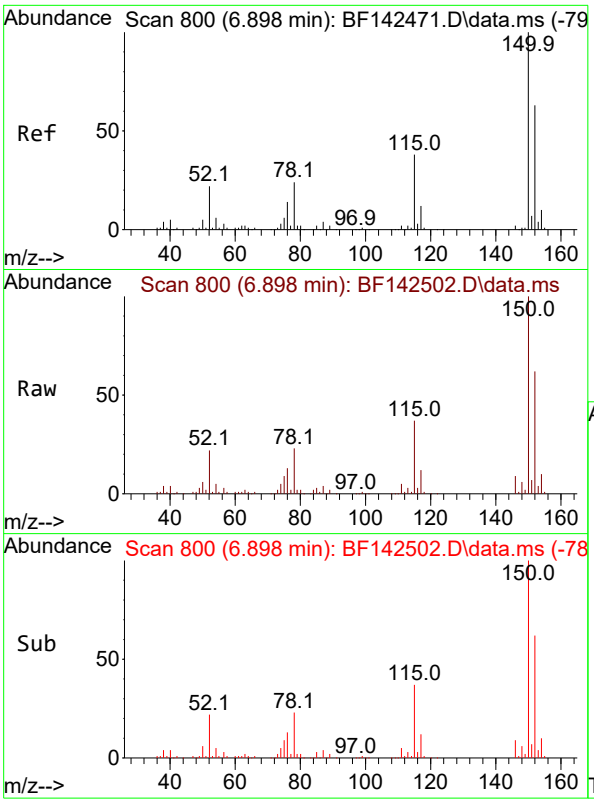
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



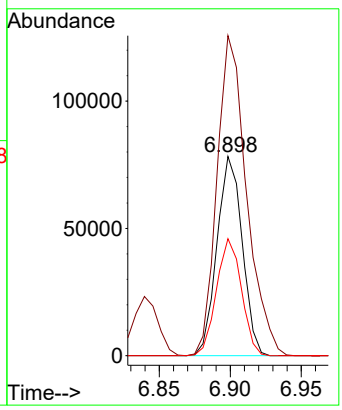


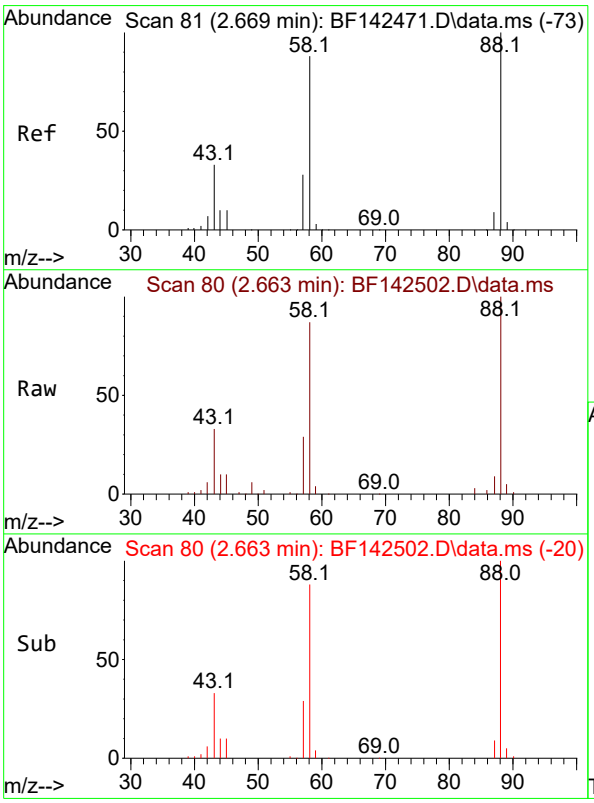
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 96659

Ion	Ratio	Lower	Upper
152	100		
150	160.7	128.2	192.4
115	58.8	48.3	72.5

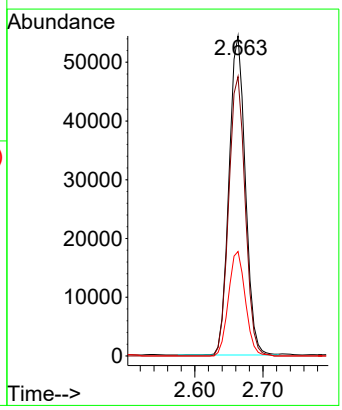


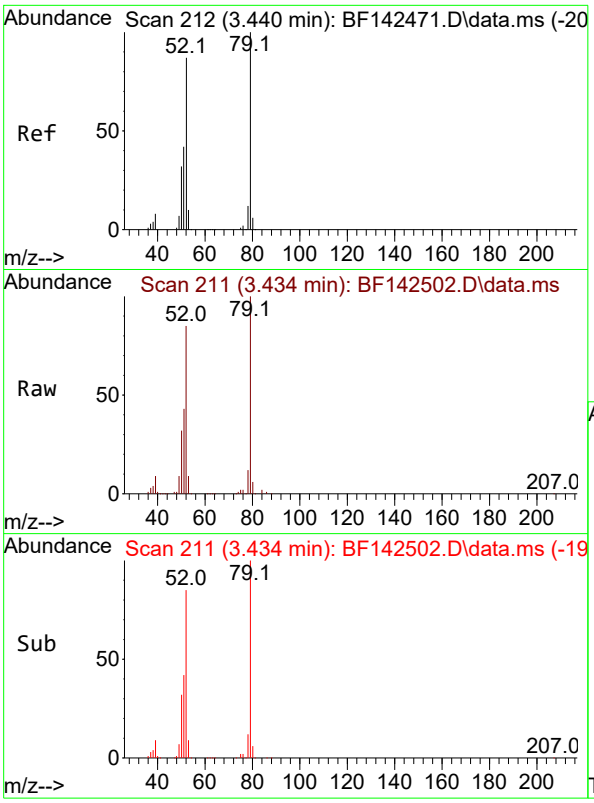


#2
1,4-Dioxane
Concen: 39.535 ng
RT: 2.663 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 88 Resp: 90766

Ion	Ratio	Lower	Upper
88	100		
58	88.0	70.8	106.2
43	33.8	26.6	40.0



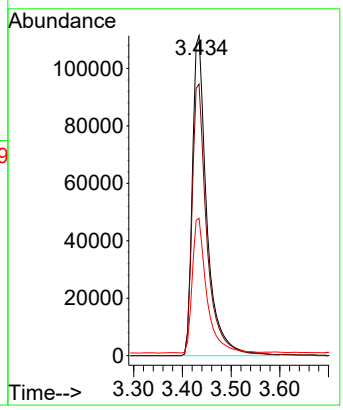


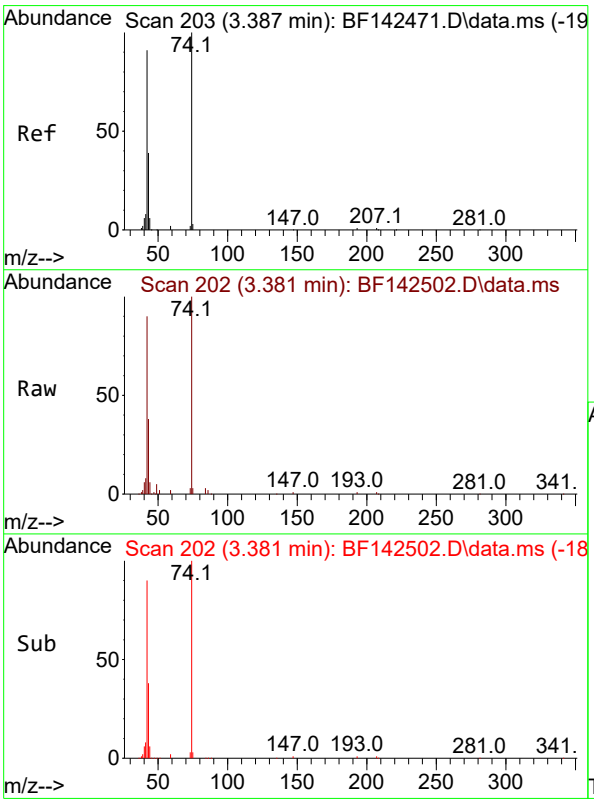
#3
Pyridine
Concen: 39.534 ng
RT: 3.434 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 231131

Ion	Ratio	Lower	Upper
79	100		
52	84.9	69.2	103.8
51	42.9	33.3	49.9

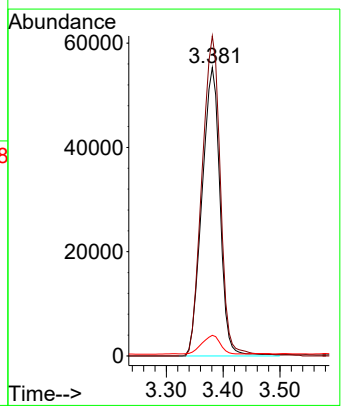


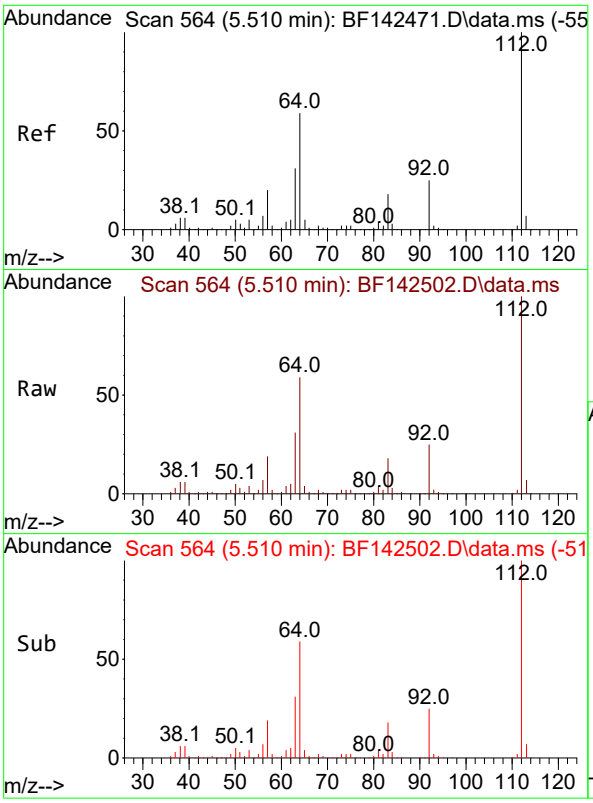


#4
n-Nitrosodimethylamine
Concen: 40.084 ng
RT: 3.381 min Scan# 202
Delta R.T. -0.023 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 42 Resp: 121679

Ion	Ratio	Lower	Upper
42	100		
74	110.9	88.2	132.4
44	7.1	5.4	8.2



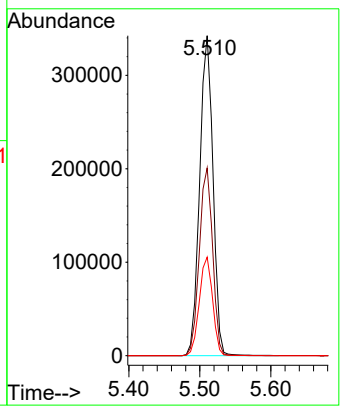


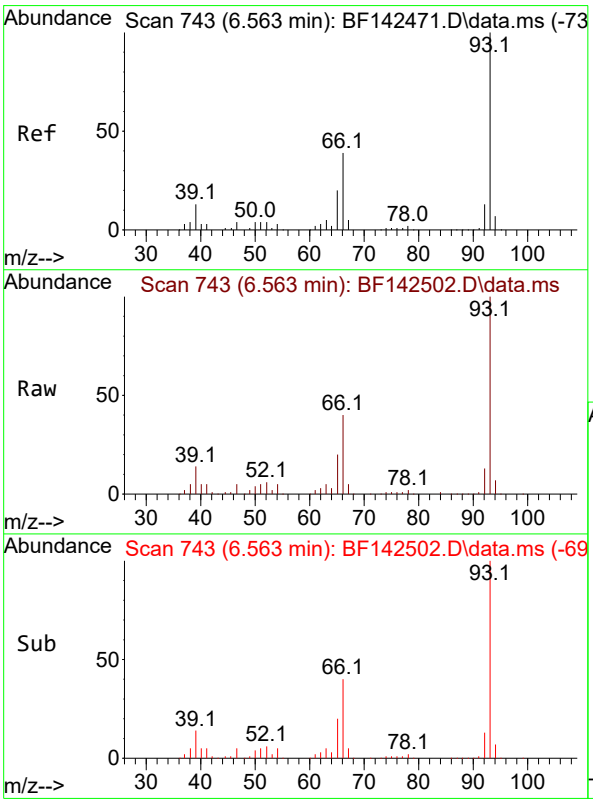
#5
2-Fluorophenol
Concen: 78.010 ng
RT: 5.510 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 447564

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.5	71.3
63	30.8	24.9	37.3

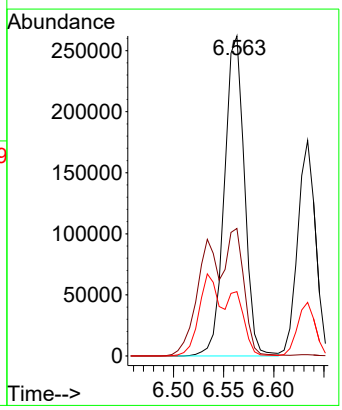


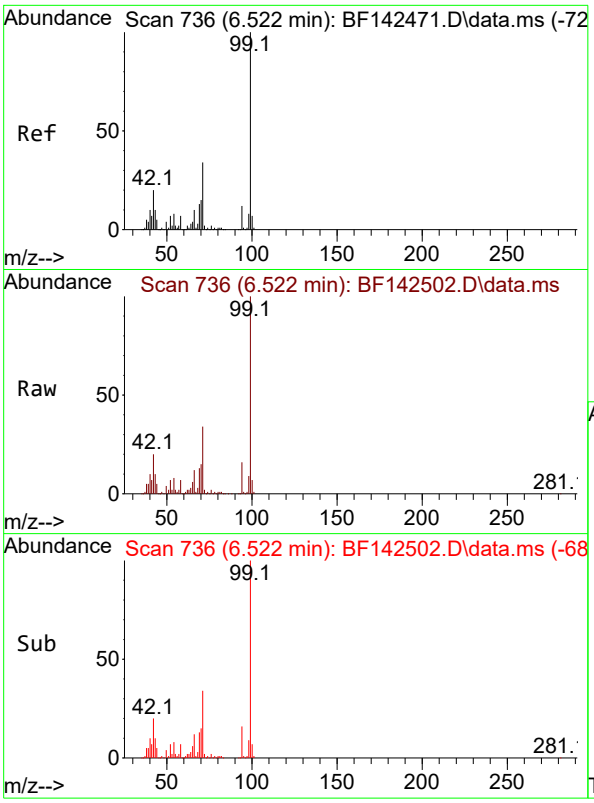


#6
Aniline
Concen: 39.064 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 93 Resp: 362751

Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.0	48.0
65	20.1	16.1	24.1



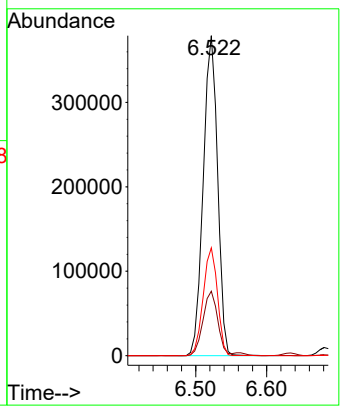


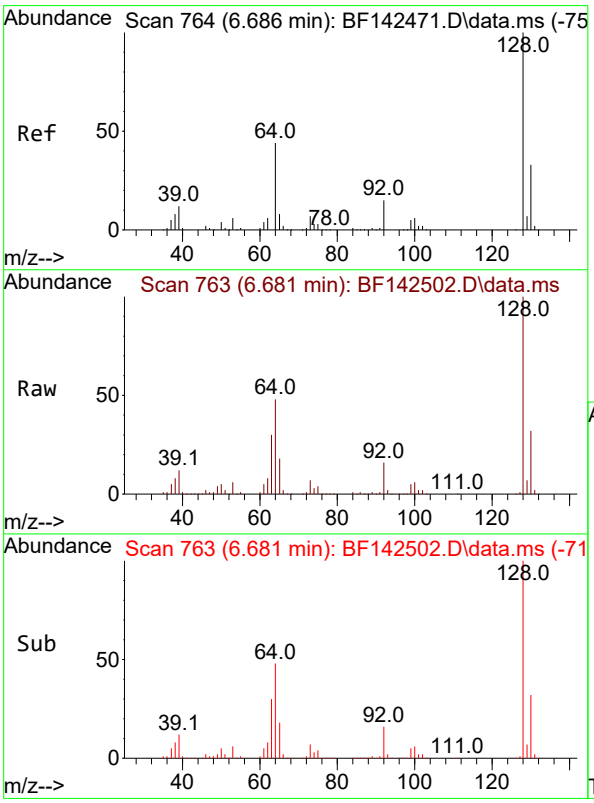
#7
Phenol-d6
Concen: 77.184 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 533057

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.2	24.2
71	33.7	27.3	40.9

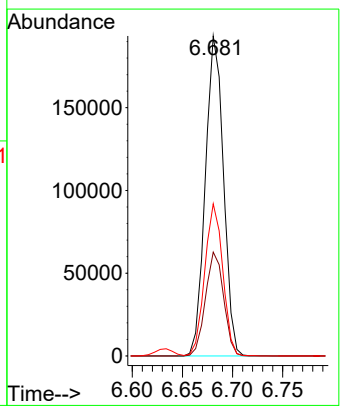


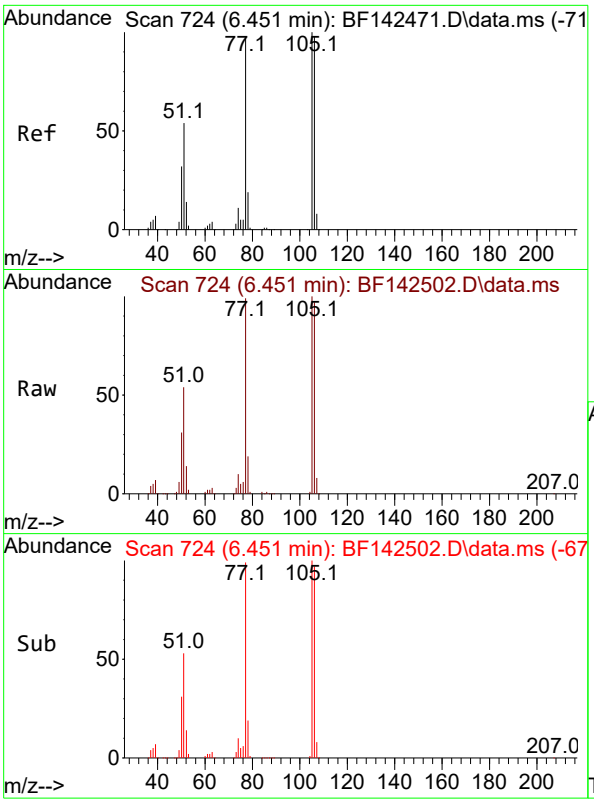


#8
2-Chlorophenol
Concen: 39.108 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:128 Resp: 244389

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	47.6	25.1	65.1



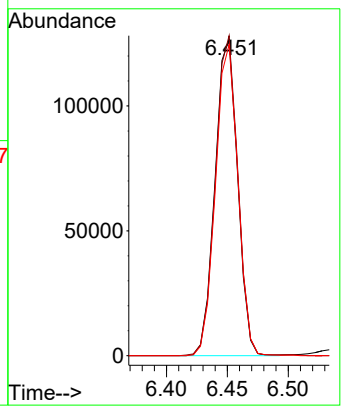


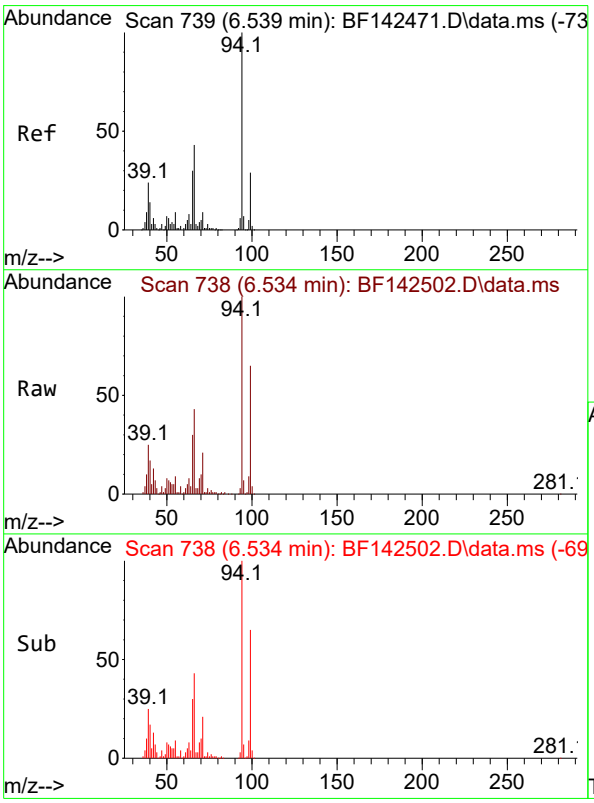
#9
Benzaldehyde
Concen: 39.334 ng
RT: 6.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 163391

Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.5	122.5
106	98.4	80.0	120.0

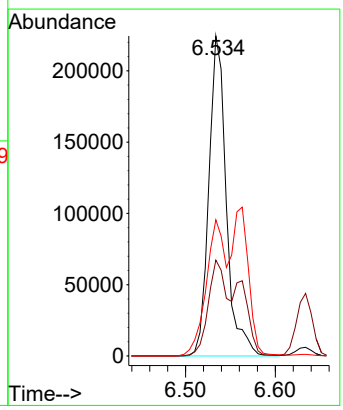


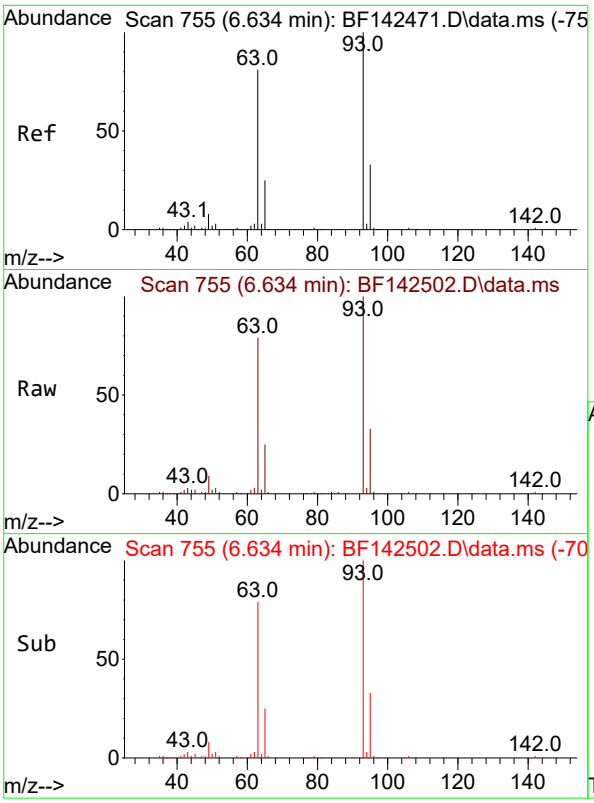


#10
Phenol
Concen: 38.958 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 94 Resp: 302742

Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.3	50.3
66	42.6	22.6	62.6



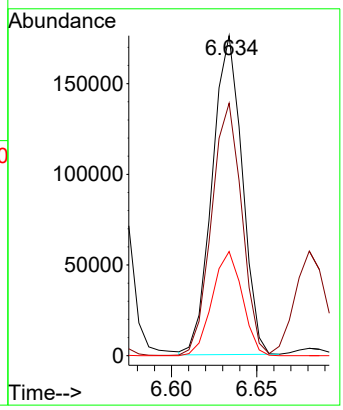


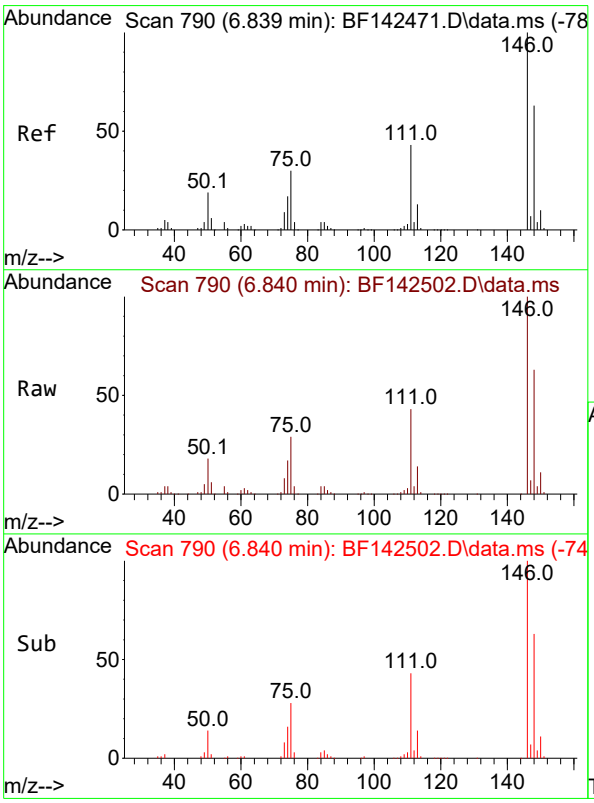
#11
bis(2-Chloroethyl)ether
Concen: 38.397 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 214791

Ion	Ratio	Lower	Upper
93	100		
63	78.9	60.2	100.2
95	32.6	12.3	52.3

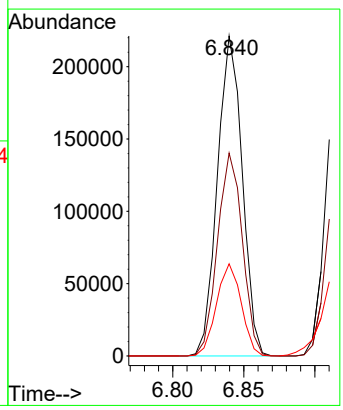


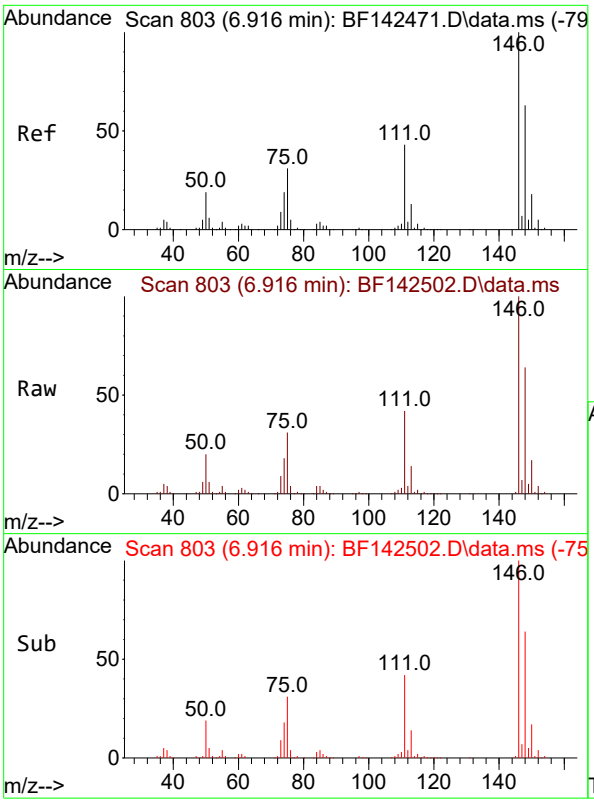


#12
1,3-Dichlorobenzene
Concen: 38.613 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:146 Resp: 269252

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
75	28.8	23.8	35.6



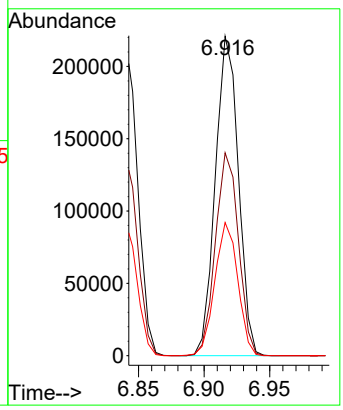


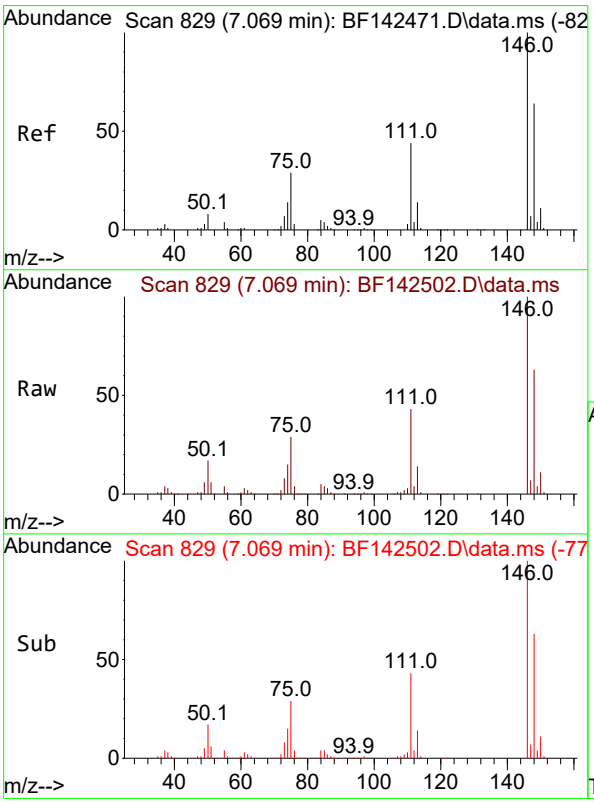
#13
1,4-Dichlorobenzene
Concen: 38.388 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 269642

Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	41.7	34.1	51.1

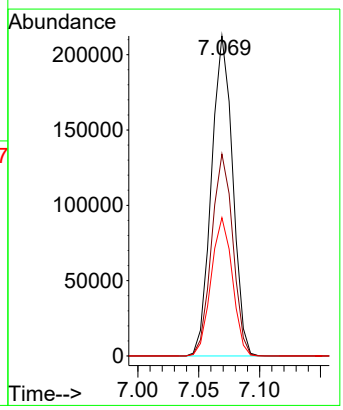


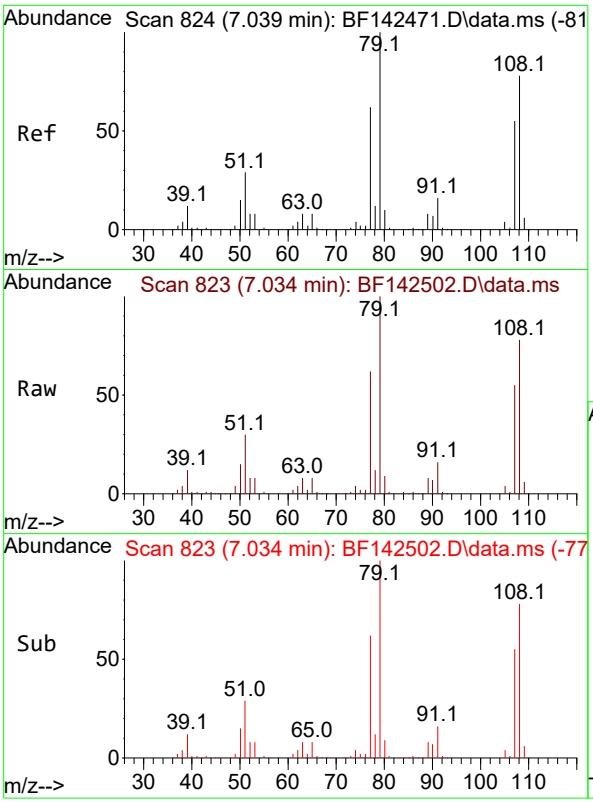


#14
1,2-Dichlorobenzene
Concen: 38.302 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:146 Resp: 257431

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
111	43.2	35.0	52.6



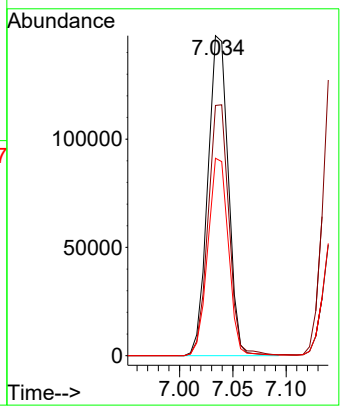


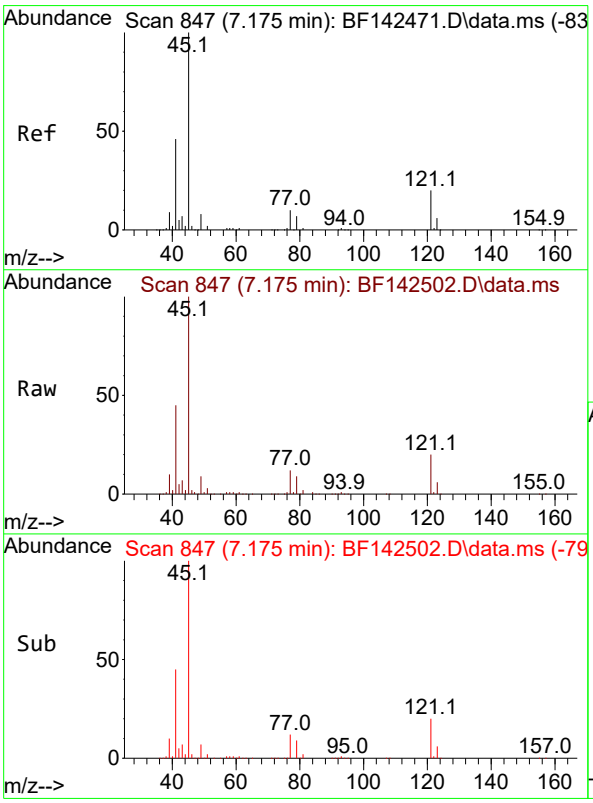
#15
Benzyl Alcohol
Concen: 38.771 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 197875

Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.1	93.1
77	61.7	49.5	74.3

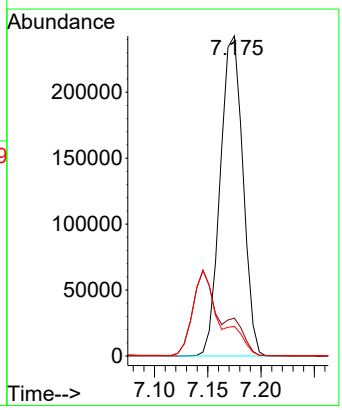


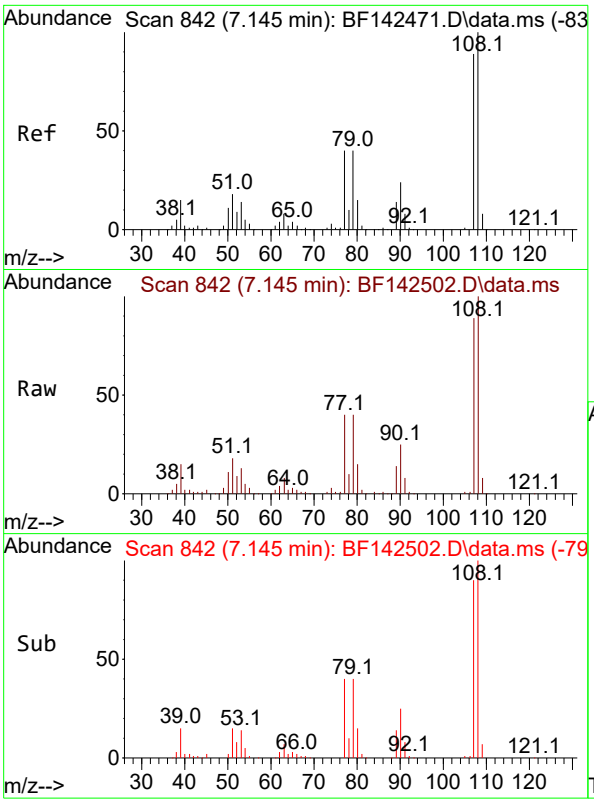


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.111 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 45 Resp: 358019

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	32.0
79	9.2	0.0	29.2



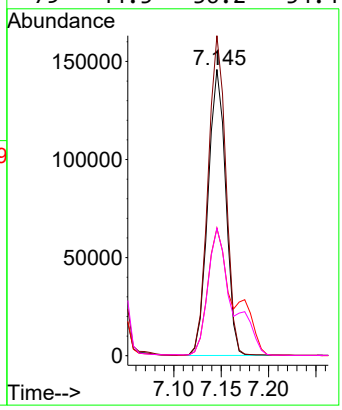


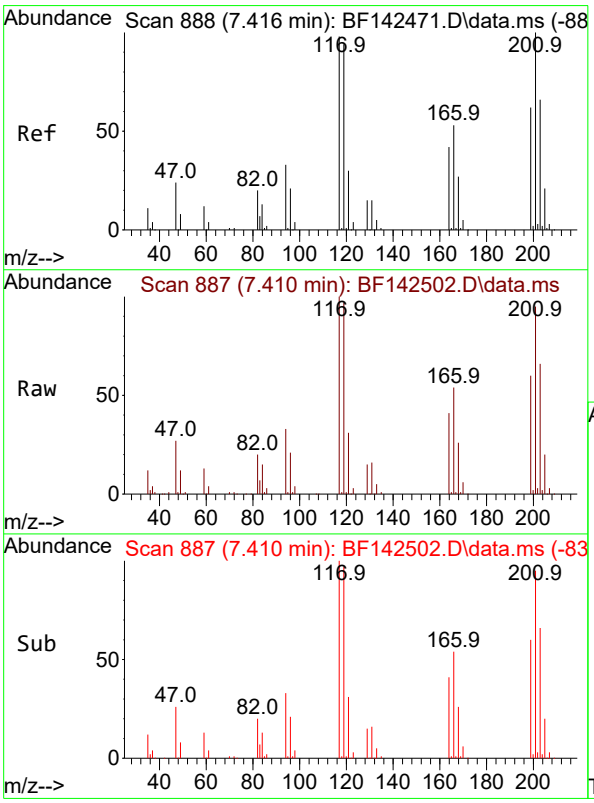
#17
2-Methylphenol
Concen: 38.917 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 189875

Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	44.5	36.1	54.1
79	44.5	36.2	54.4

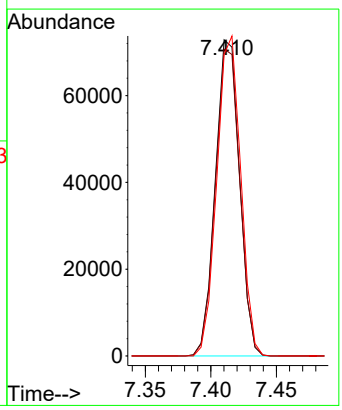


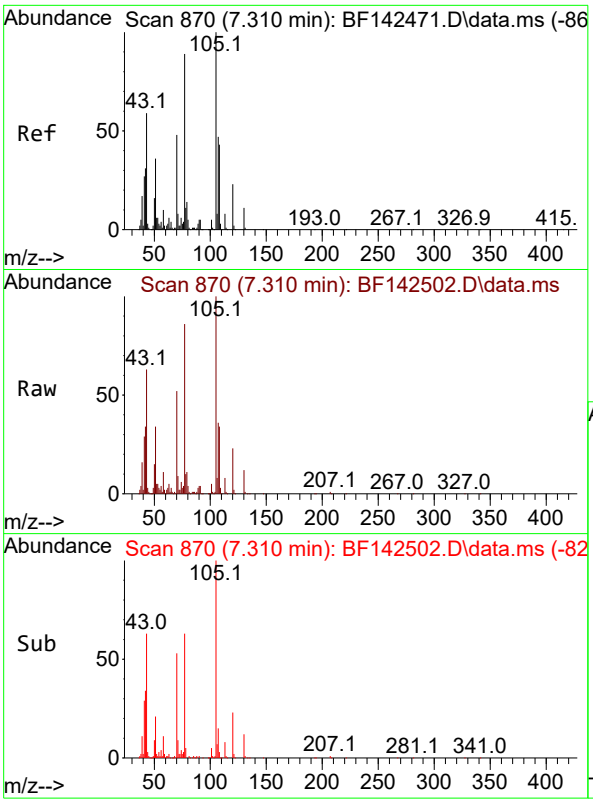


#18
Hexachloroethane
Concen: 38.072 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:117 Resp: 93379

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.6	114.8
201	95.3	81.3	121.9



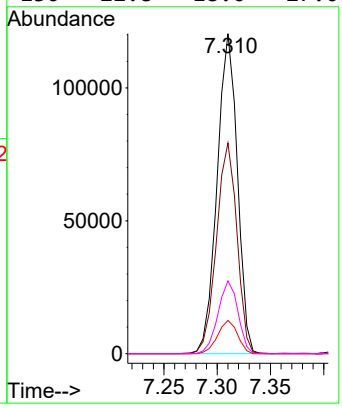


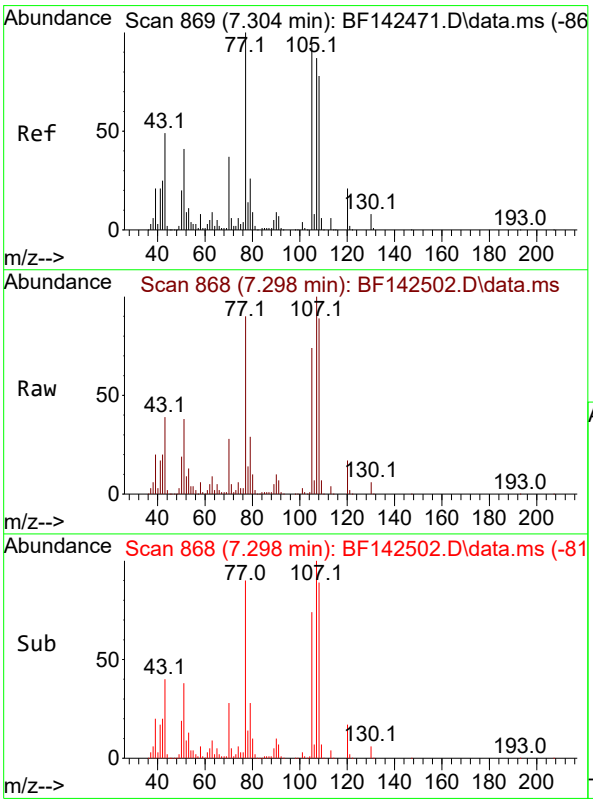
#19
n-Nitroso-di-n-propylamine
Concen: 37.081 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 158714

Ion	Ratio	Lower	Upper
70	100		
42	65.8	52.4	78.6
101	10.4	7.8	11.8
130	22.8	18.0	27.0

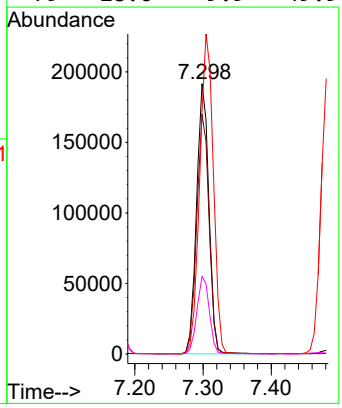


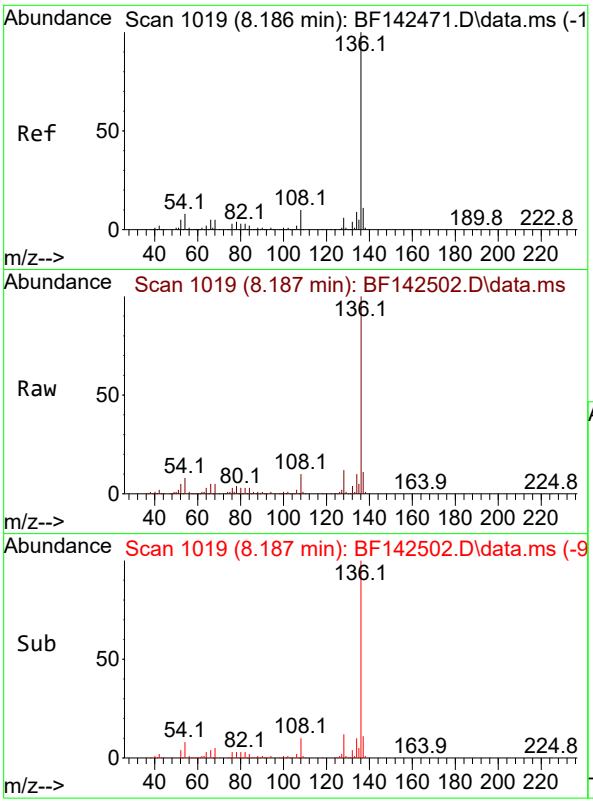


#20
3+4-Methylphenols
Concen: 38.429 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:107 Resp: 240103

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.4	110.4
77	89.9	95.4	135.4#
79	28.6	9.9	49.9



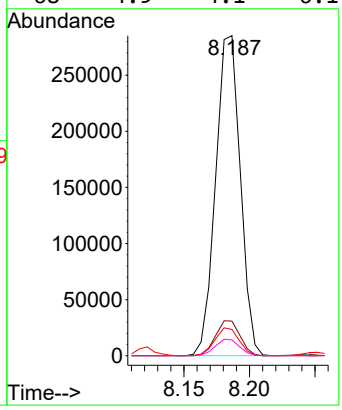


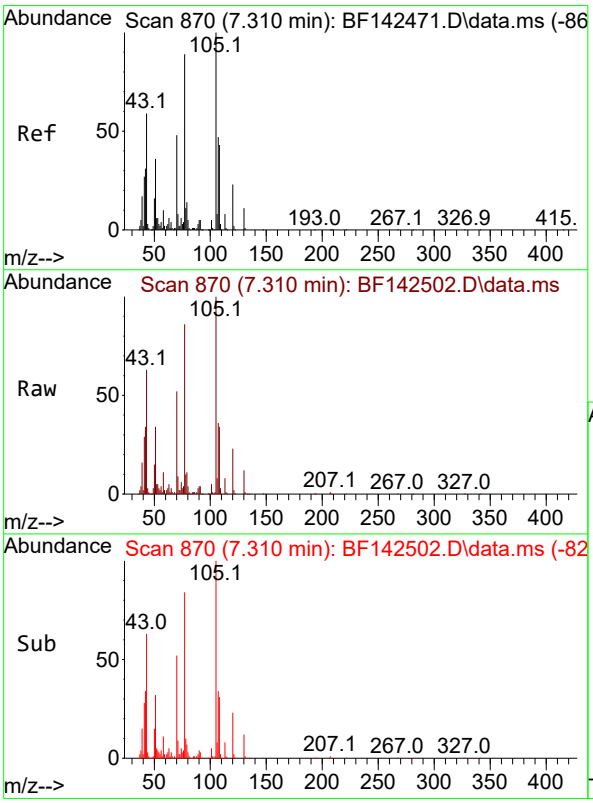
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 372701

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.6	10.0
68	4.9	4.1	6.1

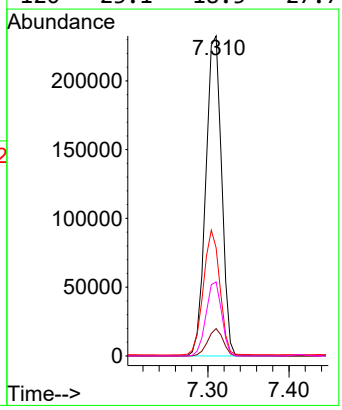


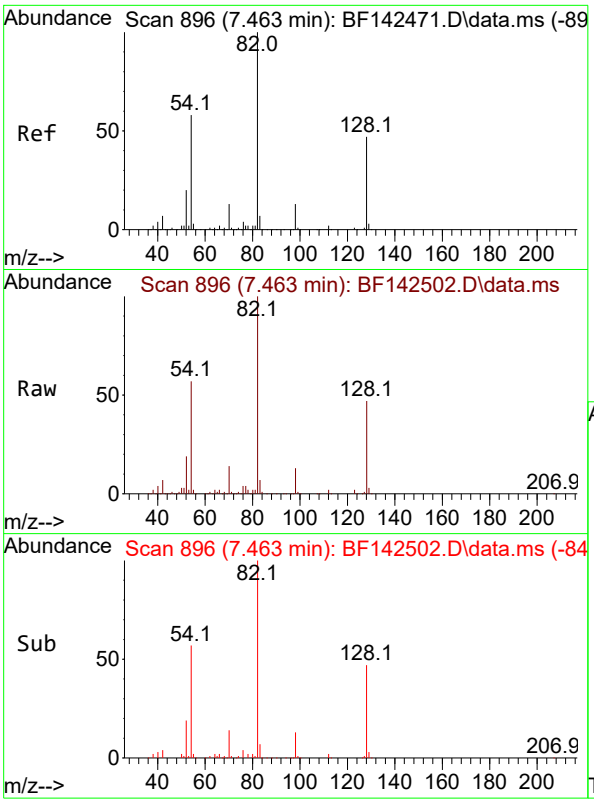


#22
Acetophenone
Concen: 38.192 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:105 Resp: 315101

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.4	9.6
51	33.8	28.6	42.8
120	23.1	18.5	27.7



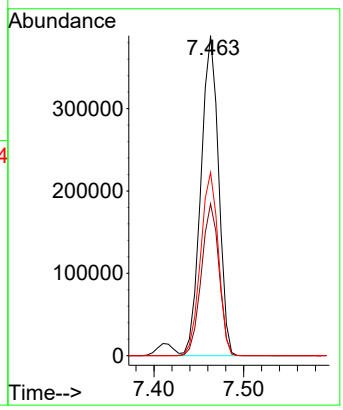


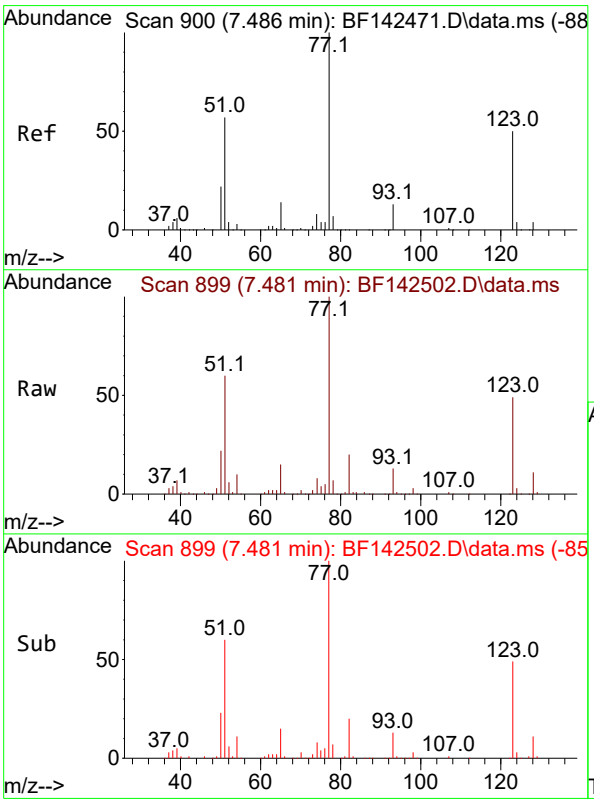
#23
Nitrobenzene-d5
Concen: 77.570 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 530183

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	57.3	46.6	70.0

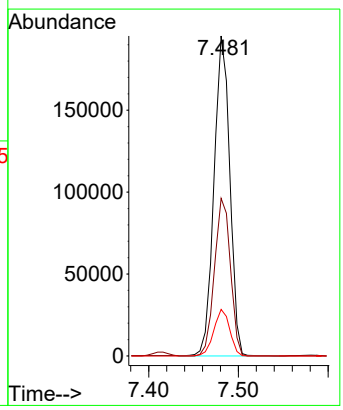


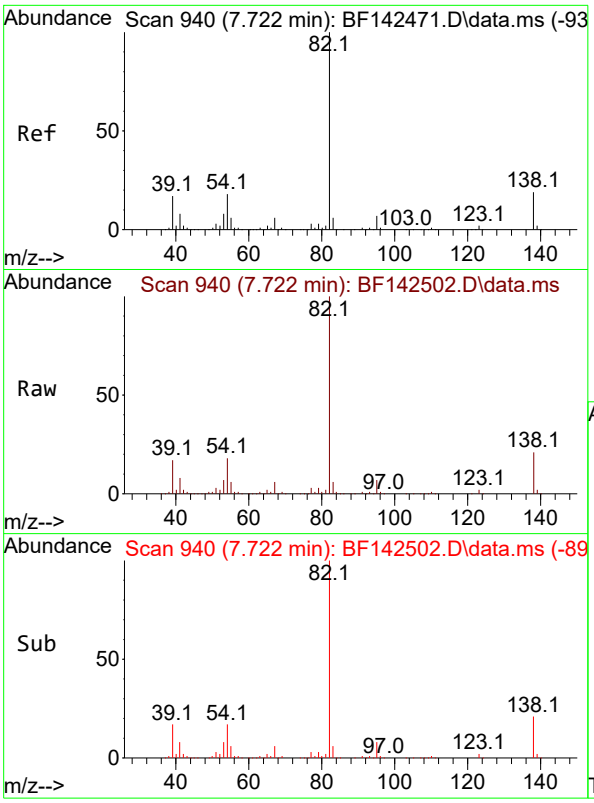


#24
Nitrobenzene
Concen: 38.825 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 77 Resp: 239334

Ion	Ratio	Lower	Upper
77	100		
123	49.2	40.6	61.0
65	14.6	11.4	17.2



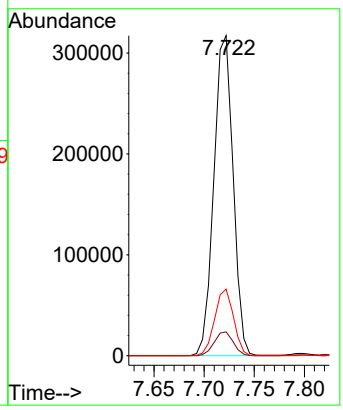


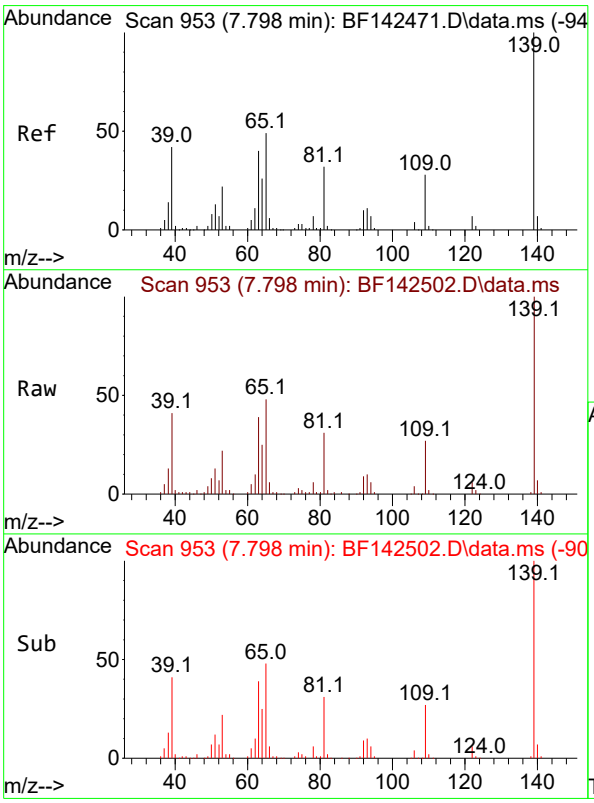
#25
Isophorone
Concen: 37.062 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 423533

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.8	15.5	23.3

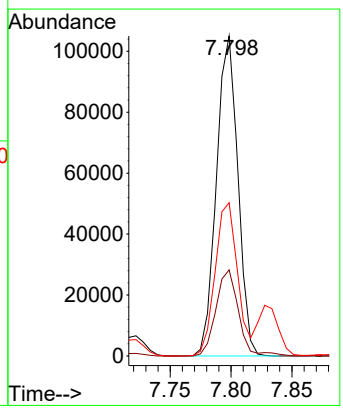


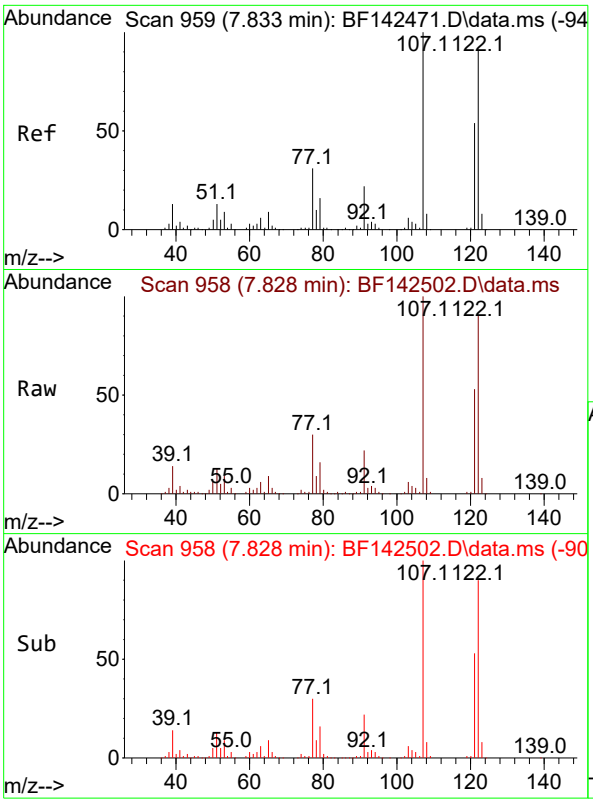


#26
2-Nitrophenol
Concen: 39.135 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:139 Resp: 128906

Ion	Ratio	Lower	Upper
139	100		
109	26.9	22.6	33.8
65	47.9	39.4	59.0



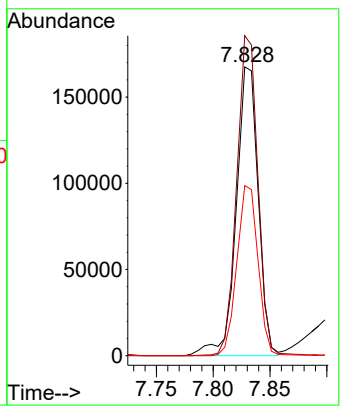


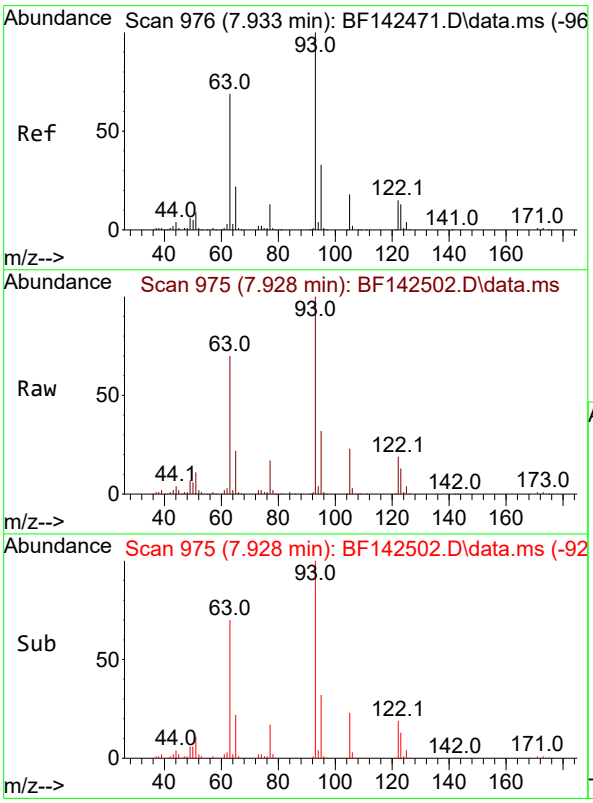
#27
2,4-Dimethylphenol
Concen: 38.788 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 225314

Ion	Ratio	Lower	Upper
122	100		
107	110.8	88.1	132.1
121	58.9	47.3	70.9

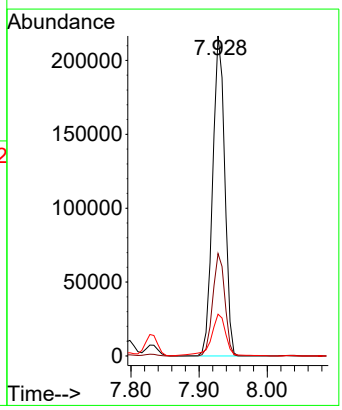


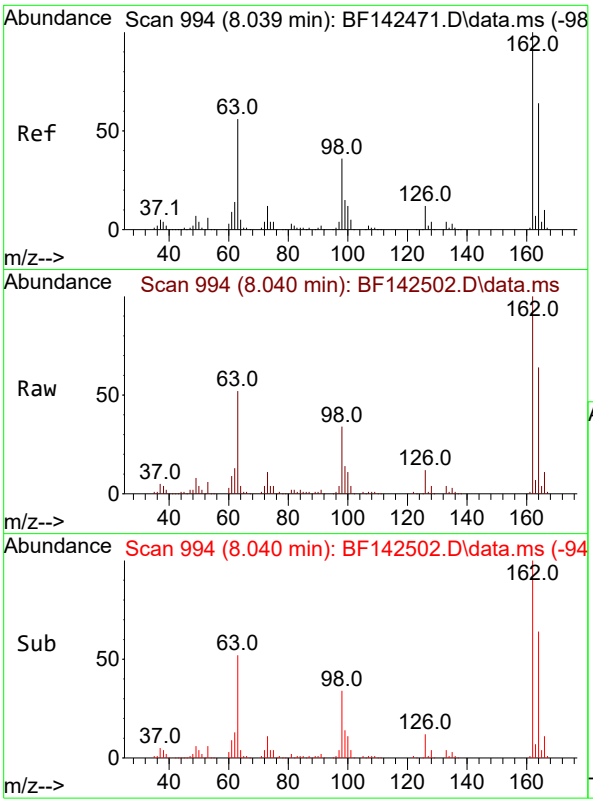


#28
bis(2-Chloroethoxy)methane
Concen: 37.553 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 93 Resp: 268076

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.4	39.6
123	13.1	10.6	15.8



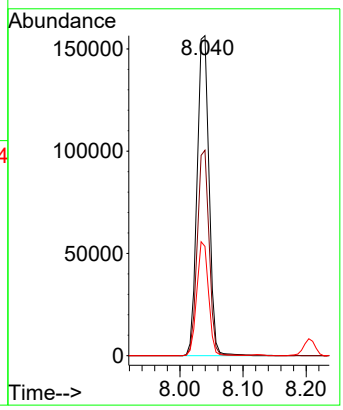


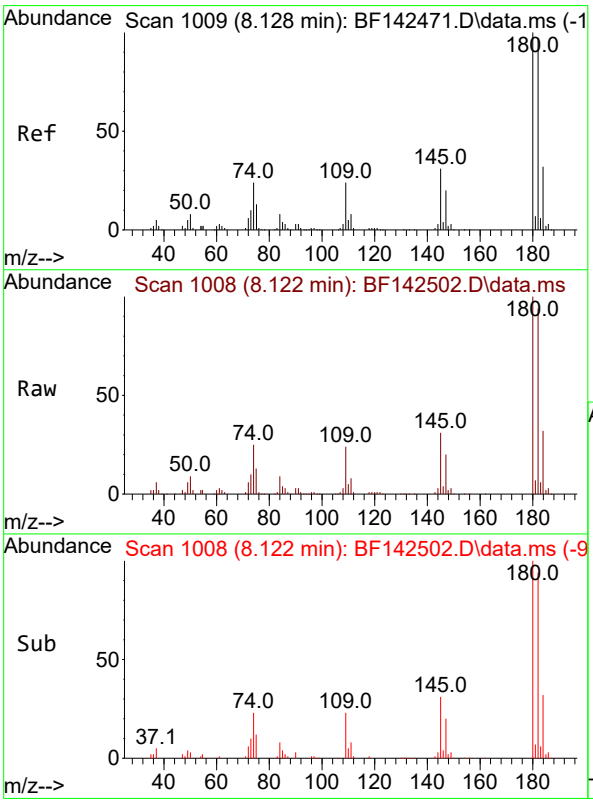
#29
2,4-Dichlorophenol
Concen: 38.961 ng
RT: 8.040 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 205819

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	34.1	15.5	55.5

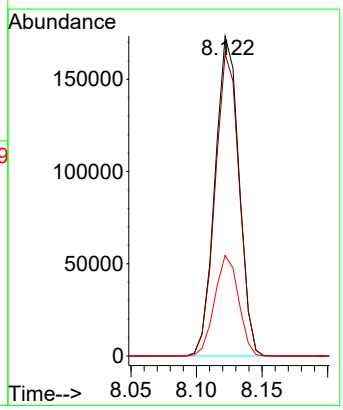


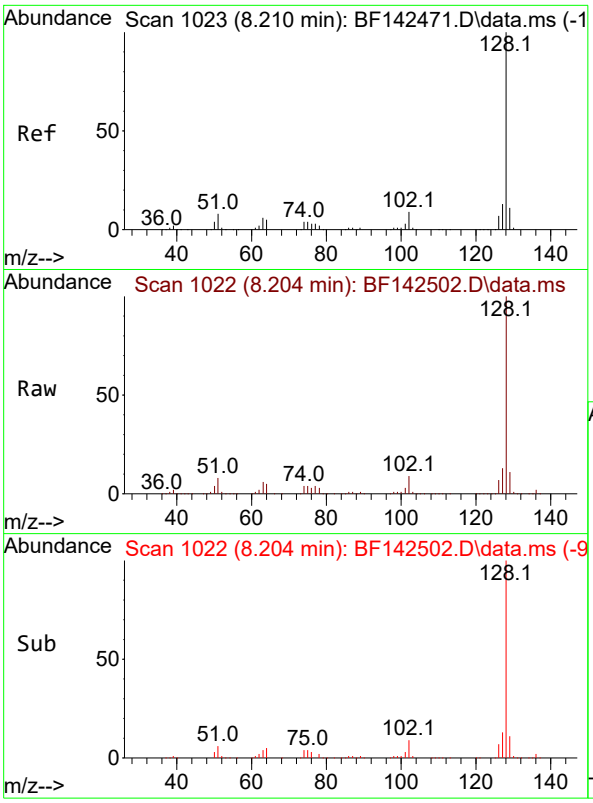


#30
1,2,4-Trichlorobenzene
Concen: 38.377 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:180 Resp: 220024

Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	31.5	25.0	37.6



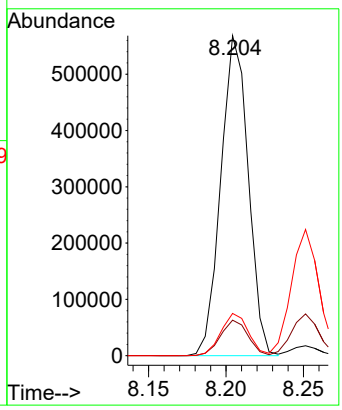


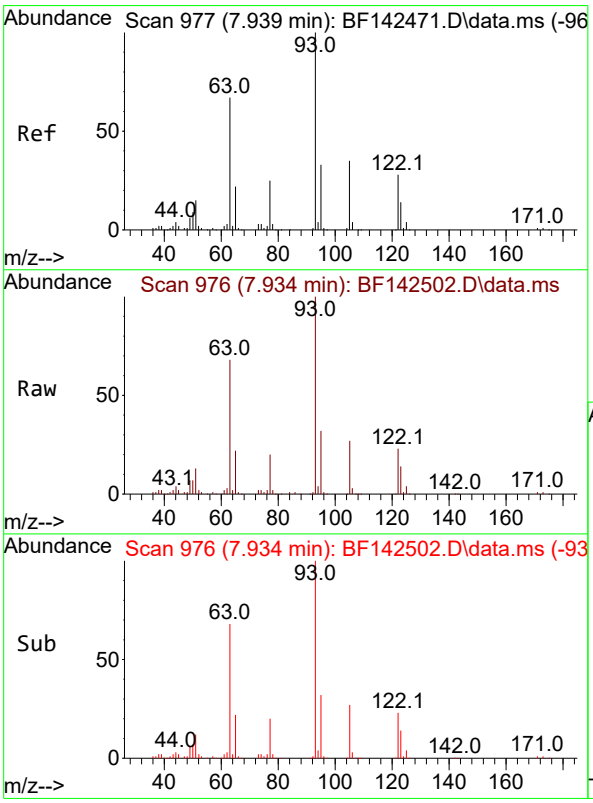
#31
Naphthalene
Concen: 38.121 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 699587

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.5	15.7

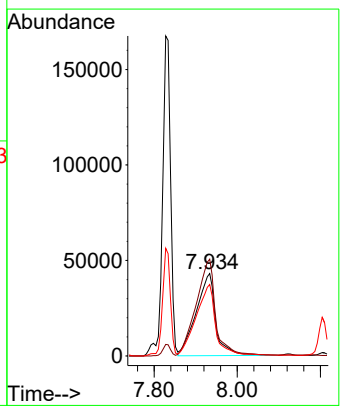


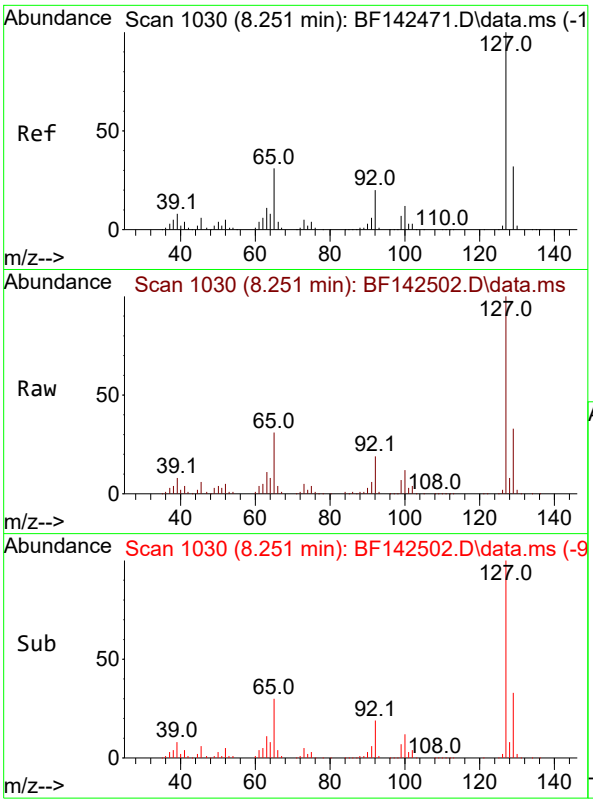


#32
Benzoic acid
Concen: 39.792 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.041 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:122 Resp: 140703

Ion	Ratio	Lower	Upper
122	100		
105	117.4	101.7	141.7
77	86.8	69.5	109.5



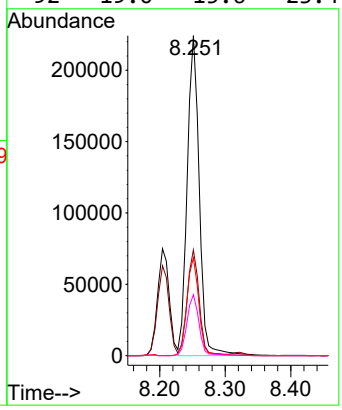


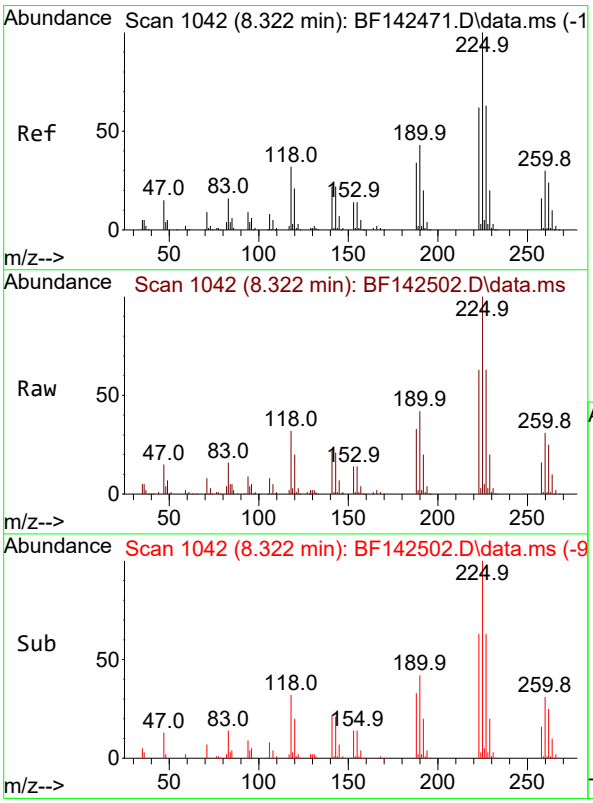
#33
4-Chloroaniline
Concen: 38.411 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 285629

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	30.6	24.9	37.3
92	19.0	15.6	23.4

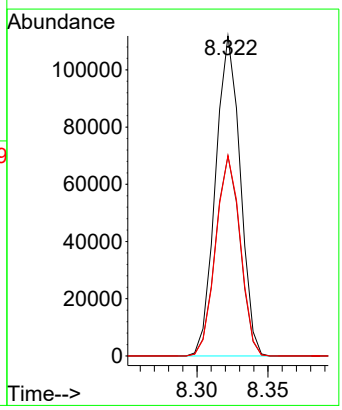


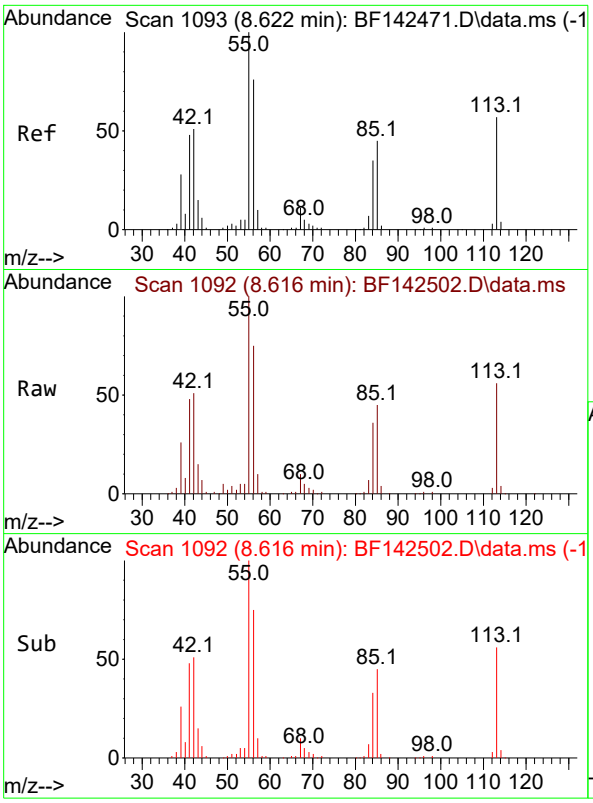


#34
Hexachlorobutadiene
Concen: 37.650 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:225 Resp: 134778

Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	62.6	50.3	75.5



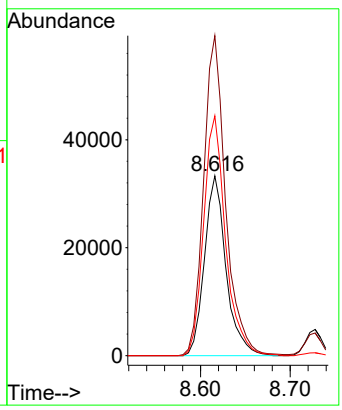


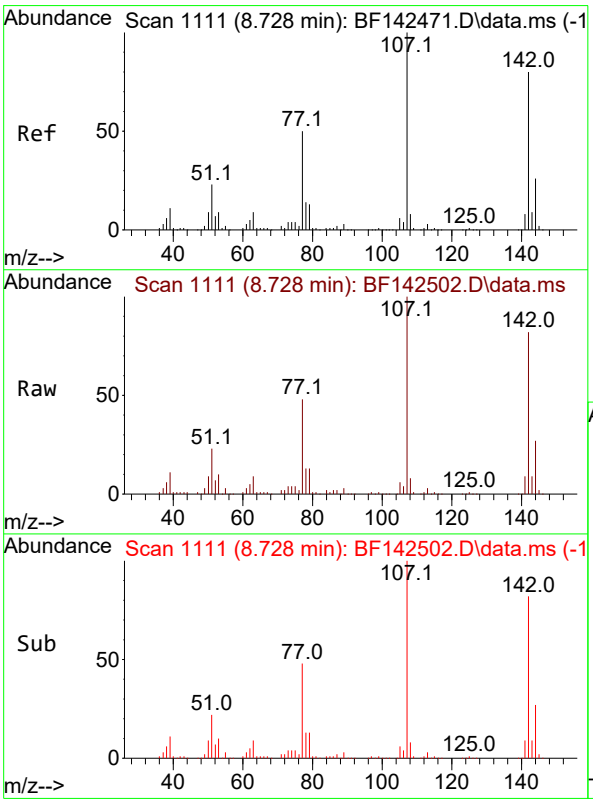
#35
Caprolactam
Concen: 37.492 ng
RT: 8.616 min Scan# 1
Delta R.T. -0.029 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 55626

Ion	Ratio	Lower	Upper
113	100		
55	177.9	154.7	194.7
56	133.3	113.2	153.2

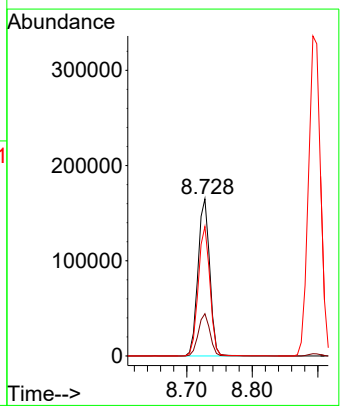


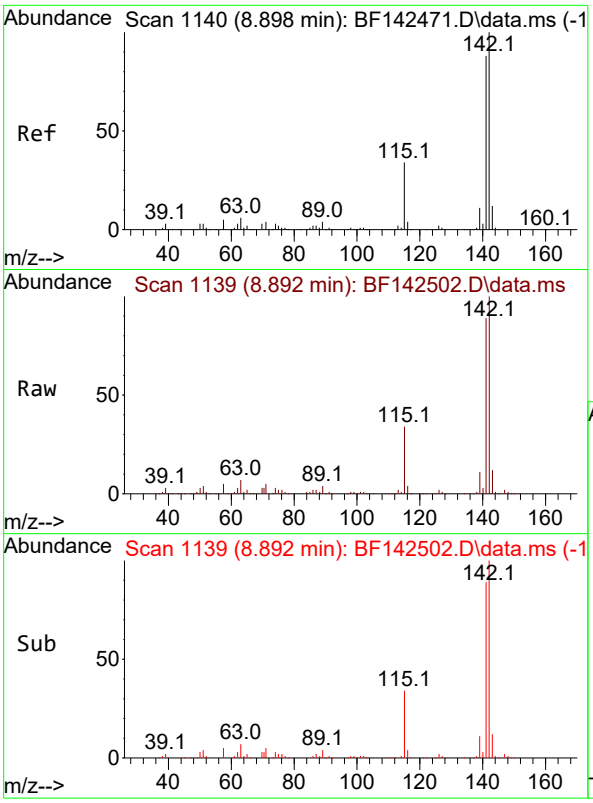


#36
4-Chloro-3-methylphenol
Concen: 38.135 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:107 Resp: 206459

Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.9	31.3
142	82.4	64.2	96.2



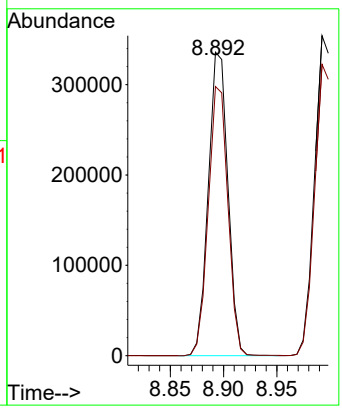


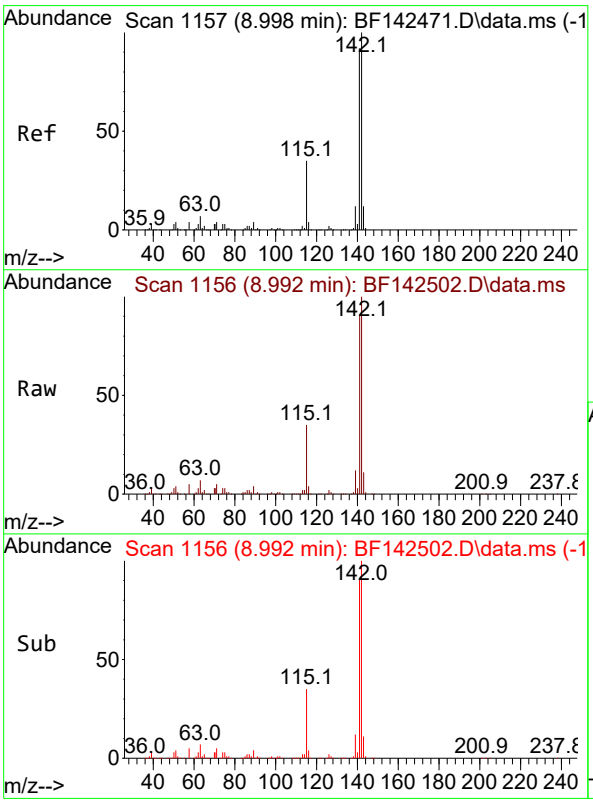
#37
2-Methylnaphthalene
Concen: 37.285 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 430472

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.7	106.1

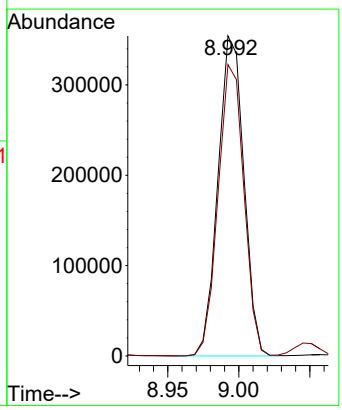


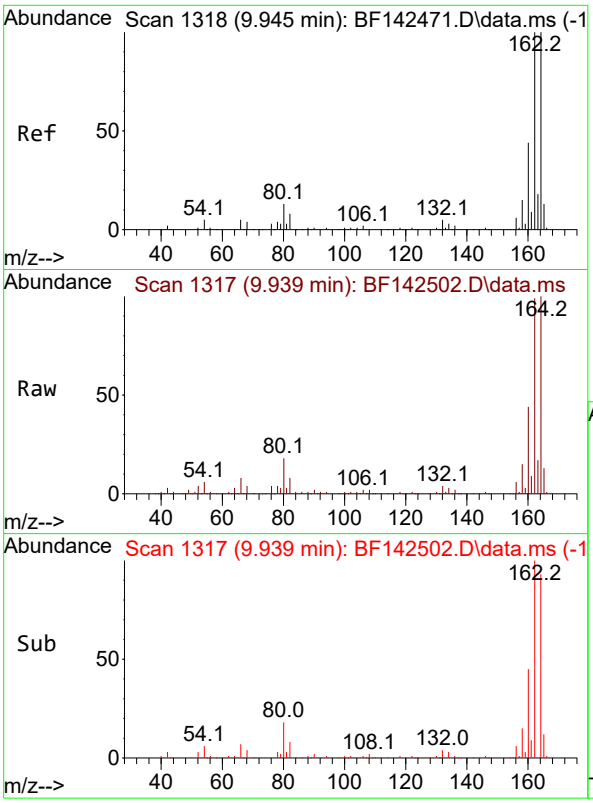


#38
1-Methylnaphthalene
Concen: 37.517 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:142 Resp: 448040

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.2



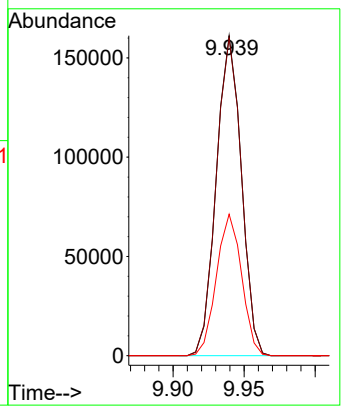


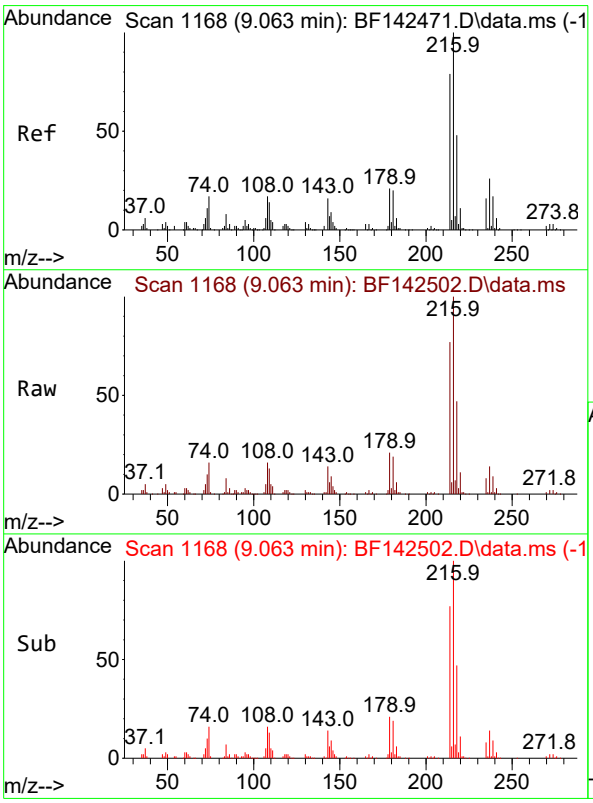
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 197309

Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.4
160	44.2	35.6	53.4

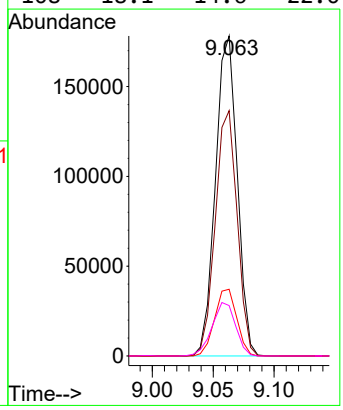


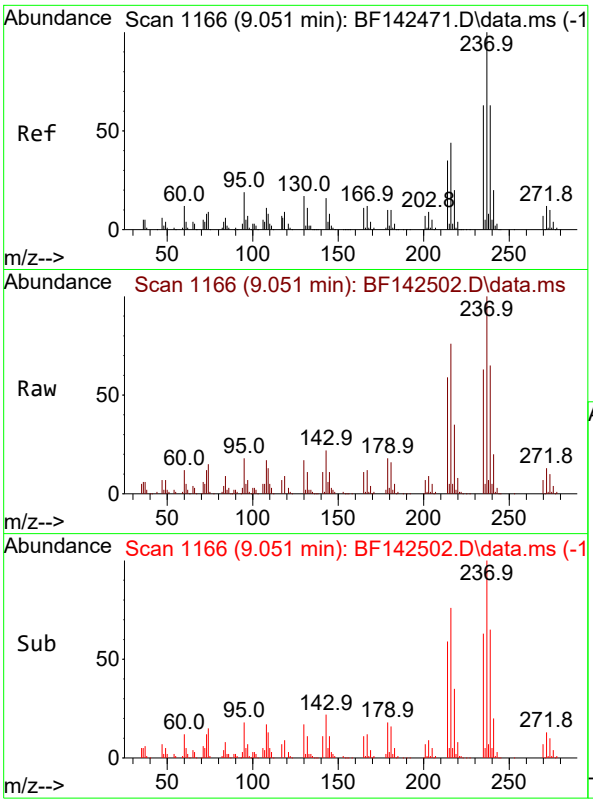


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.153 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:216 Resp: 221756

Ion	Ratio	Lower	Upper
216	100		
214	76.9	62.9	94.3
179	21.3	16.9	25.3
108	18.1	14.6	22.0



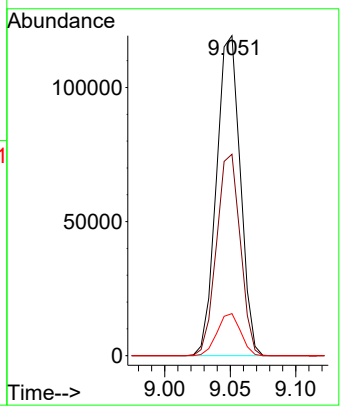


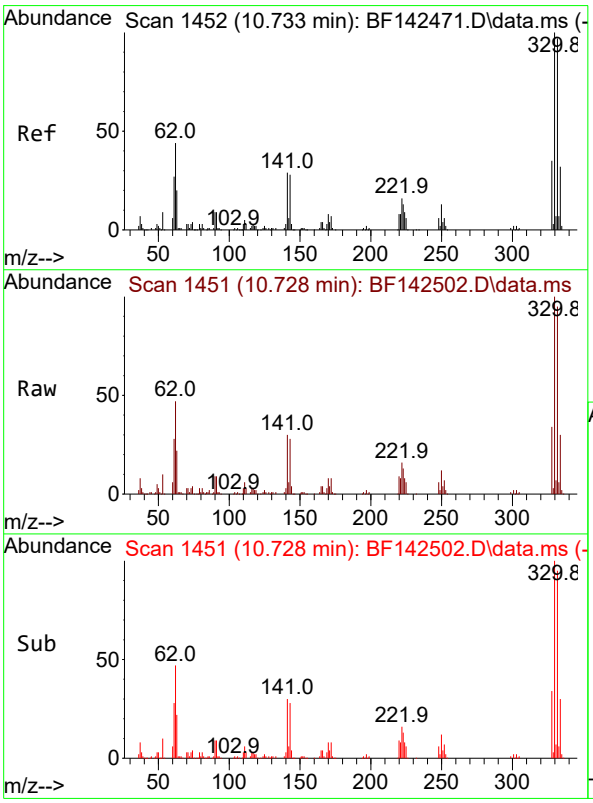
#41
Hexachlorocyclopentadiene
Concen: 39.409 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 150573

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.3	83.3
272	13.1	0.0	32.4

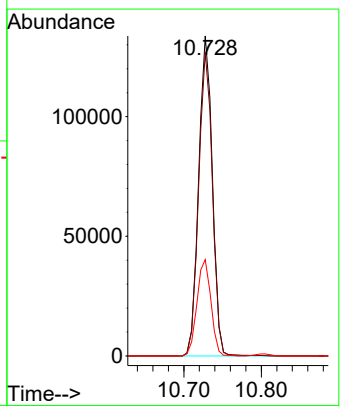


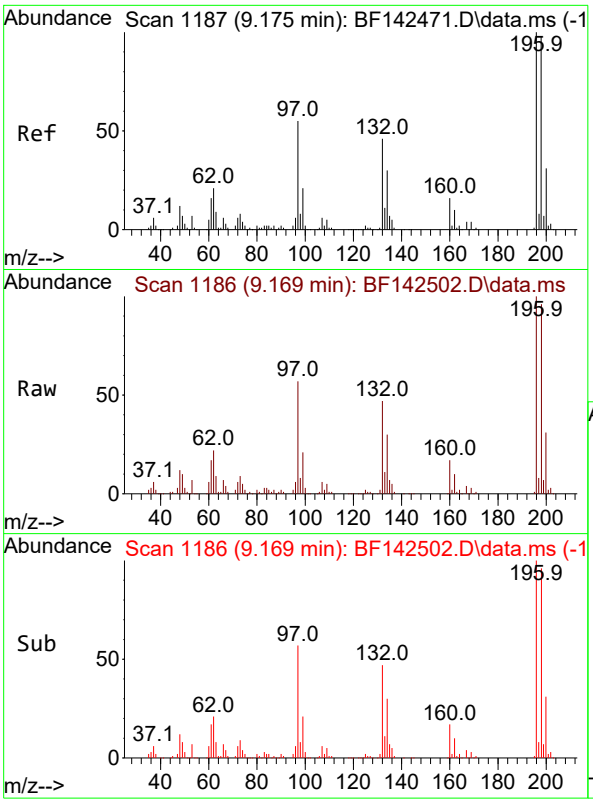


#42
2,4,6-Tribromophenol
Concen: 74.998 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:330 Resp: 164236

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.6	116.4
141	30.6	24.6	36.8



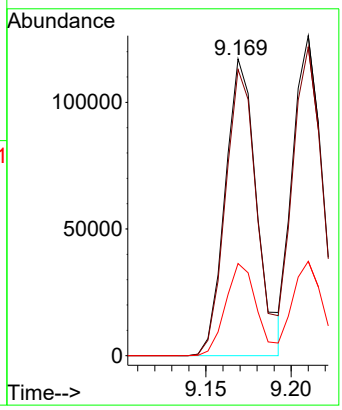


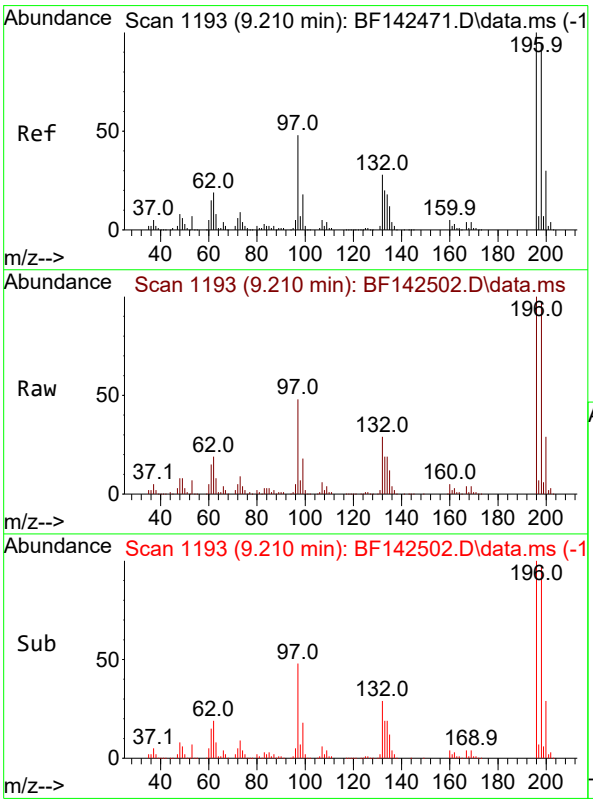
#43
2,4,6-Trichlorophenol
Concen: 39.540 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 151013

Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.8	118.2
200	31.1	24.9	37.3

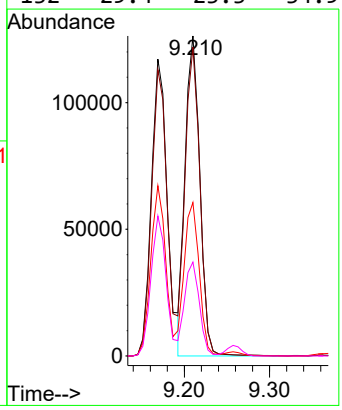


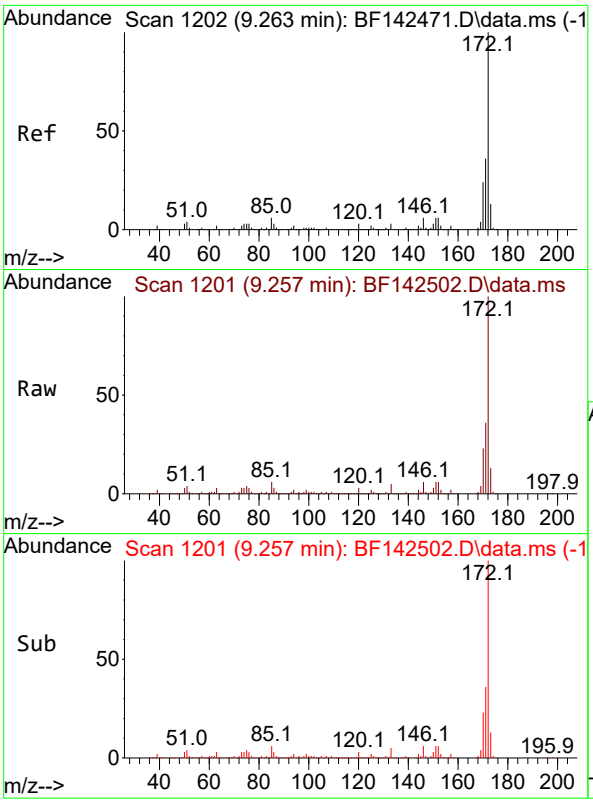


#44
2,4,5-Trichlorophenol
Concen: 37.777 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:196 Resp: 152163

Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.5	113.3
97	47.9	39.3	58.9
132	29.4	23.3	34.9



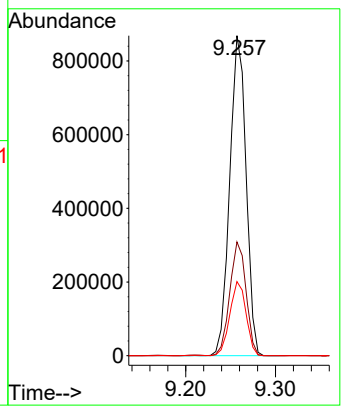


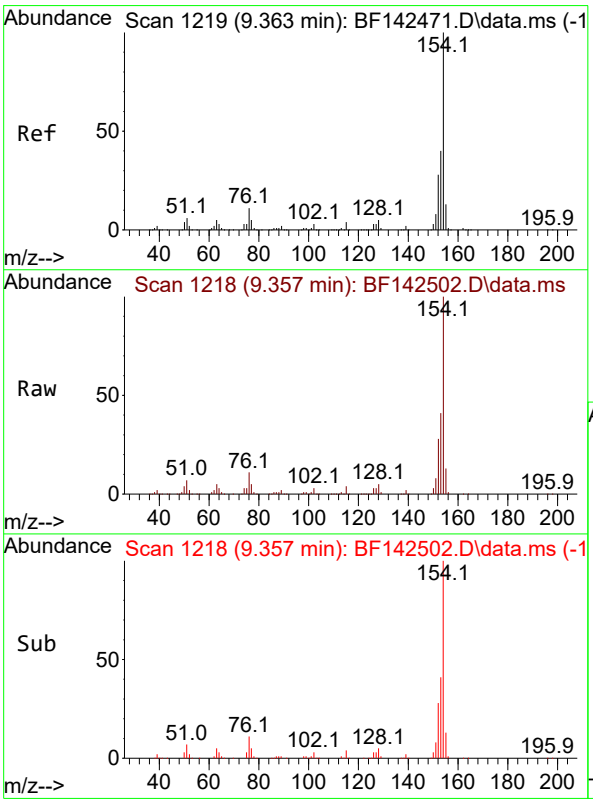
#45
2-Fluorobiphenyl
Concen: 74.571 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1096499

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.2	18.9	28.3

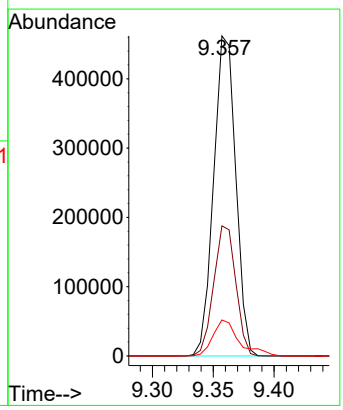


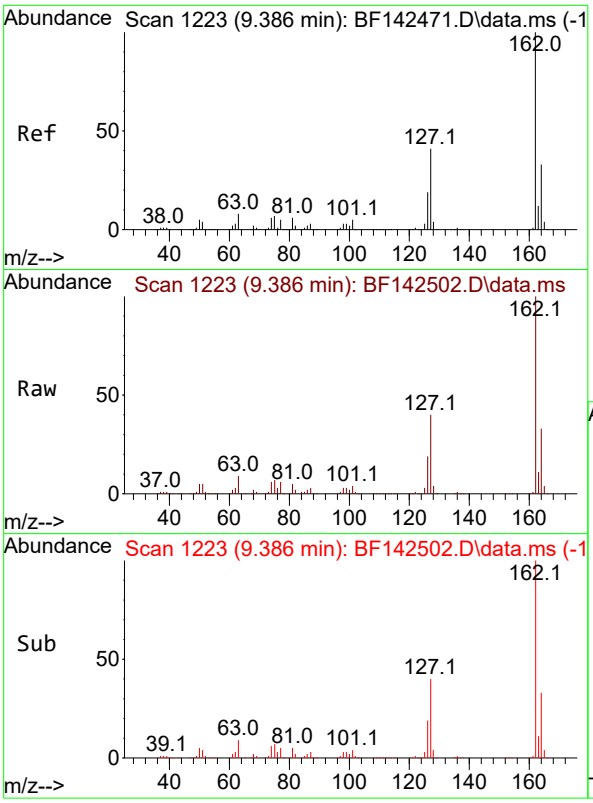


#46
1,1'-Biphenyl
Concen: 38.167 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:154 Resp: 584245

Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	11.3	0.0	30.8



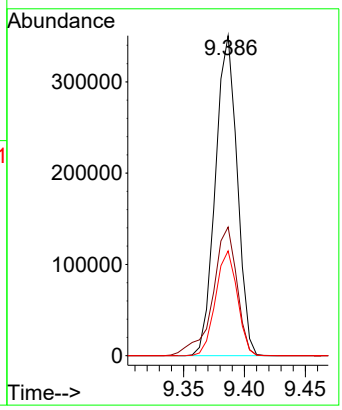


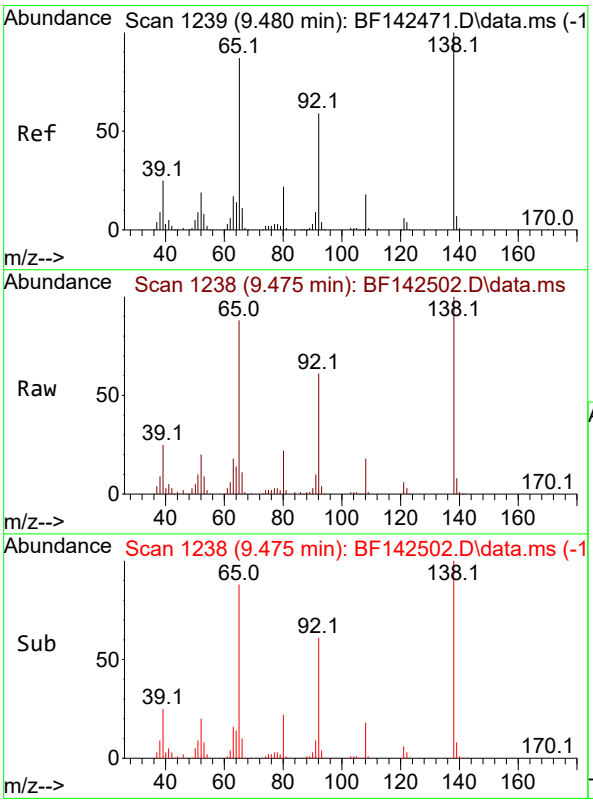
#47
2-Chloronaphthalene
Concen: 38.623 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 436815

Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.5	50.3
164	32.7	26.1	39.1

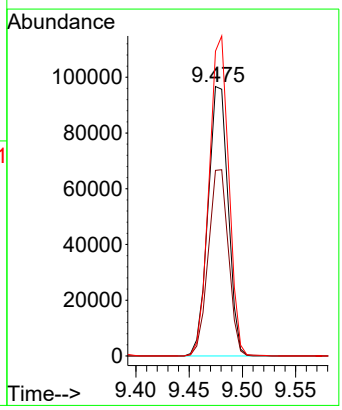


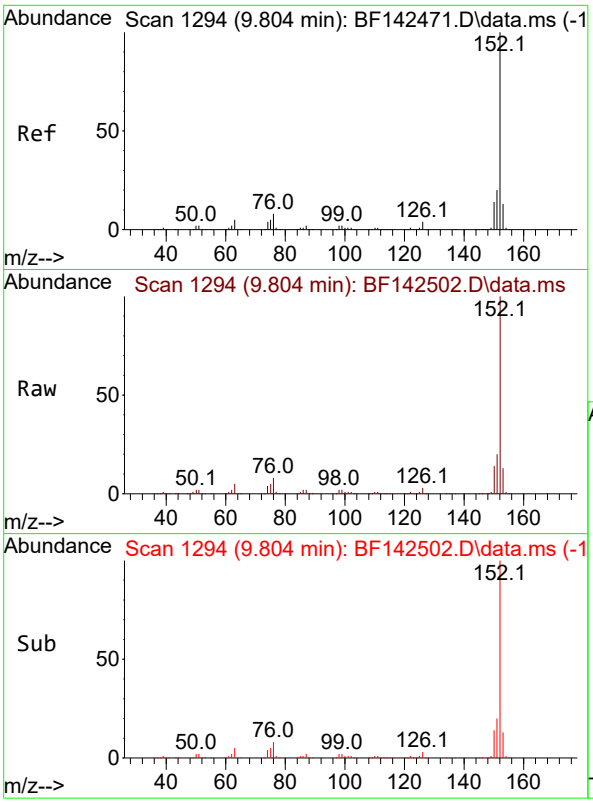


#48
2-Nitroaniline
Concen: 38.921 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion: 65 Resp: 127235

Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.4	81.6
138	113.1	91.4	137.2



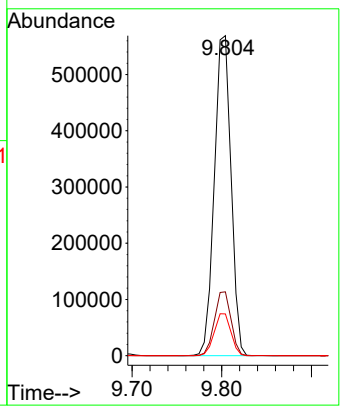


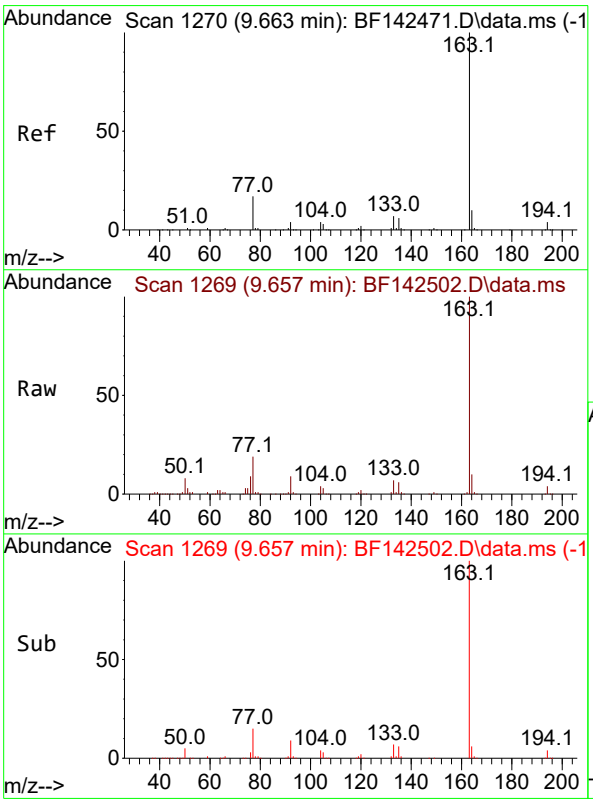
#49
Acenaphthylene
Concen: 38.516 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 735563

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.1	10.6	15.8

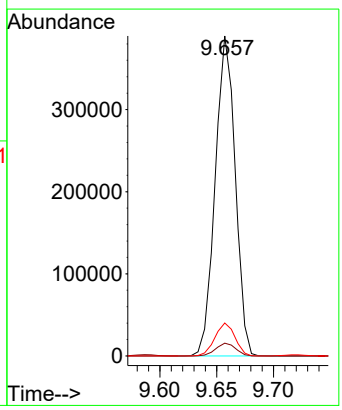


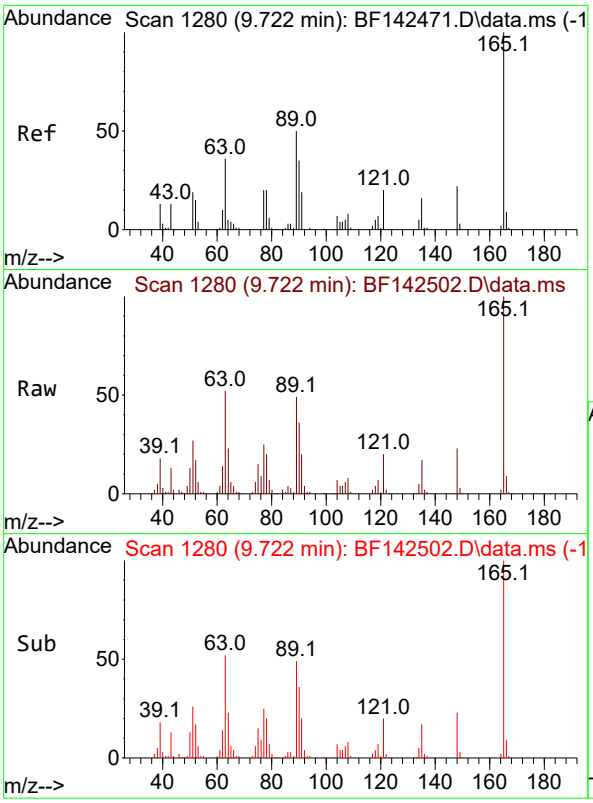


#50
Dimethylphthalate
Concen: 36.782 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:163 Resp: 478872

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.2	12.4



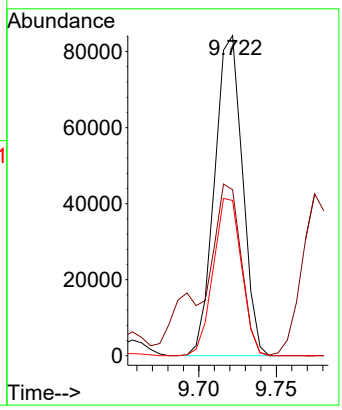


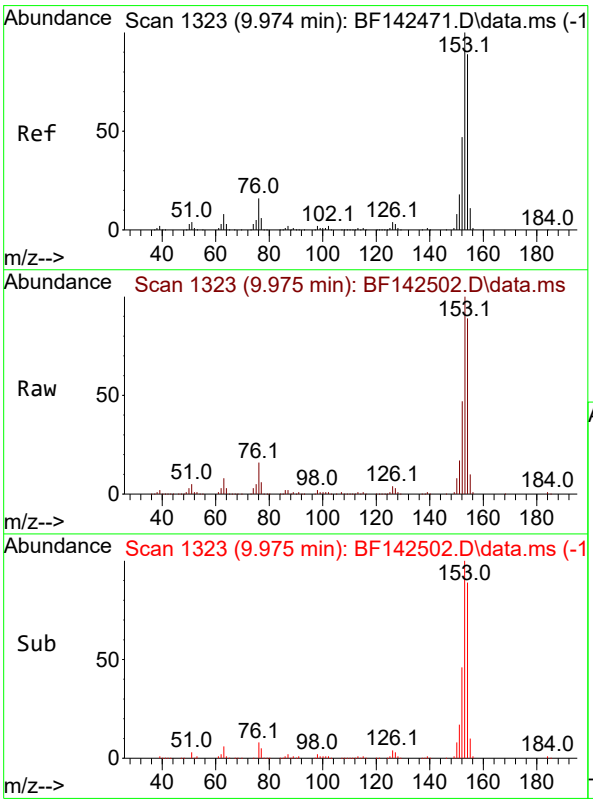
#51
2,6-Dinitrotoluene
Concen: 37.548 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 105507

Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.9	64.3
89	48.5	40.2	60.4

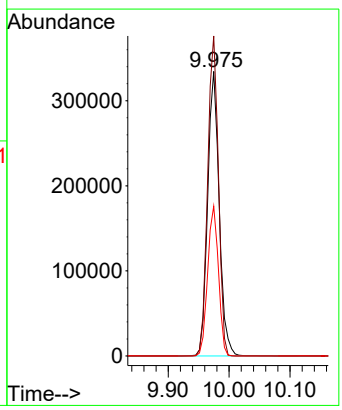


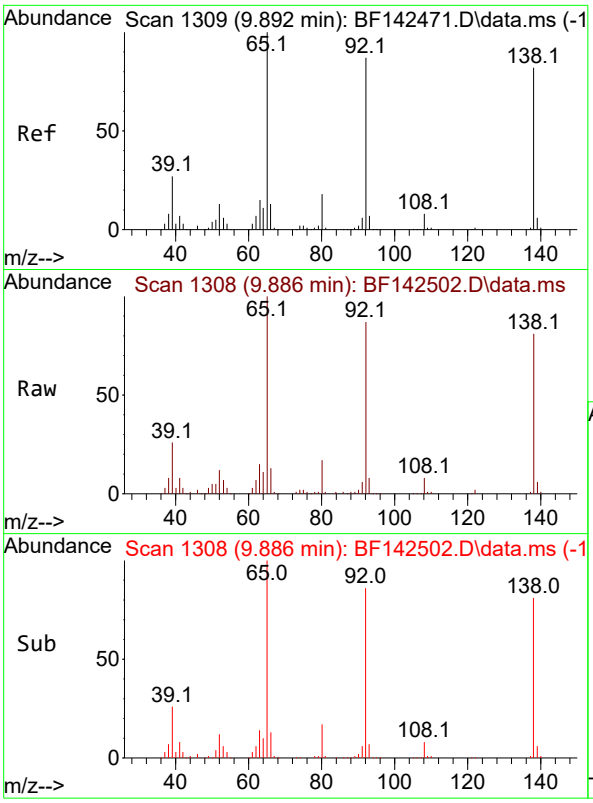


#52
Acenaphthene
Concen: 37.846 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:154 Resp: 441339

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	52.7	42.6	64.0



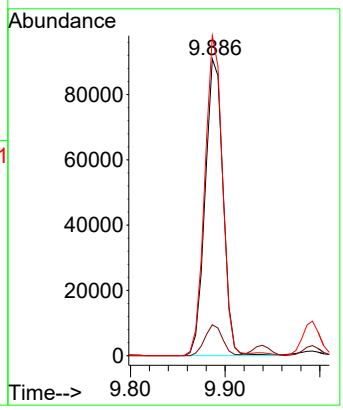


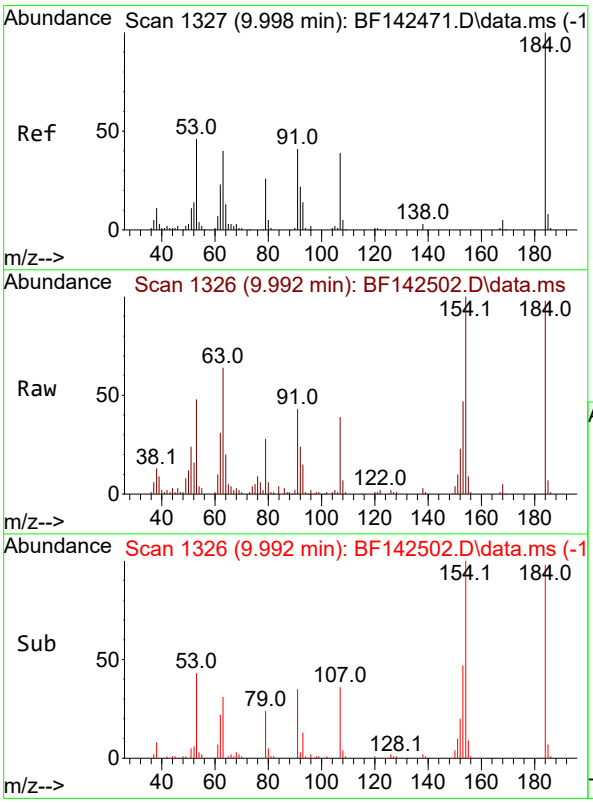
#53
3-Nitroaniline
Concen: 38.933 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 119491

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.1	12.1
92	107.8	85.2	127.8

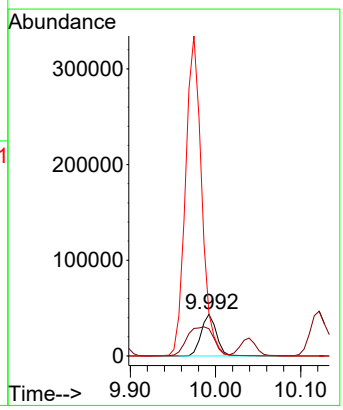


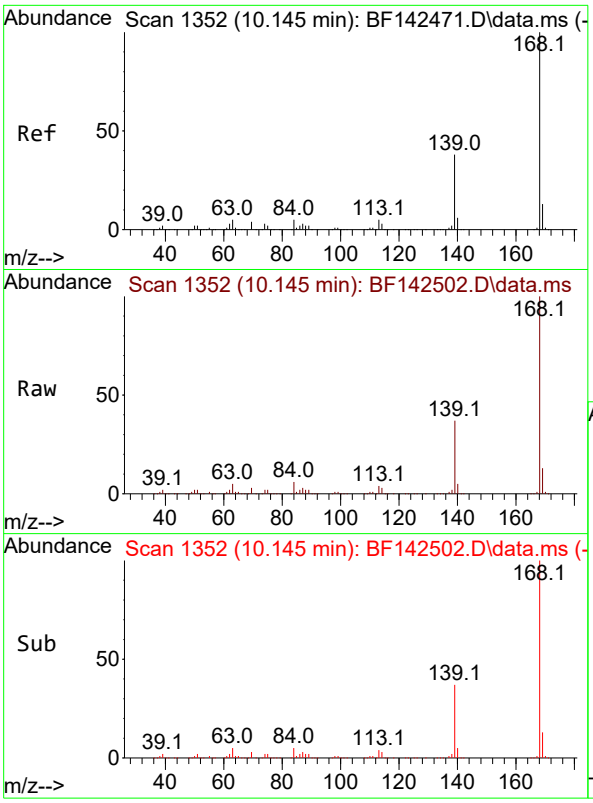


#54
2,4-Dinitrophenol
Concen: 37.458 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:184 Resp: 54378

Ion	Ratio	Lower	Upper
184	100		
63	65.3	46.3	69.5
154	101.8	56.8	85.2#



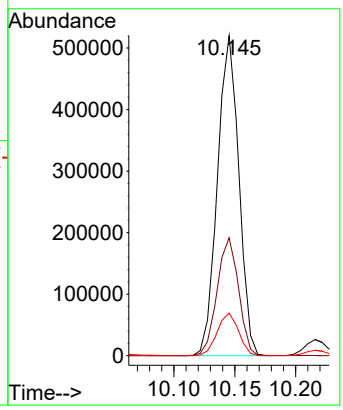


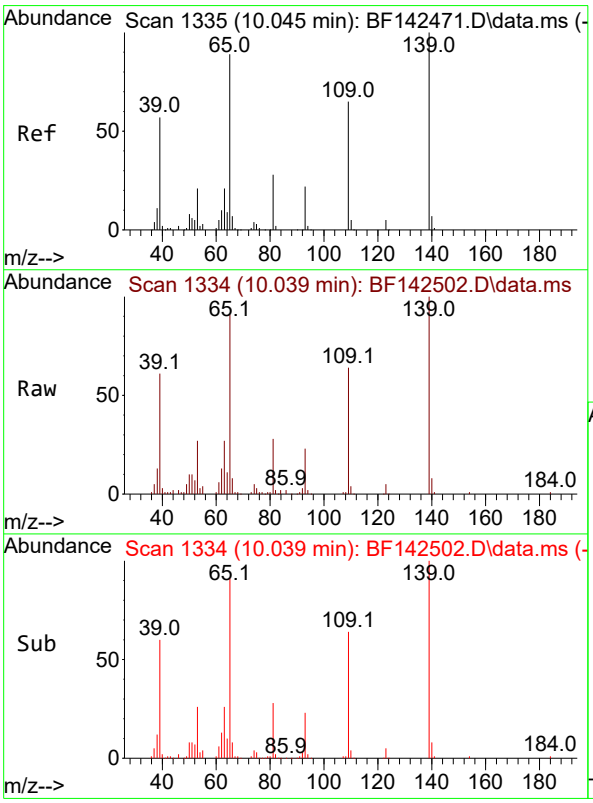
#55
Dibenzofuran
Concen: 37.851 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 635174

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.2	45.2
169	13.3	10.7	16.1

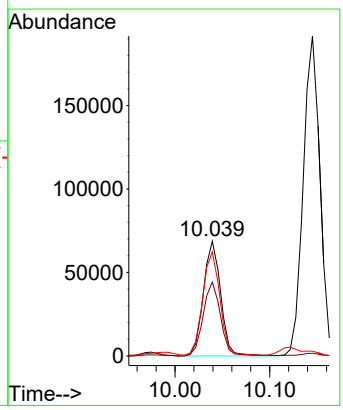


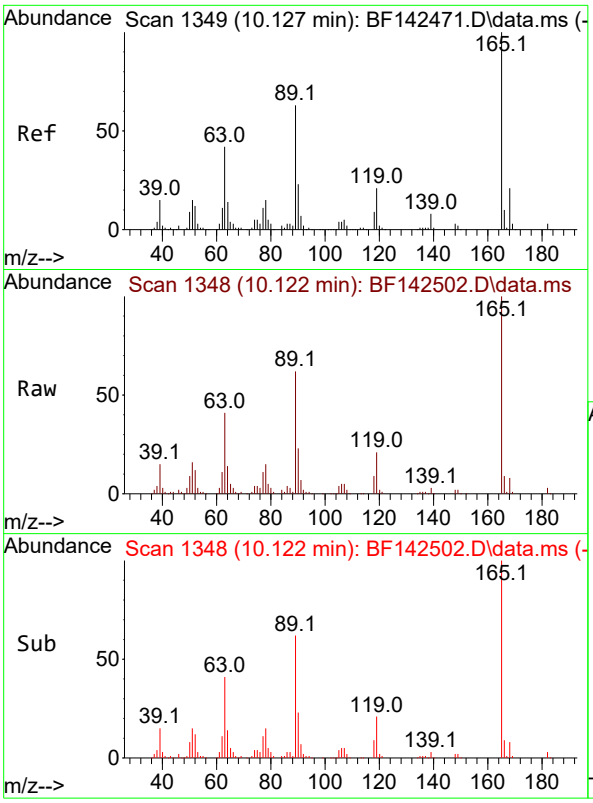


#56
4-Nitrophenol
Concen: 38.423 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:139 Resp: 87011

Ion	Ratio	Lower	Upper
139	100		
109	64.4	45.1	85.1
65	90.7	69.7	109.7



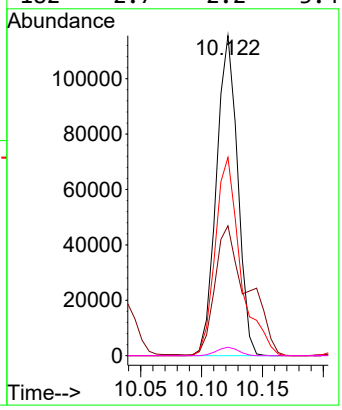


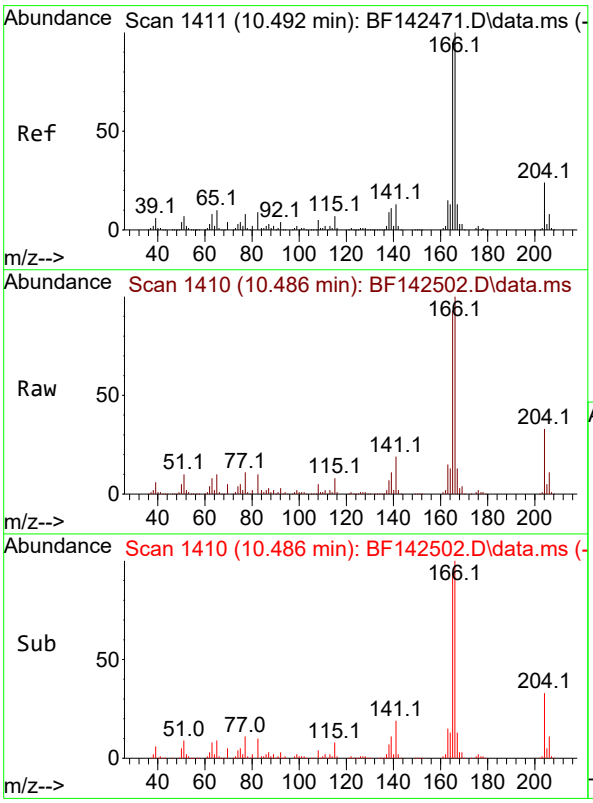
#57
2,4-Dinitrotoluene
Concen: 38.274 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 140453

Ion	Ratio	Lower	Upper
165	100		
63	40.6	33.6	50.4
89	62.0	50.2	75.4
182	2.7	2.2	3.4

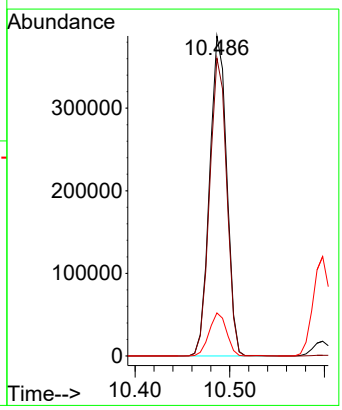


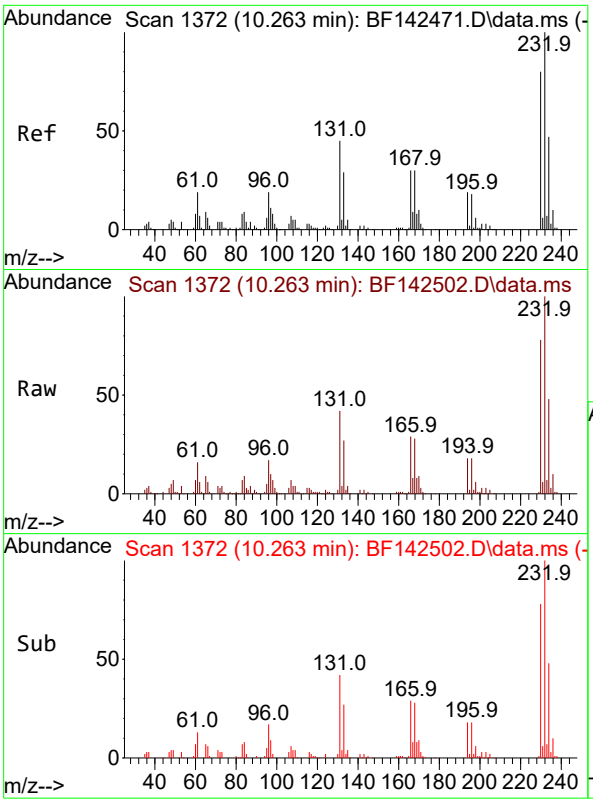


#58
Fluorene
Concen: 37.519 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:166 Resp: 486395

Ion	Ratio	Lower	Upper
166	100		
165	93.1	75.8	113.8
167	13.4	10.6	16.0



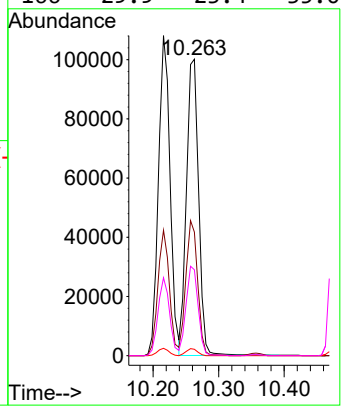


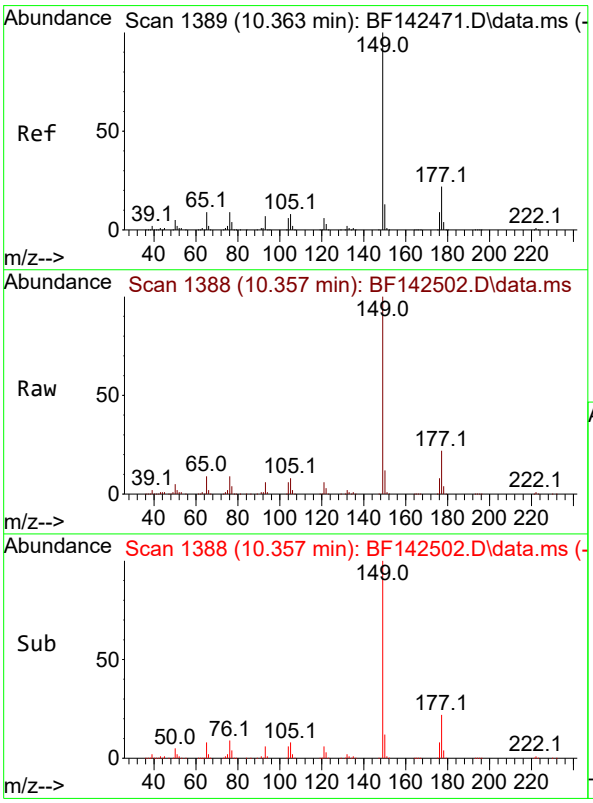
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.106 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 128136

Ion	Ratio	Lower	Upper
232	100		
131	44.1	35.2	52.8
130	2.2	1.7	2.5
166	29.9	23.4	35.0

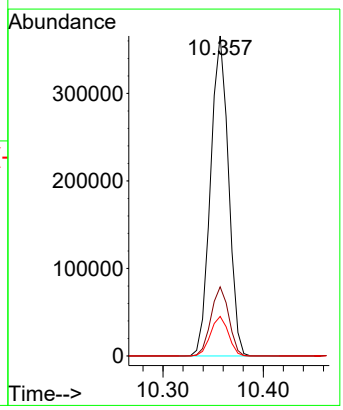


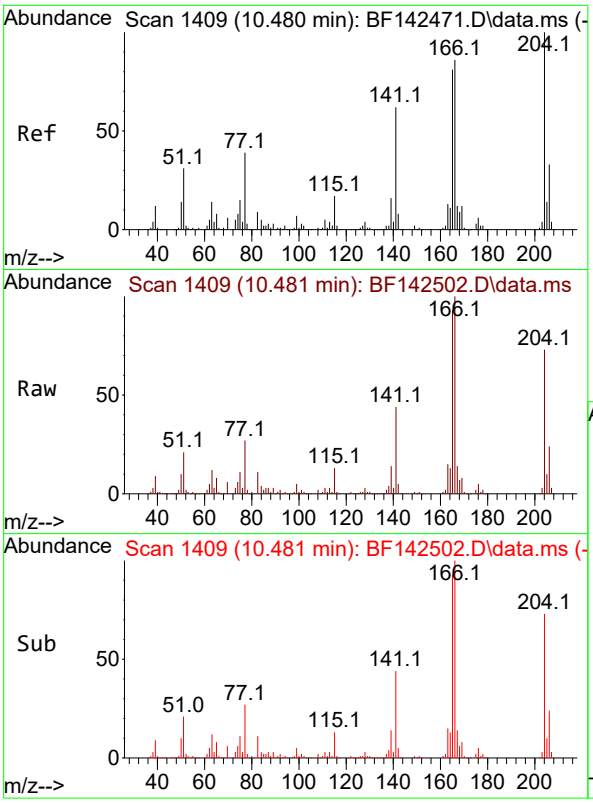


#60
Diethylphthalate
Concen: 35.612 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:149 Resp: 452810

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.4	10.1	15.1



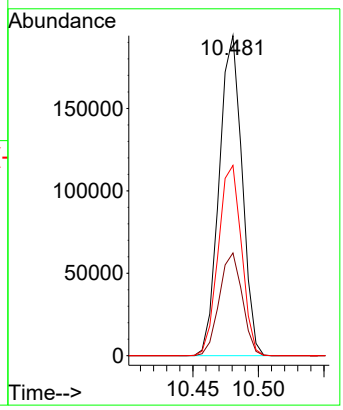


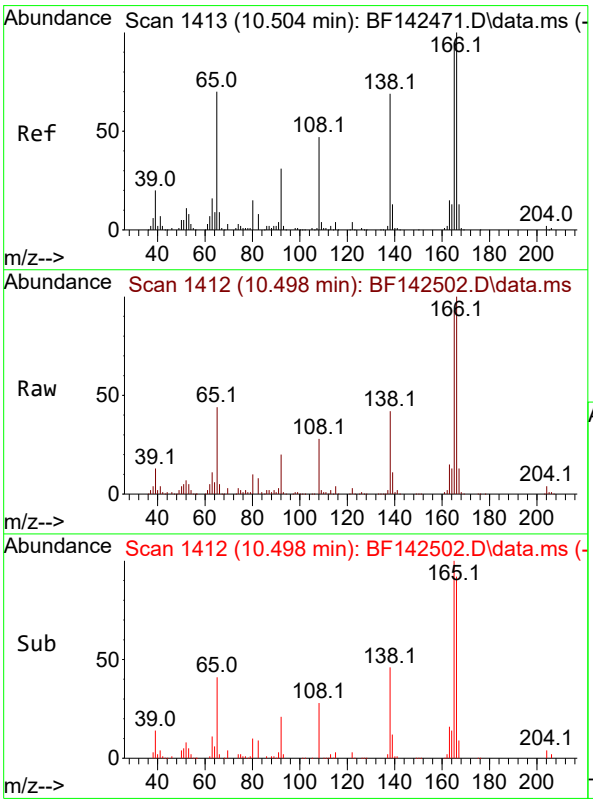
#61
4-Chlorophenyl-phenylether
Concen: 36.933 ng
RT: 10.481 min Scan# 14
Delta R.T. -0.005 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 235211

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.3	39.5
141	59.4	49.5	74.3

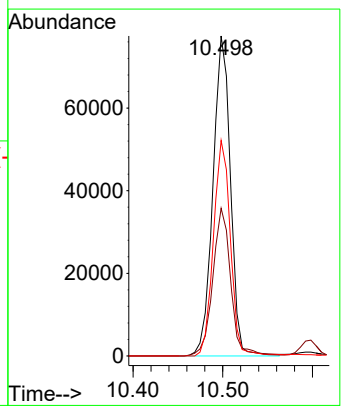


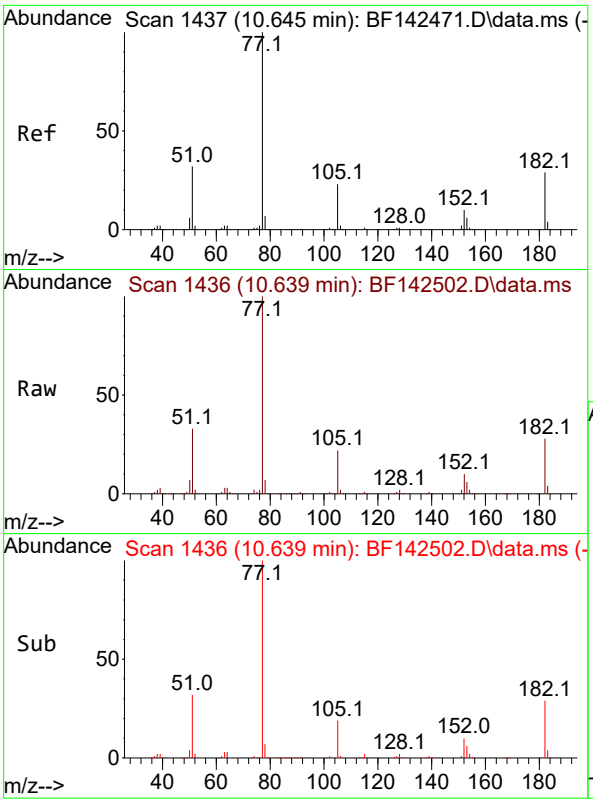


#62
4-Nitroaniline
Concen: 37.776 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:138 Resp: 105151

Ion	Ratio	Lower	Upper
138	100		
92	46.2	26.0	66.0
108	67.4	48.4	88.4



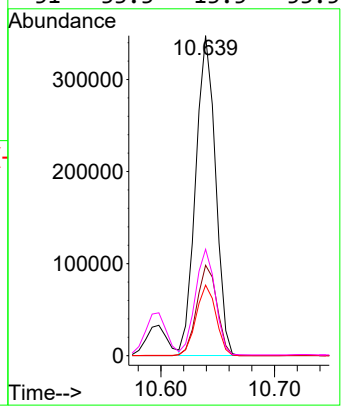


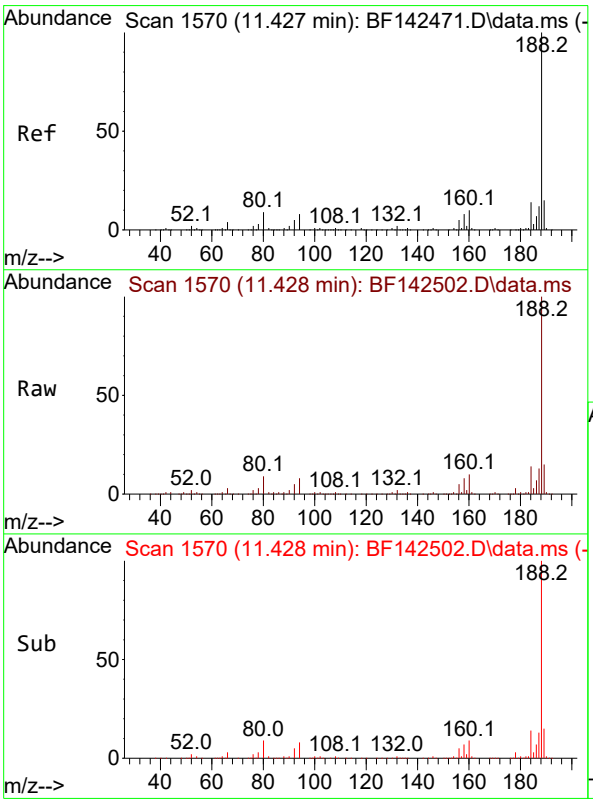
#63
Azobenzene
Concen: 36.891 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 421311

Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.0	49.0
105	22.0	2.4	42.4
51	33.3	13.5	53.5

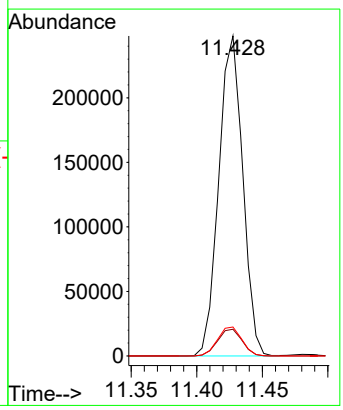


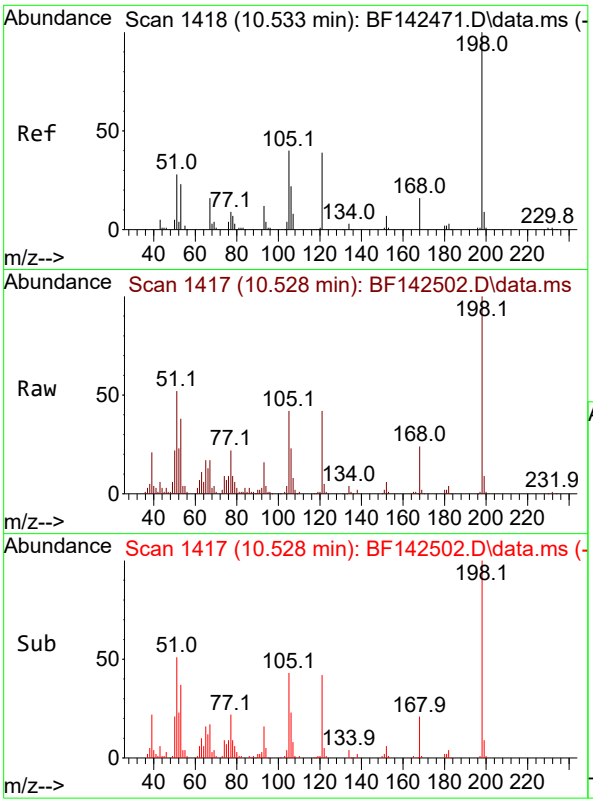


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:188 Resp: 315055

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	9.1	7.4	11.0



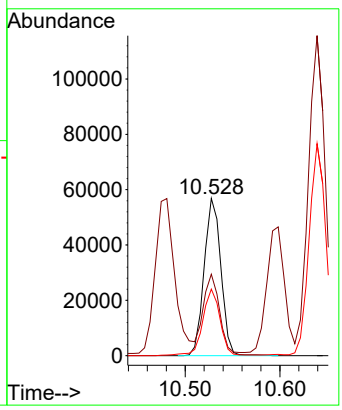


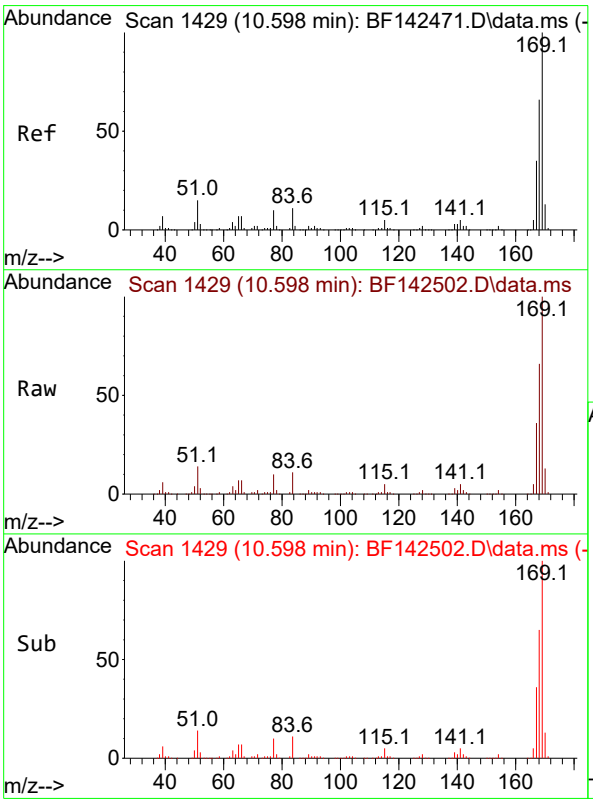
#65
4,6-Dinitro-2-methylphenol
Concen: 39.872 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 70104

Ion	Ratio	Lower	Upper
198	100		
51	51.8	28.3	68.3
105	42.4	21.3	61.3

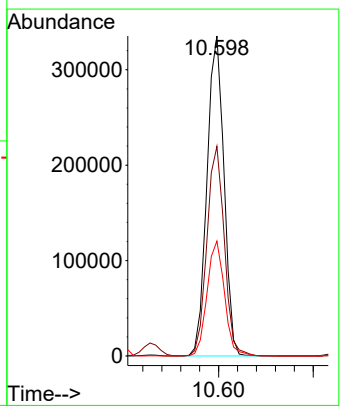


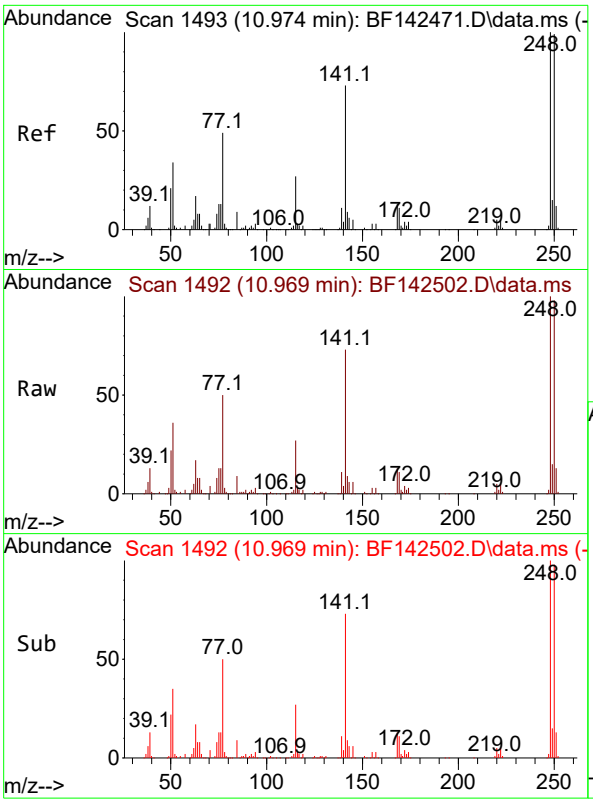


#66
n-Nitrosodiphenylamine
Concen: 38.637 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:169 Resp: 416459

Ion	Ratio	Lower	Upper
169	100		
168	65.5	52.7	79.1
167	35.9	28.3	42.5



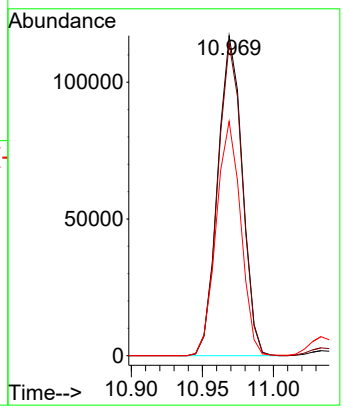


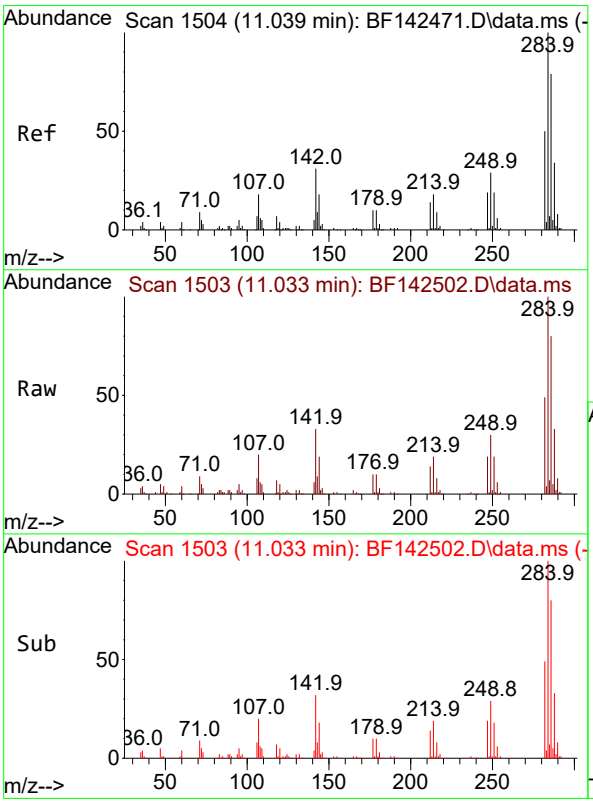
#67
4-Bromophenyl-phenylether
Concen: 37.808 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 140846

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.4
141	73.2	58.4	87.6

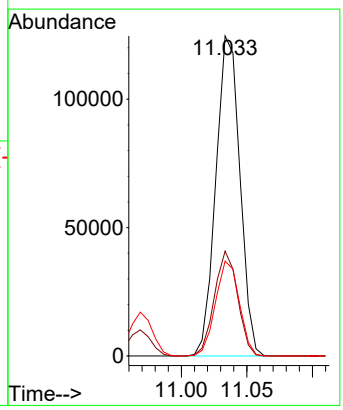


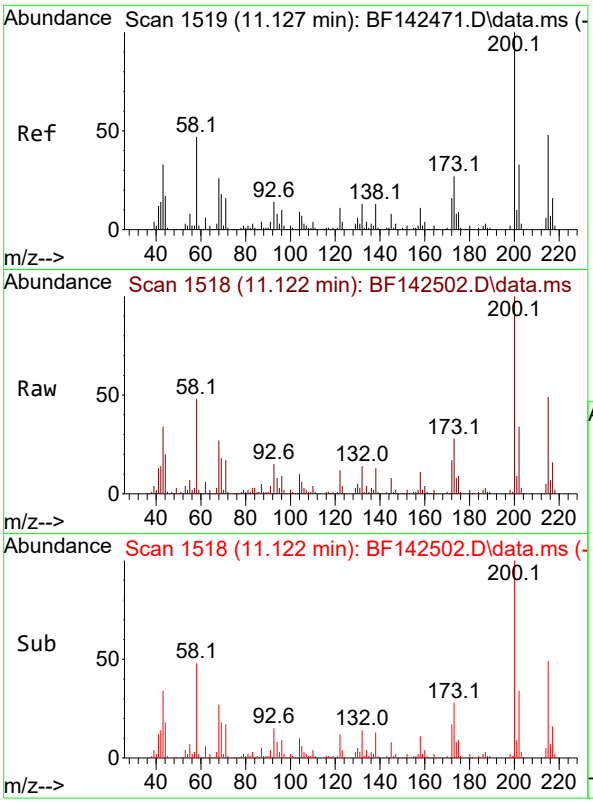


#68
Hexachlorobenzene
Concen: 38.456 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:284 Resp: 158451

Ion	Ratio	Lower	Upper
284	100		
142	32.7	24.8	37.2
249	29.7	23.6	35.4



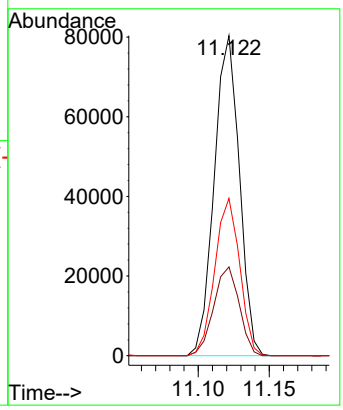


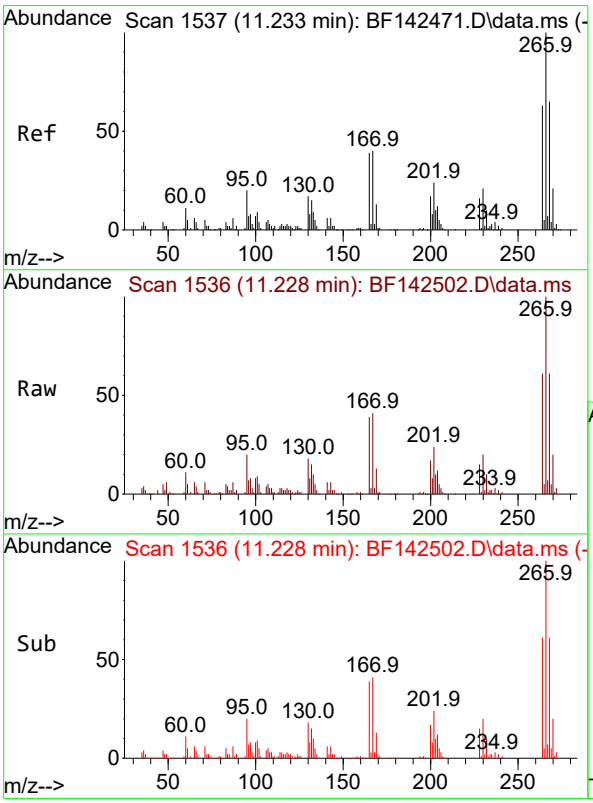
#69
Atrazine
Concen: 34.563 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 98938

Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.4	47.4
215	49.1	28.5	68.5

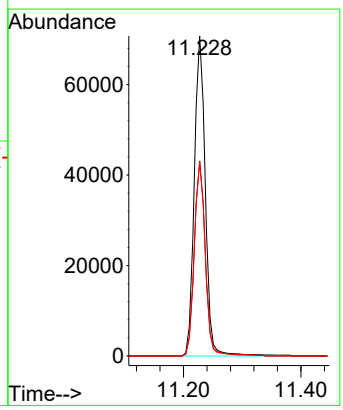


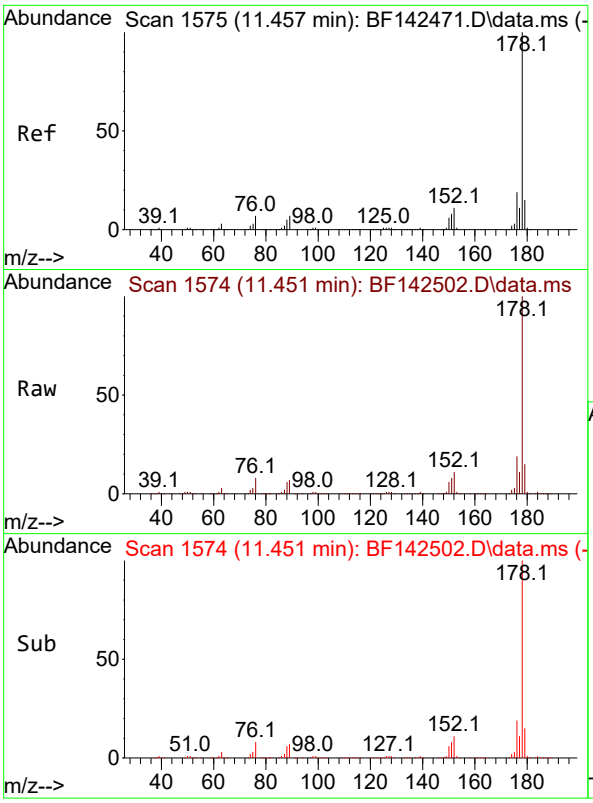


#70
Pentachlorophenol
Concen: 39.493 ng
RT: 11.228 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:266 Resp: 91869

Ion	Ratio	Lower	Upper
266	100		
268	60.9	51.7	77.5
264	60.6	50.4	75.6



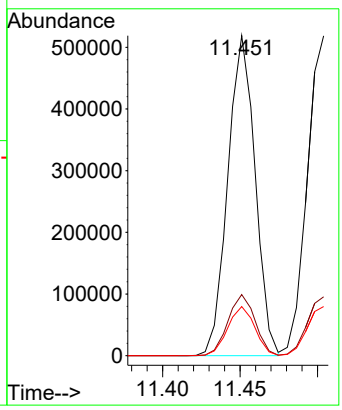


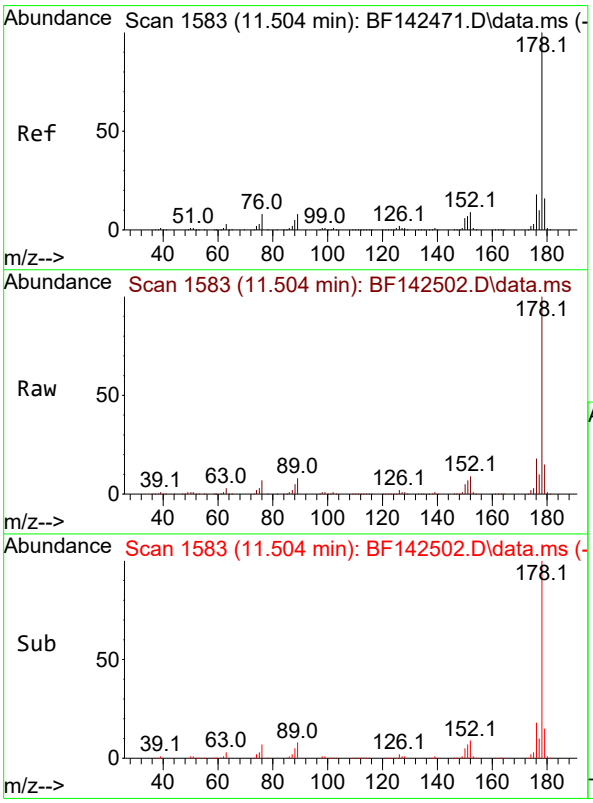
#71
Phenanthrene
Concen: 37.751 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 635627

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.3	12.3	18.5

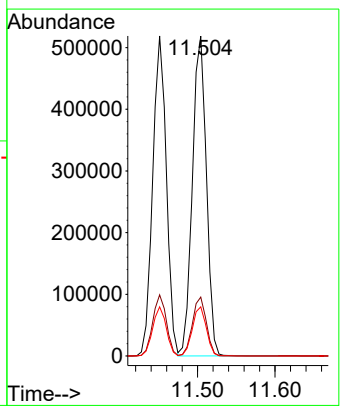


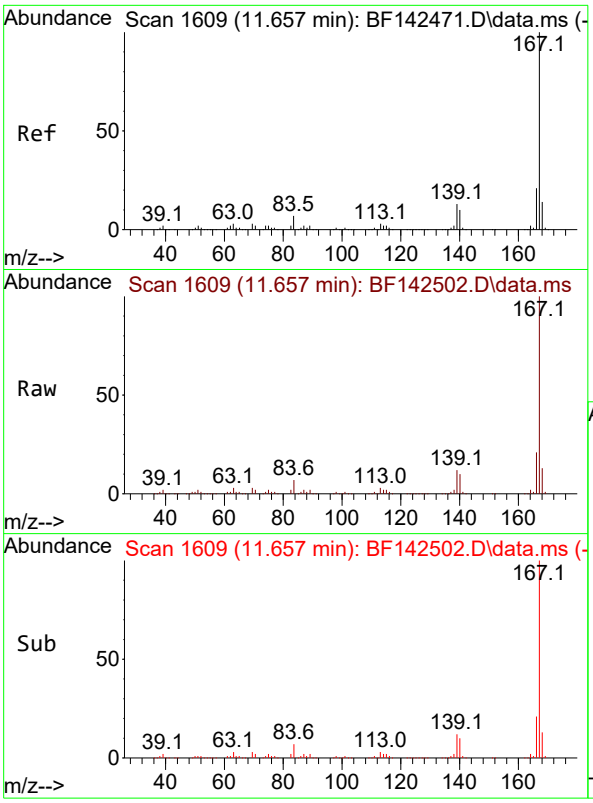


#72
Anthracene
Concen: 37.800 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:178 Resp: 649550

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.4	12.4	18.6



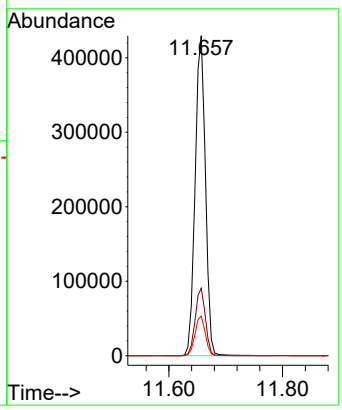


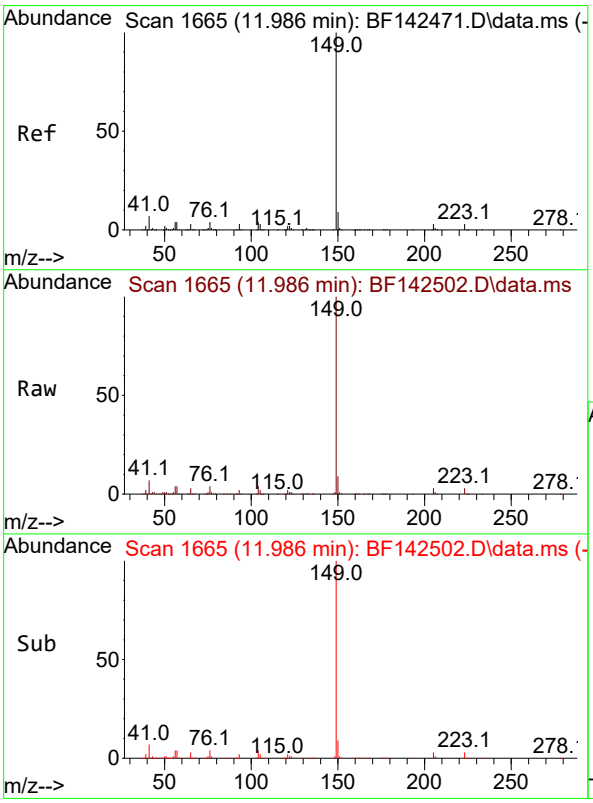
#73
Carbazole
Concen: 37.019 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 543821

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.9	25.3
139	12.4	10.2	15.4

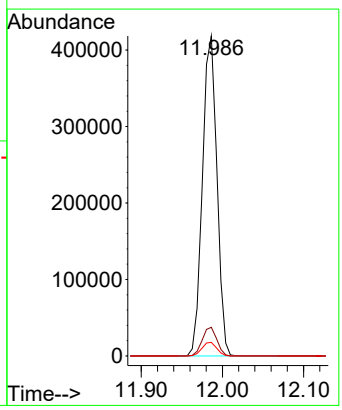


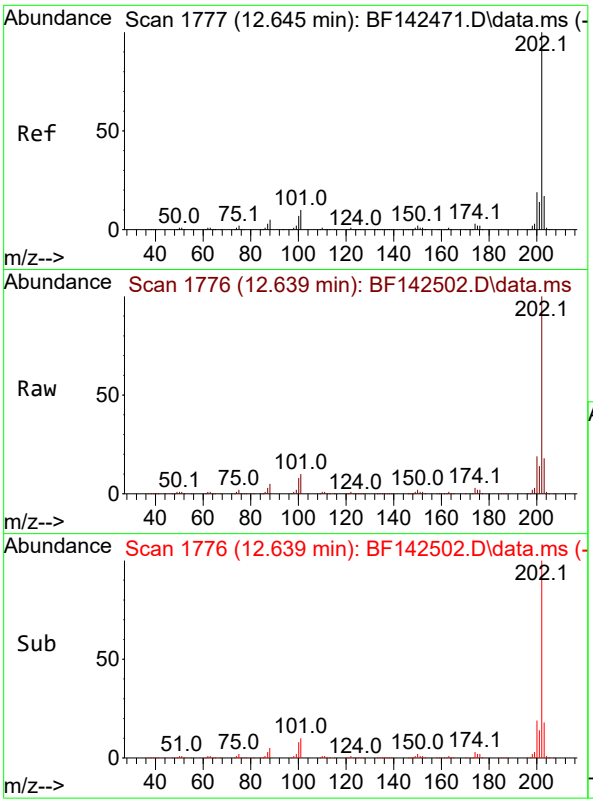


#74
Di-n-butylphthalate
Concen: 32.244 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:149 Resp: 518477

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.3	10.9
104	4.2	3.6	5.4



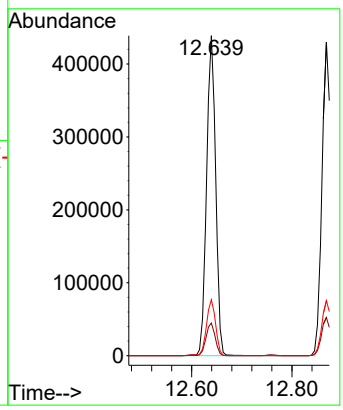


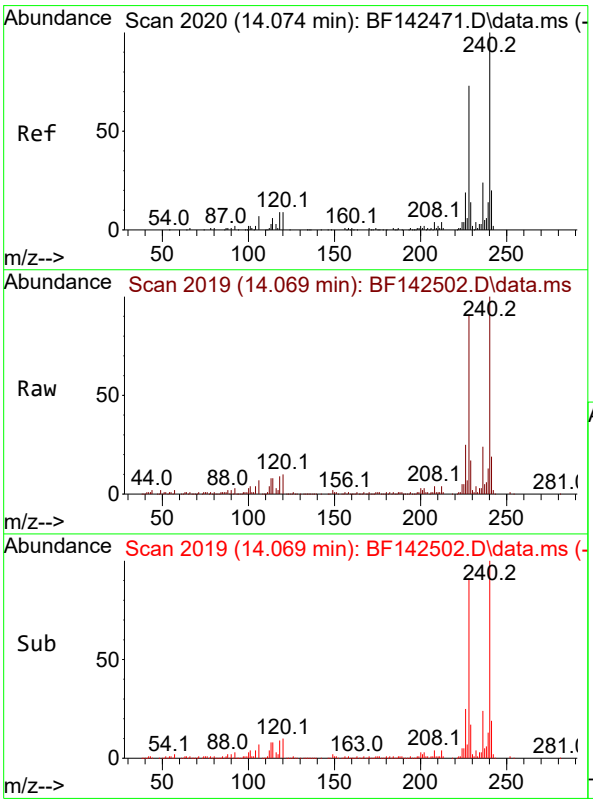
#75
Fluoranthene
Concen: 35.154 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 553057

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.5	0.0	37.2

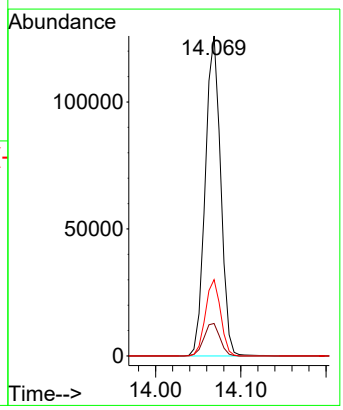


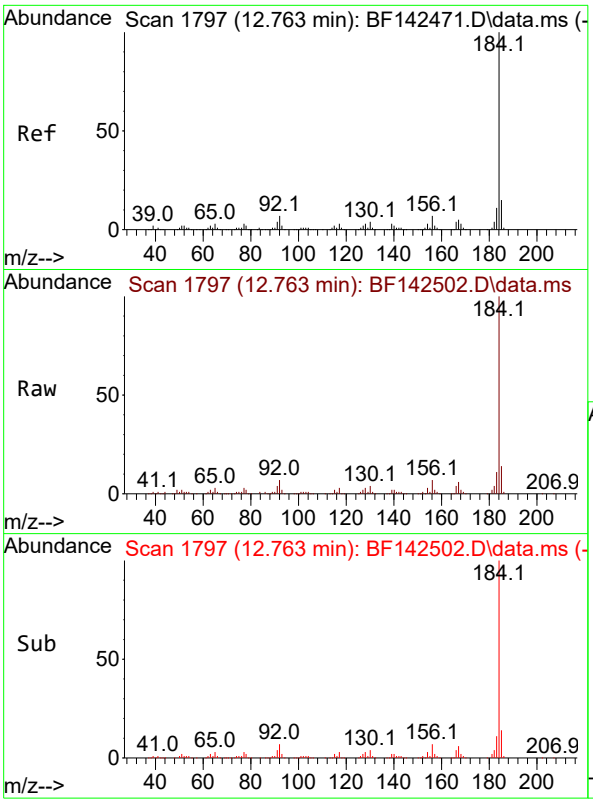


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:240 Resp: 157895

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	23.9	19.6	29.4



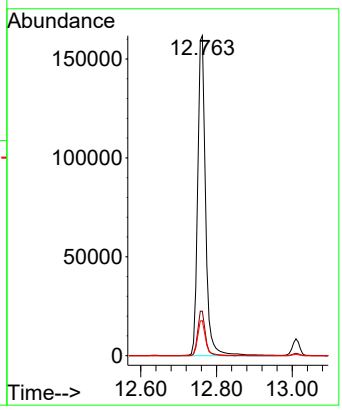


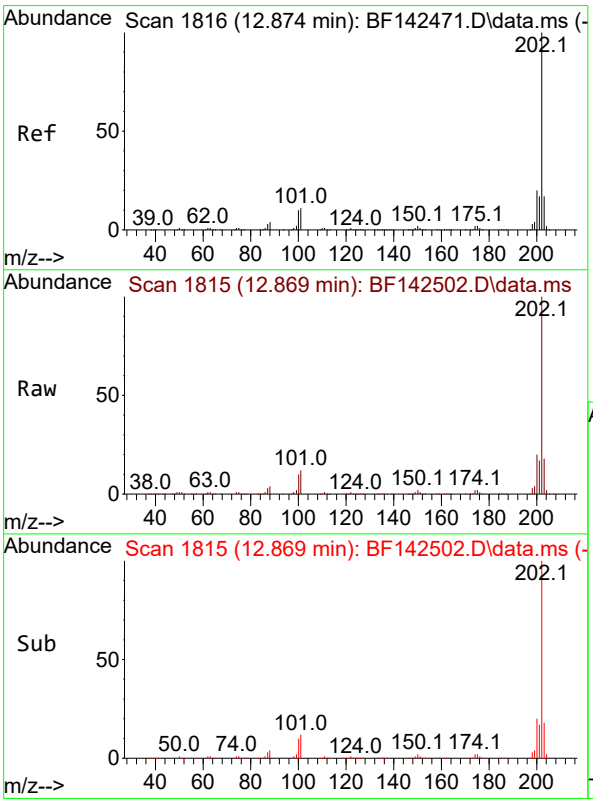
#77
Benzidine
Concen: 40.217 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 236304

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.6	17.4
183	11.0	9.0	13.4

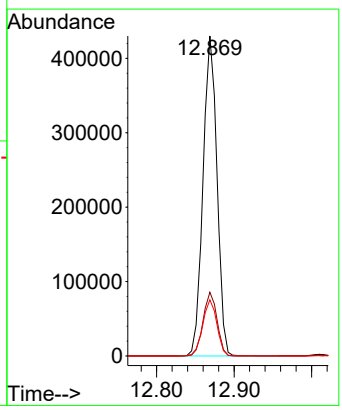


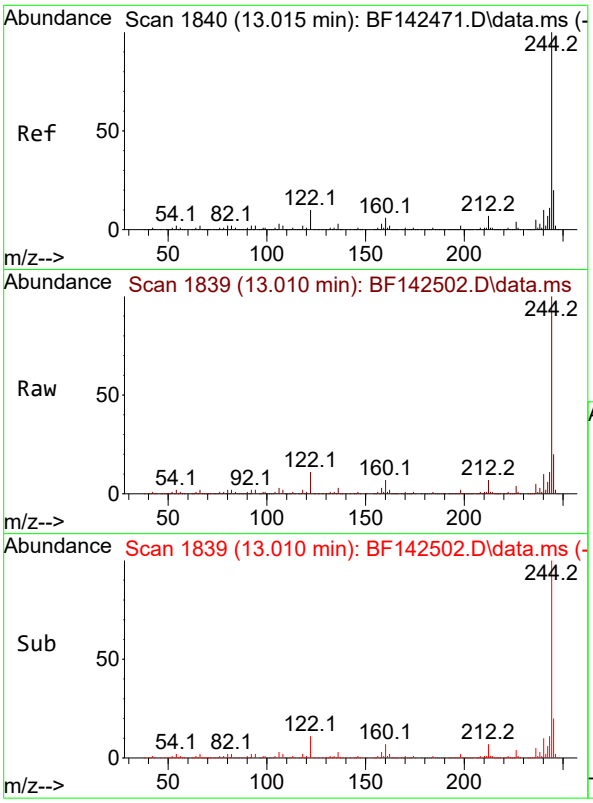


#78
Pyrene
Concen: 36.548 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:202 Resp: 538324

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.6	13.9	20.9



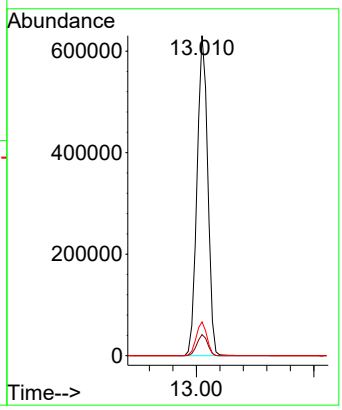


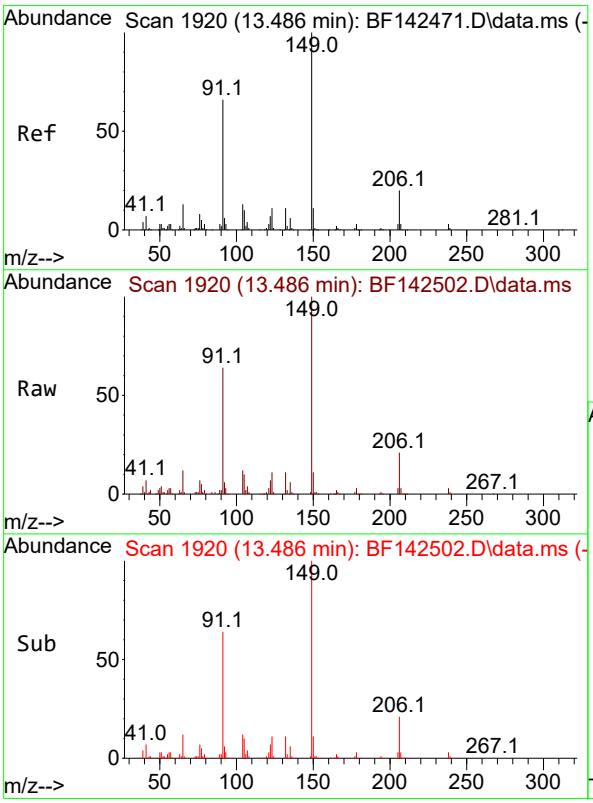
#79
Terphenyl-d14
Concen: 68.835 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 795345

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.6	8.2	12.2

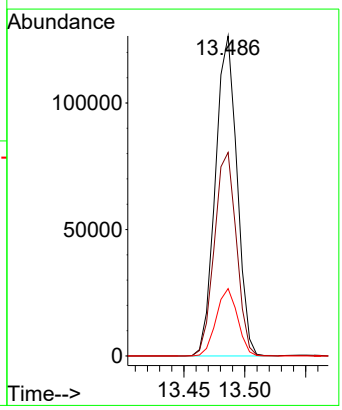


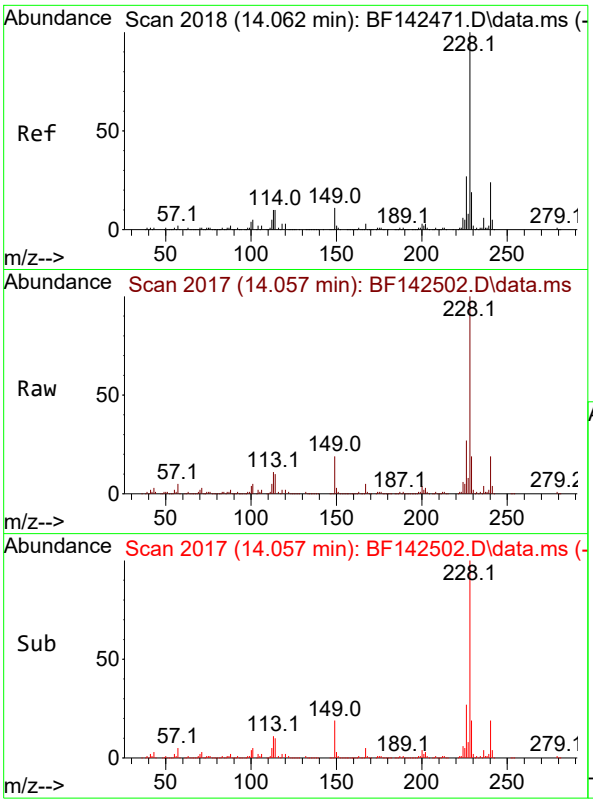


#80
Butylbenzylphthalate
Concen: 38.513 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:149 Resp: 156746

Ion	Ratio	Lower	Upper
149	100		
91	63.6	52.9	79.3
206	21.0	16.2	24.2



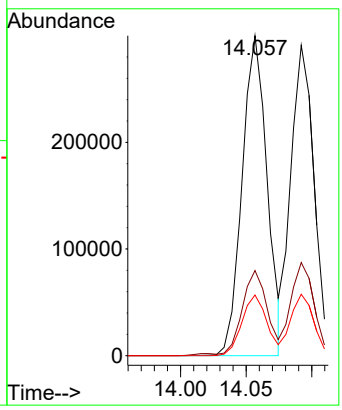


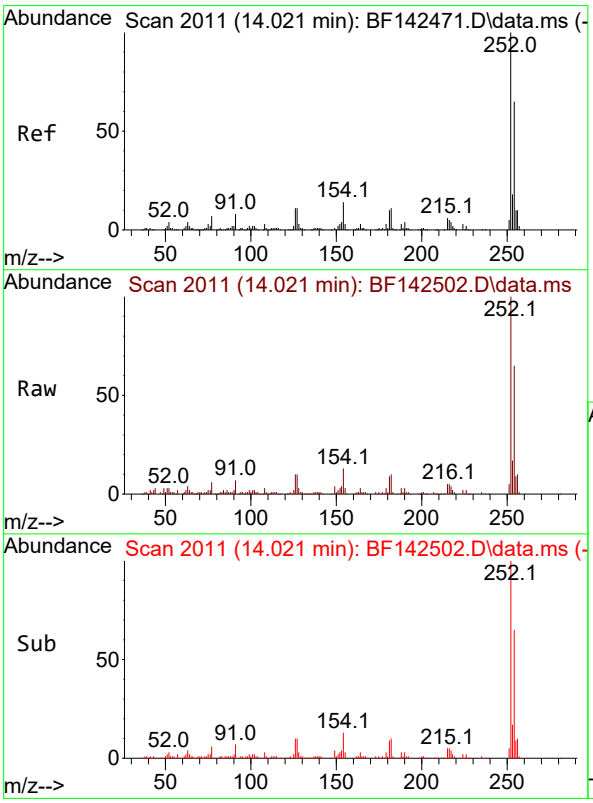
#81
Benzo(a)anthracene
Concen: 37.692 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 397403

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.2	31.8
229	18.9	15.5	23.3

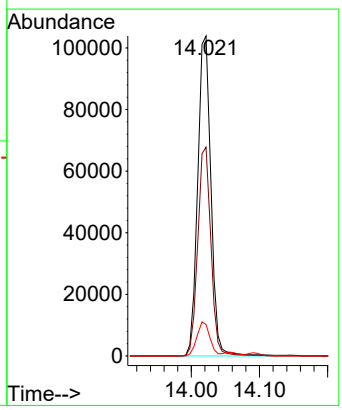


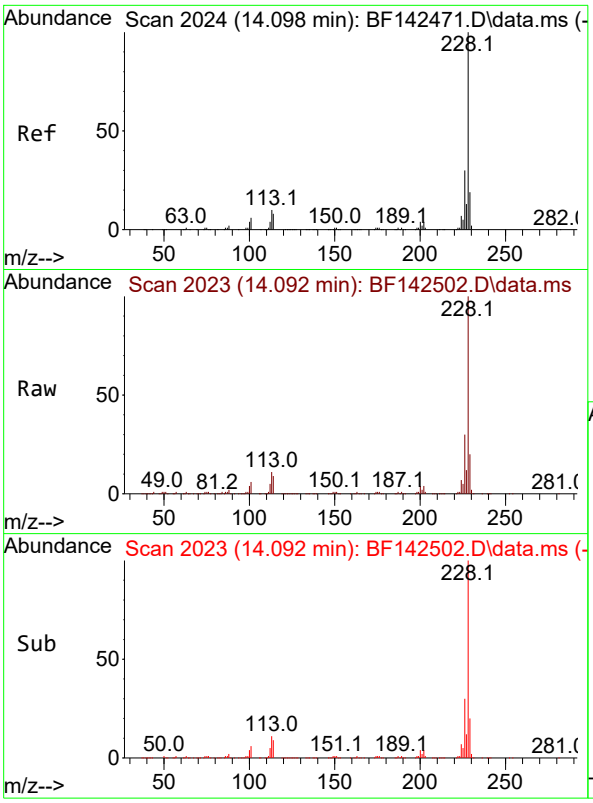


#82
3,3'-Dichlorobenzidine
Concen: 43.748 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:252 Resp: 139902

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.0	78.0
126	9.8	8.9	13.3



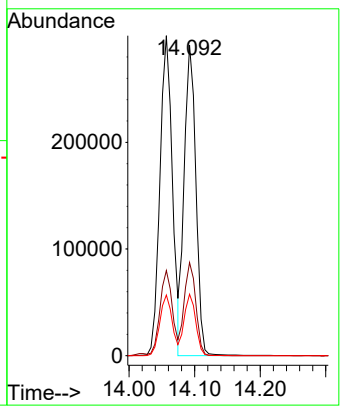


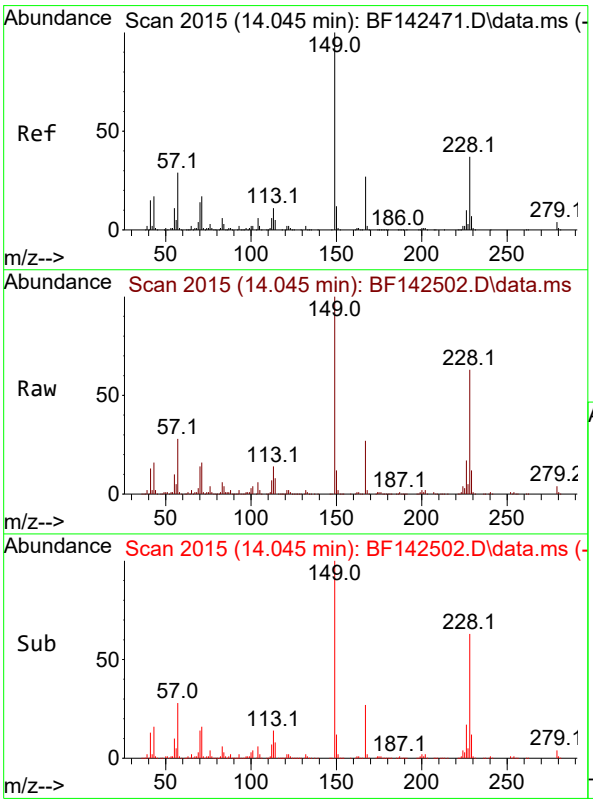
#83
Chrysene
Concen: 37.865 ng
RT: 14.092 min Scan# 2(
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 358734

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.8	15.4	23.2

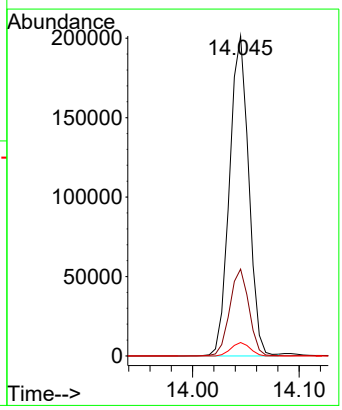


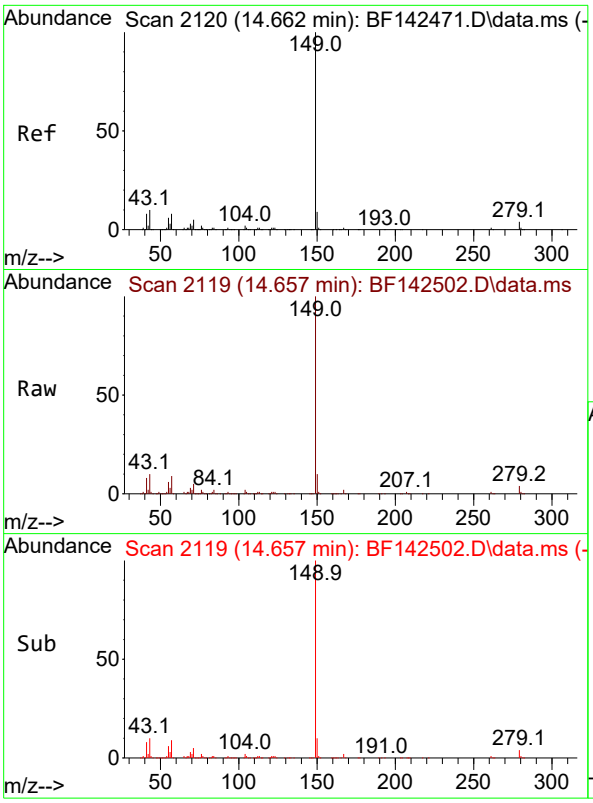


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.560 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:149 Resp: 253005

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.5	32.3
279	4.2	3.2	4.8



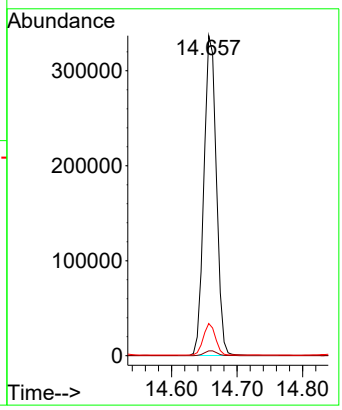


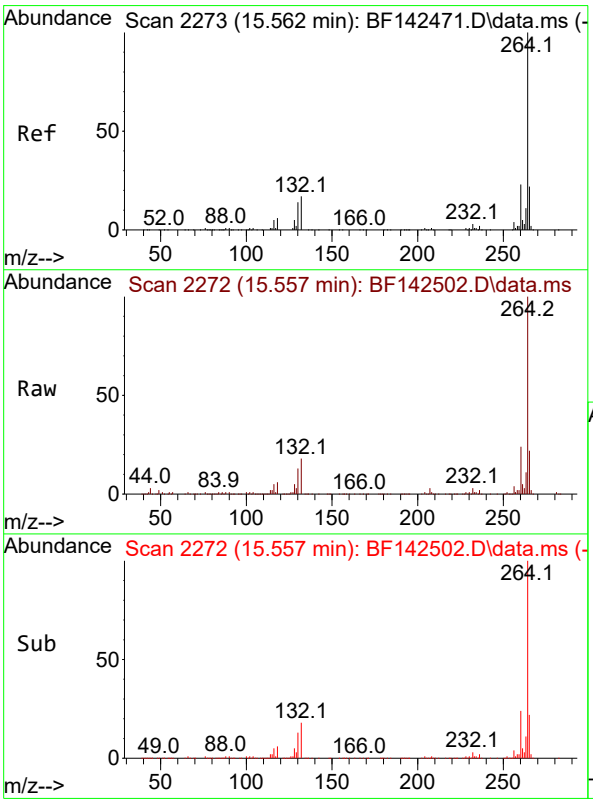
#85
Di-n-octyl phthalate
Concen: 43.705 ng
RT: 14.657 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 445243

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	7.9	11.9

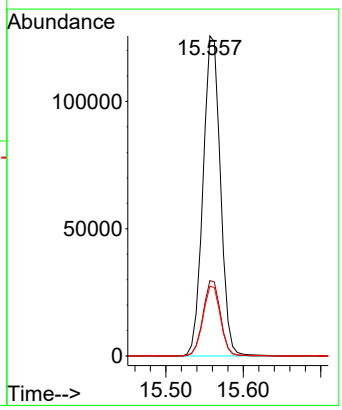


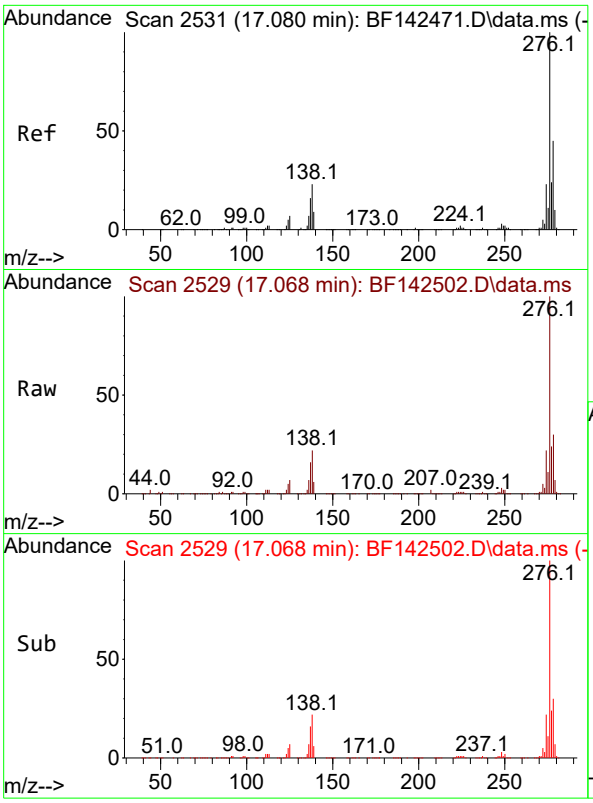


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:264 Resp: 195527

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.8	17.7	26.5



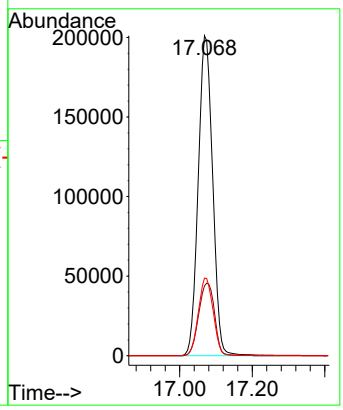


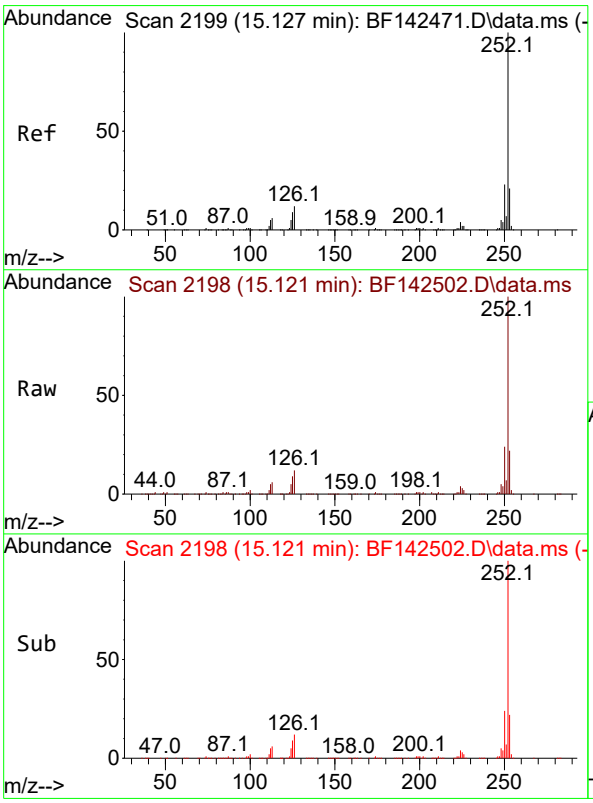
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.736 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 553919

Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.9	29.9
277	25.0	20.2	30.2

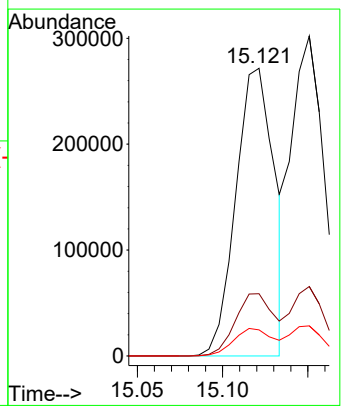


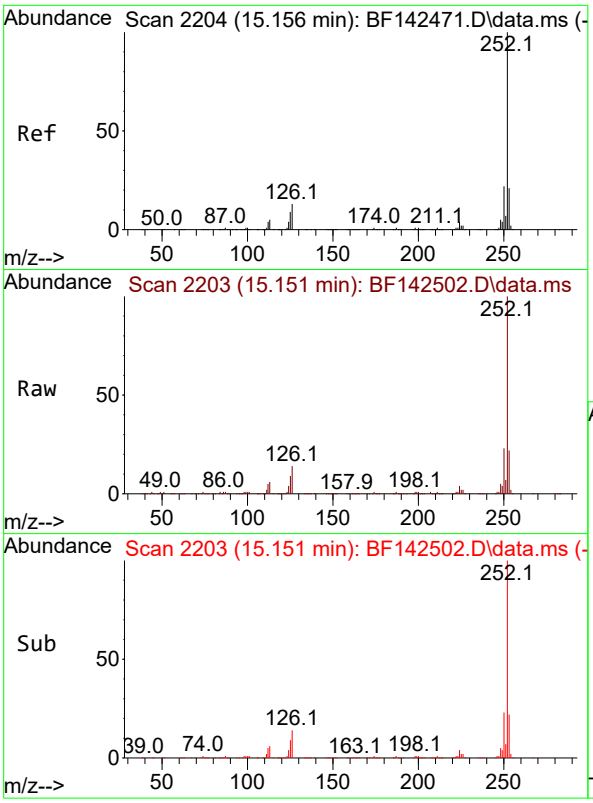


#88
Benzo(b)fluoranthene
Concen: 36.747 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:252 Resp: 425246

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.4
125	9.1	7.4	11.0



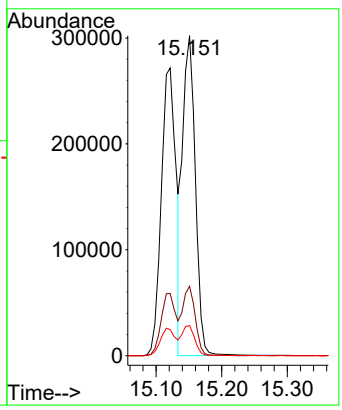


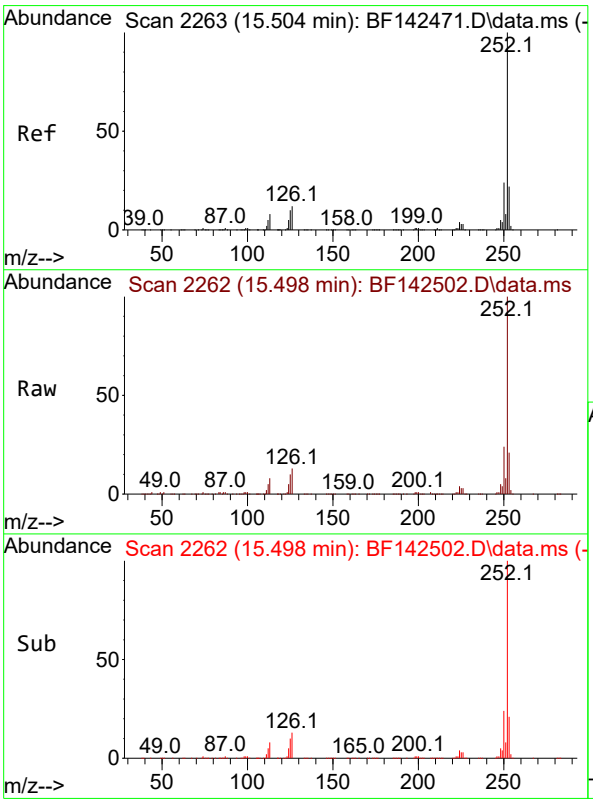
#89
Benzo(k)fluoranthene
Concen: 37.669 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 408277

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.4	7.3	10.9

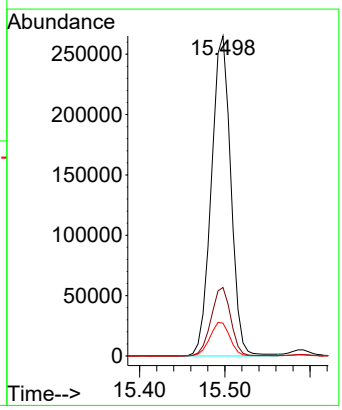


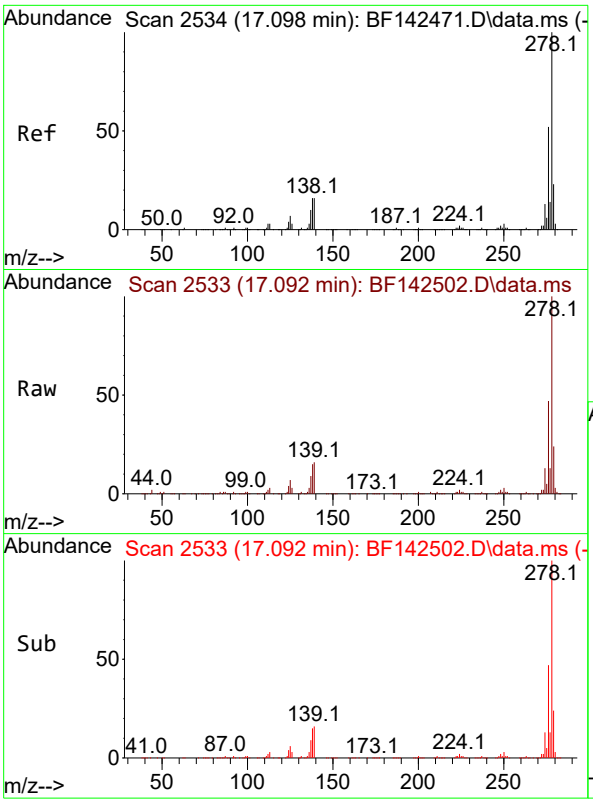


#90
Benzo(a)pyrene
Concen: 38.641 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:252 Resp: 421492

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.2	7.9	11.9



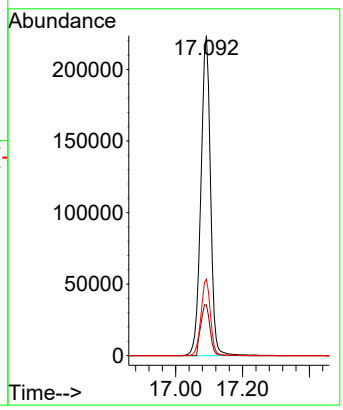


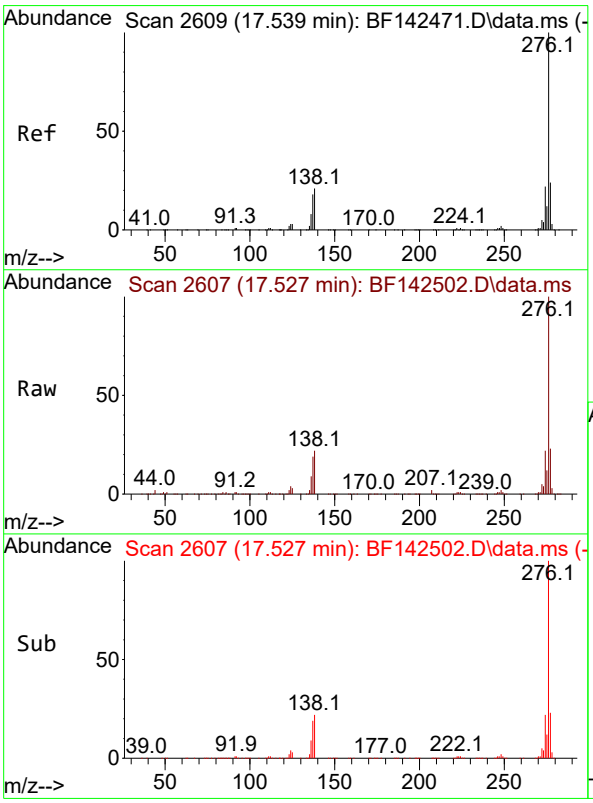
#91
Dibenzo(a,h)anthracene
Concen: 37.559 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 447155

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.9	18.6	28.0

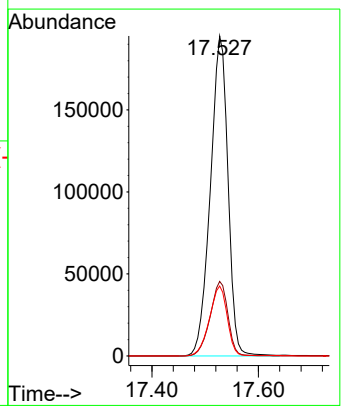




#92
Benzo(g,h,i)perylene
Concen: 37.584 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142502.D
Acq: 22 May 2025 11:11

Tgt Ion:276 Resp: 447541

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	21.9	16.8	25.2



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
2		1,4-Dioxane	0.475	0.470	1.1	102	0.00
3		Pyridine	1.210	1.196	1.2	101	0.00
4		n-Nitrosodimethylamine	0.628	0.629	-0.2	101	-0.02
5	S	2-Fluorophenol	1.187	1.158	2.4	102	0.00
6		Aniline	1.921	1.876	2.3	101	0.00
7	S	Phenol-d6	1.429	1.379	3.5	100	-0.01
8		2-Chlorophenol	1.293	1.264	2.2	100	0.00
9		Benzaldehyde	0.859	0.845	1.6	102	0.00
10	C	Phenol	1.608	1.566	2.6	101	-0.02
11		bis(2-Chloroethyl)ether	1.157	1.111	4.0	99	0.00
12		1,3-Dichlorobenzene	1.443	1.393	3.5	99	0.00
13	C	1,4-Dichlorobenzene	1.453	1.395	4.0	98	0.00
14		1,2-Dichlorobenzene	1.391	1.332	4.2	99	0.00
15		Benzyl Alcohol	1.056	1.024	3.0	99	-0.01
16		2,2'-oxybis(1-Chloropropane	1.944	1.852	4.7	98	0.00
17		2-Methylphenol	1.010	0.982	2.8	100	0.00
18		Hexachloroethane	0.507	0.483	4.7	98	0.00
19	P	n-Nitroso-di-n-propylamine	0.886	0.821	7.3	96	-0.02
20		3+4-Methylphenols	1.293	1.242	3.9	99	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.443	0.423	4.5	97	0.00
23	S	Nitrobenzene-d5	0.367	0.356	3.0	99	-0.01
24		Nitrobenzene	0.331	0.321	3.0	98	-0.01
25		Isophorone	0.613	0.568	7.3	95	-0.01
26	C	2-Nitrophenol	0.177	0.173	2.3	97	0.00
27		2,4-Dimethylphenol	0.312	0.302	3.2	99	-0.01
28		bis(2-Chloroethoxy)methane	0.383	0.360	6.0	98	-0.01
29	C	2,4-Dichlorophenol	0.283	0.276	2.5	99	0.00
30		1,2,4-Trichlorobenzene	0.308	0.295	4.2	99	0.00
31		Naphthalene	0.985	0.939	4.7	98	0.00
32		Benzoic acid	0.190	0.189	0.5	99	-0.04
33		4-Chloroaniline	0.399	0.383	4.0	97	0.00
34	C	Hexachlorobutadiene	0.192	0.181	5.7	95	0.00
35		Caprolactam	0.080	0.075	6.3	94	-0.03
36	C	4-Chloro-3-methylphenol	0.291	0.277	4.8	97	-0.01
37		2-Methylnaphthalene	0.620	0.578	6.8	97	0.00
38		1-Methylnaphthalene	0.641	0.601	6.2	96	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	0.574	0.562	2.1	97	0.00
41	P	Hexachlorocyclopentadiene	0.387	0.382	1.3	93	0.00
42	S	2,4,6-Tribromophenol	0.222	0.208	6.3	94	-0.01
43	C	2,4,6-Trichlorophenol	0.387	0.383	1.0	99	0.00
44		2,4,5-Trichlorophenol	0.408	0.386	5.4	93	0.00
45	S	2-Fluorobiphenyl	1.490	1.389	6.8	96	-0.01
46		1,1'-Biphenyl	1.552	1.481	4.6	96	-0.01
47		2-Chloronaphthalene	1.146	1.107	3.4	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.331	0.322	2.7	95	-0.01
49		Acenaphthylene	1.936	1.864	3.7	96	0.00
50		Dimethylphthalate	1.320	1.214	8.0	92	-0.01
51		2,6-Dinitrotoluene	0.285	0.267	6.3	91	0.00
52	C	Acenaphthene	1.182	1.118	5.4	95	0.00
53		3-Nitroaniline	0.311	0.303	2.6	97	-0.01
54	P	2,4-Dinitrophenol	0.147	0.138	6.1	88	-0.01
55		Dibenzofuran	1.701	1.610	5.3	96	0.00
56	P	4-Nitrophenol	0.230	0.220	4.3	93	-0.01
57		2,4-Dinitrotoluene	0.372	0.356	4.3	94	-0.01
58		Fluorene	1.314	1.233	6.2	96	-0.01
59		2,3,4,6-Tetrachlorophenol	0.341	0.325	4.7	93	0.00
60		Diethylphthalate	1.289	1.147	11.0	89	-0.01
61		4-Chlorophenyl-phenylether	0.646	0.596	7.7	94	0.00
62		4-Nitroaniline	0.282	0.266	5.7	92	-0.02
63		Azobenzene	1.158	1.068	7.8	92	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	92	0.00
65		4,6-Dinitro-2-methylphenol	0.112	0.111	0.9	89	-0.01
66	c	n-Nitrosodiphenylamine	0.684	0.661	3.4	94	0.00
67		4-Bromophenyl-phenylether	0.236	0.224	5.1	92	0.00
68		Hexachlorobenzene	0.262	0.251	4.2	92	-0.01
69		Atrazine	0.182	0.157	13.7	81	0.00
70	C	Pentachlorophenol	0.148	0.146	1.4	91	0.00
71		Phenanthrene	1.069	1.009	5.6	92	0.00
72		Anthracene	1.091	1.031	5.5	91	0.00
73		Carbazole	0.933	0.863	7.5	89	0.00
74		Di-n-butylphthalate	1.021	0.823	19.4	77	0.00
75	C	Fluoranthene	0.999	0.878	12.1	86	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	93	0.00
77		Benzidine	0.744	0.748	-0.5	88	0.00
78		Pyrene	1.866	1.705	8.6	86	0.00
79	S	Terphenyl-d14	1.464	1.259	14.0	83	0.00
80		Butylbenzylphthalate	0.516	0.496	3.9	88	0.00
81		Benzo(a)anthracene	1.336	1.258	5.8	92	0.00
82		3,3'-Dichlorobenzidine	0.405	0.443	-9.4	102	0.00
83		Chrysene	1.200	1.136	5.3	93	-0.01
84		Bis(2-ethylhexyl)phthalate	0.660	0.801	-21.4	111	0.00
85	c	Di-n-octyl phthalate	1.290	1.410	-9.3	104	-0.01
86	I	Perylene-d12	1.000	1.000	0.0	103	-0.01
87		Indeno(1,2,3-cd)pyrene	1.501	1.416	5.7	101	-0.02
88		Benzo(b)fluoranthene	1.184	1.087	8.2	100	0.00
89		Benzo(k)fluoranthene	1.109	1.044	5.9	103	-0.01
90	C	Benzo(a)pyrene	1.116	1.078	3.4	103	-0.01
91		Dibenzo(a,h)anthracene	1.218	1.143	6.2	100	-0.02
92		Benzo(g,h,i)perylene	1.218	1.144	6.1	100	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	99	0.00
2		1,4-Dioxane	40.000	39.535	1.2	102	0.00
3		Pyridine	40.000	39.534	1.2	101	0.00
4		n-Nitrosodimethylamine	40.000	40.084	-0.2	101	-0.02
5	S	2-Fluorophenol	80.000	78.010	2.5	102	0.00
6		Aniline	40.000	39.064	2.3	101	0.00
7	S	Phenol-d6	80.000	77.184	3.5	100	-0.01
8		2-Chlorophenol	40.000	39.108	2.2	100	0.00
9		Benzaldehyde	40.000	39.334	1.7	102	0.00
10	C	Phenol	40.000	38.958	2.6	101	-0.02
11		bis(2-Chloroethyl)ether	40.000	38.397	4.0	99	0.00
12		1,3-Dichlorobenzene	40.000	38.613	3.5	99	0.00
13	C	1,4-Dichlorobenzene	40.000	38.388	4.0	98	0.00
14		1,2-Dichlorobenzene	40.000	38.302	4.2	99	0.00
15		Benzyl Alcohol	40.000	38.771	3.1	99	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	38.111	4.7	98	0.00
17		2-Methylphenol	40.000	38.917	2.7	100	0.00
18		Hexachloroethane	40.000	38.072	4.8	98	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	37.081	7.3	96	-0.02
20		3+4-Methylphenols	40.000	38.429	3.9	99	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	38.192	4.5	97	0.00
23	S	Nitrobenzene-d5	80.000	77.570	3.0	99	-0.01
24		Nitrobenzene	40.000	38.825	2.9	98	-0.01
25		Isophorone	40.000	37.062	7.3	95	-0.01
26	C	2-Nitrophenol	40.000	39.135	2.2	97	0.00
27		2,4-Dimethylphenol	40.000	38.788	3.0	99	-0.01
28		bis(2-Chloroethoxy)methane	40.000	37.553	6.1	98	-0.01
29	C	2,4-Dichlorophenol	40.000	38.961	2.6	99	0.00
30		1,2,4-Trichlorobenzene	40.000	38.377	4.1	99	0.00
31		Naphthalene	40.000	38.121	4.7	98	0.00
32		Benzoic acid	40.000	39.792	0.5	99	-0.04
33		4-Chloroaniline	40.000	38.411	4.0	97	0.00
34	C	Hexachlorobutadiene	40.000	37.650	5.9	95	0.00
35		Caprolactam	40.000	37.492	6.3	94	-0.03
36	C	4-Chloro-3-methylphenol	40.000	38.135	4.7	97	-0.01
37		2-Methylnaphthalene	40.000	37.285	6.8	97	0.00
38		1-Methylnaphthalene	40.000	37.517	6.2	96	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	96	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.153	2.1	97	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.409	1.5	93	0.00
42	S	2,4,6-Tribromophenol	80.000	74.998	6.3	94	-0.01
43	C	2,4,6-Trichlorophenol	40.000	39.540	1.2	99	0.00
44		2,4,5-Trichlorophenol	40.000	37.777	5.6	93	0.00
45	S	2-Fluorobiphenyl	80.000	74.571	6.8	96	-0.01
46		1,1'-Biphenyl	40.000	38.167	4.6	96	-0.01
47		2-Chloronaphthalene	40.000	38.623	3.4	97	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	38.921	2.7	95	-0.01
49		Acenaphthylene	40.000	38.516	3.7	96	0.00
50		Dimethylphthalate	40.000	36.782	8.0	92	-0.01
51		2,6-Dinitrotoluene	40.000	37.548	6.1	91	0.00
52	C	Acenaphthene	40.000	37.846	5.4	95	0.00
53		3-Nitroaniline	40.000	38.933	2.7	97	-0.01
54	P	2,4-Dinitrophenol	40.000	37.458	6.4	88	-0.01
55		Dibenzofuran	40.000	37.851	5.4	96	0.00
56	P	4-Nitrophenol	40.000	38.423	3.9	93	-0.01
57		2,4-Dinitrotoluene	40.000	38.274	4.3	94	-0.01
58		Fluorene	40.000	37.519	6.2	96	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	38.106	4.7	93	0.00
60		Diethylphthalate	40.000	35.612	11.0	89	-0.01
61		4-Chlorophenyl-phenylether	40.000	36.933	7.7	94	0.00
62		4-Nitroaniline	40.000	37.776	5.6	92	-0.02
63		Azobenzene	40.000	36.891	7.8	92	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	92	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.872	0.3	89	-0.01
66	c	n-Nitrosodiphenylamine	40.000	38.637	3.4	94	0.00
67		4-Bromophenyl-phenylether	40.000	37.808	5.5	92	0.00
68		Hexachlorobenzene	40.000	38.456	3.9	92	-0.01
69		Atrazine	40.000	34.563	13.6	81	0.00
70	C	Pentachlorophenol	40.000	39.493	1.3	91	0.00
71		Phenanthrene	40.000	37.751	5.6	92	0.00
72		Anthracene	40.000	37.800	5.5	91	0.00
73		Carbazole	40.000	37.019	7.5	89	0.00
74		Di-n-butylphthalate	40.000	32.244	19.4	77	0.00
75	C	Fluoranthene	40.000	35.154	12.1	86	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	93	0.00
77		Benzidine	40.000	40.217	-0.5	88	0.00
78		Pyrene	40.000	36.548	8.6	86	0.00
79	S	Terphenyl-d14	80.000	68.835	14.0	83	0.00
80		Butylbenzylphthalate	40.000	38.513	3.7	88	0.00
81		Benzo(a)anthracene	40.000	37.692	5.8	92	0.00
82		3,3'-Dichlorobenzidine	40.000	43.748	-9.4	102	0.00
83		Chrysene	40.000	37.865	5.3	93	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	48.560	-21.4	111	0.00
85	c	Di-n-octyl phthalate	40.000	43.705	-9.3	104	-0.01
86	I	Perylene-d12	20.000	20.000	0.0	103	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	37.736	5.7	101	-0.02
88		Benzo(b)fluoranthene	40.000	36.747	8.1	100	0.00
89		Benzo(k)fluoranthene	40.000	37.669	5.8	103	-0.01
90	C	Benzo(a)pyrene	40.000	38.641	3.4	103	-0.01
91		Dibenzo(a,h)anthracene	40.000	37.559	6.1	100	-0.02
92		Benzo(g,h,i)perylene	40.000	37.584	6.0	100	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142502.D
Acq On : 22 May 2025 11:11
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: May 22 12:13:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: BNA_P Calibration Date/Time: 05/21/2025 14:48

Lab File ID: BP024737.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.095		-6.3	
Phenol-d6	1.492	1.334		-10.6	
Nitrobenzene-d5	0.396	0.360		-9.1	
Naphthalene	1.036	1.000		-3.5	
2-Fluorobiphenyl	1.527	1.480		-3.1	
Acenaphthylene	1.886	1.807		-4.2	
Acenaphthene	1.084	1.033		-4.7	20.0
Fluorene	1.410	1.271		-9.9	
2,4,6-Tribromophenol	0.339	0.356		5.0	
Phenanthrene	1.112	1.063		-4.4	
Anthracene	1.119	1.090		-2.6	
Fluoranthene	1.300	1.252		-3.7	20.0
Pyrene	1.198	1.164		-2.8	
Terphenyl-d14	1.166	1.170		0.3	
Benzo(a)anthracene	1.256	1.204		-4.1	
Chrysene	1.190	1.132		-4.9	
Benzo(b)fluoranthene	1.145	1.108		-3.2	
Benzo(k)fluoranthene	1.180	1.122		-4.9	
Benzo(a)pyrene	1.099	1.059		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.437		-1.6	
Dibenzo(a,h)anthracene	1.188	1.179		-0.8	
Benzo(g,h,i)perylene	1.181	1.143		-3.2	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.646	152	128557	20.000	ng		-0.02
21) Naphthalene-d8	10.416	136	504282	20.000	ng		-0.02
39) Acenaphthene-d10	14.287	164	338214	20.000	ng		-0.02
64) Phenanthrene-d10	17.081	188	643332	20.000	ng		-0.02
76) Chrysene-d12	21.510	240	728456	20.000	ng		-0.01
86) Perylene-d12	24.786	264	831576	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	563089	74.915	ng		0.00
7) Phenol-d6	6.852	99	685904	71.501	ng		0.00
23) Nitrobenzene-d5	8.799	82	725976	72.739	ng		-0.01
42) 2,4,6-Tribromophenol	15.804	330	482266	84.111	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2002009	77.551	ng		0.00
79) Terphenyl-d14	19.804	244	3408868	80.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	123669	35.039	ng		99
3) Pyridine	3.617	79	262480	33.539	ng		95
4) n-Nitrosodimethylamine	3.528	42	123664	35.793	ng		90
6) Aniline	6.993	93	427314	34.502	ng		99
8) 2-Chlorophenol	7.228	128	323294	37.889	ng		97
9) Benzaldehyde	6.805	77	210196	33.849	ng		97
10) Phenol	6.875	94	343323	34.675	ng		97
11) bis(2-Chloroethyl)ether	7.081	93	267754	32.911	ng		97
12) 1,3-Dichlorobenzene	7.540	146	369964	37.687	ng		98
13) 1,4-Dichlorobenzene	7.681	146	377130	38.196	ng		99
14) 1,2-Dichlorobenzene	7.993	146	358228	37.234	ng		99
15) Benzyl Alcohol	7.899	79	274812	37.698	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	322460	33.096	ng		98
17) 2-Methylphenol	8.105	107	257144	36.211	ng		99
18) Hexachloroethane	8.710	117	136161	35.987	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	219513	33.080	ng		98
20) 3+4-Methylphenols	8.434	107	348115	36.038	ng		99
22) Acetophenone	8.469	105	472930	37.544	ng	#	98
24) Nitrobenzene	8.840	77	314532	35.811	ng		94
25) Isophorone	9.357	82	621875	35.920	ng		98
26) 2-Nitrophenol	9.546	139	188189	43.726	ng		97
27) 2,4-Dimethylphenol	9.616	122	299412	39.458	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	373026	36.065	ng		98
29) 2,4-Dichlorophenol	10.087	162	298960	40.657	ng		96
30) 1,2,4-Trichlorobenzene	10.281	180	337424	40.721	ng		98
31) Naphthalene	10.469	128	1008718	38.600	ng		100
32) Benzoic acid	9.787	122	197648m	39.062	ng		
33) 4-Chloroaniline	10.587	127	419312	39.764	ng		97
34) Hexachlorobutadiene	10.746	225	223991	41.728	ng		97
35) Caprolactam	11.393	113	98617	37.068	ng		97
36) 4-Chloro-3-methylphenol	11.734	107	333647	37.207	ng		97
37) 2-Methylnaphthalene	12.081	142	643256	38.015	ng		100
38) 1-Methylnaphthalene	12.304	142	675108	37.289	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	381647	38.859	ng		99
41) Hexachlorocyclopentadiene	12.434	237	239845	40.274	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	261803	41.155	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

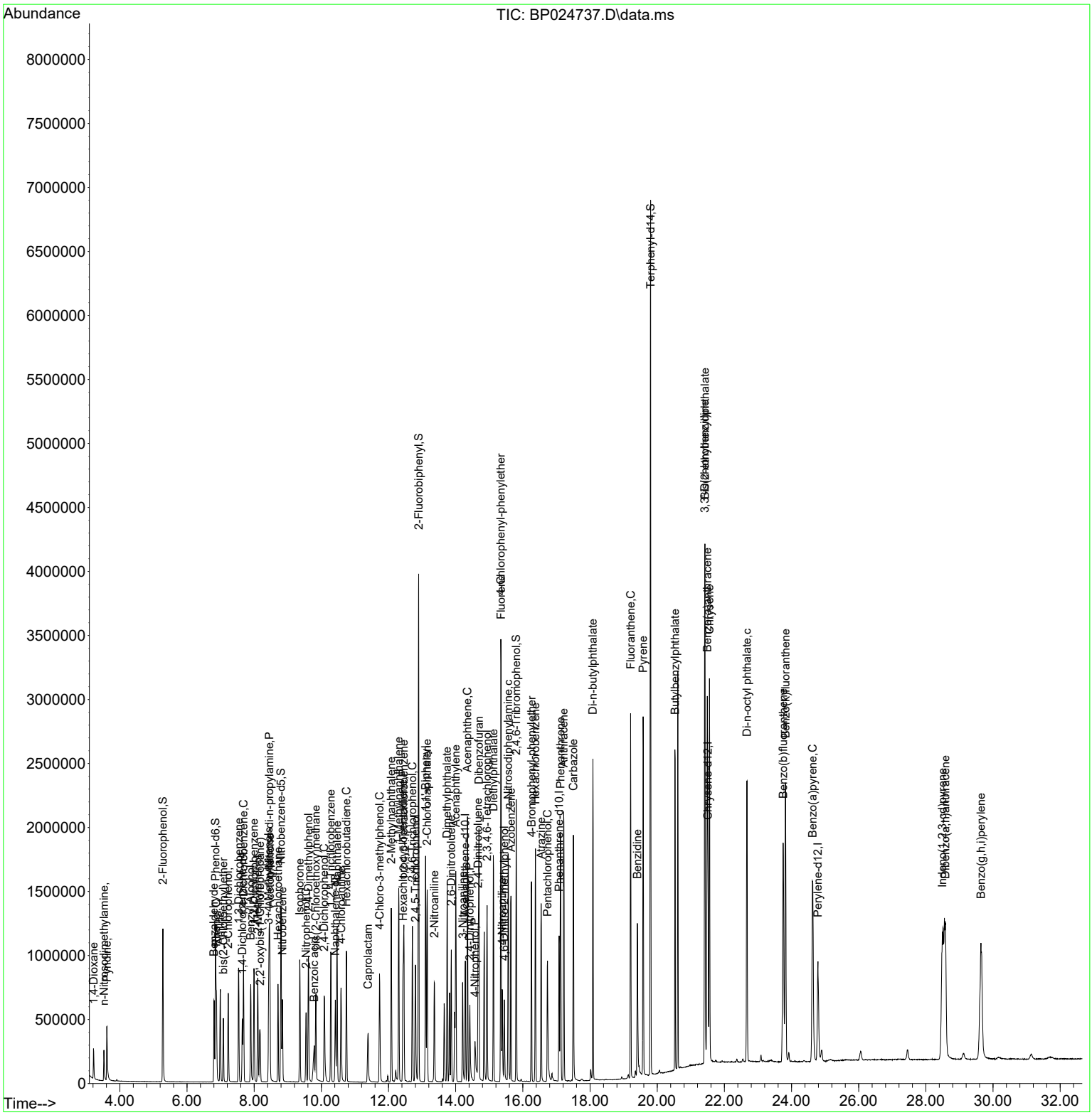
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	281425	39.743	ng	98
46) 1,1'-Biphenyl	13.104	154	961834	38.477	ng	99
47) 2-Chloronaphthalene	13.151	162	734643	38.543	ng	100
48) 2-Nitroaniline	13.363	65	213232	37.787	ng	96
49) Acenaphthylene	14.004	152	1222519	38.328	ng	99
50) Dimethylphthalate	13.745	163	961442	37.296	ng	100
51) 2,6-Dinitrotoluene	13.869	165	207647	38.140	ng	99
52) Acenaphthene	14.351	154	698905	38.115	ng	100
53) 3-Nitroaniline	14.210	138	216734	38.988	ng	97
54) 2,4-Dinitrophenol	14.422	184	164987	50.613	ng	99
55) Dibenzofuran	14.692	168	1115484	38.138	ng	99
56) 4-Nitrophenol	14.575	139	144766	32.722	ng	96
57) 2,4-Dinitrotoluene	14.669	165	305830	39.845	ng	98
58) Fluorene	15.351	166	859607	36.044	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.934	232	266302	40.541	ng	96
60) Diethylphthalate	15.122	149	951493	36.519	ng	99
61) 4-Chlorophenyl-phenyle...	15.345	204	439835	36.981	ng	99
62) 4-Nitroaniline	15.387	138	205688m	38.320	ng	
63) Azobenzene	15.645	77	705740	31.663	ng	93
65) 4,6-Dinitro-2-methylph...	15.451	198	163240	39.283	ng	95
66) n-Nitrosodiphenylamine	15.563	169	745065	37.705	ng	99
67) 4-Bromophenyl-phenylether	16.257	248	307639	40.582	ng	94
68) Hexachlorobenzene	16.375	284	389640	40.450	ng	94
69) Atrazine	16.545	200	281596	38.885	ng	99
70) Pentachlorophenol	16.734	266	236626	43.761	ng	98
71) Phenanthrene	17.122	178	1367949	38.250	ng	99
72) Anthracene	17.216	178	1402936	38.990	ng	99
73) Carbazole	17.504	167	1273717	39.110	ng	100
74) Di-n-butylphthalate	18.086	149	1683824	40.201	ng	99
75) Fluoranthene	19.210	202	1610436	38.522	ng	98
77) Benzidine	19.410	184	830549	41.862	ng	100
78) Pyrene	19.580	202	1695680	38.849	ng	100
80) Butylbenzylphthalate	20.533	149	775853	39.968	ng	92
81) Benzo(a)anthracene	21.492	228	1753708	38.340	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	721764	42.484	ng	99
83) Chrysene	21.557	228	1649202	38.035	ng	99
84) Bis(2-ethylhexyl)phtha...	21.422	149	1152986	40.410	ng	99
85) Di-n-octyl phthalate	22.674	149	1934196	41.455	ng	100
87) Indeno(1,2,3-cd)pyrene	28.492	276	2389128m	39.353	ng	
88) Benzo(b)fluoranthene	23.751	252	1842112	38.701	ng	98
89) Benzo(k)fluoranthene	23.821	252	1866702	38.060	ng	99
90) Benzo(a)pyrene	24.627	252	1761704	38.538	ng	99
91) Dibenzo(a,h)anthracene	28.586	278	1961249	39.710	ng	98
92) Benzo(g,h,i)perylene	29.639	276	1901784	38.721	ng	99

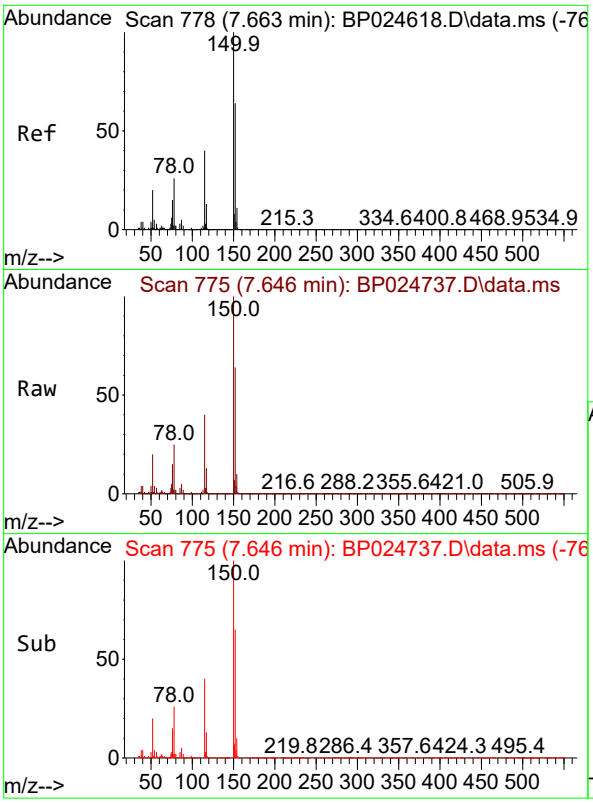
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



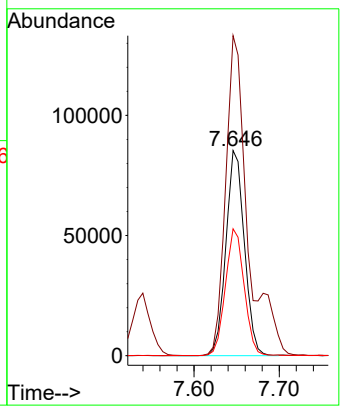


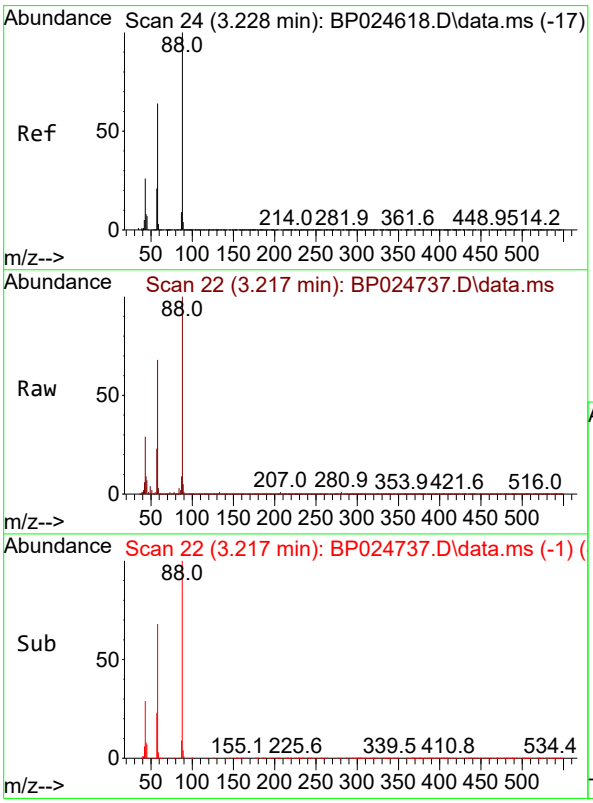
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 7
Delta R.T. -0.017 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 128557

Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.9	188.9
115	61.8	50.1	75.1

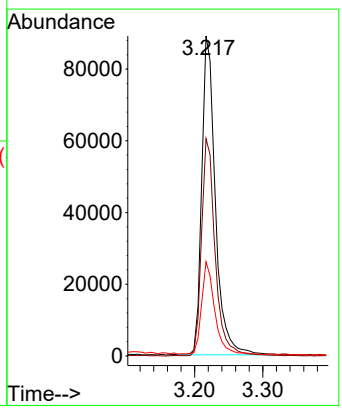


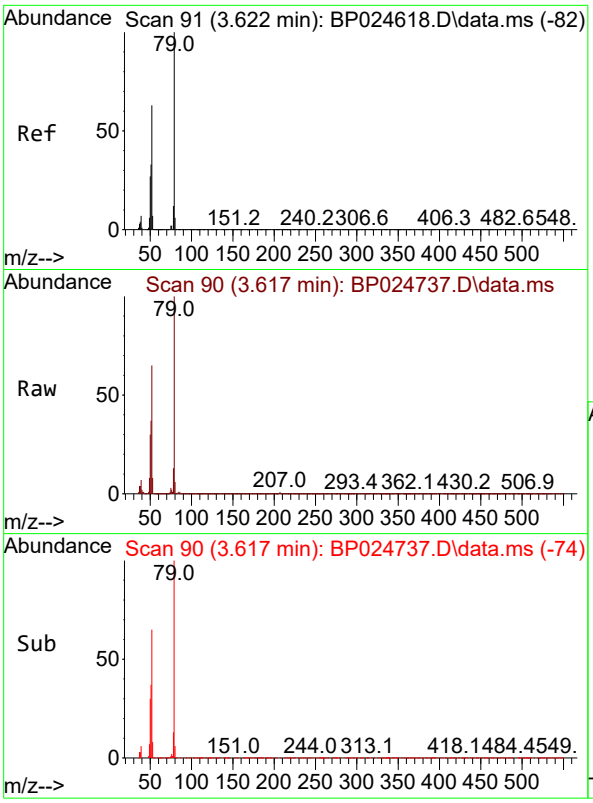


#2
1,4-Dioxane
Concen: 35.039 ng
RT: 3.217 min Scan# 22
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 88 Resp: 123669

Ion	Ratio	Lower	Upper
88	100		
58	67.9	54.0	81.0
43	28.0	21.4	32.0



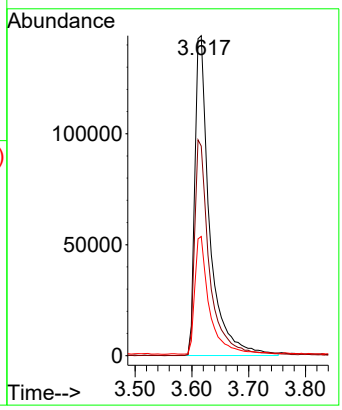


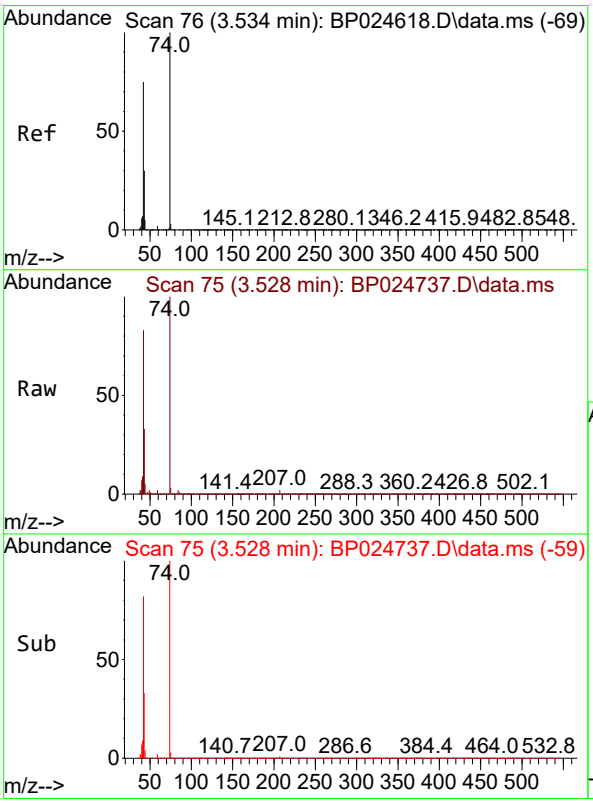
#3
Pyridine
Concen: 33.539 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 262480

Ion	Ratio	Lower	Upper
79	100		
52	65.5	50.2	75.2
51	37.3	26.8	40.2

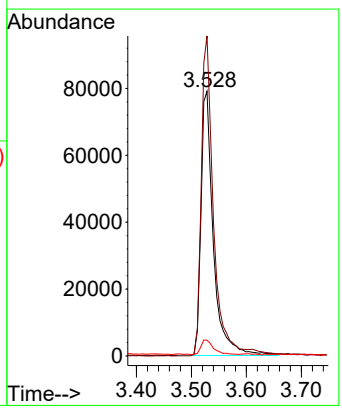


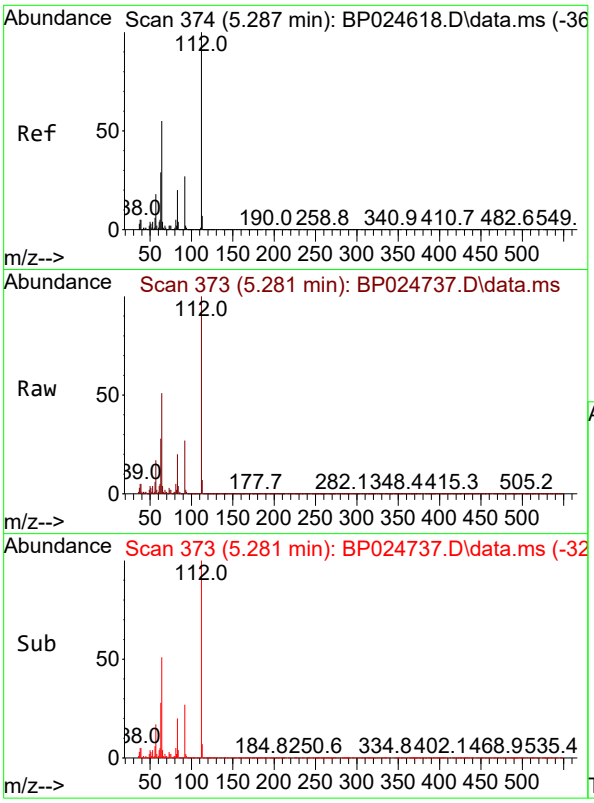


#4
n-Nitrosodimethylamine
Concen: 35.793 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 42 Resp: 123664

Ion	Ratio	Lower	Upper
42	100		
74	120.9	106.2	159.2
44	5.9	5.4	8.2



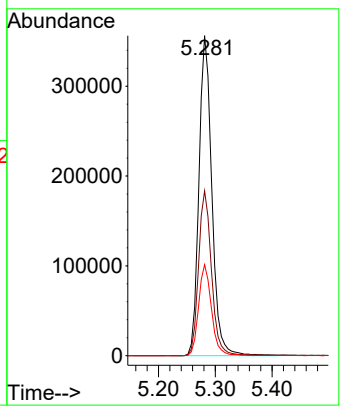


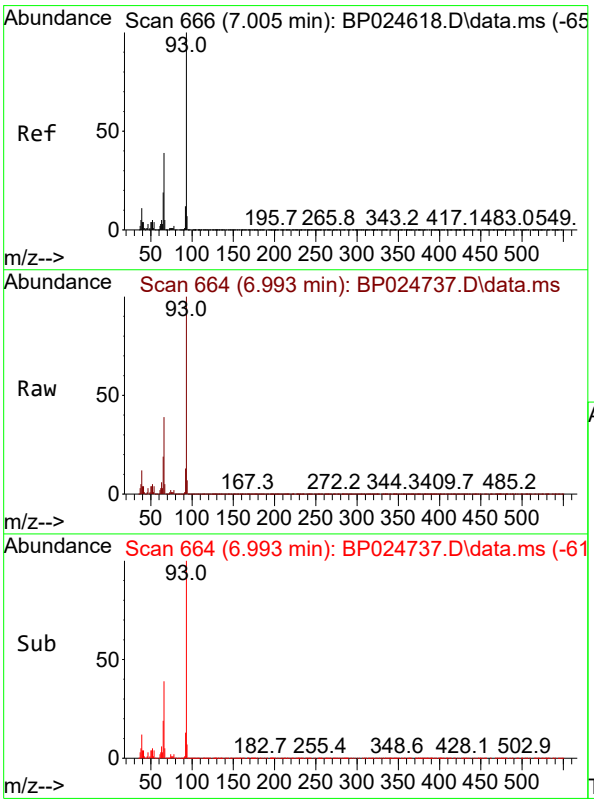
#5
2-Fluorophenol
Concen: 74.915 ng
RT: 5.281 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 563089

Ion	Ratio	Lower	Upper
112	100		
64	51.5	44.1	66.1
63	28.5	23.5	35.3

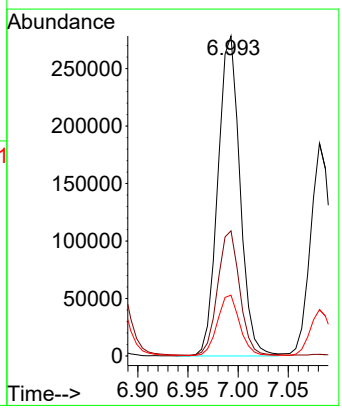


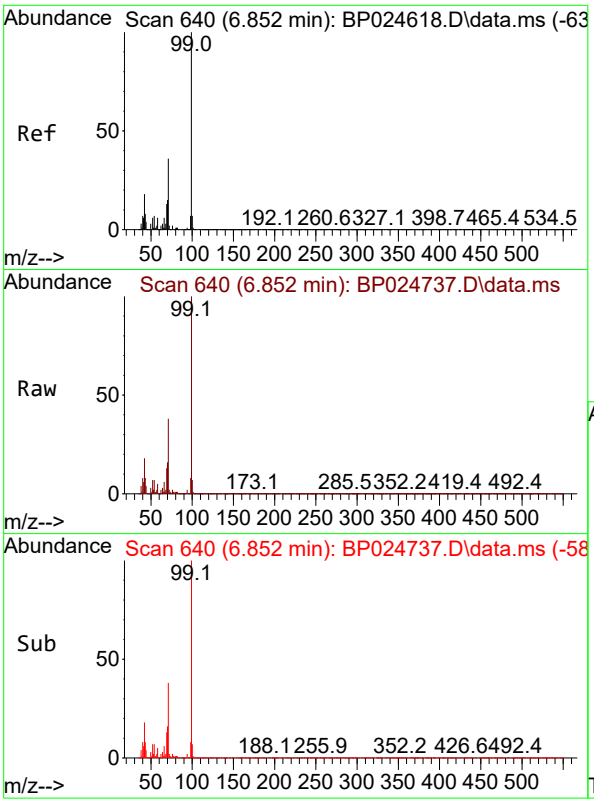


#6
Aniline
Concen: 34.502 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 93 Resp: 427314

Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.0	46.6
65	19.0	15.5	23.3



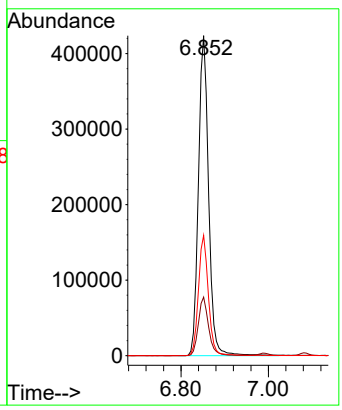


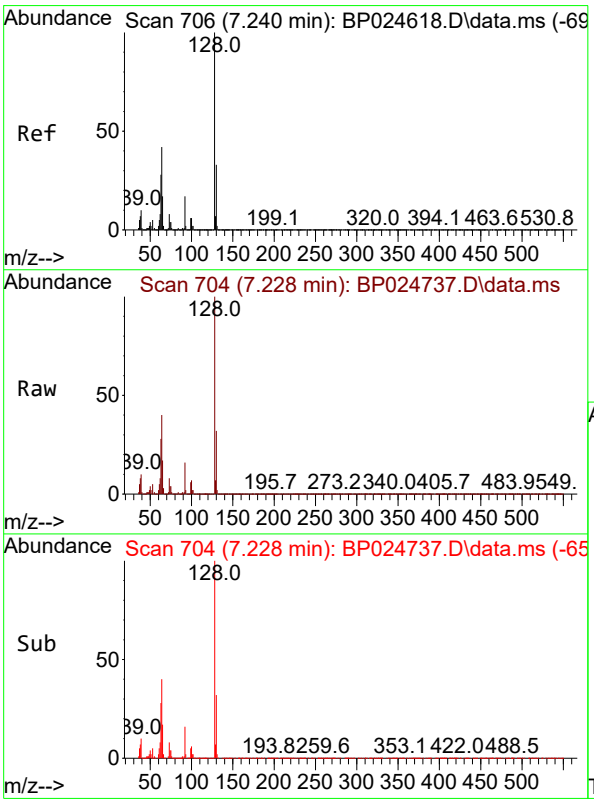
#7
Phenol-d6
Concen: 71.501 ng
RT: 6.852 min Scan# 64
Delta R.T. 0.000 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 685904

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.4	21.6
71	37.6	29.2	43.8

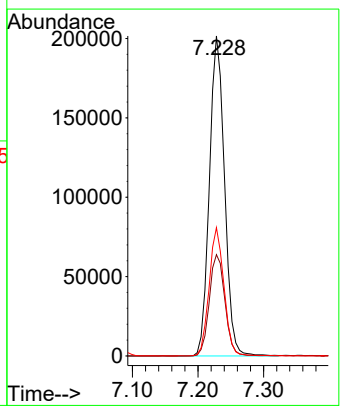


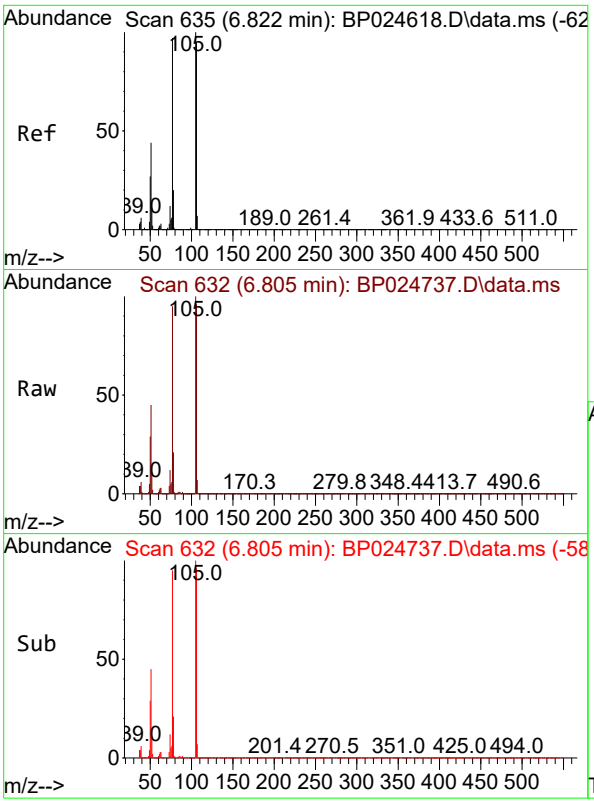


#8
2-Chlorophenol
Concen: 37.889 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:128 Resp: 323294

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	40.1	22.3	62.3



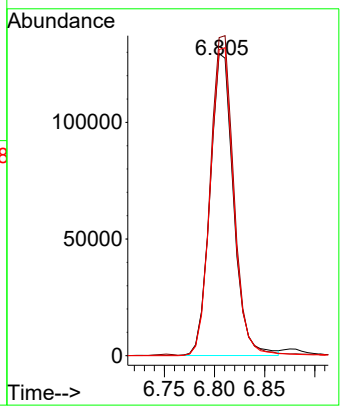


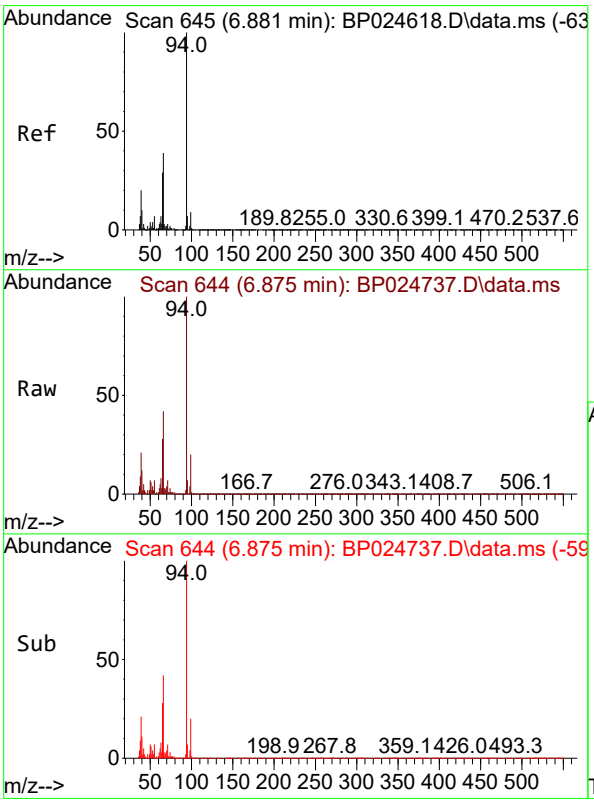
#9
Benzaldehyde
Concen: 33.849 ng
RT: 6.805 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 210196

Ion	Ratio	Lower	Upper
77	100		
105	105.3	83.3	123.3
106	101.3	78.0	118.0

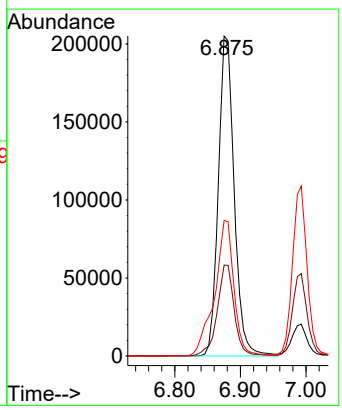


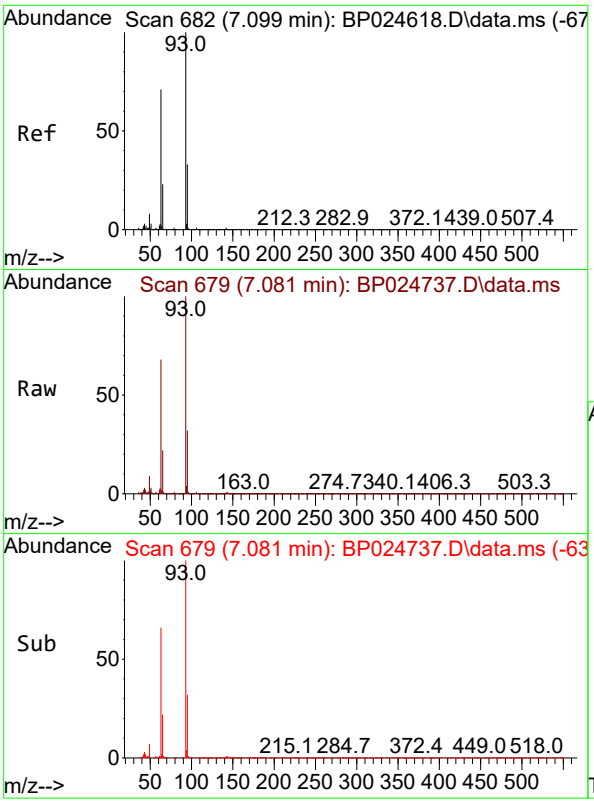


#10
Phenol
Concen: 34.675 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 94 Resp: 343323

Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.7	48.7
66	42.3	19.4	59.4



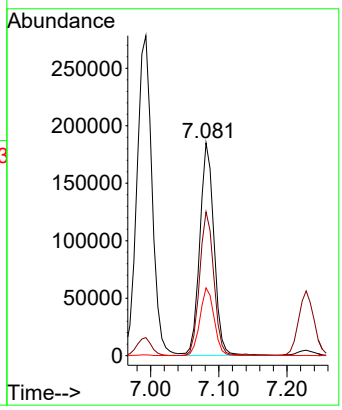


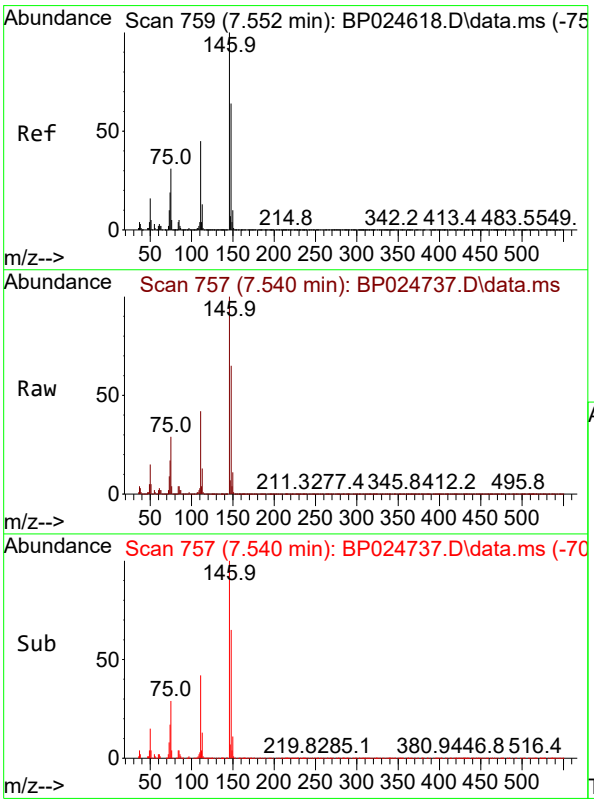
#11
bis(2-Chloroethyl)ether
Concen: 32.911 ng
RT: 7.081 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 267754

Ion	Ratio	Lower	Upper
93	100		
63	67.6	50.6	90.6
95	31.9	12.9	52.9

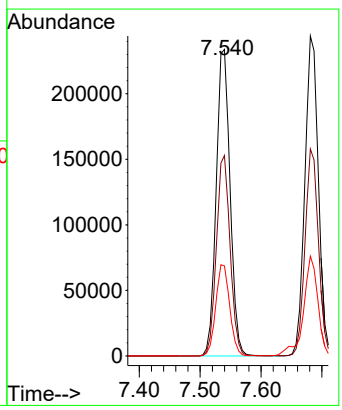


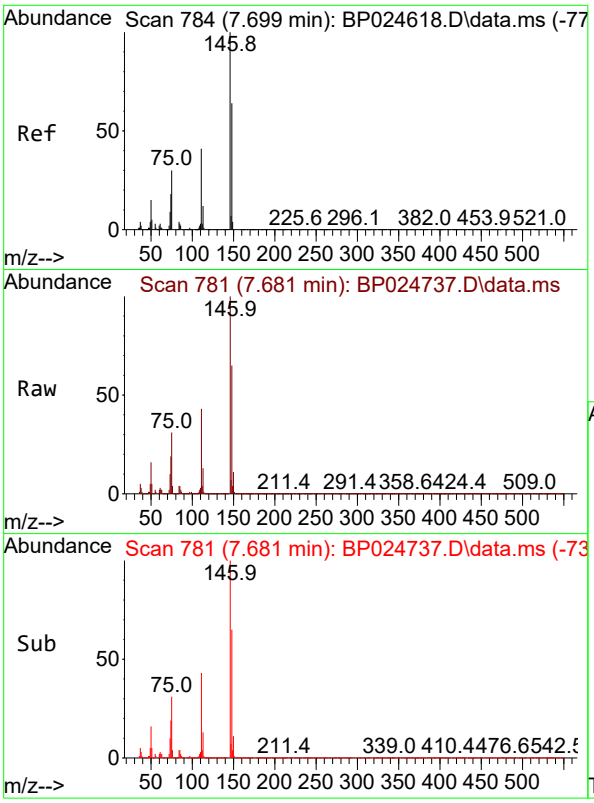


#12
1,3-Dichlorobenzene
Concen: 37.687 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:146 Resp: 369964

Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	29.4	25.2	37.8



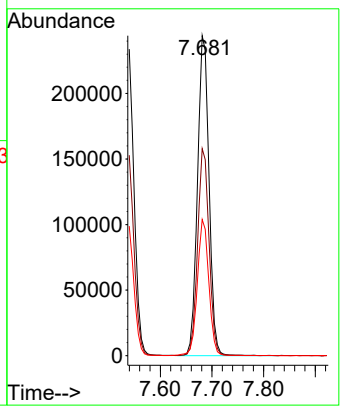


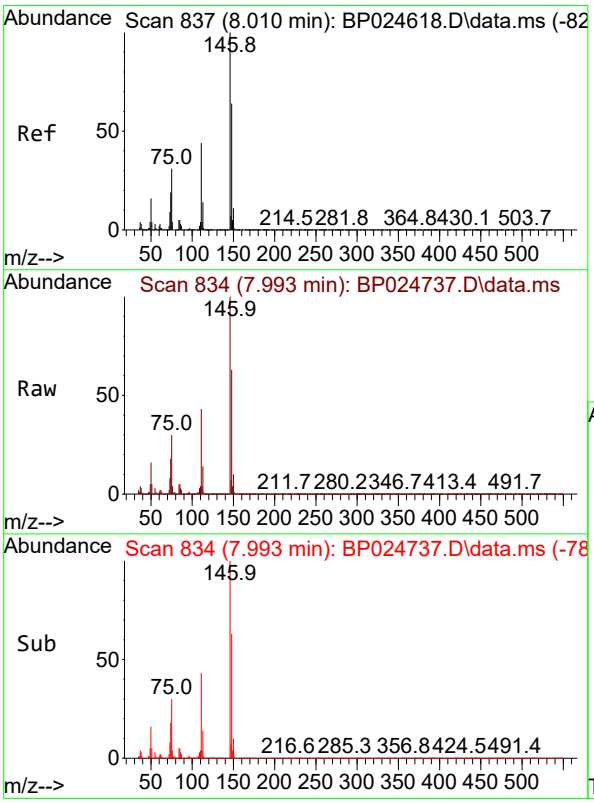
#13
1,4-Dichlorobenzene
Concen: 38.196 ng
RT: 7.681 min Scan# 7
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 377130

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	42.5	33.0	49.6

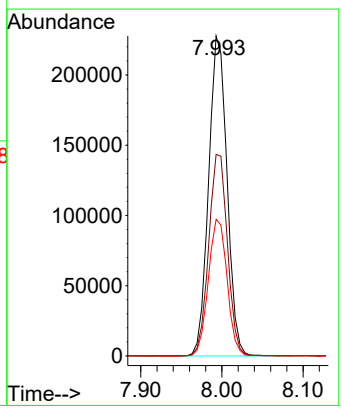


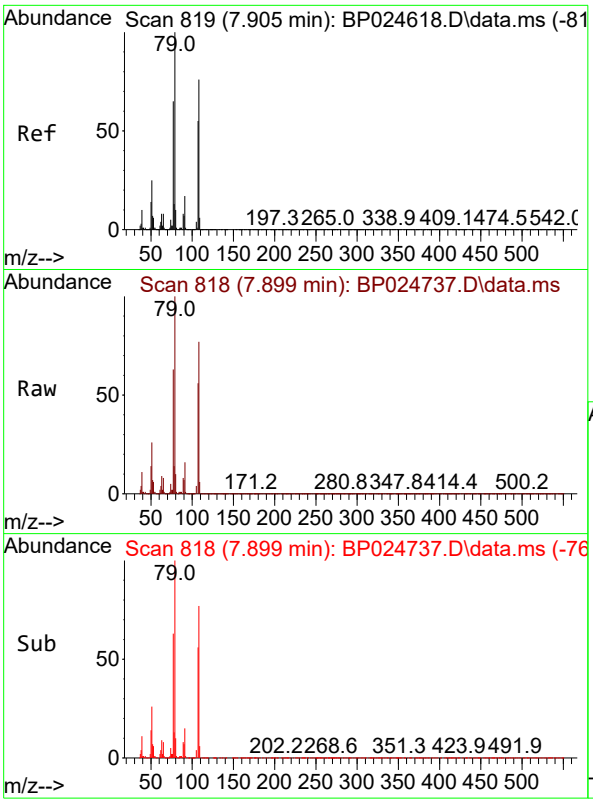


#14
1,2-Dichlorobenzene
Concen: 37.234 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:146 Resp: 358228

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
111	42.7	35.2	52.8



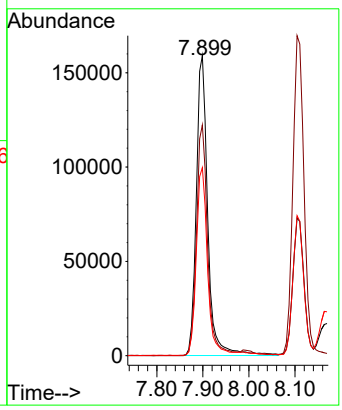


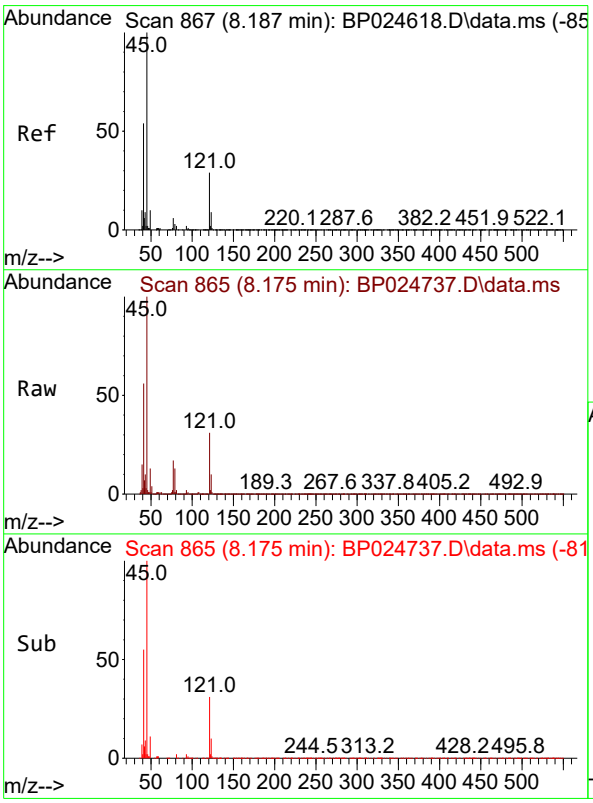
#15
Benzyl Alcohol
Concen: 37.698 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 274812

Ion	Ratio	Lower	Upper
79	100		
108	76.9	60.8	91.2
77	62.7	51.9	77.9

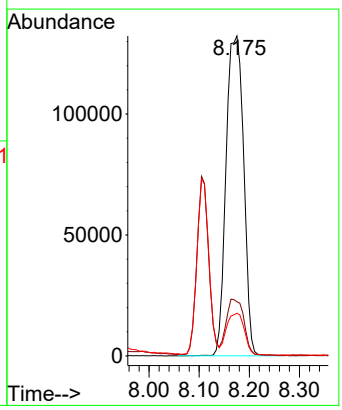


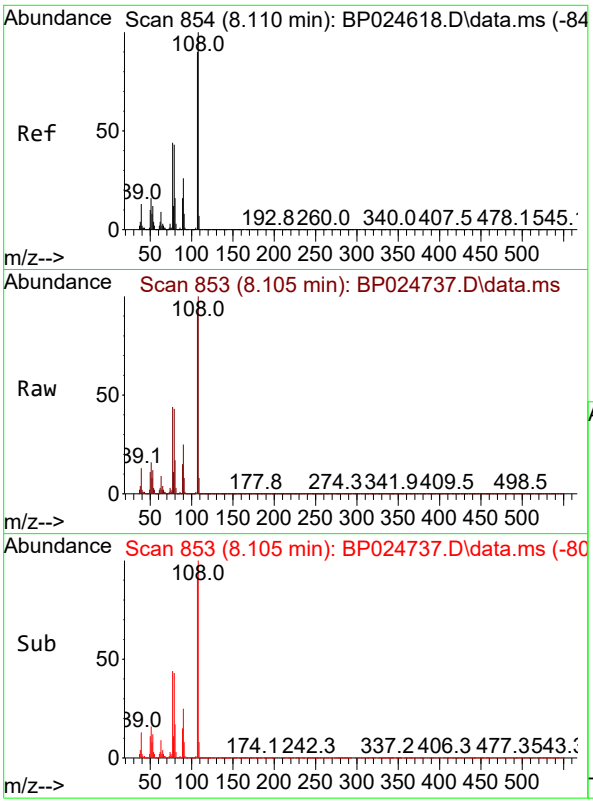


#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.096 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 45 Resp: 322460

Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	37.7
79	13.4	0.0	34.0



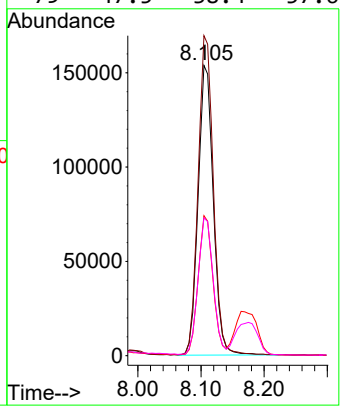


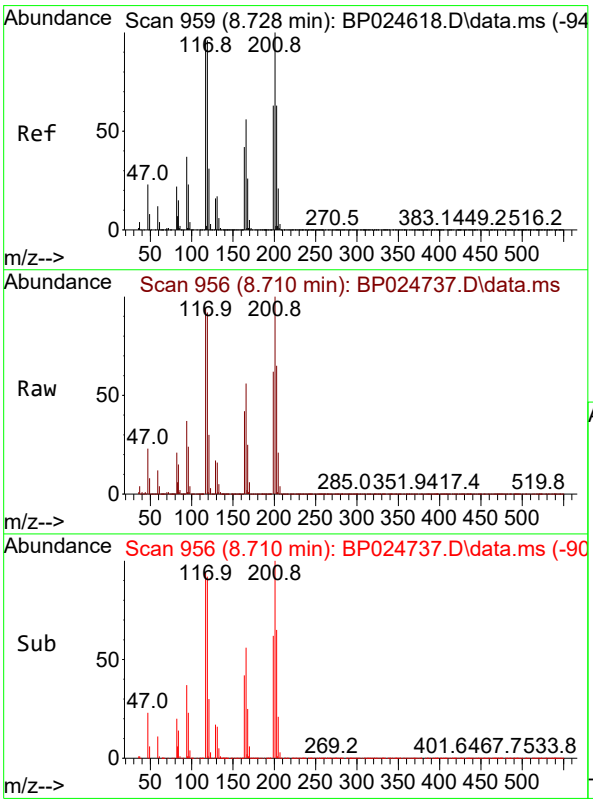
#17
2-Methylphenol
Concen: 36.211 ng
RT: 8.105 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 257144

Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.9	133.3
77	48.2	39.0	58.6
79	47.5	38.4	57.6

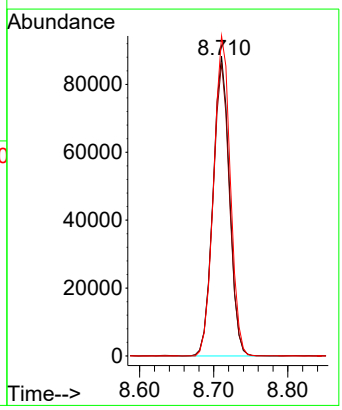


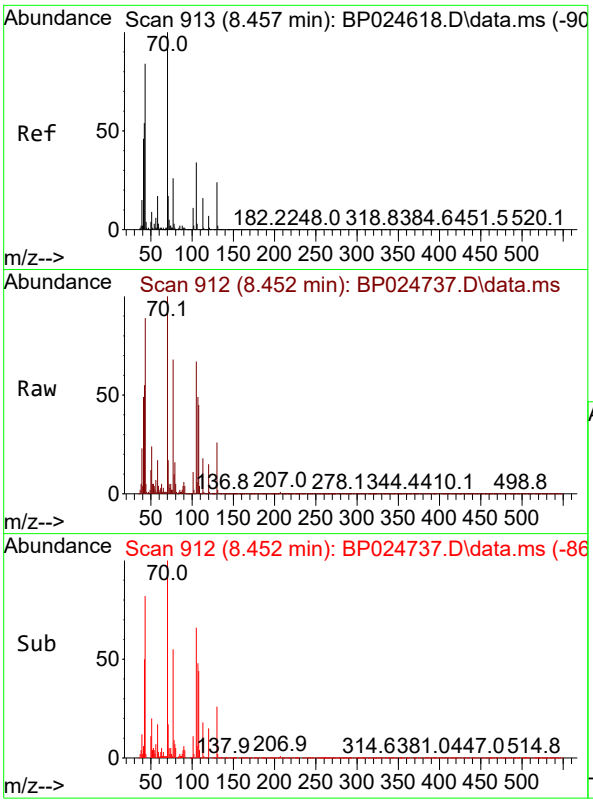


#18
Hexachloroethane
Concen: 35.987 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:117 Resp: 136161

Ion	Ratio	Lower	Upper
117	100		
119	97.9	79.4	119.0
201	106.8	82.7	124.1



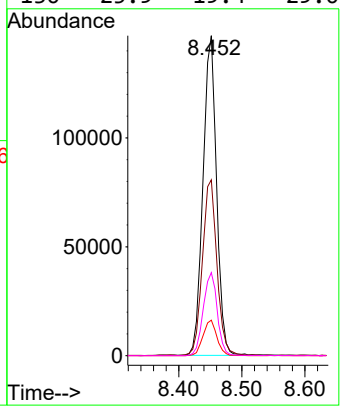


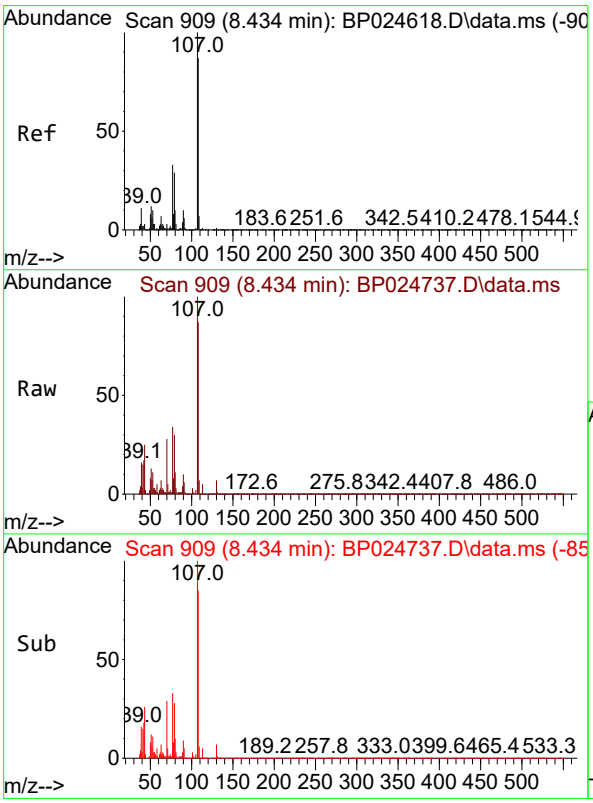
#19
n-Nitroso-di-n-propylamine
Concen: 33.080 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 219513

Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.0	64.6
101	11.1	8.7	13.1
130	25.9	19.4	29.0

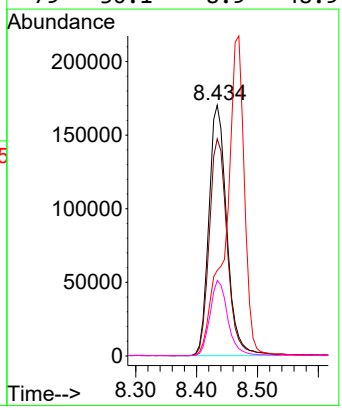


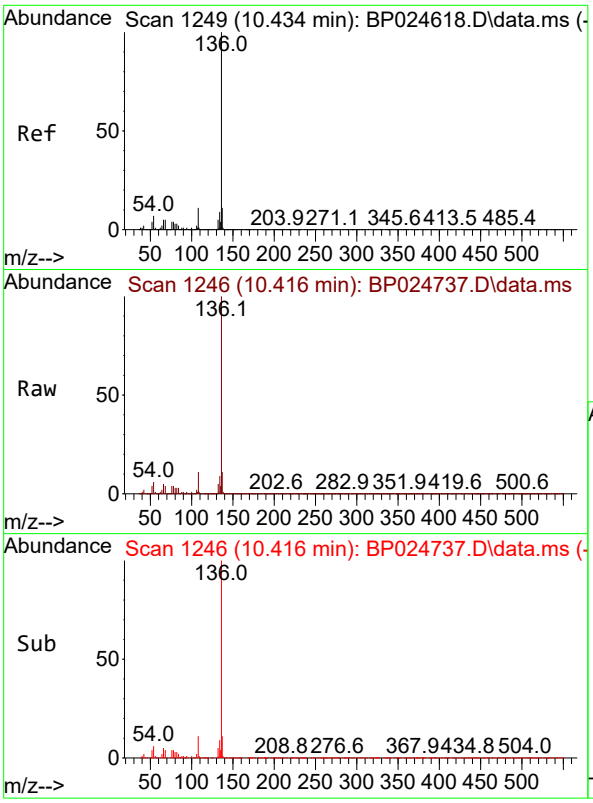


#20
3+4-Methylphenols
Concen: 36.038 ng
RT: 8.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:107 Resp: 348115

Ion	Ratio	Lower	Upper
107	100		
108	86.6	66.7	106.7
77	34.1	13.1	53.1
79	30.1	8.9	48.9



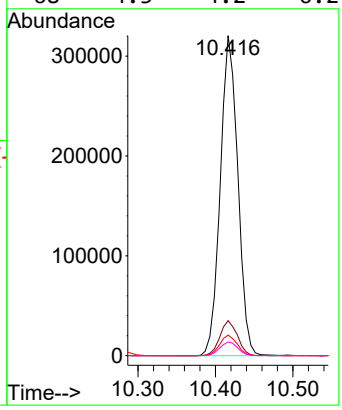


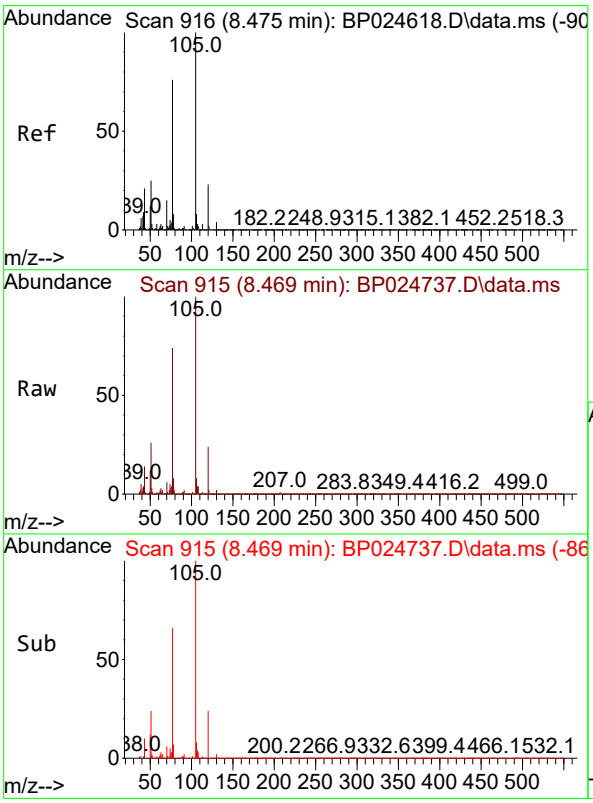
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 504282

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.5	8.3
68	4.3	4.2	6.2

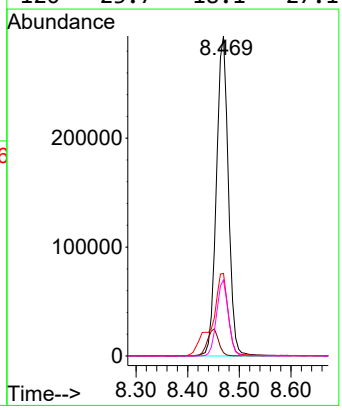


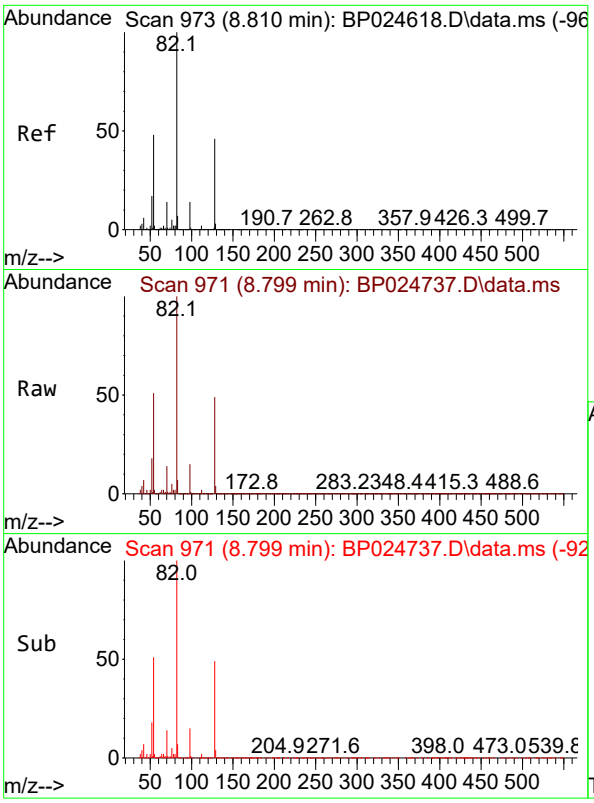


#22
Acetophenone
Concen: 37.544 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:105 Resp: 472930

Ion	Ratio	Lower	Upper
105	100		
71	1.1	2.0	3.0#
51	25.8	20.4	30.6
120	23.7	18.1	27.1



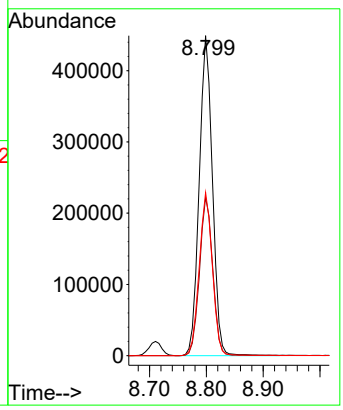


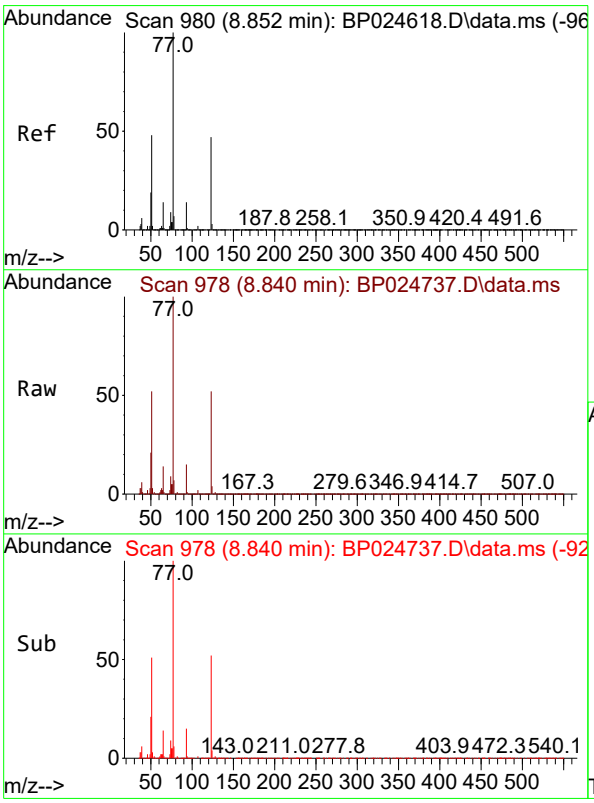
#23
Nitrobenzene-d5
Concen: 72.739 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 725976

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.0	55.4
54	51.0	38.7	58.1

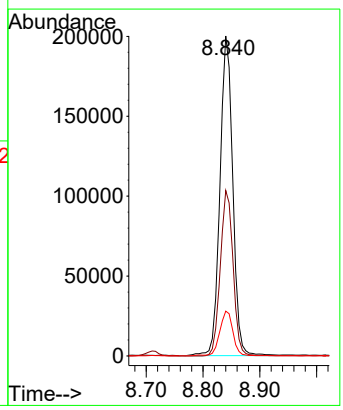


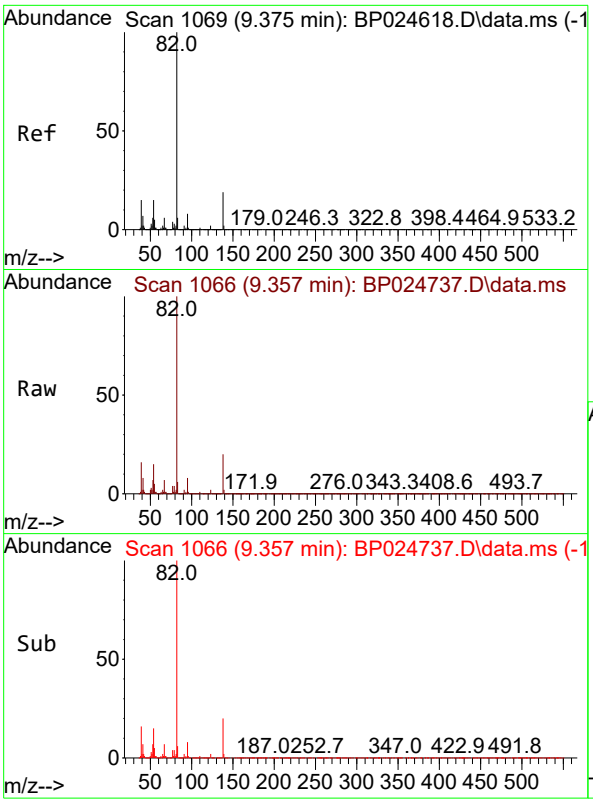


#24
Nitrobenzene
Concen: 35.811 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 77 Resp: 314532

Ion	Ratio	Lower	Upper
77	100		
123	51.7	37.4	56.0
65	14.0	11.3	16.9



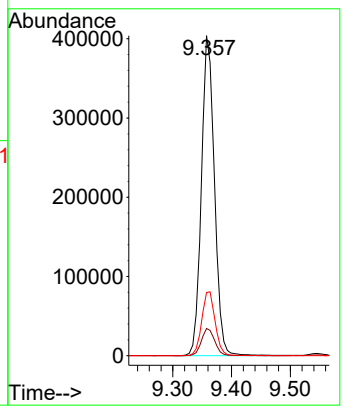


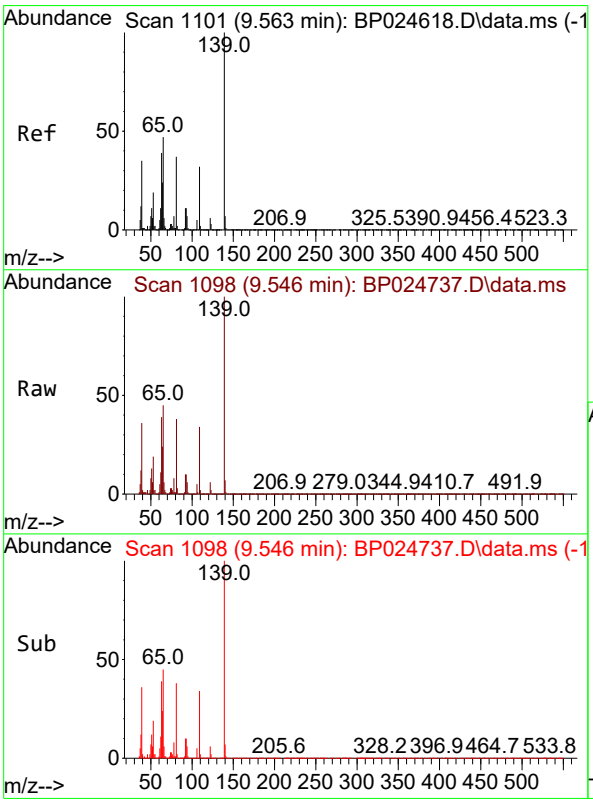
#25
Isophorone
Concen: 35.920 ng
RT: 9.357 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 621875

Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.3	9.5
138	19.7	15.3	22.9

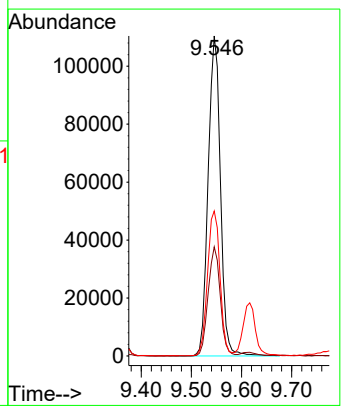


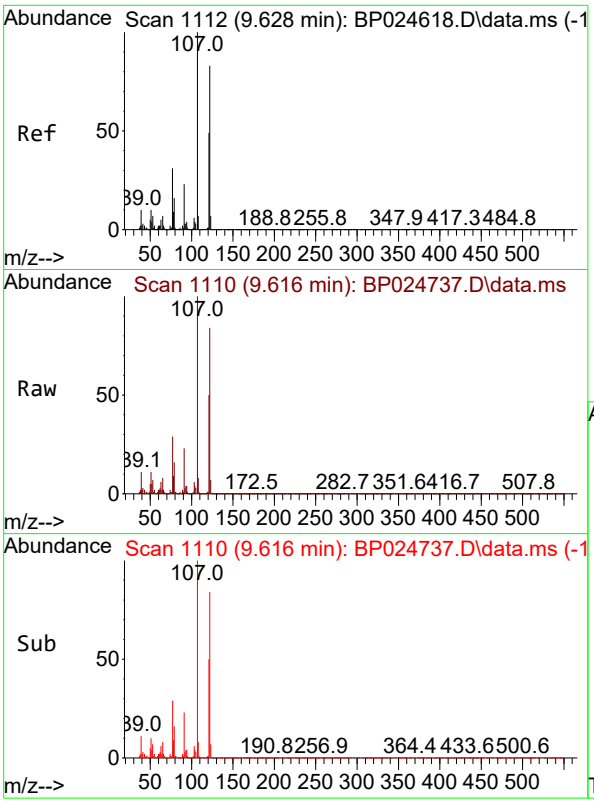


#26
2-Nitrophenol
Concen: 43.726 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:139 Resp: 188189

Ion	Ratio	Lower	Upper
139	100		
109	34.1	25.9	38.9
65	45.3	37.9	56.9



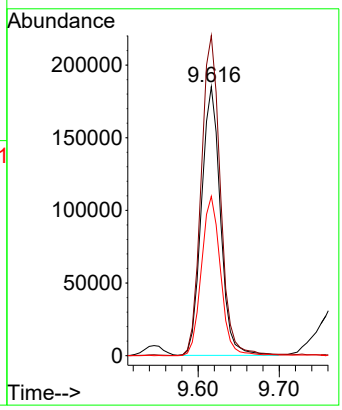


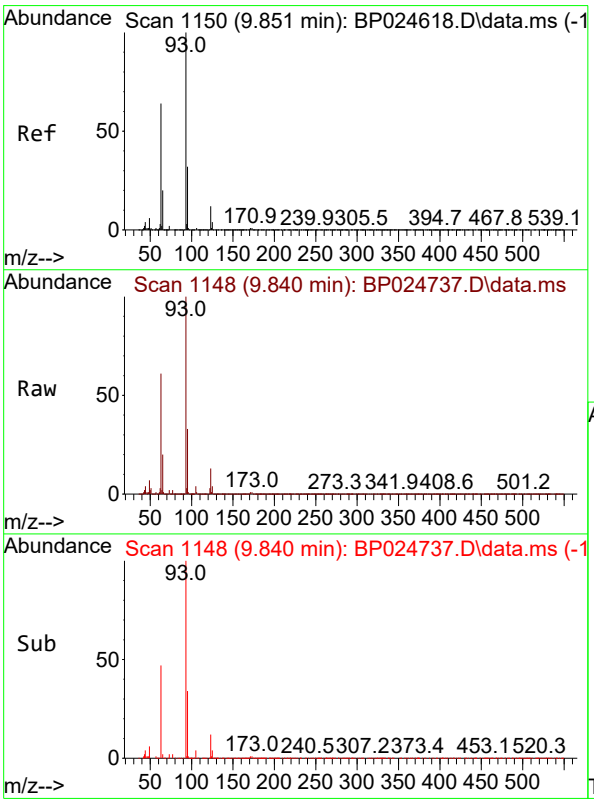
#27
2,4-Dimethylphenol
Concen: 39.458 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 299412

Ion	Ratio	Lower	Upper
122	100		
107	119.0	96.2	144.2
121	59.3	47.6	71.4

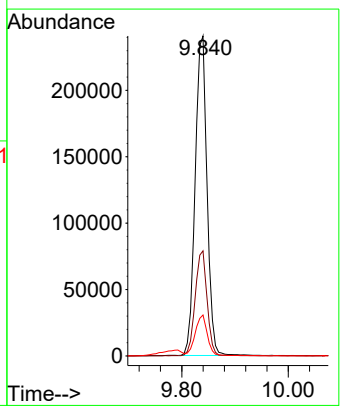


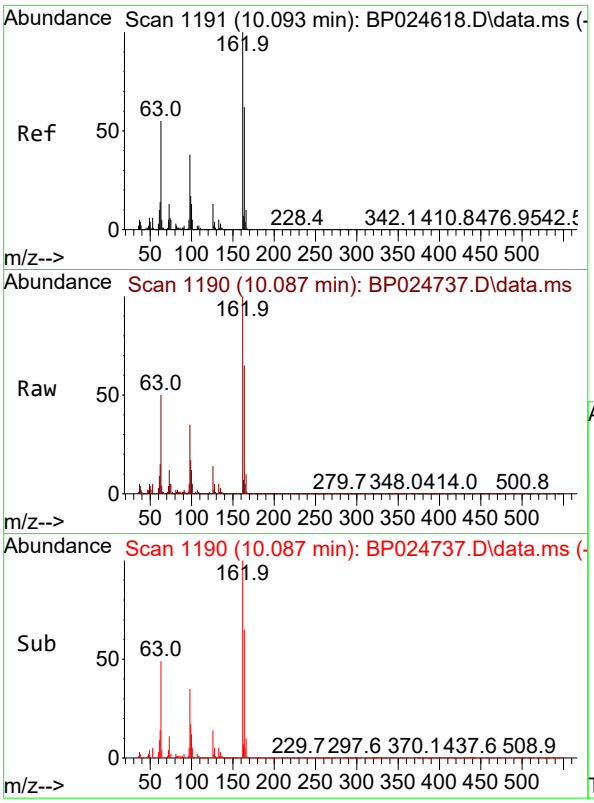


#28
bis(2-Chloroethoxy)methane
Concen: 36.065 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 93 Resp: 373026

Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.5	38.3
123	12.8	9.7	14.5



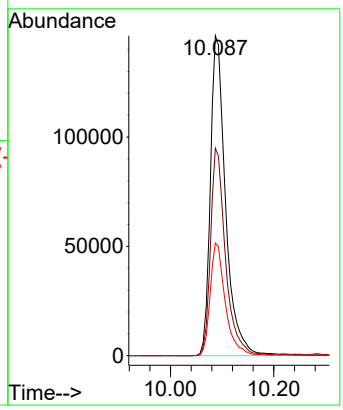


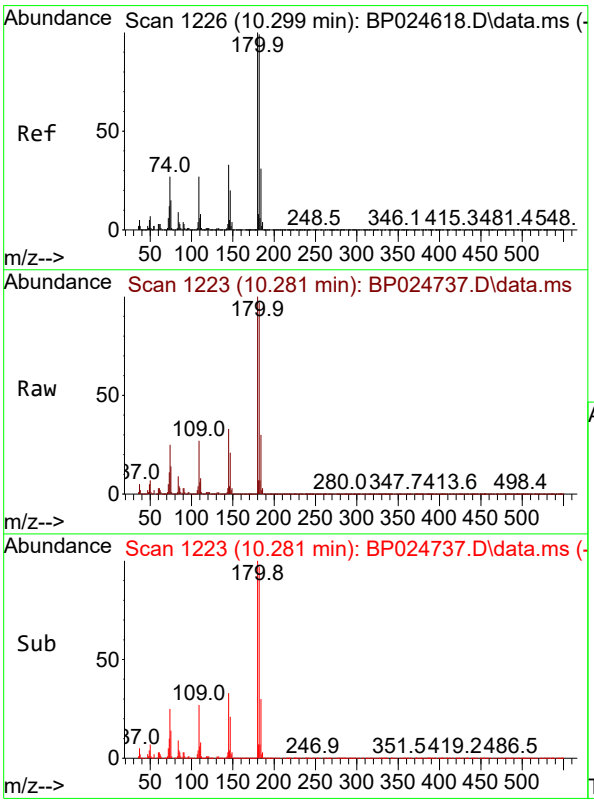
#29
2,4-Dichlorophenol
Concen: 40.657 ng
RT: 10.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 298960

Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.3	82.3
98	35.2	18.4	58.4

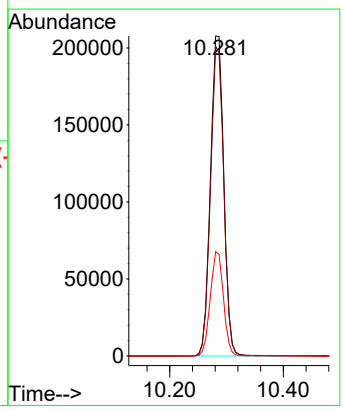


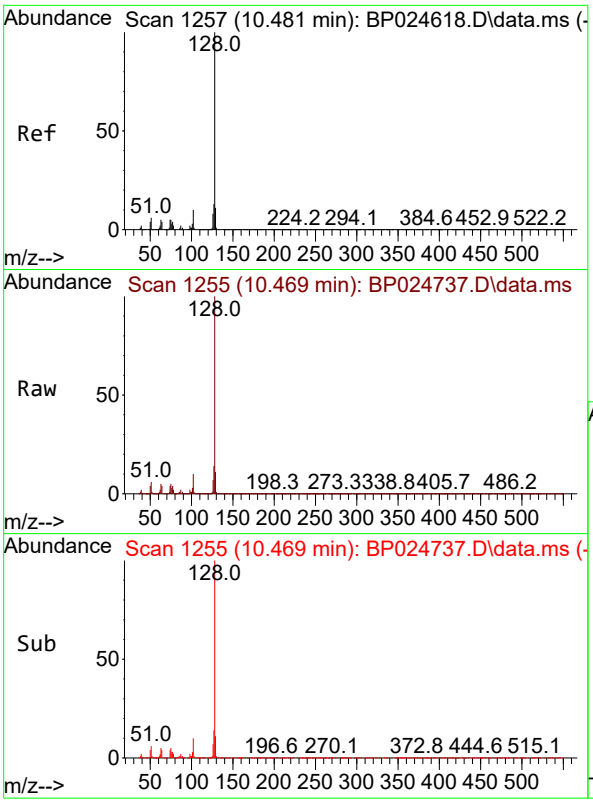


#30
1,2,4-Trichlorobenzene
Concen: 40.721 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:180 Resp: 337424

Ion	Ratio	Lower	Upper
180	100		
182	96.8	79.0	118.4
145	32.6	26.6	39.8



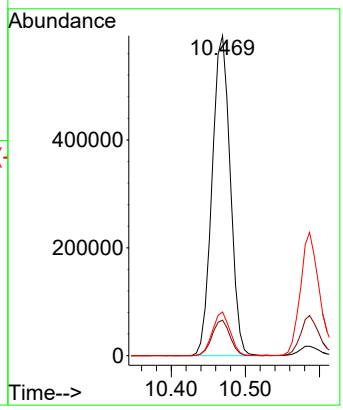


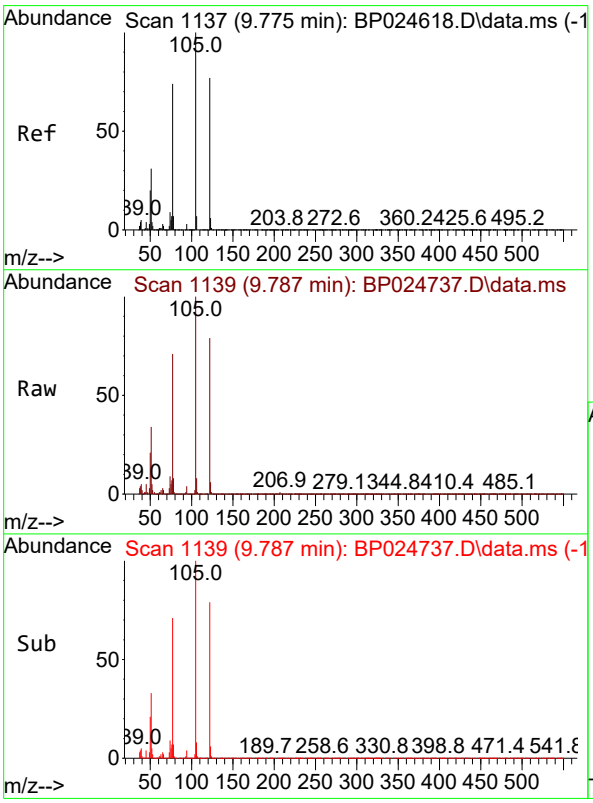
#31
Naphthalene
Concen: 38.600 ng
RT: 10.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1008718

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.7	10.7	16.1

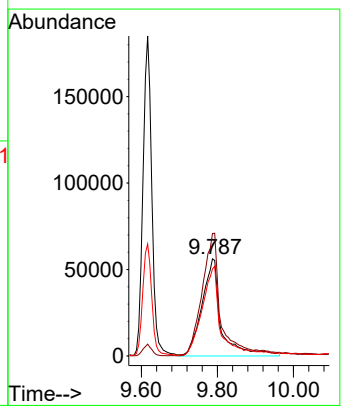


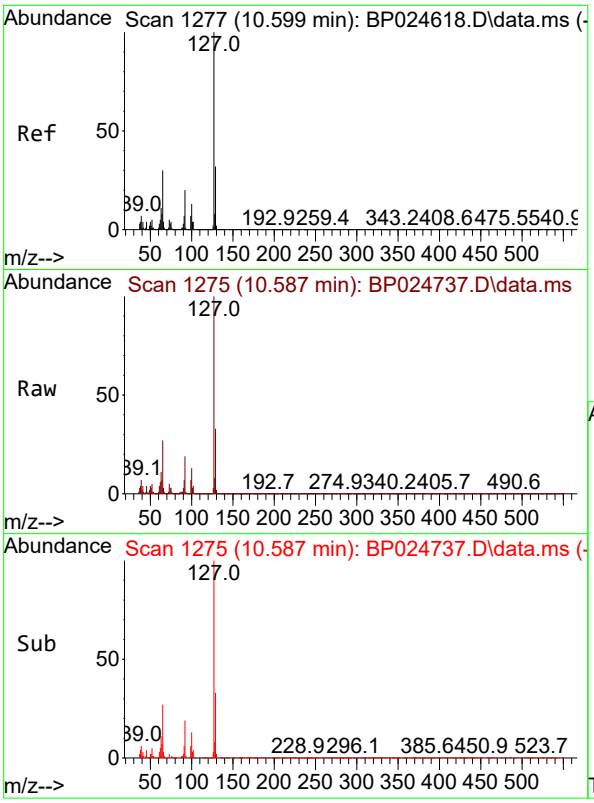


#32
Benzoic acid
Concen: 39.062 ng m
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:122 Resp: 197648

Ion	Ratio	Lower	Upper
122	100		
105	126.1	106.9	146.9
77	89.6	75.1	115.1



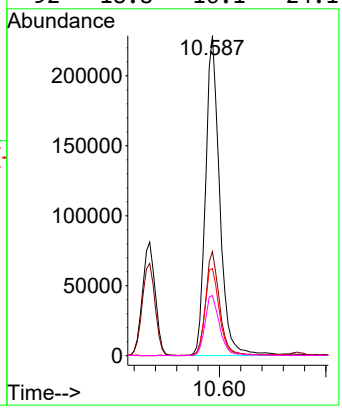


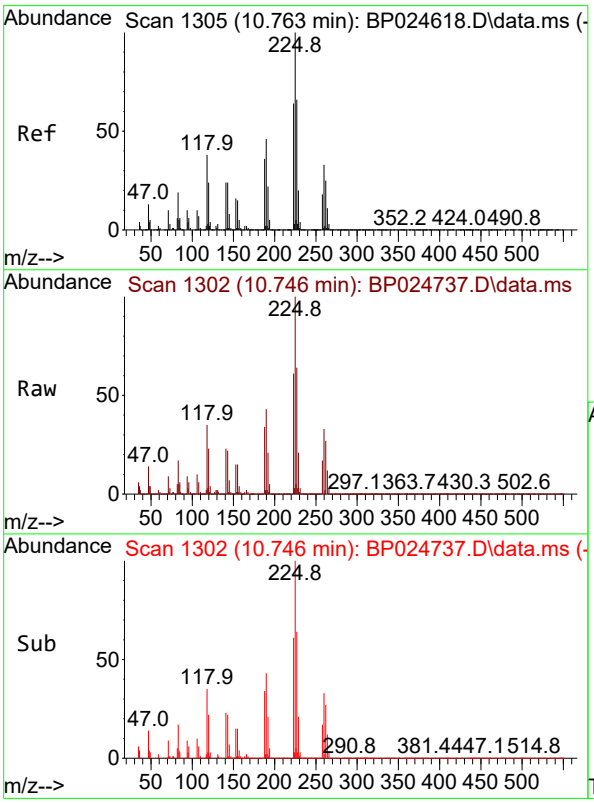
#33
4-Chloroaniline
Concen: 39.764 ng
RT: 10.587 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 419312

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	27.2	23.9	35.9
92	18.8	16.1	24.1

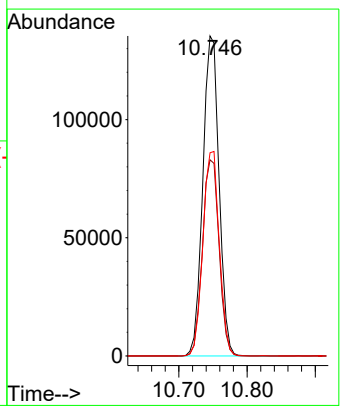


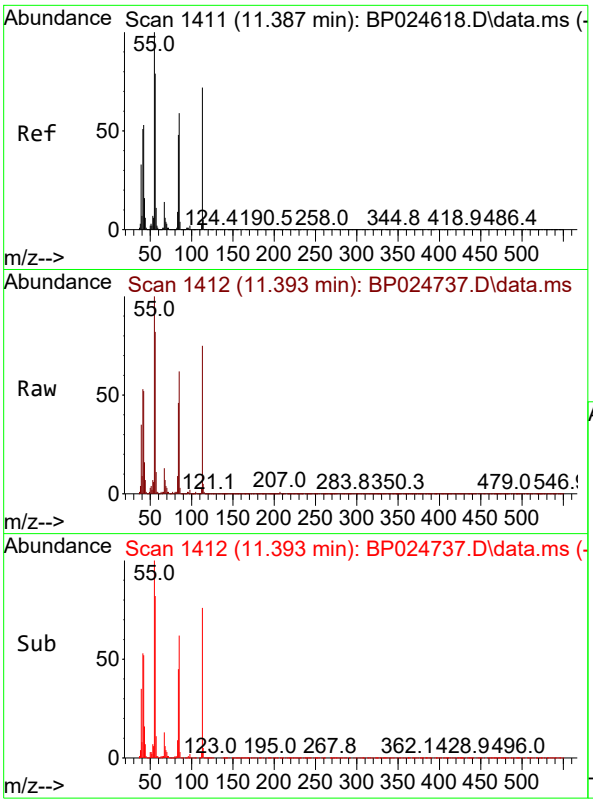


#34
Hexachlorobutadiene
Concen: 41.728 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:225 Resp: 223991

Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.0	76.6
227	63.5	53.1	79.7



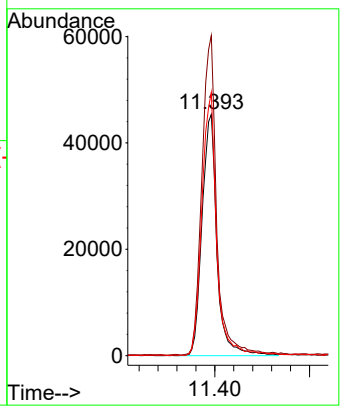


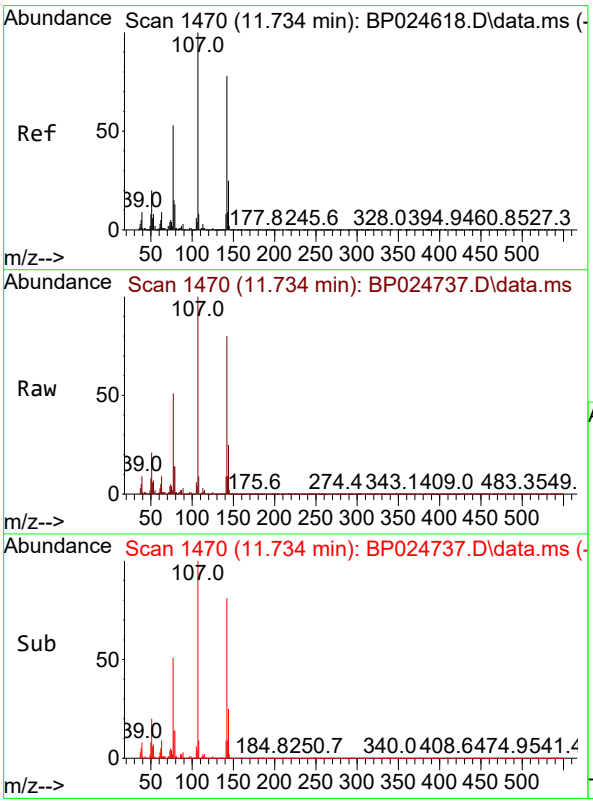
#35
Caprolactam
Concen: 37.068 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 98617

Ion	Ratio	Lower	Upper
113	100		
55	132.6	119.0	159.0
56	109.1	90.3	130.3

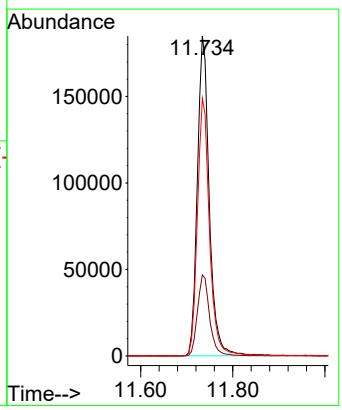


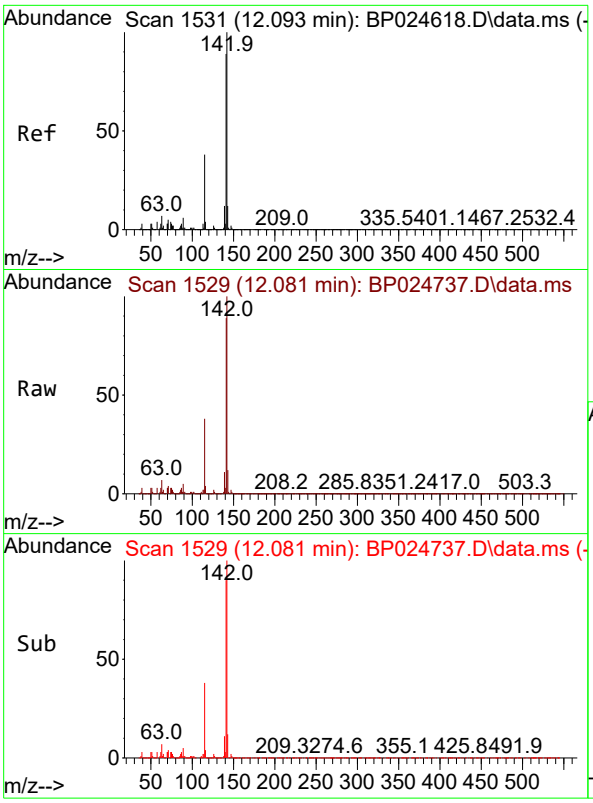


#36
4-Chloro-3-methylphenol
Concen: 37.207 ng
RT: 11.734 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:107 Resp: 333647

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	80.5	62.1	93.1



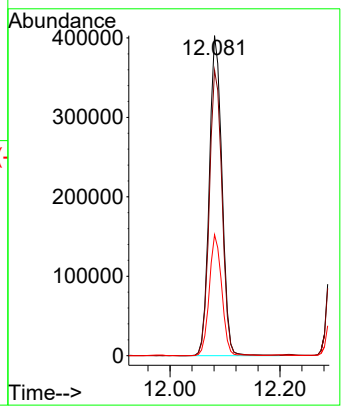


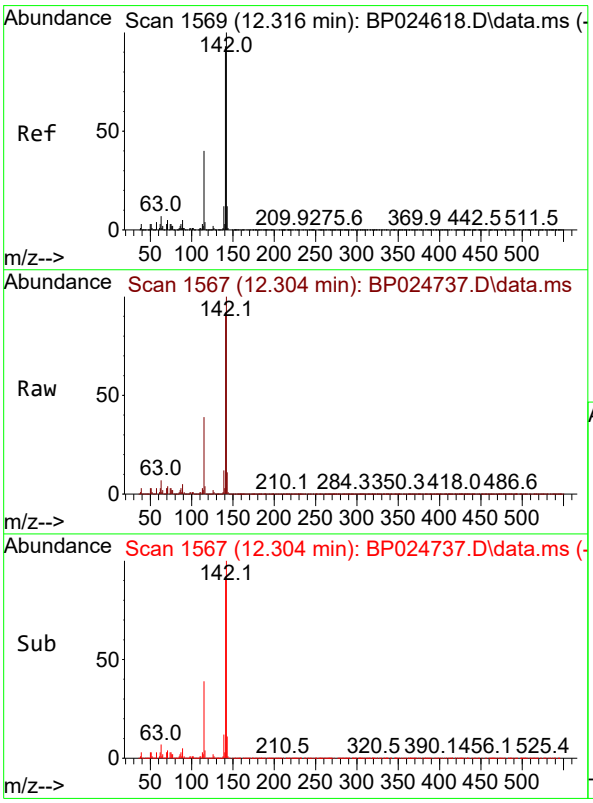
#37
2-Methylnaphthalene
Concen: 38.015 ng
RT: 12.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 643256

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.2	106.8
115	37.8	30.6	46.0

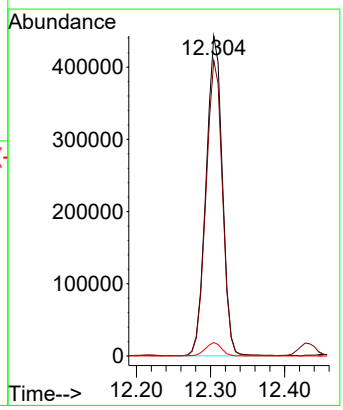


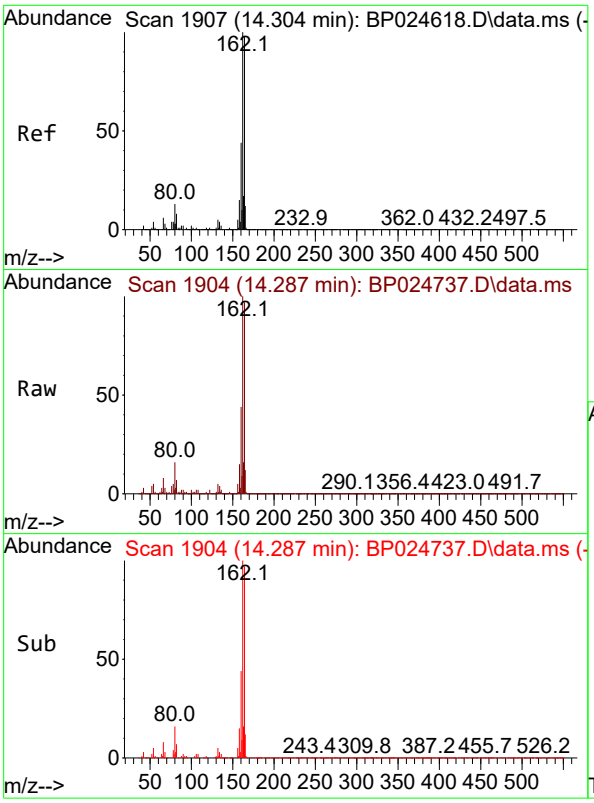


#38
1-Methylnaphthalene
Concen: 37.289 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:142 Resp: 675108

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.7	112.1
116	4.2	3.4	5.2



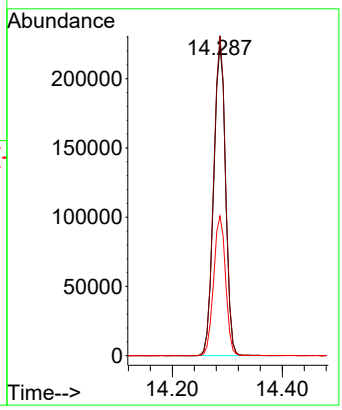


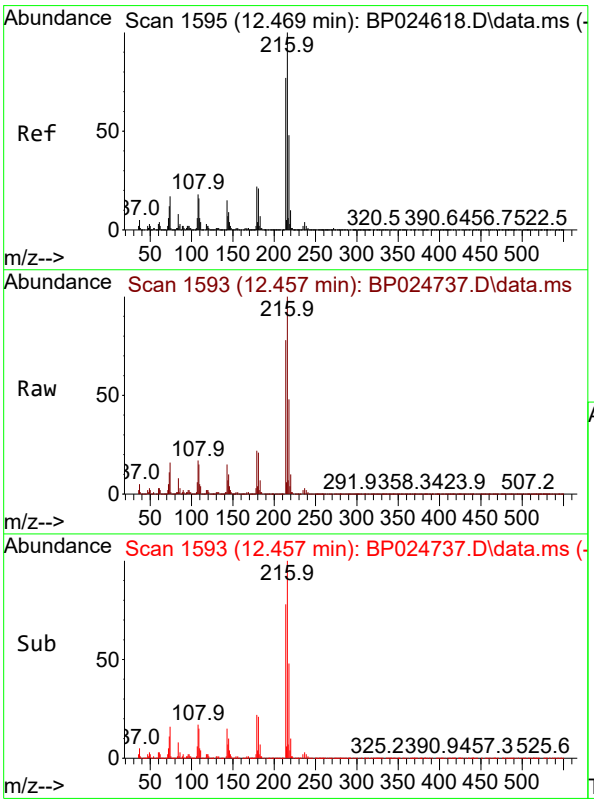
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 338214

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.8	122.6
160	45.0	36.3	54.5

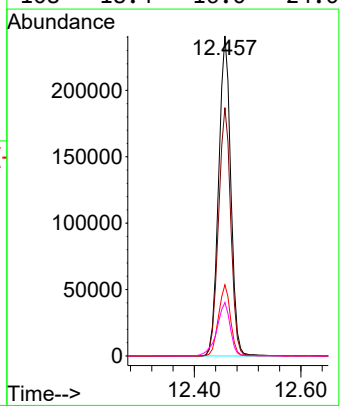


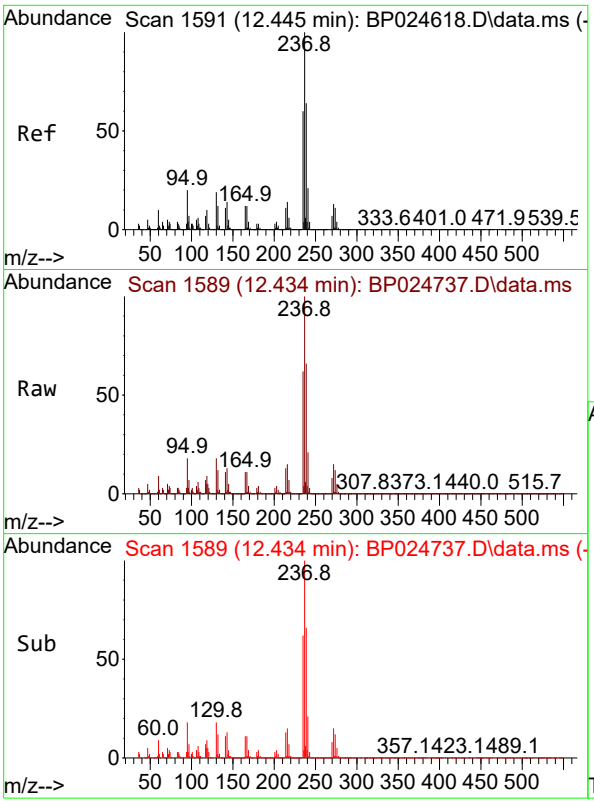


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.859 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:216 Resp: 381647

Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.3	93.5
179	21.9	17.7	26.5
108	18.4	16.0	24.0



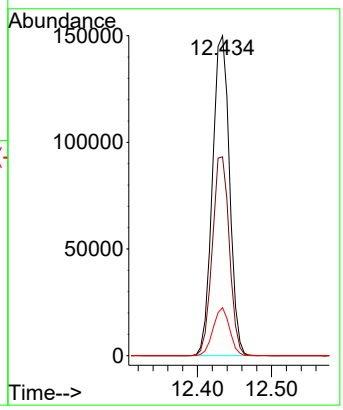


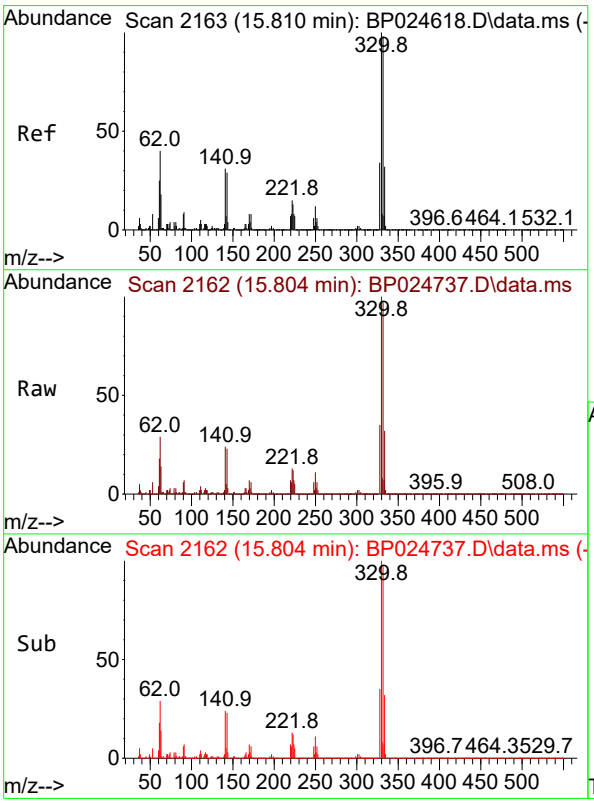
#41
Hexachlorocyclopentadiene
Concen: 40.274 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 239845

Ion	Ratio	Lower	Upper
237	100		
235	62.1	39.9	79.9
272	15.0	0.0	33.2

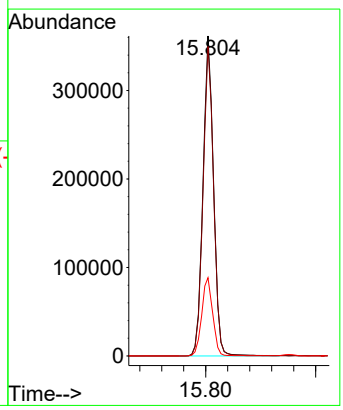


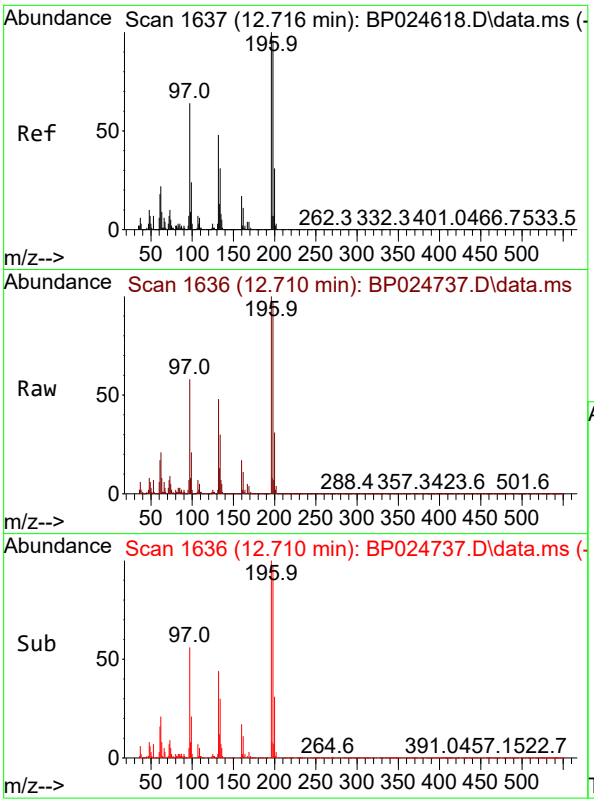


#42
2,4,6-Tribromophenol
Concen: 84.111 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:330 Resp: 482266

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.2	117.4
141	25.4	24.3	36.5



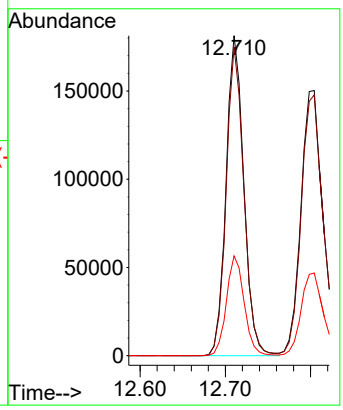


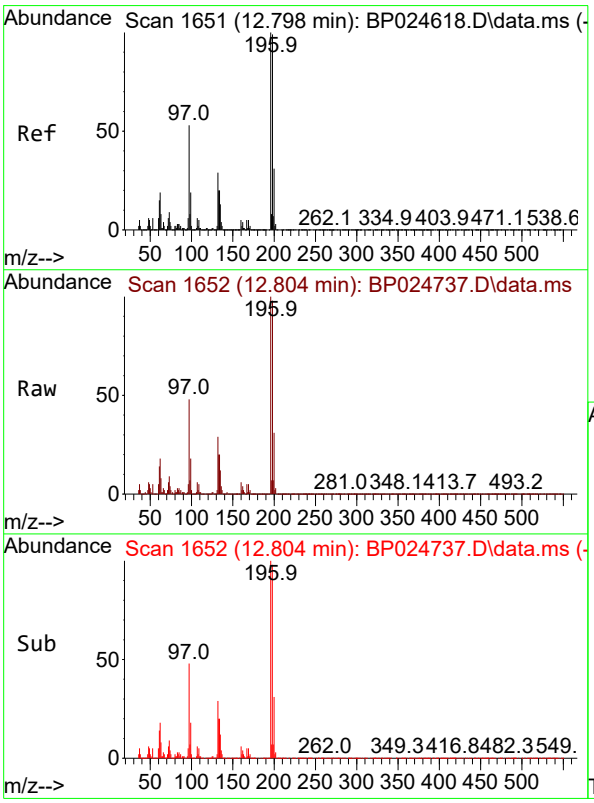
#43
2,4,6-Trichlorophenol
Concen: 41.155 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 261803

Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.9	115.3
200	31.2	25.2	37.8

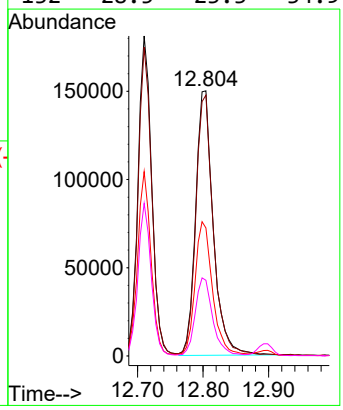


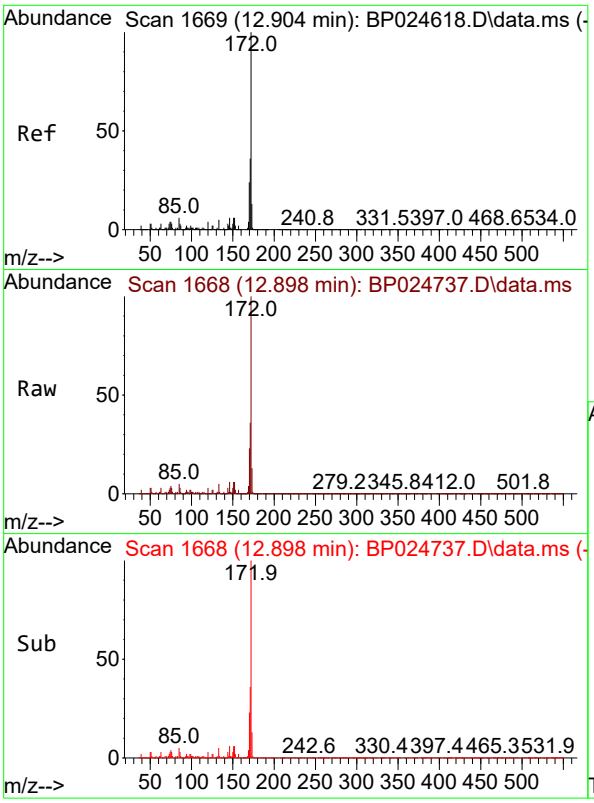


#44
2,4,5-Trichlorophenol
Concen: 39.743 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:196 Resp: 281425

Ion	Ratio	Lower	Upper
196	100		
198	98.4	79.2	118.8
97	48.3	42.3	63.5
132	28.5	23.3	34.9



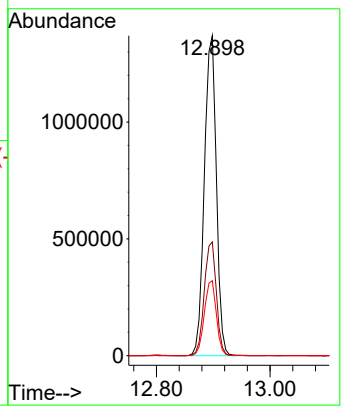


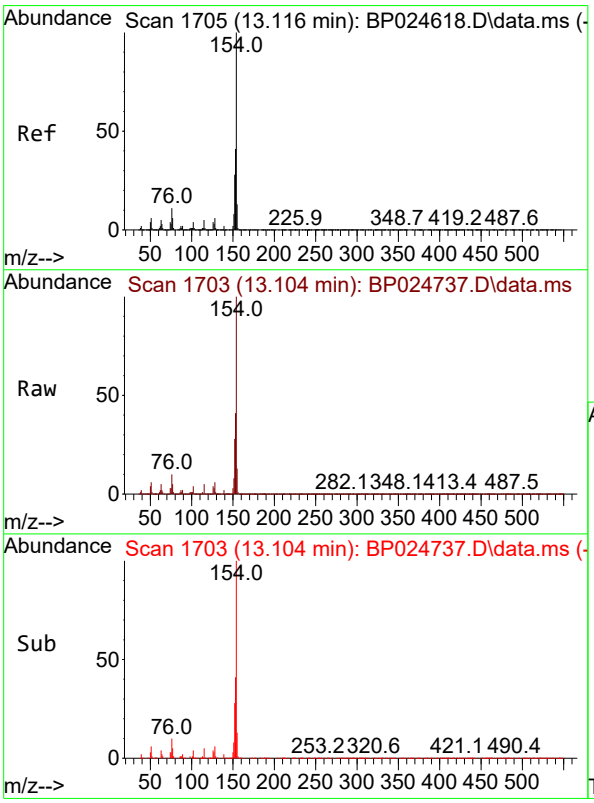
#45
2-Fluorobiphenyl
Concen: 77.551 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 2002009

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.4	18.8	28.2

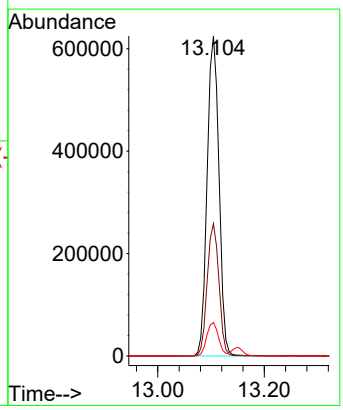


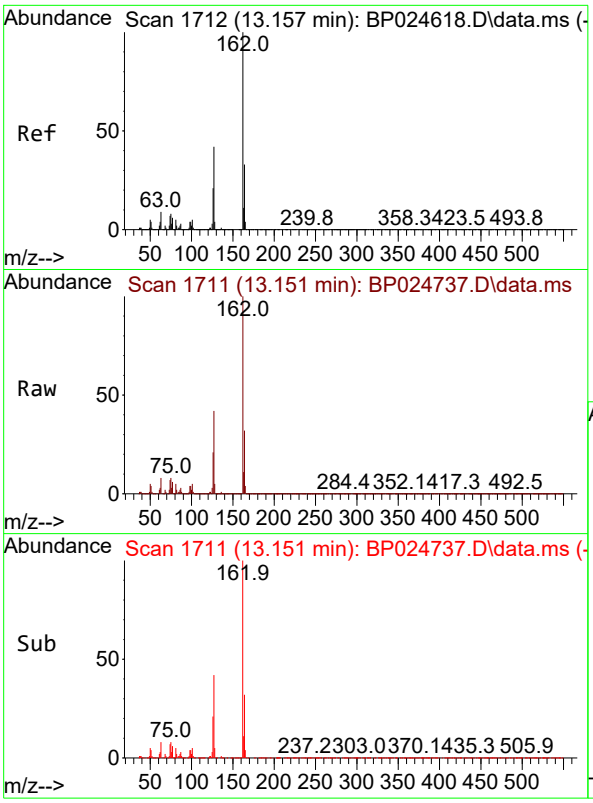


#46
1,1'-Biphenyl
Concen: 38.477 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:154 Resp: 961834

Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.0	61.0
76	10.4	0.0	31.5



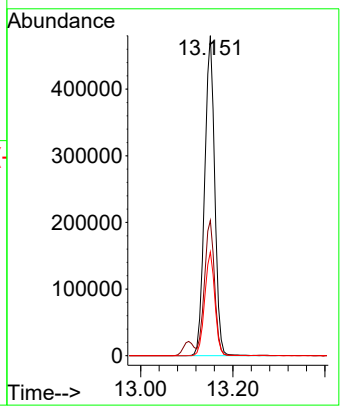


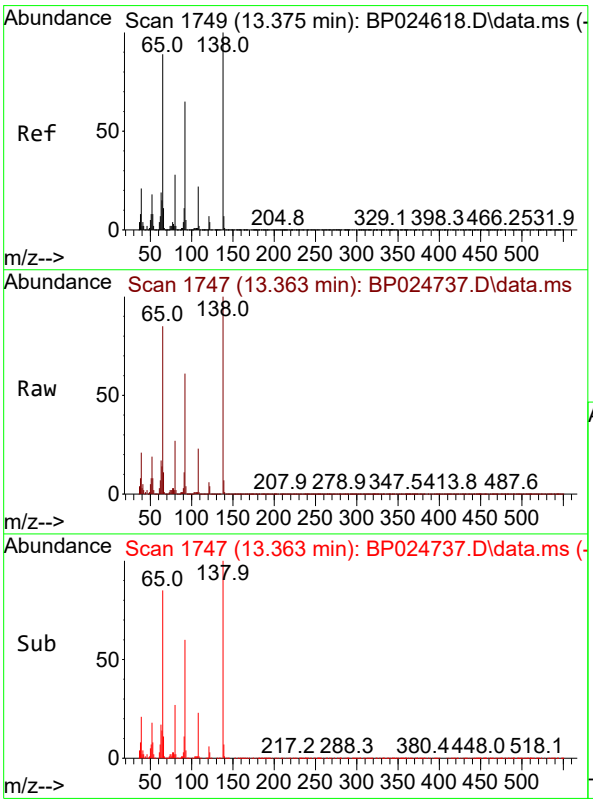
#47
2-Chloronaphthalene
Concen: 38.543 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 734643

Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.8	50.6
164	32.4	26.0	39.0

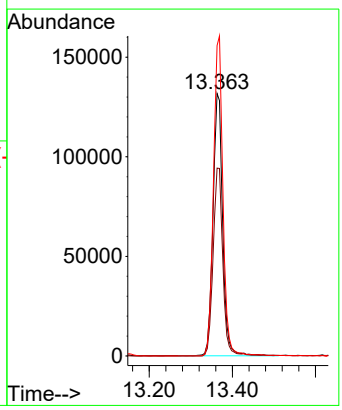


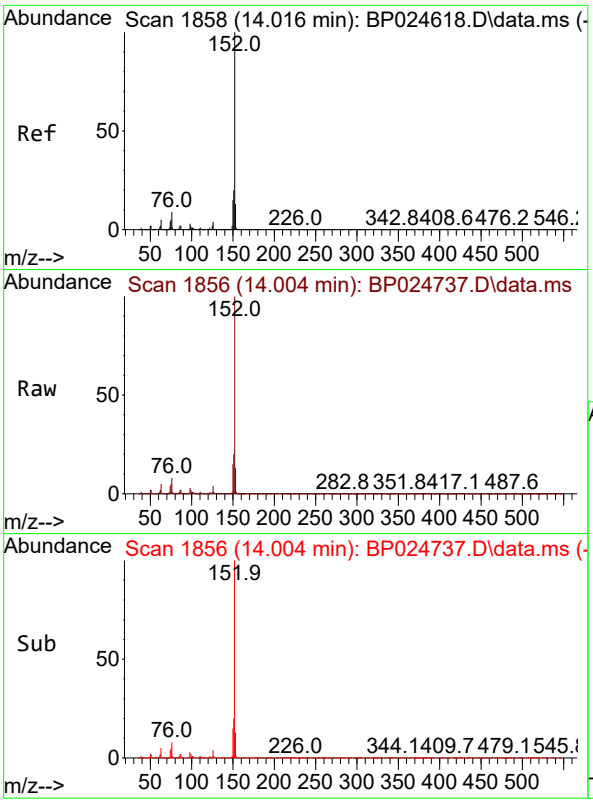


#48
2-Nitroaniline
Concen: 37.787 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion: 65 Resp: 213232

Ion	Ratio	Lower	Upper
65	100		
92	71.6	58.7	88.1
138	118.3	90.2	135.2



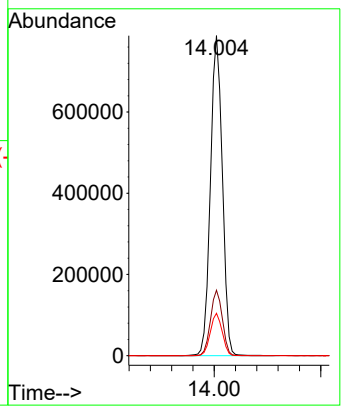


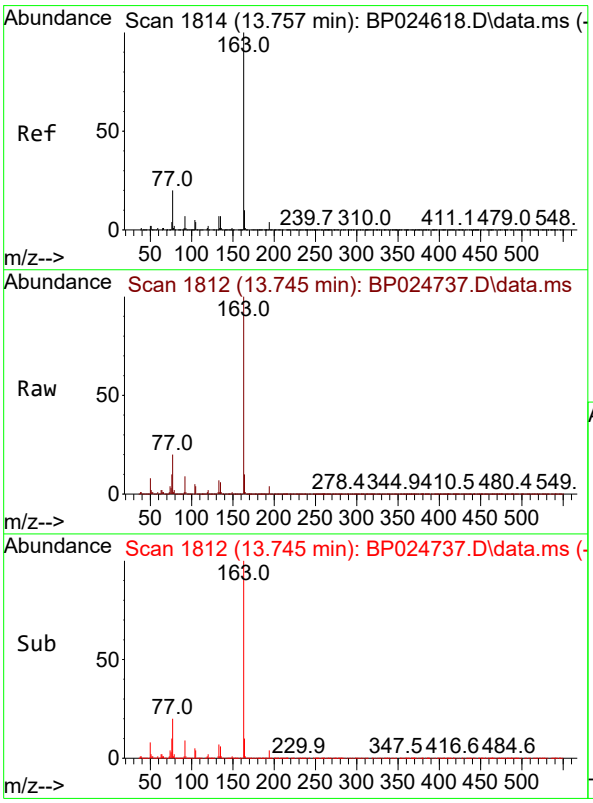
#49
Acenaphthylene
Concen: 38.328 ng
RT: 14.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 1222519

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.3	10.2	15.4

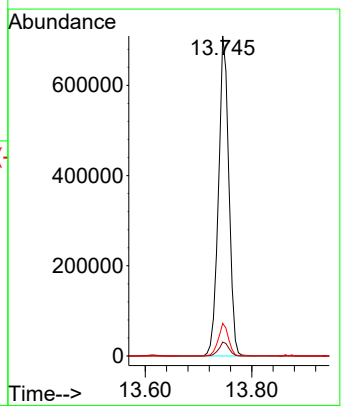


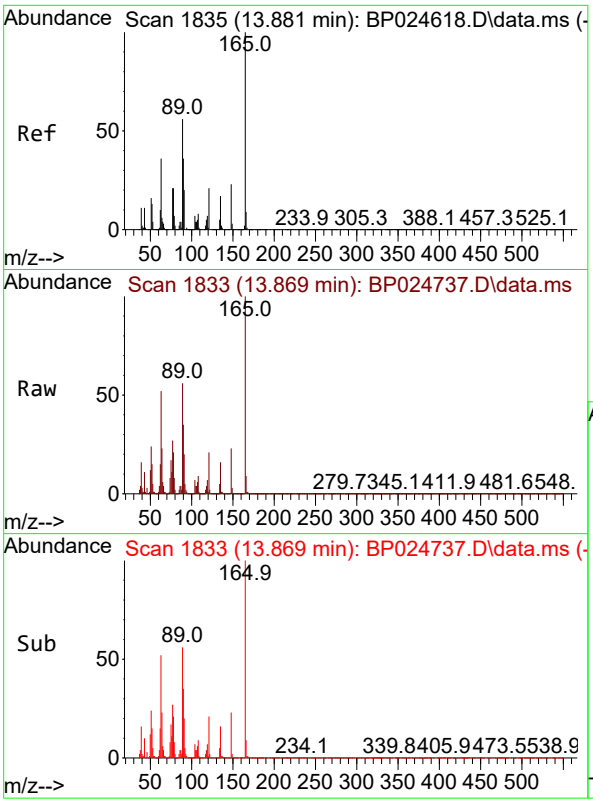


#50
Dimethylphthalate
Concen: 37.296 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:163 Resp: 961442

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.1	12.1



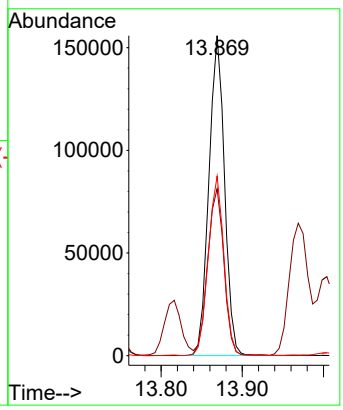


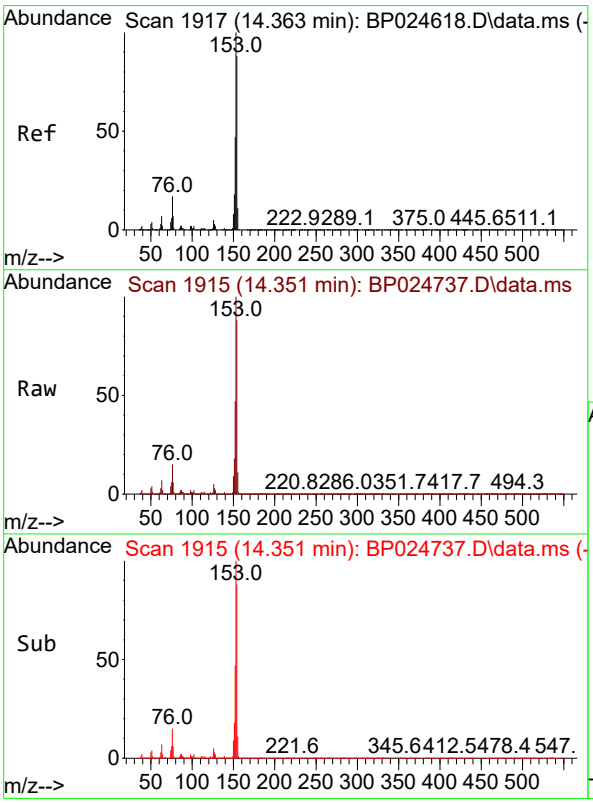
#51
2,6-Dinitrotoluene
Concen: 38.140 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 207647

Ion	Ratio	Lower	Upper
165	100		
63	52.2	42.4	63.6
89	56.1	44.8	67.2

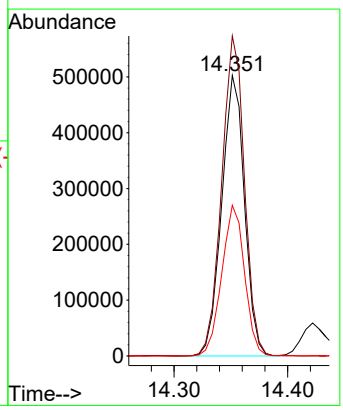


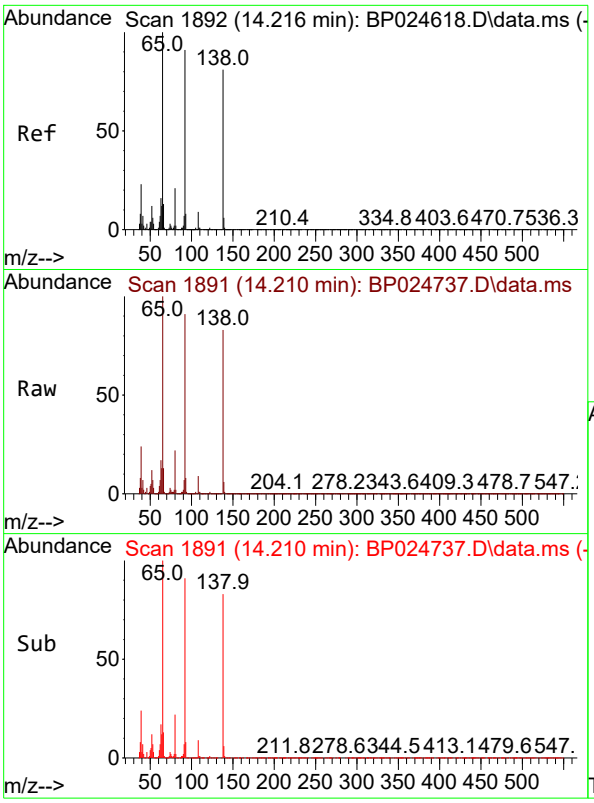


#52
Acenaphthene
Concen: 38.115 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:154 Resp: 698905

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.0	136.4
152	53.7	42.9	64.3



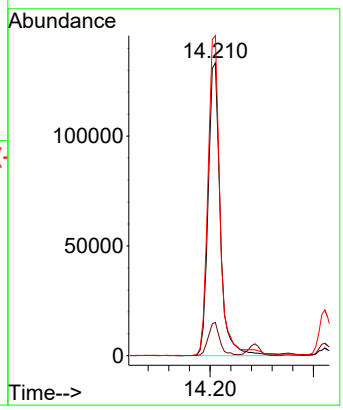


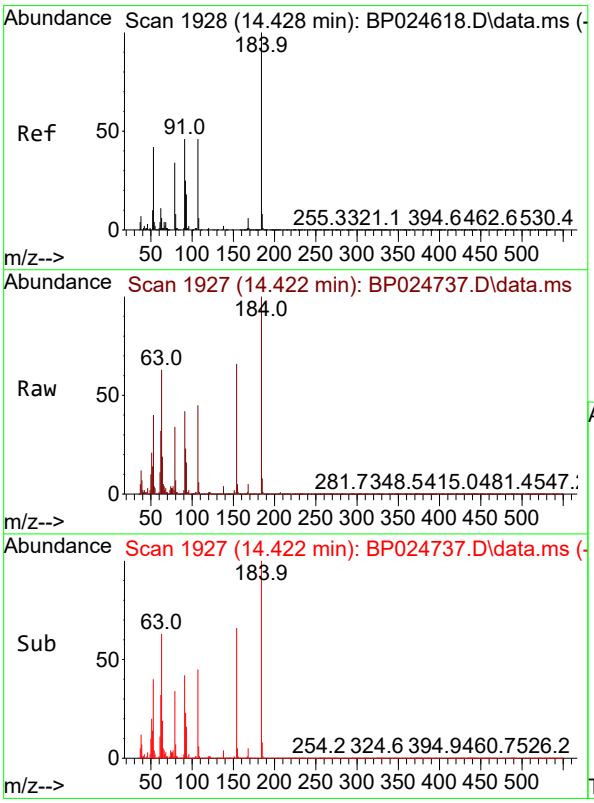
#53
3-Nitroaniline
Concen: 38.988 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 216734

Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	109.3	90.1	135.1

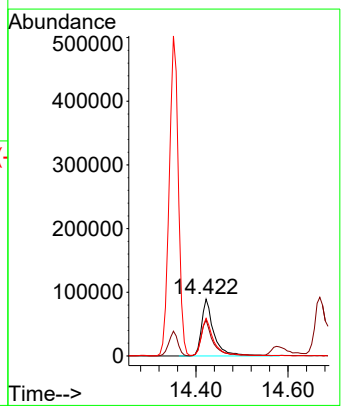


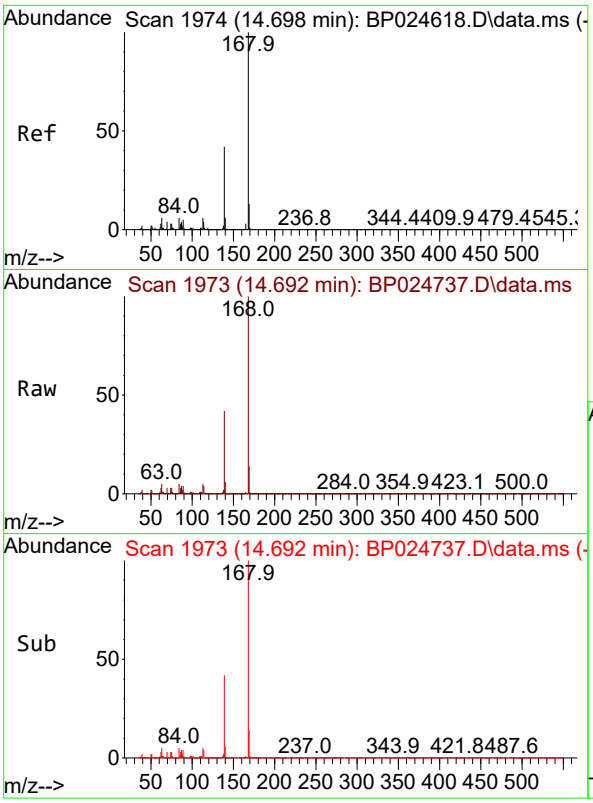


#54
2,4-Dinitrophenol
Concen: 50.613 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:184 Resp: 164987

Ion	Ratio	Lower	Upper
184	100		
63	63.4	51.3	76.9
154	66.1	53.5	80.3



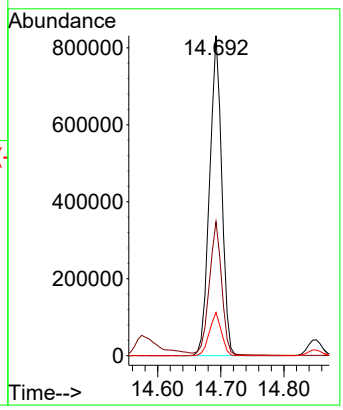


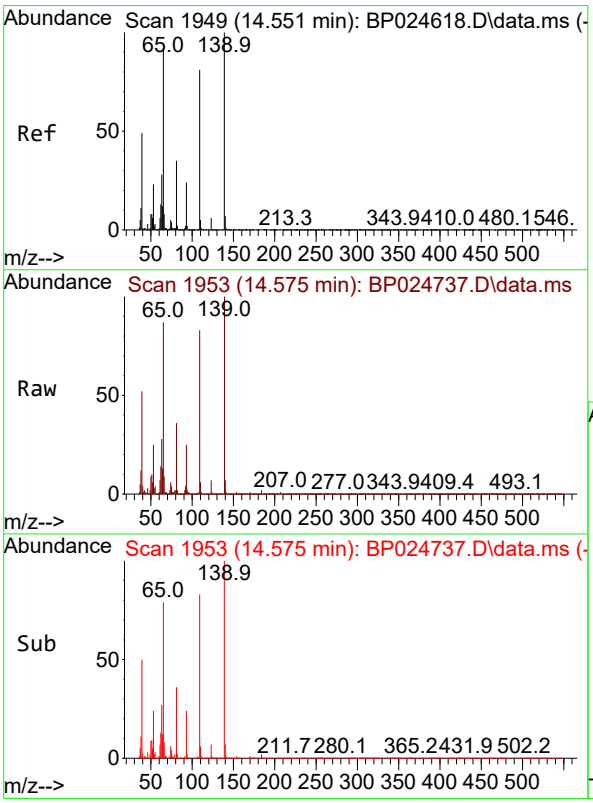
#55
Dibenzofuran
Concen: 38.138 ng
RT: 14.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 1115484

Ion	Ratio	Lower	Upper
168	100		
139	41.9	34.2	51.4
169	13.5	10.8	16.2

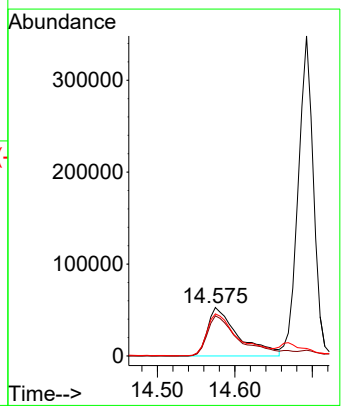


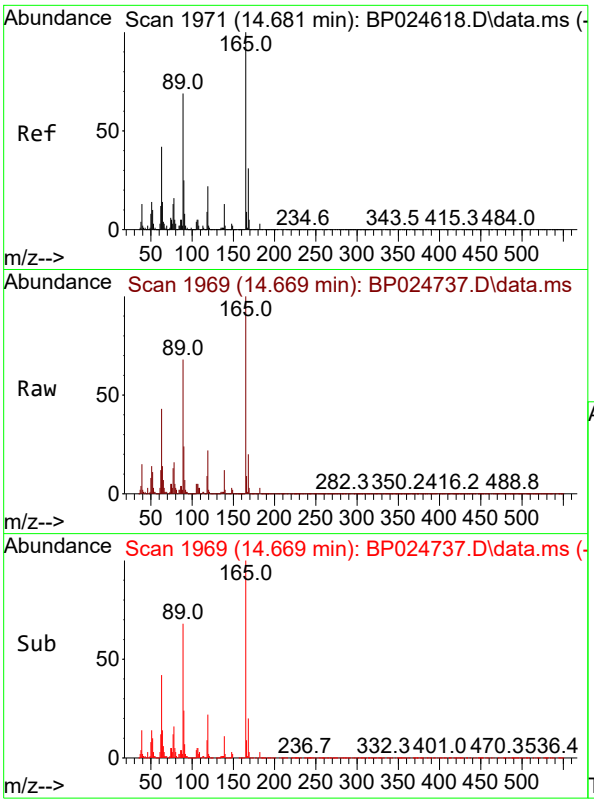


#56
4-Nitrophenol
Concen: 32.722 ng
RT: 14.575 min Scan# 1953
Delta R.T. 0.024 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:139 Resp: 144766

Ion	Ratio	Lower	Upper
139	100		
109	82.9	61.4	101.4
65	86.8	72.2	112.2



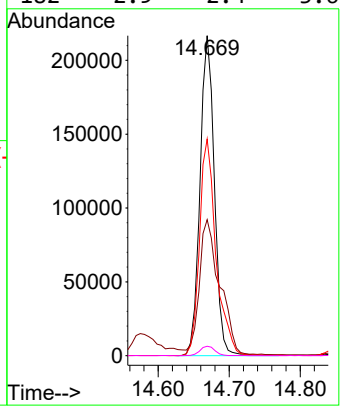


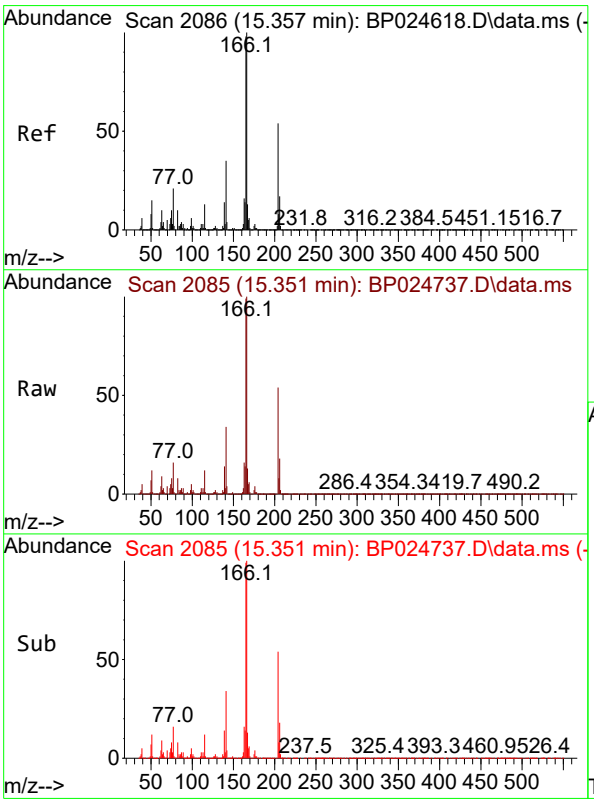
#57
2,4-Dinitrotoluene
Concen: 39.845 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 305830

Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.8	50.6
89	67.7	55.6	83.4
182	2.9	2.4	3.6

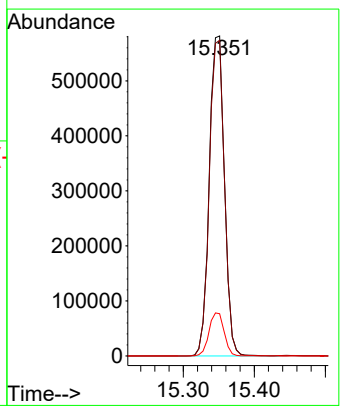


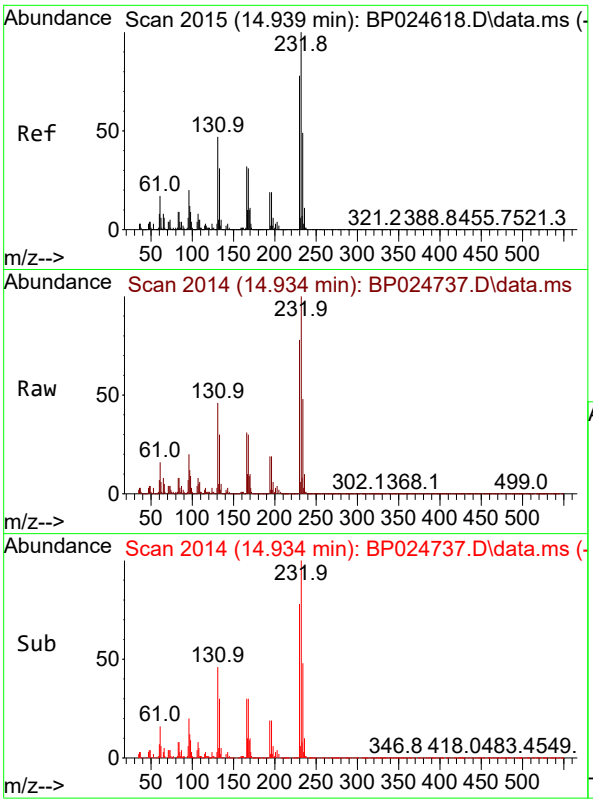


#58
Fluorene
Concen: 36.044 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:166 Resp: 859607

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	13.2	10.7	16.1



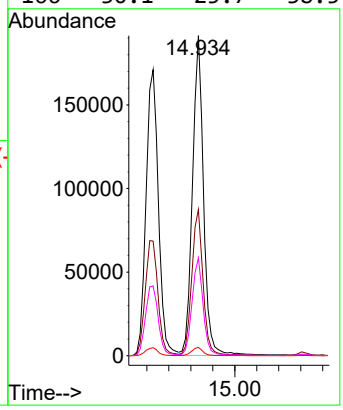


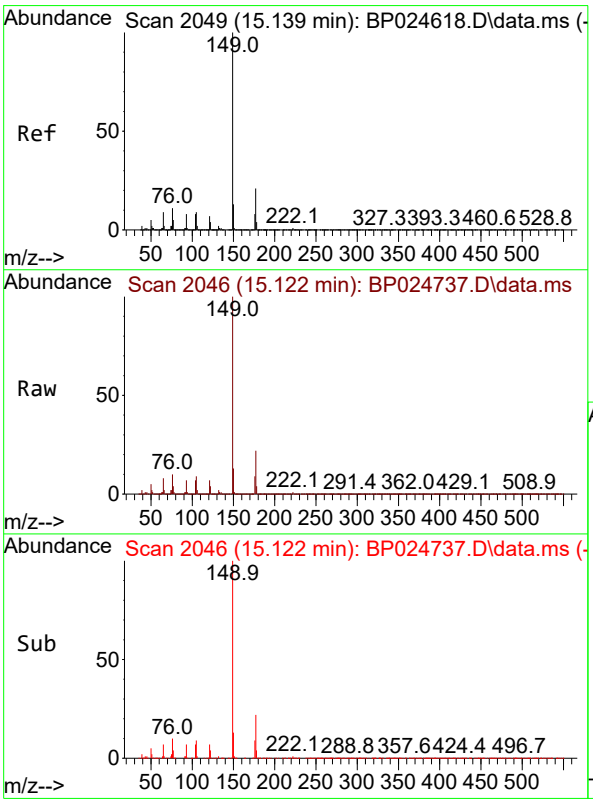
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.541 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 266302

Ion	Ratio	Lower	Upper
232	100		
131	46.3	39.5	59.3
130	2.8	2.2	3.4
166	30.1	25.7	38.5

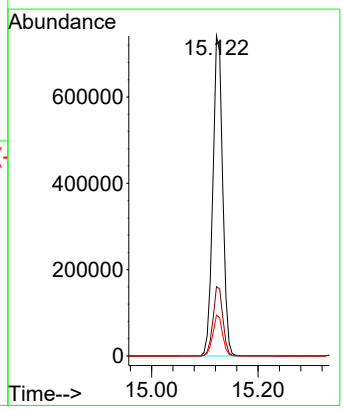


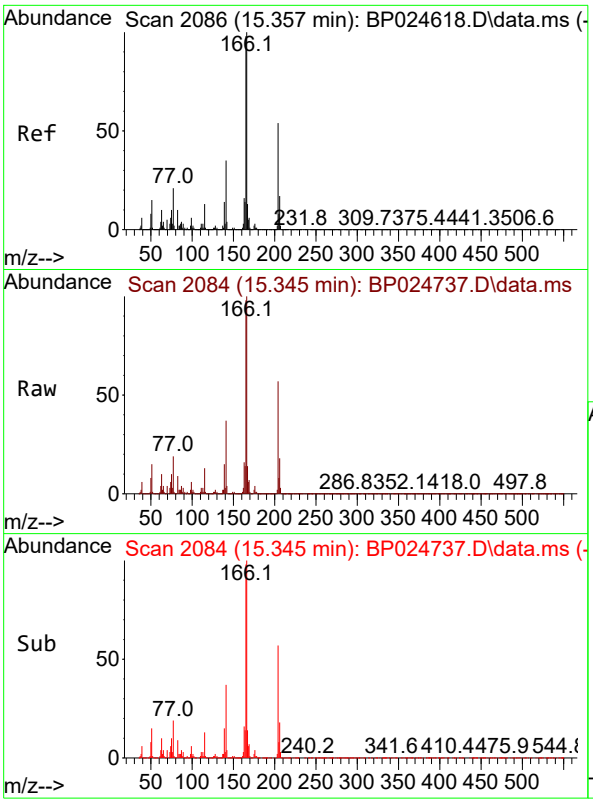


#60
Diethylphthalate
Concen: 36.519 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:149 Resp: 951493

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.8	10.2	15.2



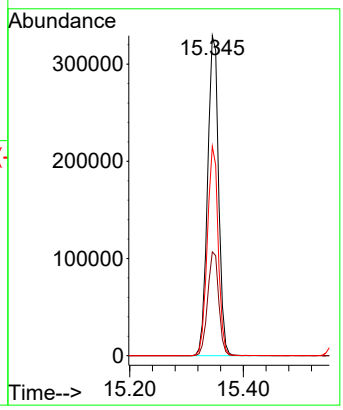


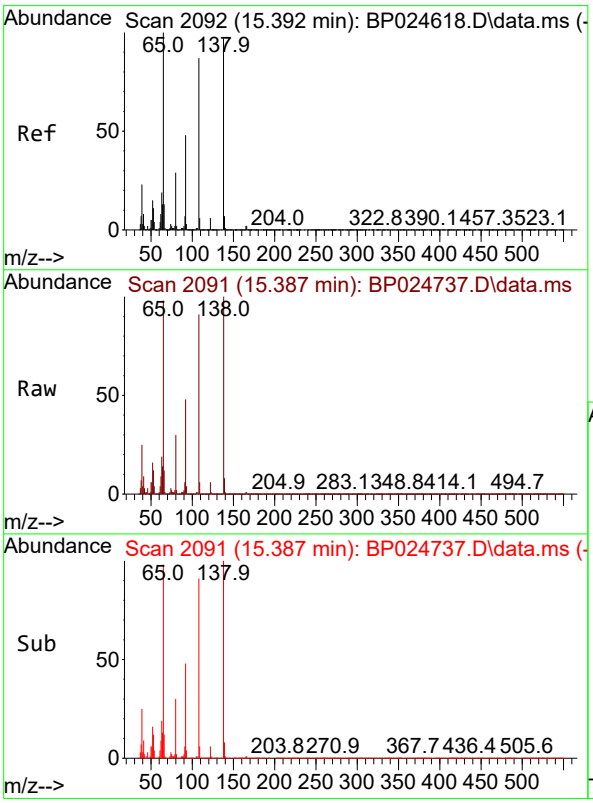
#61
4-Chlorophenyl-phenylether
Concen: 36.981 ng
RT: 15.345 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 439835

Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.0	39.0
141	65.5	52.9	79.3

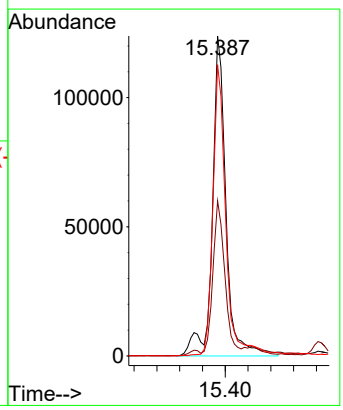


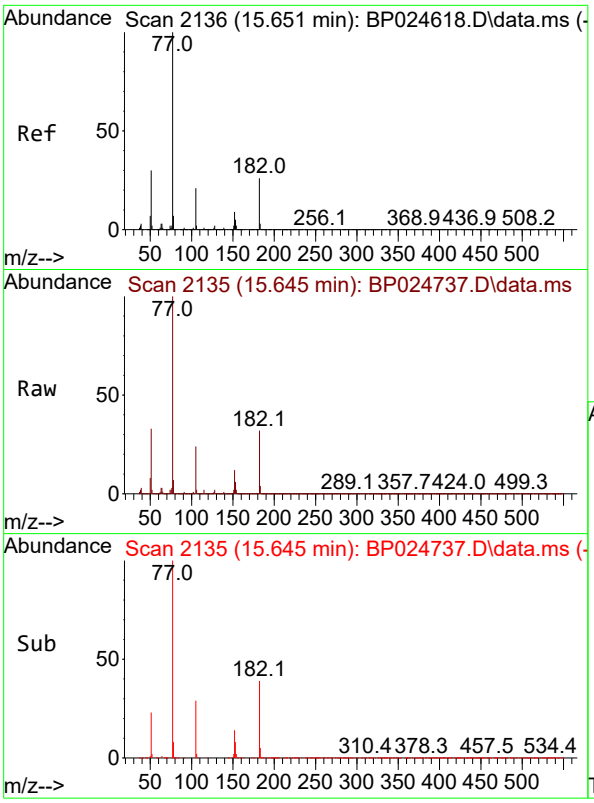


#62
4-Nitroaniline
Concen: 38.320 ng m
RT: 15.387 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:138 Resp: 205688

Ion	Ratio	Lower	Upper
138	100		
92	48.5	29.2	69.2
108	91.0	69.0	109.0



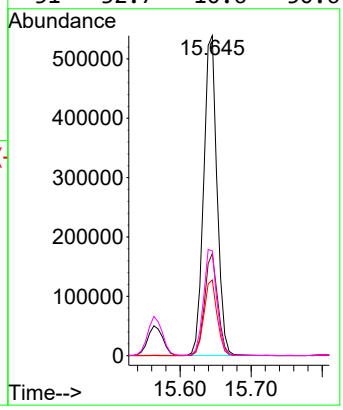


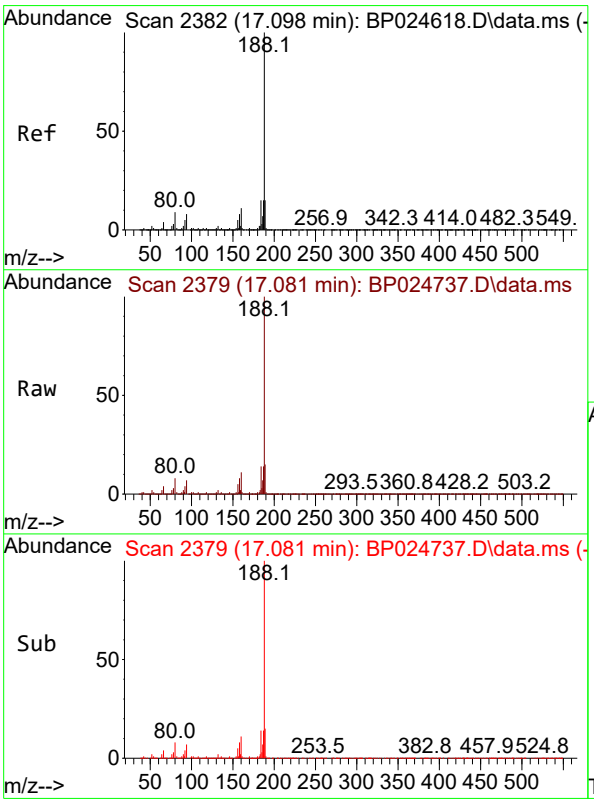
#63
Azobenzene
Concen: 31.663 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 705740

Ion	Ratio	Lower	Upper
77	100		
182	32.0	5.7	45.7
105	23.7	1.3	41.3
51	32.7	10.6	50.6

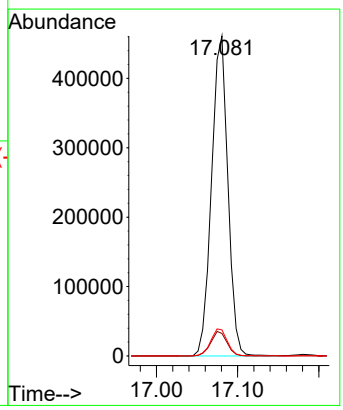


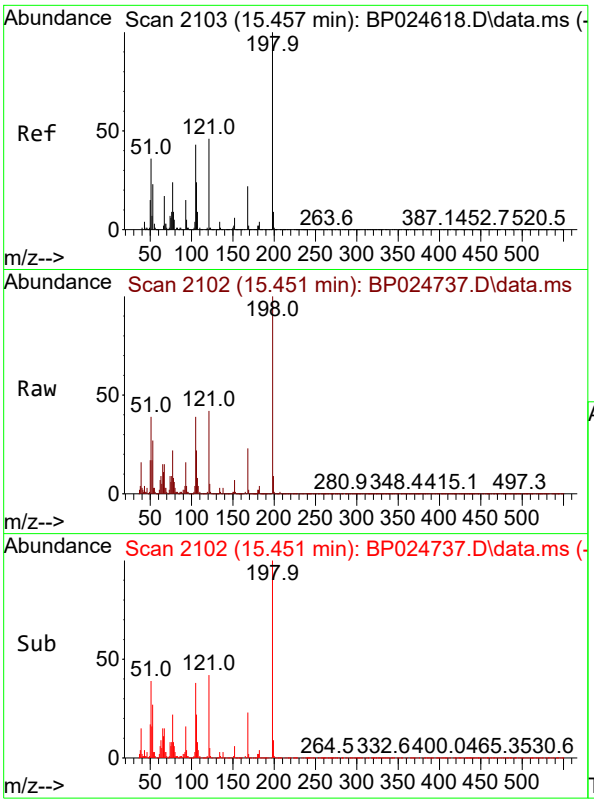


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.081 min Scan# 2379
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:188 Resp: 643332

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.5	9.7
80	8.2	7.3	10.9



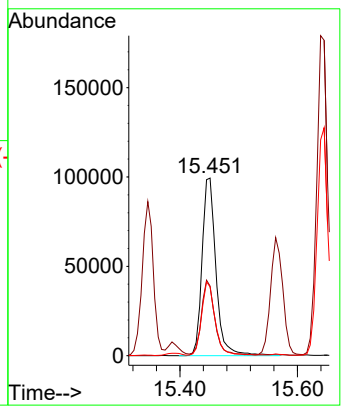


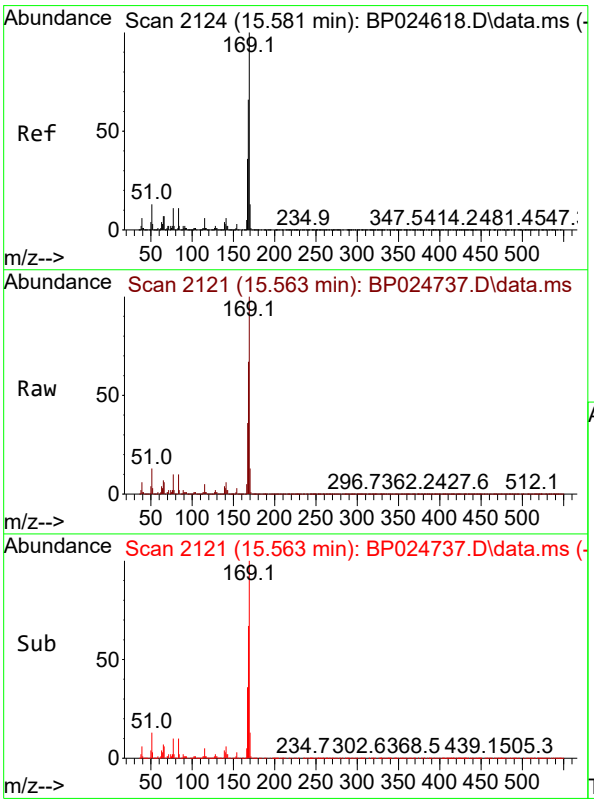
#65
4,6-Dinitro-2-methylphenol
Concen: 39.283 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 163240

Ion	Ratio	Lower	Upper
198	100		
51	39.2	21.1	61.1
105	38.7	23.6	63.6

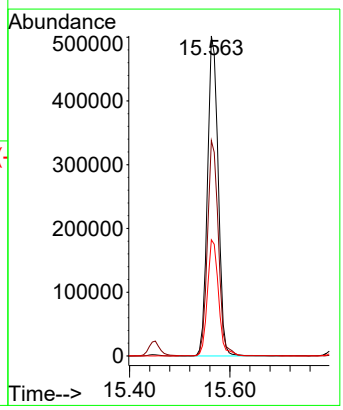


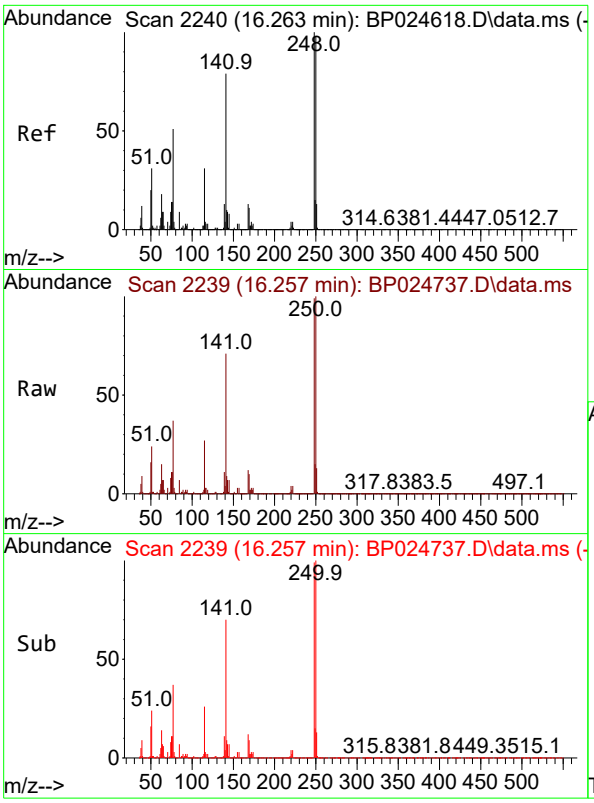


#66
n-Nitrosodiphenylamine
Concen: 37.705 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:169 Resp: 745065

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.3	28.6	43.0



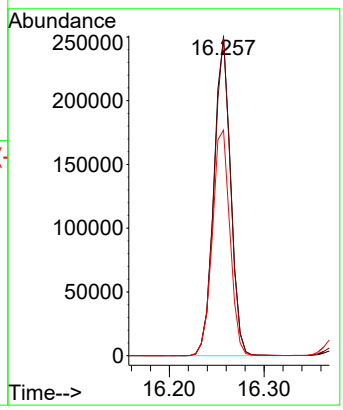


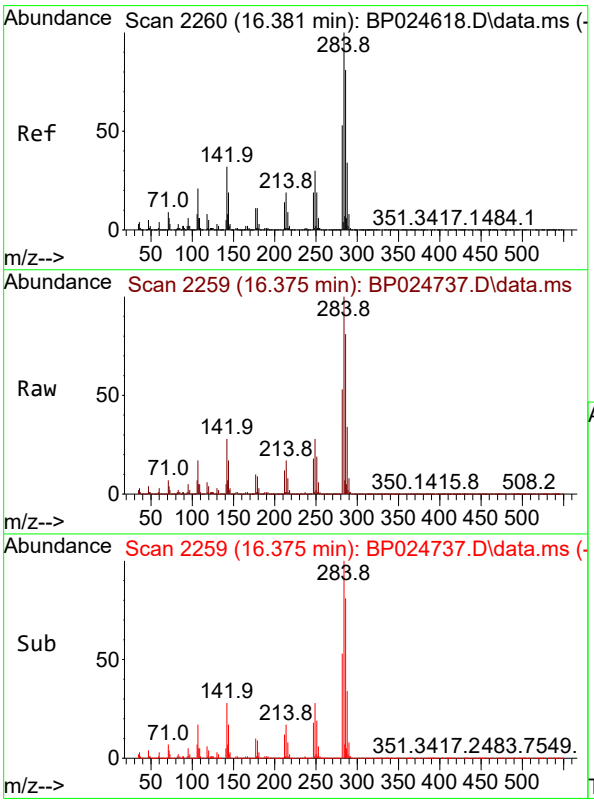
#67
4-Bromophenyl-phenylether
Concen: 40.582 ng
RT: 16.257 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 307639

Ion	Ratio	Lower	Upper
248	100		
250	100.7	78.2	117.4
141	71.0	63.0	94.6

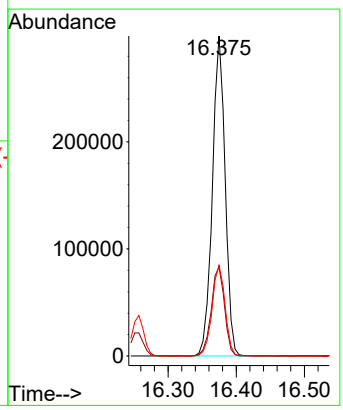


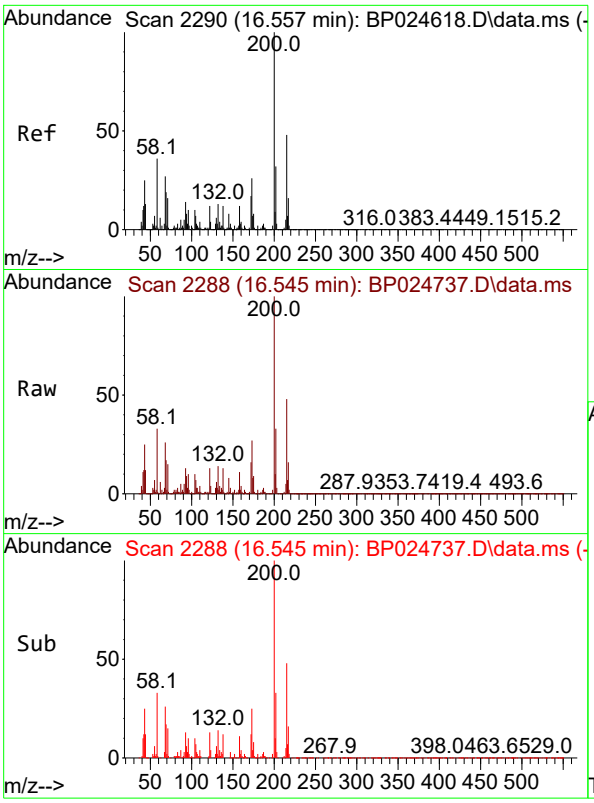


#68
Hexachlorobenzene
Concen: 40.450 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:284 Resp: 389640

Ion	Ratio	Lower	Upper
284	100		
142	27.8	25.9	38.9
249	28.4	24.1	36.1



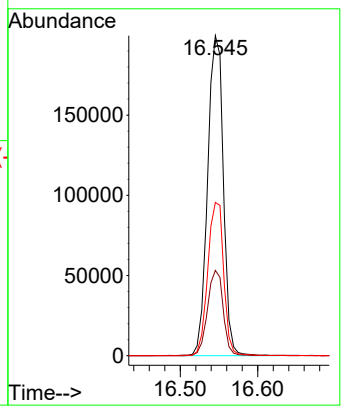


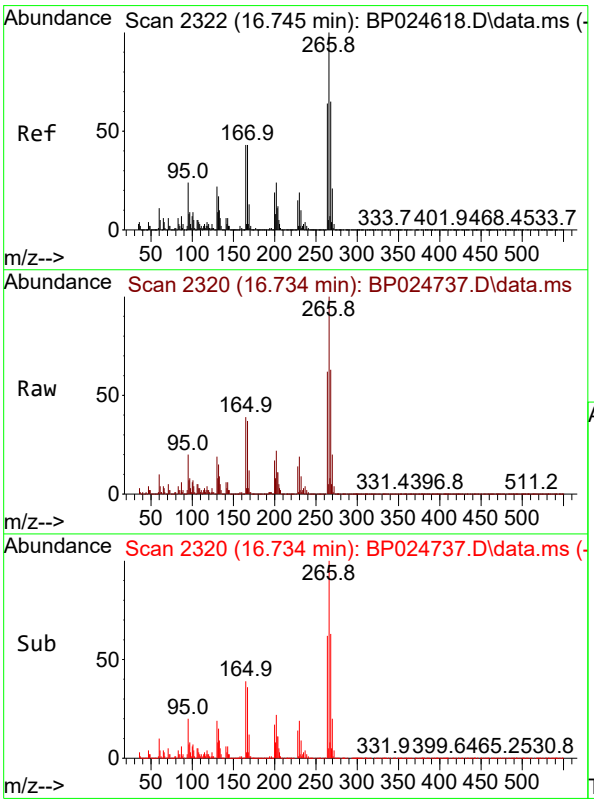
#69
Atrazine
Concen: 38.885 ng
RT: 16.545 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 281596

Ion	Ratio	Lower	Upper
200	100		
173	26.6	5.9	45.9
215	47.9	28.3	68.3

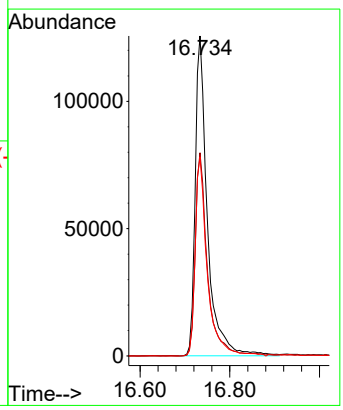


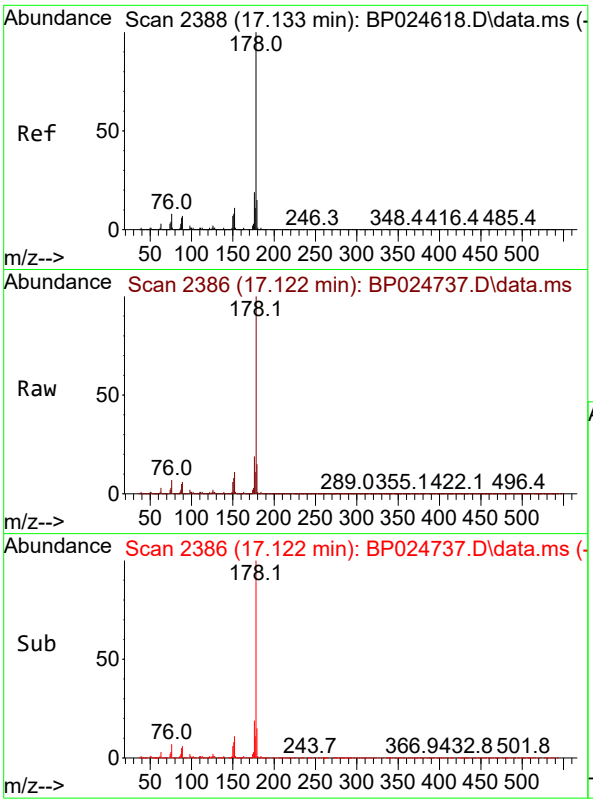


#70
Pentachlorophenol
Concen: 43.761 ng
RT: 16.734 min Scan# 2320
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:266 Resp: 236626

Ion	Ratio	Lower	Upper
266	100		
268	63.5	52.2	78.4
264	62.2	51.1	76.7



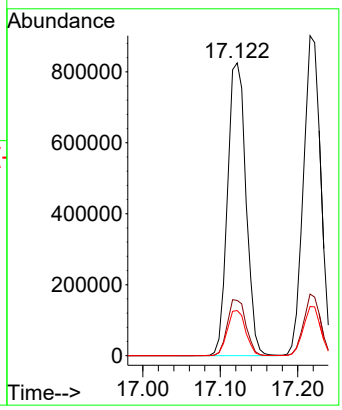


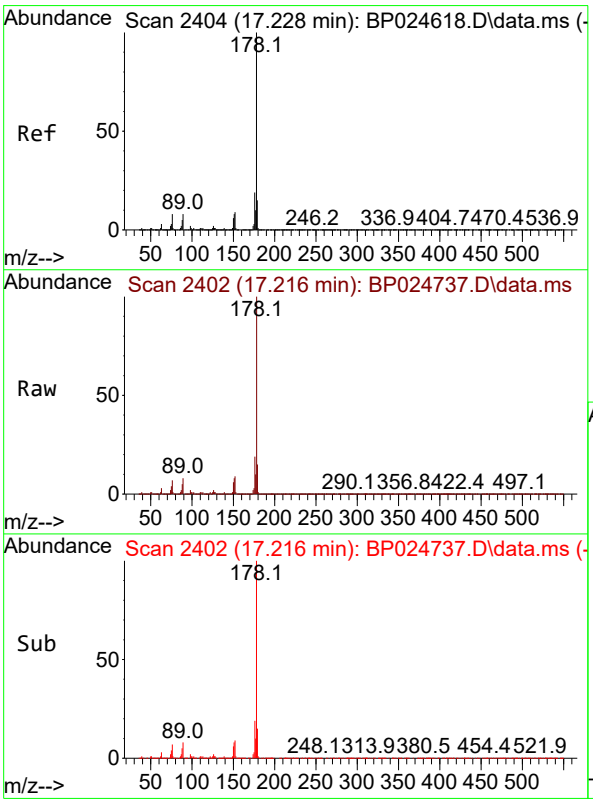
#71
Phenanthrene
Concen: 38.250 ng
RT: 17.122 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1367949

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.2	18.4

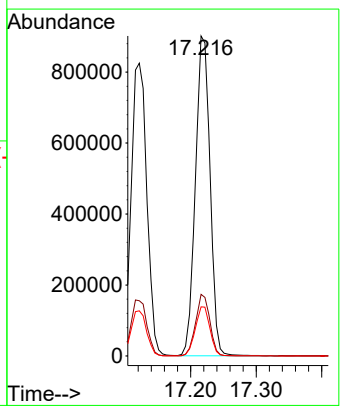


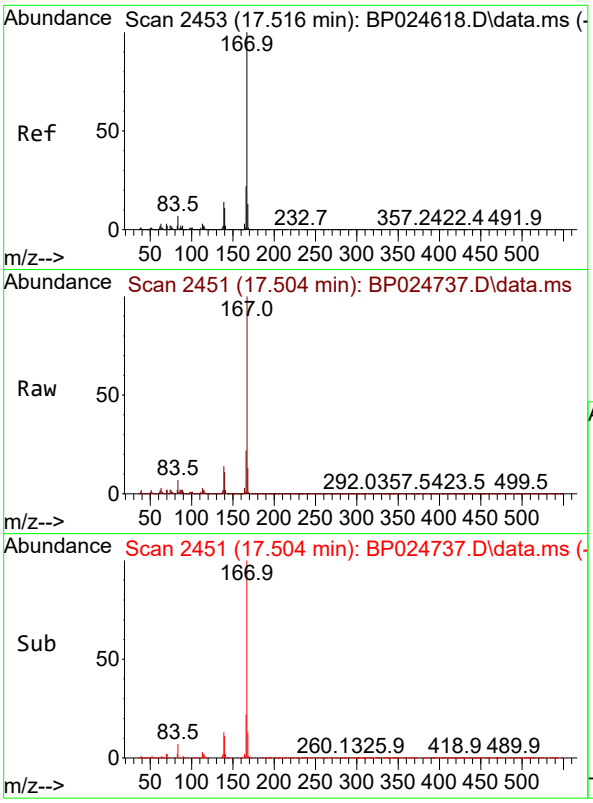


#72
Anthracene
Concen: 38.990 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:178 Resp: 1402936

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.4	12.2	18.2



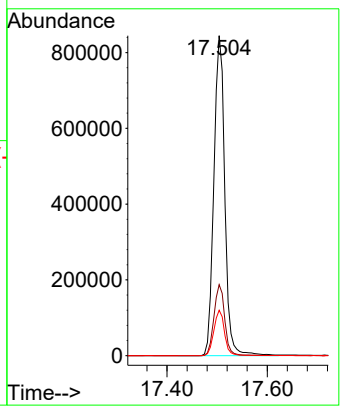


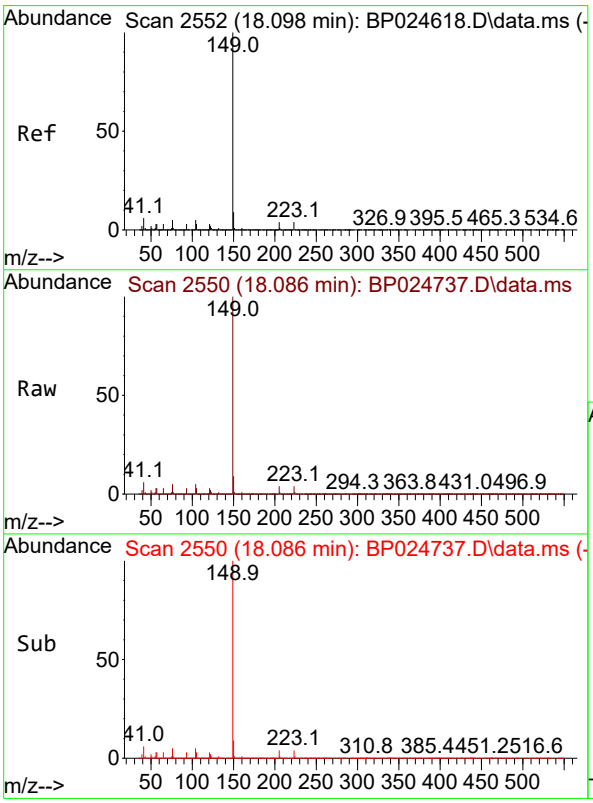
#73
Carbazole
Concen: 39.110 ng
RT: 17.504 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1273717

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.7	26.5
139	14.2	11.3	16.9

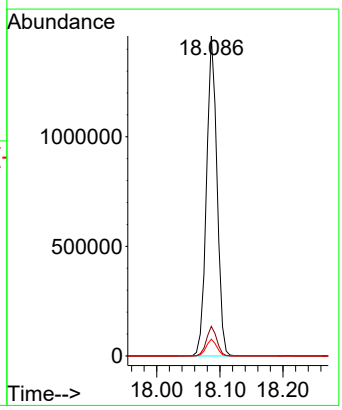


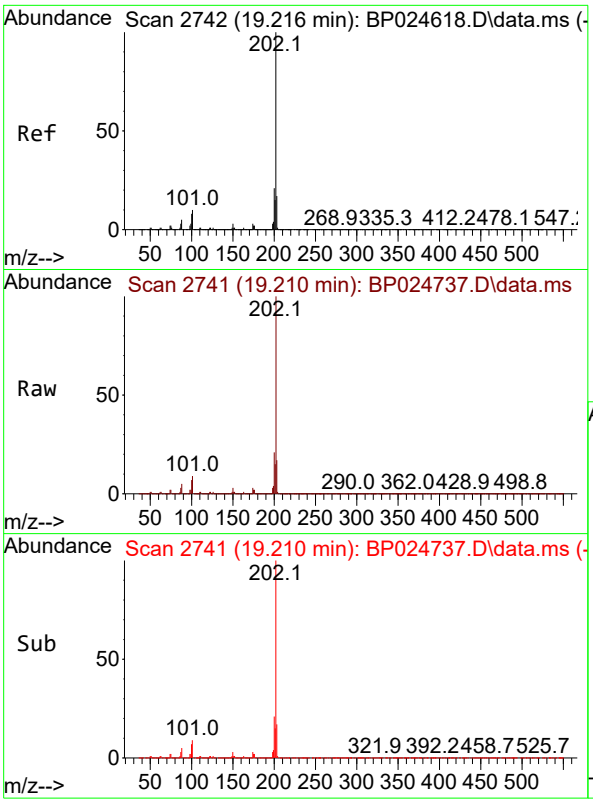


#74
Di-n-butylphthalate
Concen: 40.201 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:149 Resp: 1683824

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.2	4.3	6.5



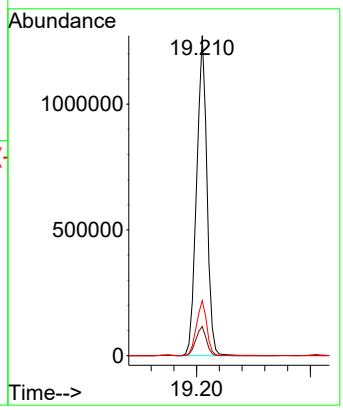


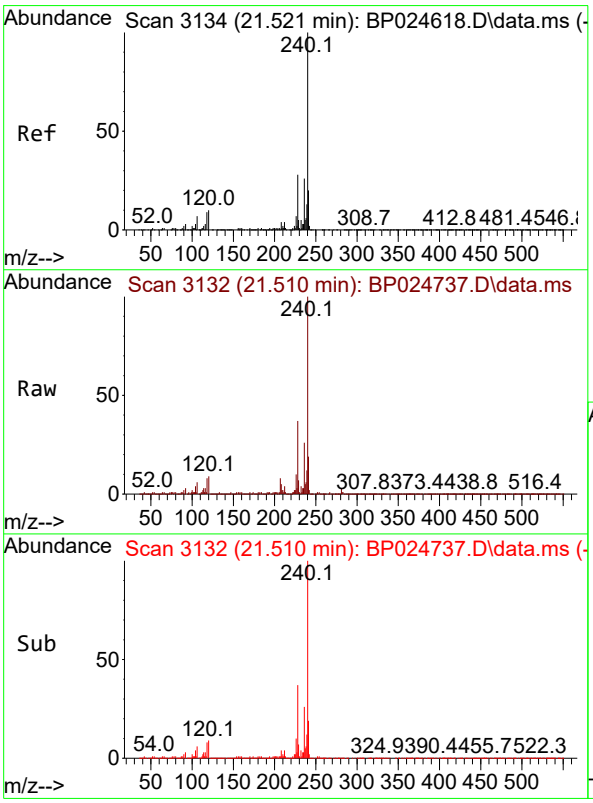
#75
Fluoranthene
Concen: 38.522 ng
RT: 19.210 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1610436

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
203	17.2	0.0	37.5

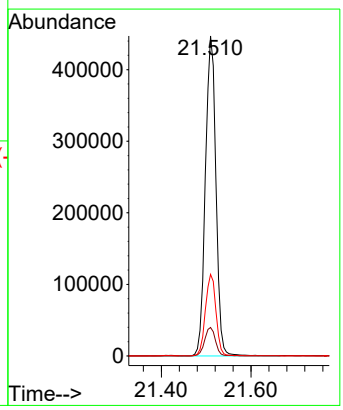


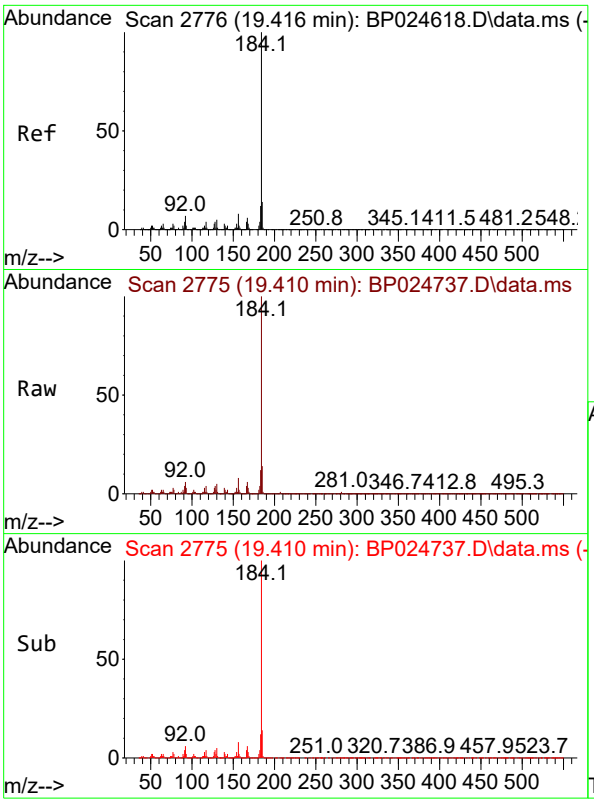


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:240 Resp: 728456

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.8	11.6
236	25.5	20.6	31.0



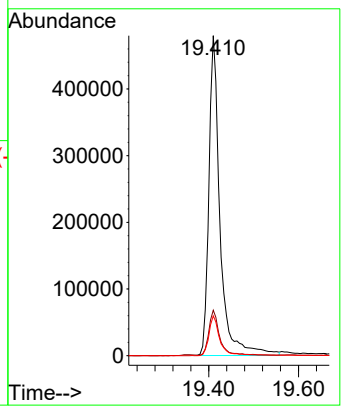


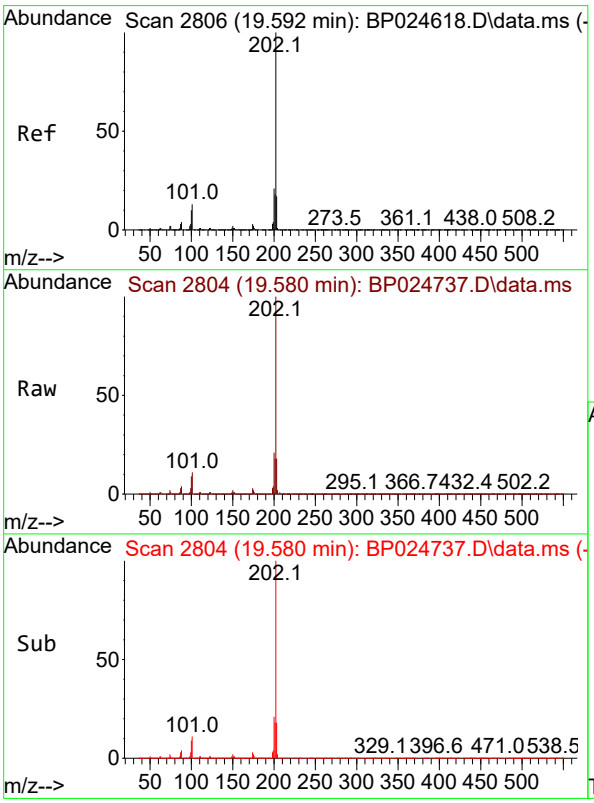
#77
Benzidine
Concen: 41.862 ng
RT: 19.410 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 830549

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.4	9.8	14.8

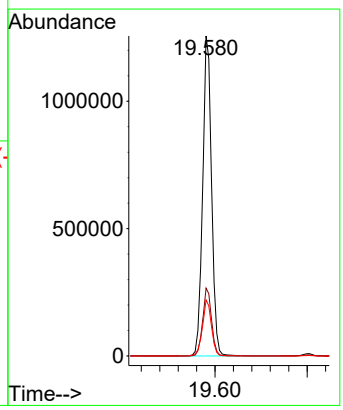


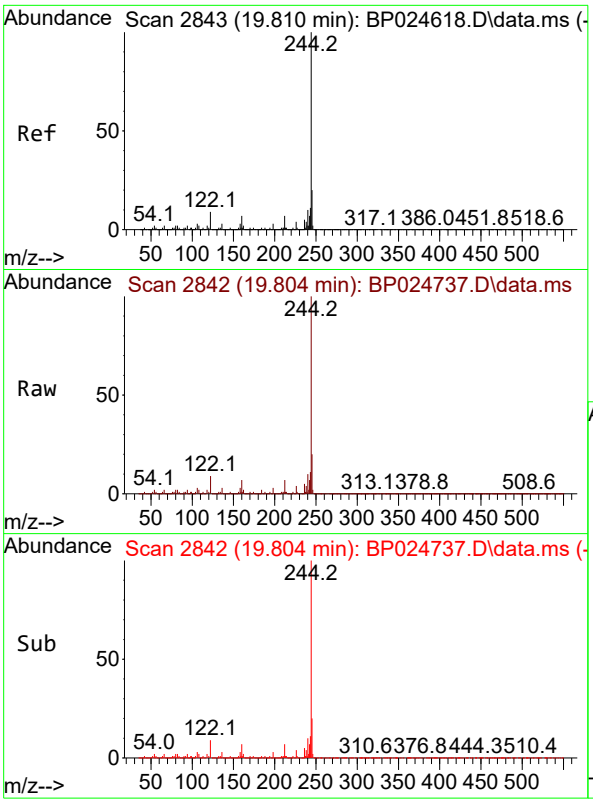


#78
Pyrene
Concen: 38.849 ng
RT: 19.580 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:202 Resp: 1695680

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.5	13.9	20.9



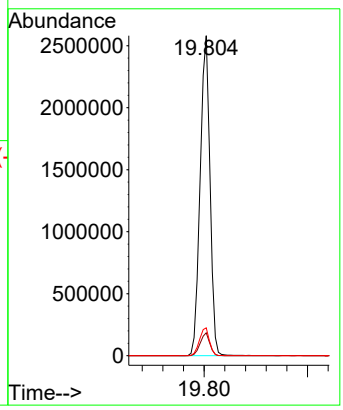


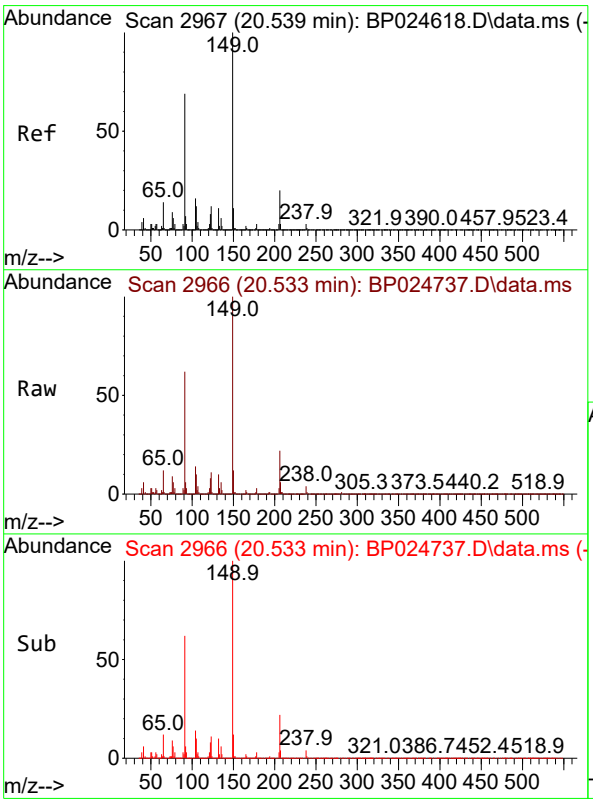
#79
Terphenyl-d14
Concen: 80.240 ng
RT: 19.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 3408868

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	8.7	7.4	11.0

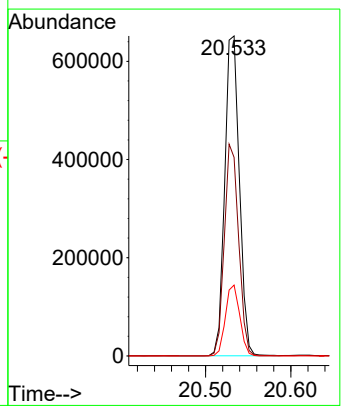


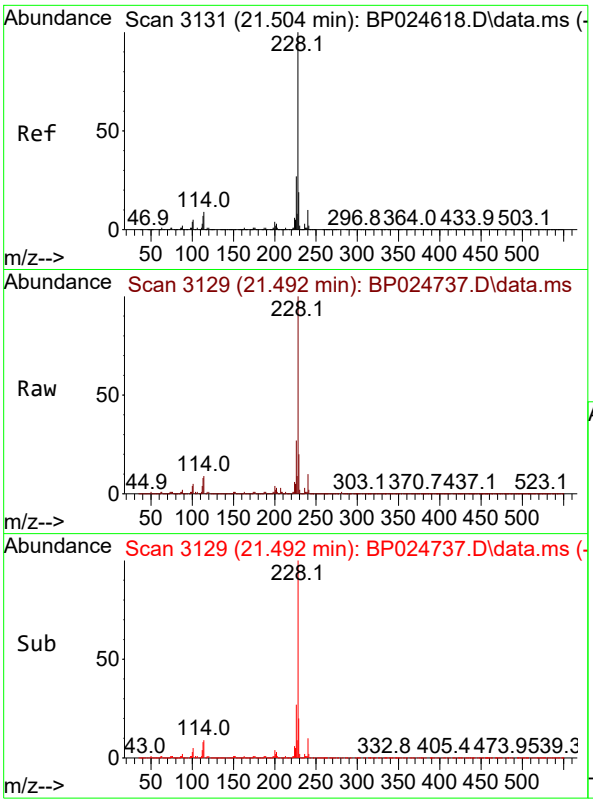


#80
Butylbenzylphthalate
Concen: 39.968 ng
RT: 20.533 min Scan# 2966
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:149 Resp: 775853

Ion	Ratio	Lower	Upper
149	100		
91	62.1	55.4	83.0
206	22.2	16.2	24.2



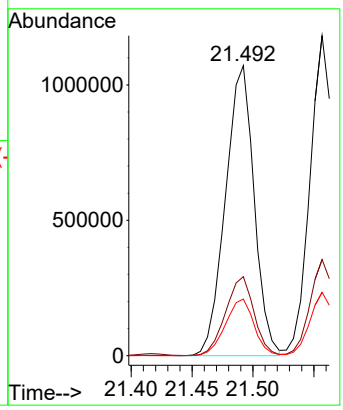


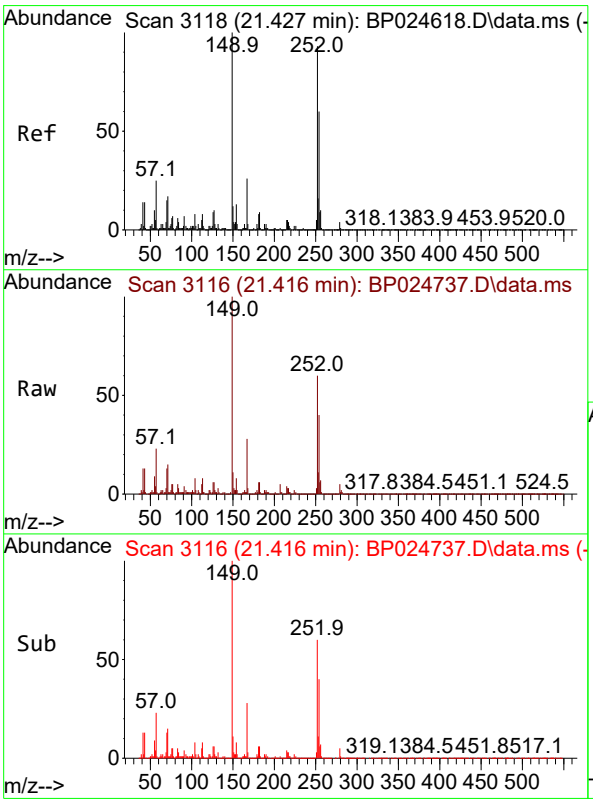
#81
Benzo(a)anthracene
Concen: 38.340 ng
RT: 21.492 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1753708

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.0
229	19.5	15.5	23.3

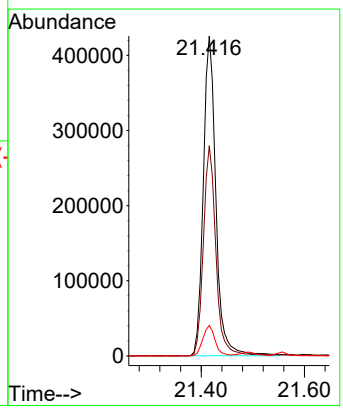


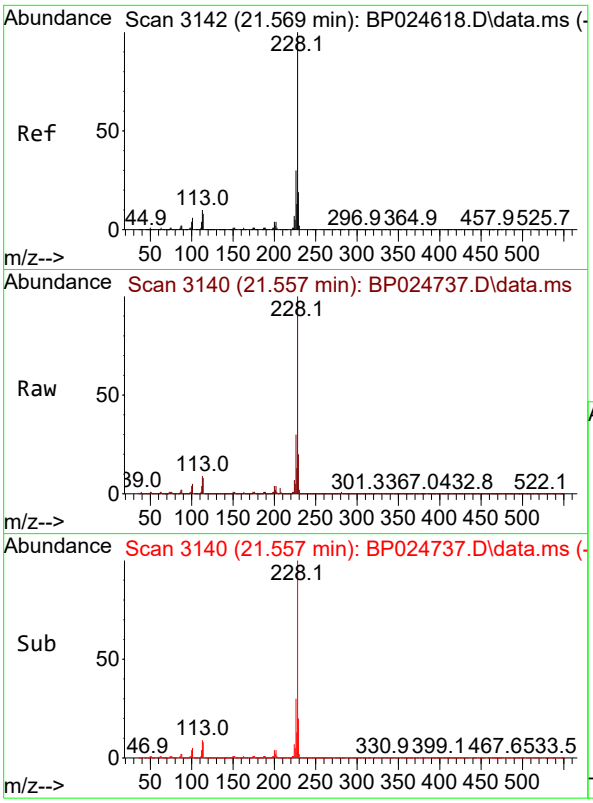


#82
3,3'-Dichlorobenzidine
Concen: 42.484 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:252 Resp: 721764

Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.8	77.6
126	9.5	7.7	11.5



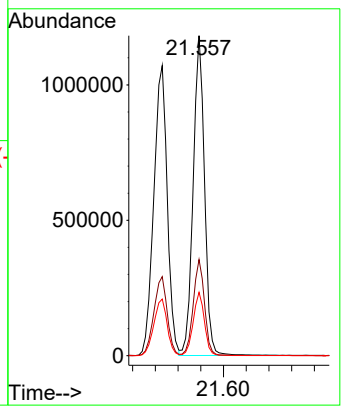


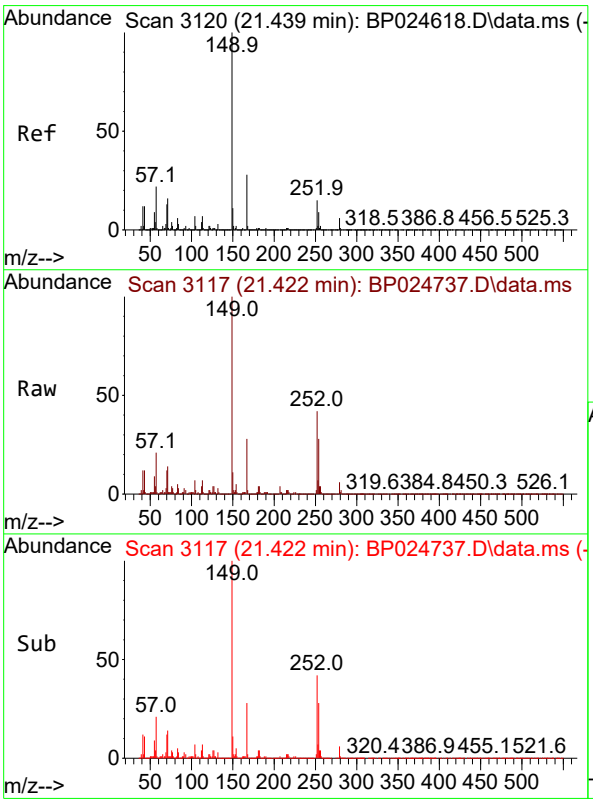
#83
Chrysene
Concen: 38.035 ng
RT: 21.557 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1649202

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.8	15.5	23.3

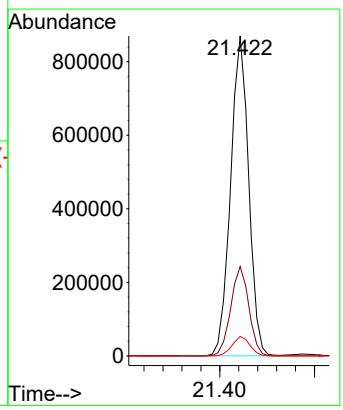


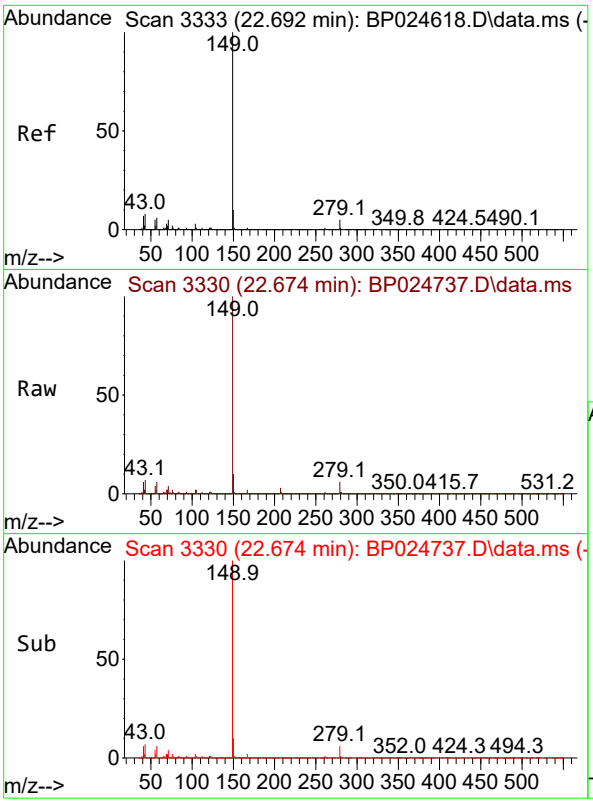


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.410 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:149 Resp: 1152986

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	6.1	4.6	6.8



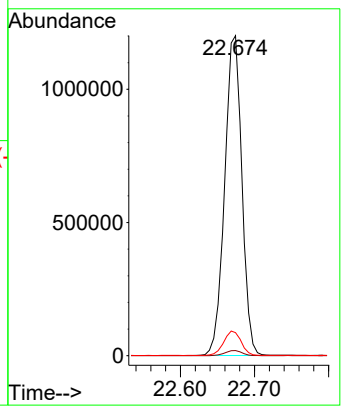


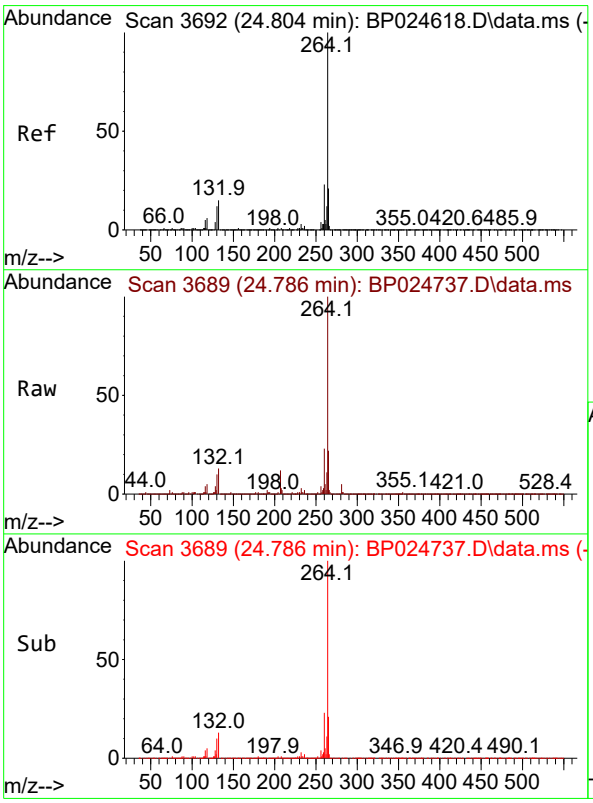
#85
Di-n-octyl phthalate
Concen: 41.455 ng
RT: 22.674 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1934196

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.8	6.3	9.5

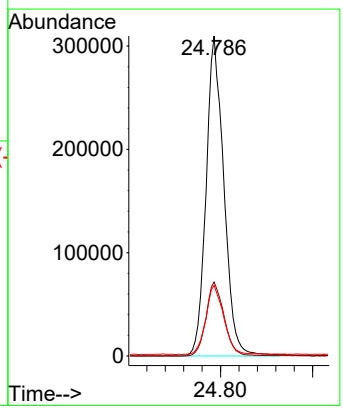


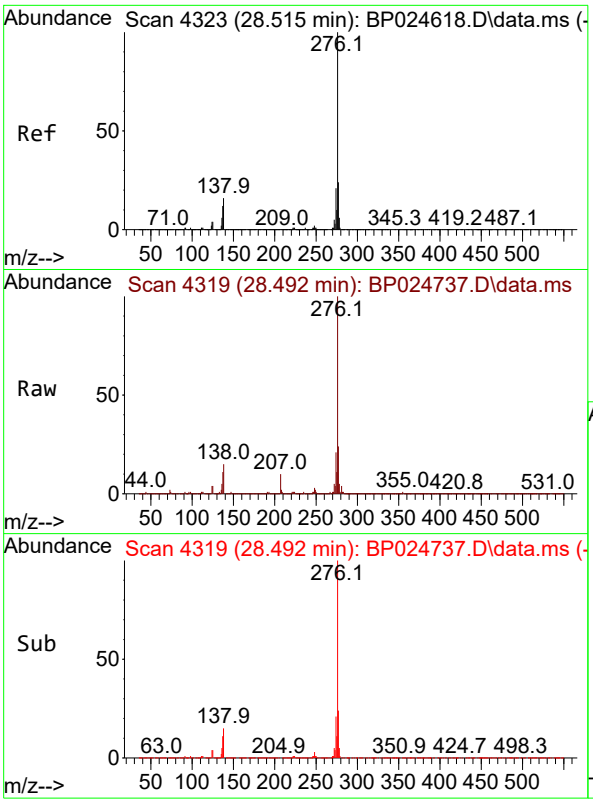


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:264 Resp: 831576

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	17.0	25.6



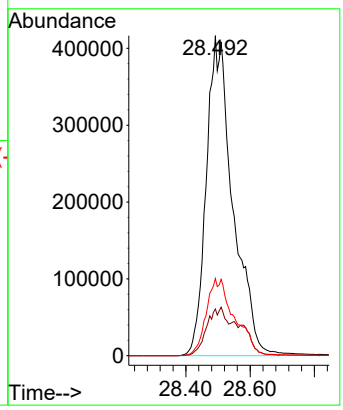


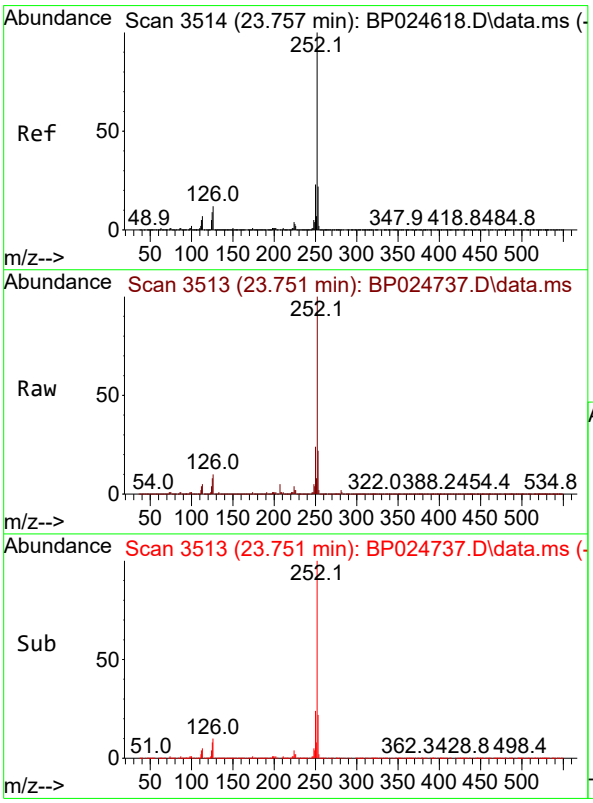
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.353 ng m
RT: 28.492 min Scan# 4
Delta R.T. -0.024 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2389128

Ion	Ratio	Lower	Upper
276	100		
138	6.5	11.2	16.8#
277	10.5	15.7	23.5#

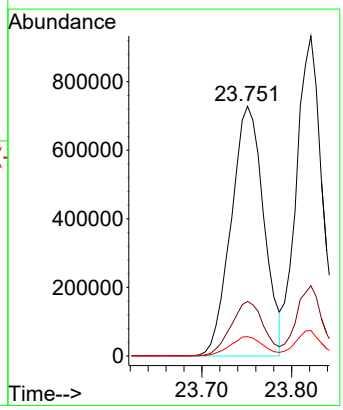


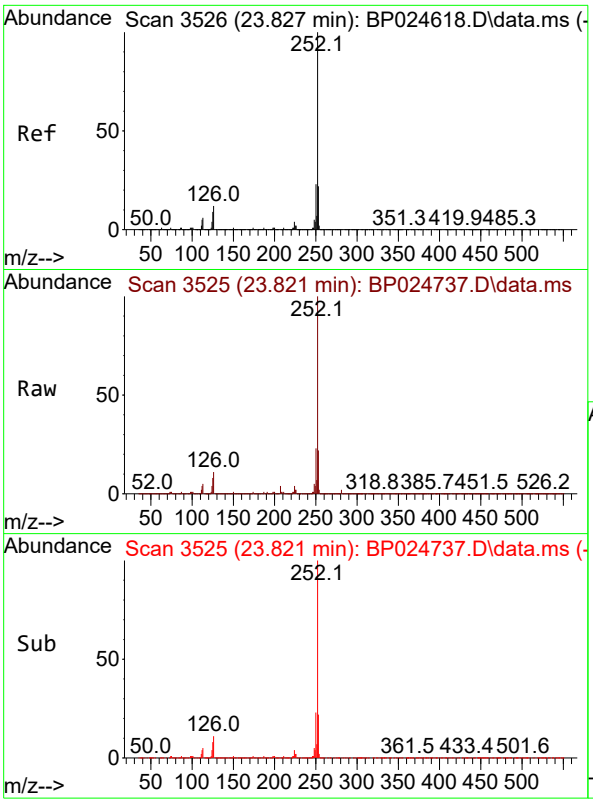


#88
Benzo(b)fluoranthene
Concen: 38.701 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:252 Resp: 1842112

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	7.8	7.5	11.3



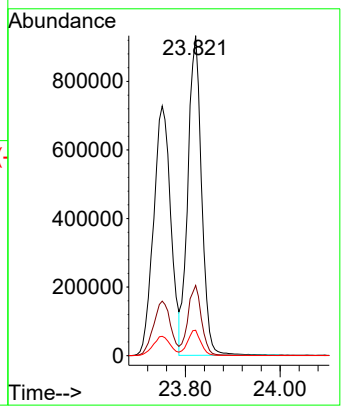


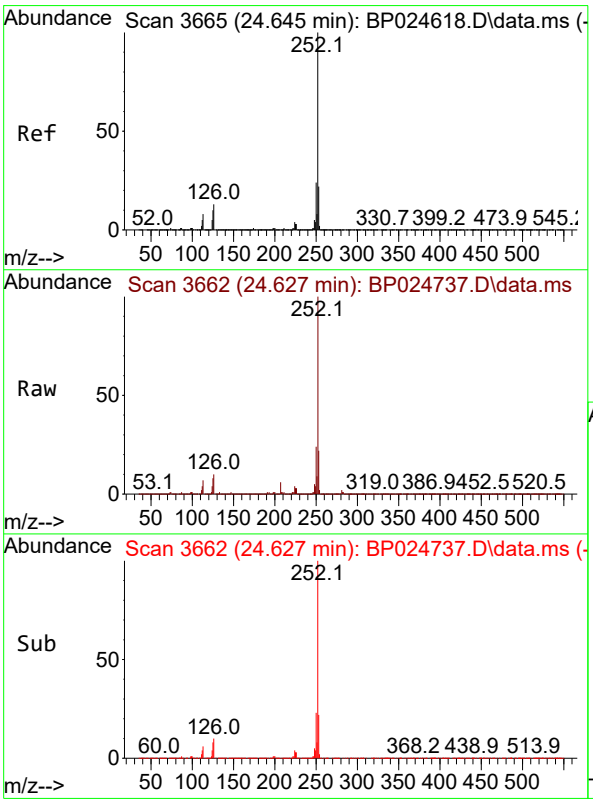
#89
Benzo(k)fluoranthene
Concen: 38.060 ng
RT: 23.821 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1866702

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	7.9	7.0	10.4

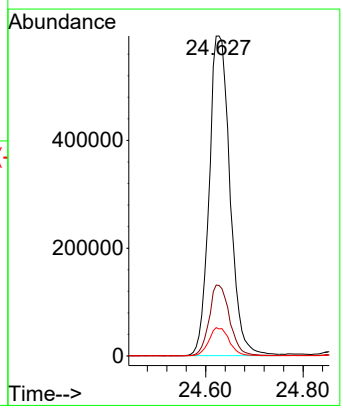


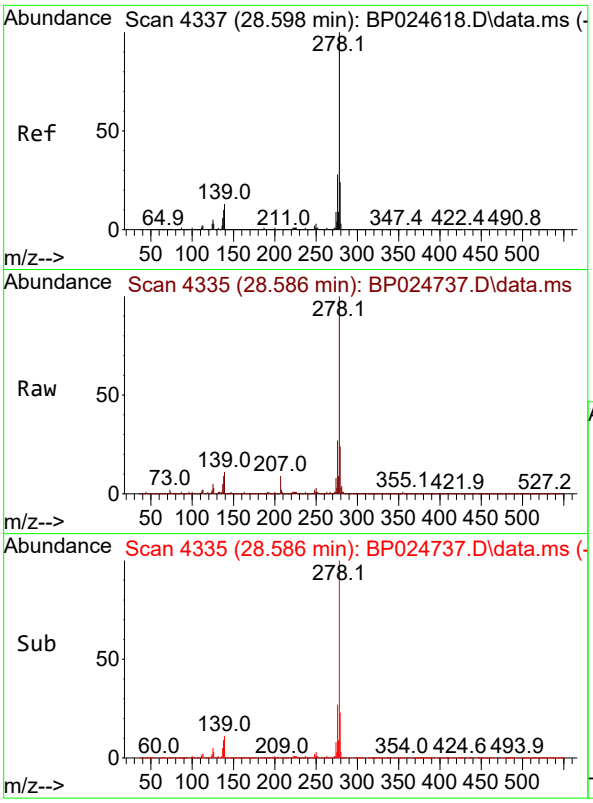


#90
Benzo(a)pyrene
Concen: 38.538 ng
RT: 24.627 min Scan# 3662
Delta R.T. -0.018 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:252 Resp: 1761704

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	8.4	8.1	12.1



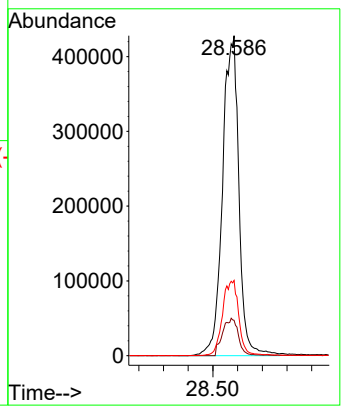


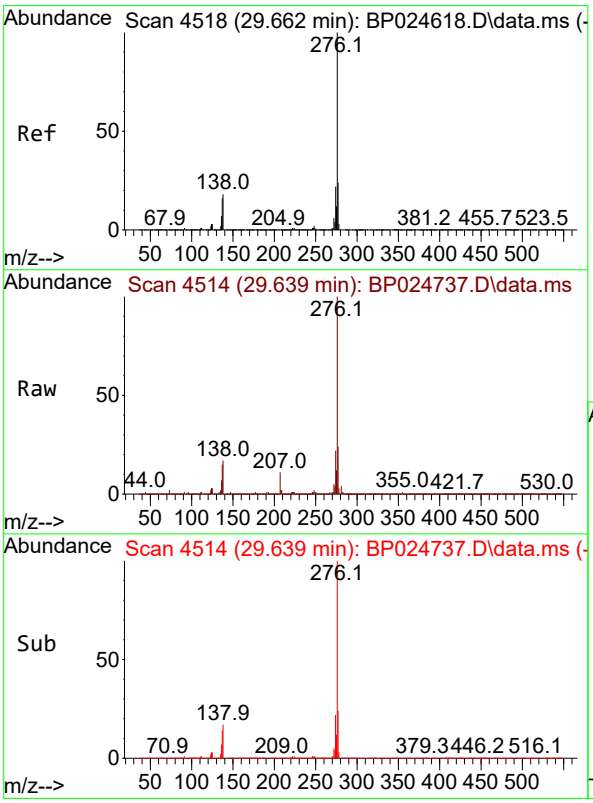
#91
Dibenzo(a,h)anthracene
Concen: 39.710 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1961249

Ion	Ratio	Lower	Upper
278	100		
139	11.0	10.2	15.4
279	23.5	19.0	28.4

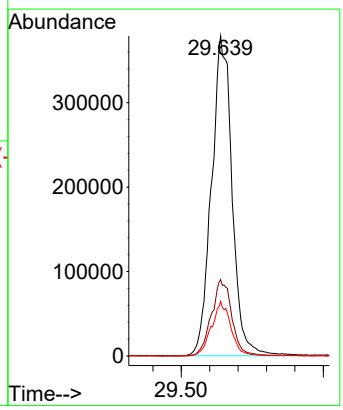




#92
Benzo(g,h,i)perylene
Concen: 38.721 ng
RT: 29.639 min Scan# 4514
Delta R.T. -0.023 min
Lab File: BP024737.D
Acq: 21 May 2025 14:48

Tgt Ion:276 Resp: 1901784

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	17.0	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	106	-0.02
2		1,4-Dioxane	0.549	0.481	12.4	101	-0.01
3		Pyridine	1.218	1.021	16.2	91	0.00
4		n-Nitrosodimethylamine	0.538	0.481	10.6	99	0.00
5	S	2-Fluorophenol	1.169	1.095	6.3	105	0.00
6		Aniline	1.927	1.662	13.8	92	-0.01
7	S	Phenol-d6	1.492	1.334	10.6	96	0.00
8		2-Chlorophenol	1.327	1.257	5.3	103	-0.01
9		Benzaldehyde	0.966	0.818	15.3	91	-0.02
10	C	Phenol	1.540	1.335	13.3	94	0.00
11		bis(2-Chloroethyl)ether	1.266	1.041	17.8	91	-0.02
12		1,3-Dichlorobenzene	1.527	1.439	5.8	106	-0.01
13	C	1,4-Dichlorobenzene	1.536	1.467	4.5	106	-0.02
14		1,2-Dichlorobenzene	1.497	1.393	6.9	104	-0.02
15		Benzyl Alcohol	1.134	1.069	5.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.254	17.3	91	-0.01
17		2-Methylphenol	1.105	1.000	9.5	97	0.00
18		Hexachloroethane	0.589	0.530	10.0	102	-0.02
19	P	n-Nitroso-di-n-propylamine	1.032	0.854	17.2	87	0.00
20		3+4-Methylphenols	1.503	1.354	9.9	95	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	93	-0.02
22		Acetophenone	0.500	0.469	6.2	91	0.00
23	S	Nitrobenzene-d5	0.396	0.360	9.1	88	-0.01
24		Nitrobenzene	0.348	0.312	10.3	86	-0.01
25		Isophorone	0.687	0.617	10.2	86	-0.02
26	C	2-Nitrophenol	0.171	0.187	-9.4	101	-0.02
27		2,4-Dimethylphenol	0.301	0.297	1.3	93	-0.01
28		bis(2-Chloroethoxy)methane	0.410	0.370	9.8	87	-0.01
29	C	2,4-Dichlorophenol	0.292	0.296	-1.4	95	0.00
30		1,2,4-Trichlorobenzene	0.329	0.335	-1.8	102	-0.02
31		Naphthalene	1.036	1.000	3.5	95	-0.01
32		Benzoic acid	0.181	0.196	-8.3	96	0.01
33		4-Chloroaniline	0.418	0.416	0.5	93	-0.01
34	C	Hexachlorobutadiene	0.213	0.222	-4.2	105	-0.02
35		Caprolactam	0.106	0.098	7.5	84	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.331	7.0	87	0.00
37		2-Methylnaphthalene	0.671	0.638	4.9	93	-0.01
38		1-Methylnaphthalene	0.718	0.669	6.8	91	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	93	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.581	0.564	2.9	96	-0.01
41	P	Hexachlorocyclopentadiene	0.352	0.355	-0.9	93	-0.01
42	S	2,4,6-Tribromophenol	0.339	0.356	-5.0	103	0.00
43	C	2,4,6-Trichlorophenol	0.376	0.387	-2.9	97	0.00
44		2,4,5-Trichlorophenol	0.419	0.416	0.7	96	0.00
45	S	2-Fluorobiphenyl	1.527	1.480	3.1	96	0.00
46		1,1'-Biphenyl	1.478	1.422	3.8	96	-0.01
47		2-Chloronaphthalene	1.127	1.086	3.6	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	0.334	0.315	5.7	88	-0.01
49		Acenaphthylene	1.886	1.807	4.2	93	-0.01
50		Dimethylphthalate	1.524	1.421	6.8	91	-0.01
51		2,6-Dinitrotoluene	0.322	0.307	4.7	92	-0.01
52	C	Acenaphthene	1.084	1.033	4.7	94	-0.01
53		3-Nitroaniline	0.329	0.320	2.7	88	0.00
54	P	2,4-Dinitrophenol	0.169	0.244	-44.4#	133	0.00
55		Dibenzofuran	1.730	1.649	4.7	94	0.00
56	P	4-Nitrophenol	0.250	0.214	14.4	78	0.02
57		2,4-Dinitrotoluene	0.454	0.452	0.4	93	-0.01
58		Fluorene	1.410	1.271	9.9	89	0.00
59		2,3,4,6-Tetrachlorophenol	0.388	0.394	-1.5	97	0.00
60		Diethylphthalate	1.541	1.407	8.7	91	-0.02
61		4-Chlorophenyl-phenylether	0.703	0.650	7.5	93	-0.01
62		4-Nitroaniline	0.317	0.304	4.1	86	0.00
63		Azobenzene	1.318	1.043	20.9	78	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	90	-0.02
65		4,6-Dinitro-2-methylphenol	0.129	0.127	1.6	88	0.00
66	c	n-Nitrosodiphenylamine	0.614	0.579	5.7	88	-0.02
67		4-Bromophenyl-phenylether	0.236	0.239	-1.3	95	0.00
68		Hexachlorobenzene	0.299	0.303	-1.3	96	0.00
69		Atrazine	0.225	0.219	2.7	90	-0.01
70	C	Pentachlorophenol	0.168	0.184	-9.5	96	-0.01
71		Phenanthrene	1.112	1.063	4.4	91	-0.01
72		Anthracene	1.119	1.090	2.6	91	-0.01
73		Carbazole	1.012	0.990	2.2	89	-0.01
74		Di-n-butylphthalate	1.302	1.309	-0.5	93	-0.01
75	C	Fluoranthene	1.300	1.252	3.7	90	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	90	-0.01
77		Benzidine	0.545	0.570	-4.6	92	0.00
78		Pyrene	1.198	1.164	2.8	91	-0.01
79	S	Terphenyl-d14	1.166	1.170	-0.3	93	0.00
80		Butylbenzylphthalate	0.533	0.533	0.0	91	0.00
81		Benzo(a)anthracene	1.256	1.204	4.1	90	-0.01
82		3,3'-Dichlorobenzidine	0.466	0.495	-6.2	93	-0.01
83		Chrysene	1.190	1.132	4.9	90	-0.01
84		Bis(2-ethylhexyl)phthalate	0.783	0.791	-1.0	93	-0.02
85	c	Di-n-octyl phthalate	1.281	1.328	-3.7	93	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	89	-0.02
87		Indeno(1,2,3-cd)pyrene	1.460	1.437	1.6	90	-0.02
88		Benzo(b)fluoranthene	1.145	1.108	3.2	90	0.00
89		Benzo(k)fluoranthene	1.180	1.122	4.9	88	0.00
90	C	Benzo(a)pyrene	1.099	1.059	3.6	89	-0.02
91		Dibenzo(a,h)anthracene	1.188	1.179	0.8	90	-0.01
92		Benzo(g,h,i)perylene	1.181	1.143	3.2	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	106	-0.02
2		1,4-Dioxane	40.000	35.039	12.4	101	-0.01
3		Pyridine	40.000	33.539	16.2	91	0.00
4		n-Nitrosodimethylamine	40.000	35.793	10.5	99	0.00
5	S	2-Fluorophenol	80.000	74.915	6.4	105	0.00
6		Aniline	40.000	34.502	13.7	92	-0.01
7	S	Phenol-d6	80.000	71.501	10.6	96	0.00
8		2-Chlorophenol	40.000	37.889	5.3	103	-0.01
9		Benzaldehyde	40.000	33.849	15.4	91	-0.02
10	C	Phenol	40.000	34.675	13.3	94	0.00
11		bis(2-Chloroethyl)ether	40.000	32.911	17.7	91	-0.02
12		1,3-Dichlorobenzene	40.000	37.687	5.8	106	-0.01
13	C	1,4-Dichlorobenzene	40.000	38.196	4.5	106	-0.02
14		1,2-Dichlorobenzene	40.000	37.234	6.9	104	-0.02
15		Benzyl Alcohol	40.000	37.698	5.8	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	33.096	17.3	91	-0.01
17		2-Methylphenol	40.000	36.211	9.5	97	0.00
18		Hexachloroethane	40.000	35.987	10.0	102	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	33.080	17.3	87	0.00
20		3+4-Methylphenols	40.000	36.038	9.9	95	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	93	-0.02
22		Acetophenone	40.000	37.544	6.1	91	0.00
23	S	Nitrobenzene-d5	80.000	72.739	9.1	88	-0.01
24		Nitrobenzene	40.000	35.811	10.5	86	-0.01
25		Isophorone	40.000	35.920	10.2	86	-0.02
26	C	2-Nitrophenol	40.000	43.726	-9.3	101	-0.02
27		2,4-Dimethylphenol	40.000	39.458	1.4	93	-0.01
28		bis(2-Chloroethoxy)methane	40.000	36.065	9.8	87	-0.01
29	C	2,4-Dichlorophenol	40.000	40.657	-1.6	95	0.00
30		1,2,4-Trichlorobenzene	40.000	40.721	-1.8	102	-0.02
31		Naphthalene	40.000	38.600	3.5	95	-0.01
32		Benzoic acid	40.000	39.062	2.3	96	0.01
33		4-Chloroaniline	40.000	39.764	0.6	93	-0.01
34	C	Hexachlorobutadiene	40.000	41.728	-4.3	105	-0.02
35		Caprolactam	40.000	37.068	7.3	84	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.207	7.0	87	0.00
37		2-Methylnaphthalene	40.000	38.015	5.0	93	-0.01
38		1-Methylnaphthalene	40.000	37.289	6.8	91	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	93	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	38.859	2.9	96	-0.01
41	P	Hexachlorocyclopentadiene	40.000	40.274	-0.7	93	-0.01
42	S	2,4,6-Tribromophenol	80.000	84.111	-5.1	103	0.00
43	C	2,4,6-Trichlorophenol	40.000	41.155	-2.9	97	0.00
44		2,4,5-Trichlorophenol	40.000	39.743	0.6	96	0.00
45	S	2-Fluorobiphenyl	80.000	77.551	3.1	96	0.00
46		1,1'-Biphenyl	40.000	38.477	3.8	96	-0.01
47		2-Chloronaphthalene	40.000	38.543	3.6	95	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	37.787	5.5	88	-0.01
49		Acenaphthylene	40.000	38.328	4.2	93	-0.01
50		Dimethylphthalate	40.000	37.296	6.8	91	-0.01
51		2,6-Dinitrotoluene	40.000	38.140	4.6	92	-0.01
52	C	Acenaphthene	40.000	38.115	4.7	94	-0.01
53		3-Nitroaniline	40.000	38.988	2.5	88	0.00
54	P	2,4-Dinitrophenol	40.000	50.613	-26.5#	133	0.00
55		Dibenzofuran	40.000	38.138	4.7	94	0.00
56	P	4-Nitrophenol	40.000	32.722	18.2	78	0.02
57		2,4-Dinitrotoluene	40.000	39.845	0.4	93	-0.01
58		Fluorene	40.000	36.044	9.9	89	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.541	-1.4	97	0.00
60		Diethylphthalate	40.000	36.519	8.7	91	-0.02
61		4-Chlorophenyl-phenylether	40.000	36.981	7.5	93	-0.01
62		4-Nitroaniline	40.000	38.320	4.2	86	0.00
63		Azobenzene	40.000	31.663	20.8	78	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	90	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	39.283	1.8	88	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.705	5.7	88	-0.02
67		4-Bromophenyl-phenylether	40.000	40.582	-1.5	95	0.00
68		Hexachlorobenzene	40.000	40.450	-1.1	96	0.00
69		Atrazine	40.000	38.885	2.8	90	-0.01
70	C	Pentachlorophenol	40.000	43.761	-9.4	96	-0.01
71		Phenanthrene	40.000	38.250	4.4	91	-0.01
72		Anthracene	40.000	38.990	2.5	91	-0.01
73		Carbazole	40.000	39.110	2.2	89	-0.01
74		Di-n-butylphthalate	40.000	40.201	-0.5	93	-0.01
75	C	Fluoranthene	40.000	38.522	3.7	90	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	90	-0.01
77		Benzidine	40.000	41.862	-4.7	92	0.00
78		Pyrene	40.000	38.849	2.9	91	-0.01
79	S	Terphenyl-d14	80.000	80.240	-0.3	93	0.00
80		Butylbenzylphthalate	40.000	39.968	0.1	91	0.00
81		Benzo(a)anthracene	40.000	38.340	4.1	90	-0.01
82		3,3'-Dichlorobenzidine	40.000	42.484	-6.2	93	-0.01
83		Chrysene	40.000	38.035	4.9	90	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.410	-1.0	93	-0.02
85	c	Di-n-octyl phthalate	40.000	41.455	-3.6	93	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	89	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	39.353	1.6	90	-0.02
88		Benzo(b)fluoranthene	40.000	38.701	3.2	90	0.00
89		Benzo(k)fluoranthene	40.000	38.060	4.8	88	0.00
90	C	Benzo(a)pyrene	40.000	38.538	3.7	89	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.710	0.7	90	-0.01
92		Benzo(g,h,i)perylene	40.000	38.721	3.2	89	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024737.D
Acq On : 21 May 2025 14:48
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 21 15:15:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q2075 SAS No.: Q2075 SDG No.: Q2075

Instrument ID: BNA_P Calibration Date/Time: 05/22/2025 10:56

Lab File ID: BP024753.D Init. Calib. Date(s): 05/13/2025 05/13/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:41 15:26

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.169	1.135		-2.9	
Phenol-d6	1.492	1.407		-5.7	
Nitrobenzene-d5	0.396	0.368		-7.1	
Naphthalene	1.036	0.988		-4.6	
2-Fluorobiphenyl	1.527	1.502		-1.6	
Acenaphthylene	1.886	1.818		-3.6	
Acenaphthene	1.084	1.055		-2.7	20.0
Fluorene	1.410	1.365		-3.2	
2,4,6-Tribromophenol	0.339	0.364		7.4	
Phenanthrene	1.112	1.056		-5.0	
Anthracene	1.119	1.093		-2.3	
Fluoranthene	1.300	1.270		-2.3	20.0
Pyrene	1.198	1.114		-7.0	
Terphenyl-d14	1.166	1.110		-4.8	
Benzo(a)anthracene	1.256	1.196		-4.8	
Chrysene	1.190	1.132		-4.9	
Benzo(b)fluoranthene	1.145	1.090		-4.8	
Benzo(k)fluoranthene	1.180	1.078		-8.6	
Benzo(a)pyrene	1.099	1.059		-3.6	20.0
Indeno(1,2,3-cd)pyrene	1.460	1.467		0.5	
Dibenzo(a,h)anthracene	1.188	1.197		0.8	
Benzo(g,h,i)perylene	1.181	1.175		-0.5	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	103714	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	424752	20.000	ng		-0.01
39) Acenaphthene-d10	14.281	164	258861	20.000	ng		-0.02
64) Phenanthrene-d10	17.075	188	515151	20.000	ng		-0.02
76) Chrysene-d12	21.516	240	613668	20.000	ng		0.00
86) Perylene-d12	24.792	264	759397	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	470842	77.648	ng		0.00
7) Phenol-d6	6.858	99	583849	75.441	ng		0.00
23) Nitrobenzene-d5	8.799	82	625504	74.407	ng		-0.01
42) 2,4,6-Tribromophenol	15.798	330	377255	85.966	ng		-0.01
45) 2-Fluorobiphenyl	12.893	172	1555207	78.711	ng		-0.01
79) Terphenyl-d14	19.804	244	2724263	76.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	95313	33.474	ng		97
3) Pyridine	3.617	79	229360	36.327	ng		94
4) n-Nitrosodimethylamine	3.528	42	103907	37.278	ng		92
6) Aniline	6.993	93	370604	37.090	ng		98
8) 2-Chlorophenol	7.234	128	274338	39.853	ng		97
9) Benzaldehyde	6.811	77	179612	35.852	ng		99
10) Phenol	6.881	94	305208	38.210	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	229537	34.972	ng		100
12) 1,3-Dichlorobenzene	7.546	146	301458	38.064	ng		98
13) 1,4-Dichlorobenzene	7.687	146	309636	38.872	ng		100
14) 1,2-Dichlorobenzene	7.999	146	293460	37.809	ng		99
15) Benzyl Alcohol	7.899	79	226557	38.523	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	272181	34.627	ng		100
17) 2-Methylphenol	8.110	107	214801	37.493	ng		98
18) Hexachloroethane	8.716	117	111981	36.686	ng		96
19) n-Nitroso-di-n-propyla...	8.452	70	185810	34.709	ng		98
20) 3+4-Methylphenols	8.440	107	290065	37.221	ng		97
22) Acetophenone	8.469	105	398506	37.559	ng	#	99
24) Nitrobenzene	8.840	77	269749	36.463	ng		96
25) Isophorone	9.363	82	515648	35.361	ng		98
26) 2-Nitrophenol	9.546	139	151180	41.704	ng		99
27) 2,4-Dimethylphenol	9.616	122	245937	38.480	ng		98
28) bis(2-Chloroethoxy)met...	9.840	93	304970	35.006	ng		99
29) 2,4-Dichlorophenol	10.093	162	244803	39.525	ng		96
30) 1,2,4-Trichlorobenzene	10.287	180	275005	39.402	ng		98
31) Naphthalene	10.469	128	839383	38.135	ng		100
32) Benzoic acid	9.781	122	165369m	38.852	ng		
33) 4-Chloroaniline	10.593	127	348911	39.283	ng		98
34) Hexachlorobutadiene	10.751	225	180166	39.848	ng		97
35) Caprolactam	11.387	113	85017	37.940	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	285718	37.828	ng		99
37) 2-Methylnaphthalene	12.081	142	523458	36.728	ng		99
38) 1-Methylnaphthalene	12.304	142	542501	35.575	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	300547	39.982	ng		99
41) Hexachlorocyclopentadiene	12.434	237	185751	40.752	ng		98
43) 2,4,6-Trichlorophenol	12.710	196	199436	40.962	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

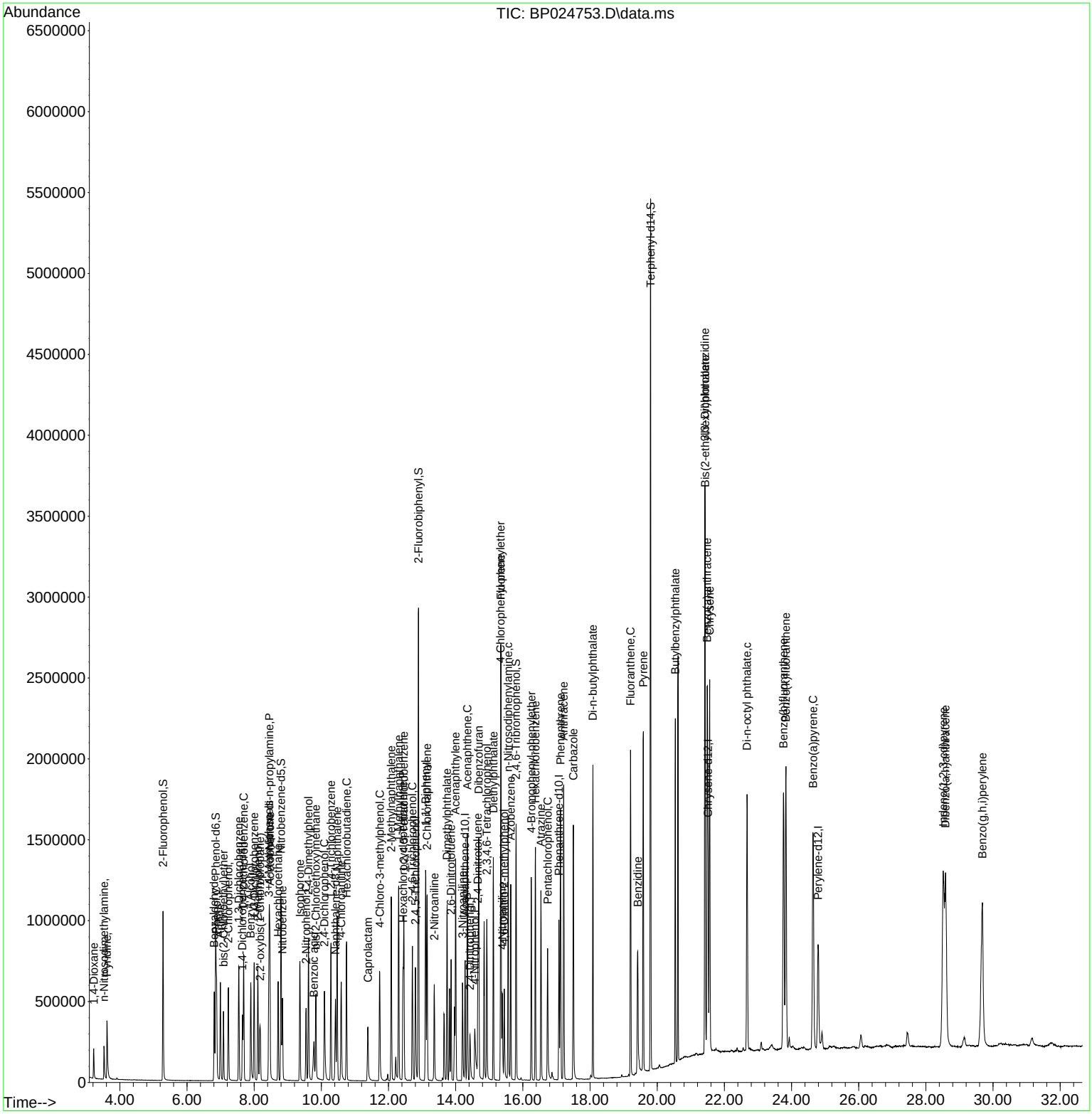
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	213455	39.385	ng		97
46) 1,1'-Biphenyl	13.104	154	744062	38.890	ng		99
47) 2-Chloronaphthalene	13.151	162	566469	38.831	ng		99
48) 2-Nitroaniline	13.363	65	161474	37.387	ng		94
49) Acenaphthylene	13.998	152	941385	38.561	ng		99
50) Dimethylphthalate	13.745	163	736236	37.315	ng		100
51) 2,6-Dinitrotoluene	13.863	165	159704	38.326	ng		98
52) Acenaphthene	14.345	154	545940	38.899	ng		100
53) 3-Nitroaniline	14.204	138	169506	39.839	ng		95
54) 2,4-Dinitrophenol	14.428	184	91959	38.598	ng		96
55) Dibenzofuran	14.687	168	861722	38.494	ng		99
56) 4-Nitrophenol	14.569	139	154275	43.899	ng		99
57) 2,4-Dinitrotoluene	14.663	165	237293	40.393	ng		97
58) Fluorene	15.345	166	706842	38.724	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	197601	39.304	ng		96
60) Diethylphthalate	15.122	149	748861	37.552	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	352770	38.753	ng		98
62) 4-Nitroaniline	15.392	138	173898m	42.328	ng		
63) Azobenzene	15.639	77	610526	35.788	ng		96
65) 4,6-Dinitro-2-methylph...	15.445	198	135394	40.689	ng		98
66) n-Nitrosodiphenylamine	15.563	169	612621	38.716	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	244008	40.197	ng		98
68) Hexachlorobenzene	16.375	284	310572	40.264	ng		94
69) Atrazine	16.539	200	232866	40.157	ng		99
70) Pentachlorophenol	16.739	266	188824	43.610	ng		99
71) Phenanthrene	17.122	178	1088145	37.997	ng		100
72) Anthracene	17.216	178	1126427	39.094	ng		99
73) Carbazole	17.504	167	1033405	39.626	ng		99
74) Di-n-butylphthalate	18.086	149	1313152	39.153	ng		100
75) Fluoranthene	19.204	202	1308696	39.094	ng		99
77) Benzidine	19.422	184	639743	38.276	ng		99
78) Pyrene	19.586	202	1367365	37.187	ng		99
80) Butylbenzylphthalate	20.539	149	639516	39.107	ng		95
81) Benzo(a)anthracene	21.486	228	1468260	38.104	ng		99
82) 3,3'-Dichlorobenzidine	21.422	252	616258	43.059	ng		100
83) Chrysene	21.563	228	1389328	38.035	ng		100
84) Bis(2-ethylhexyl)phtha...	21.427	149	943050	39.235	ng		99
85) Di-n-octyl phthalate	22.674	149	1624884	41.340	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2228069	40.189	ng	#	88
88) Benzo(b)fluoranthene	23.763	252	1655614	38.089	ng		99
89) Benzo(k)fluoranthene	23.833	252	1637849	36.568	ng		100
90) Benzo(a)pyrene	24.639	252	1607644	38.510	ng		99
91) Dibenzo(a,h)anthracene	28.586	278	1818555	40.320	ng		99
92) Benzo(g,h,i)perylene	29.686	276	1784700	39.791	ng		97

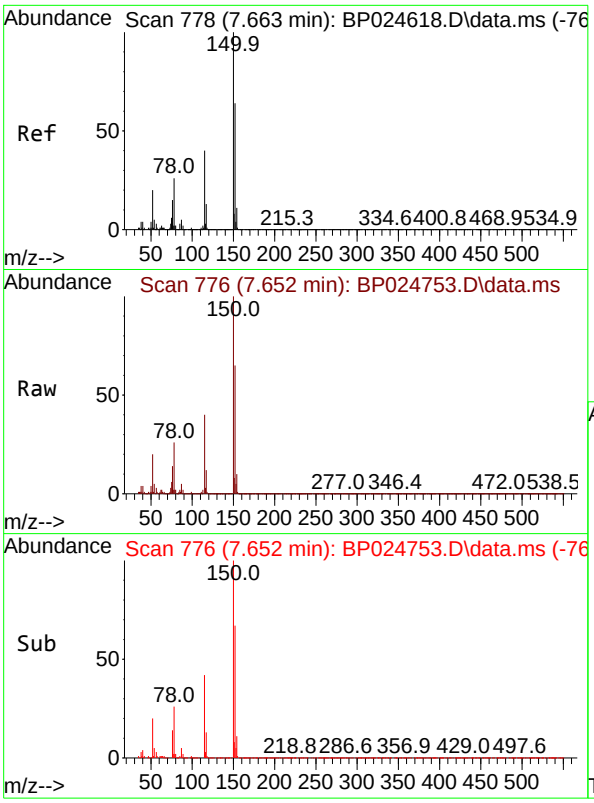
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



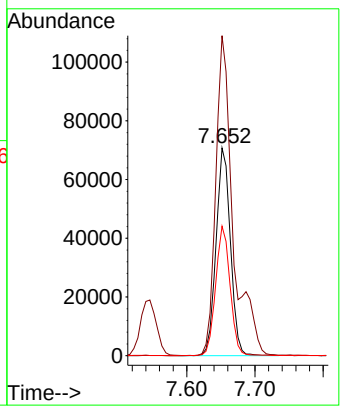


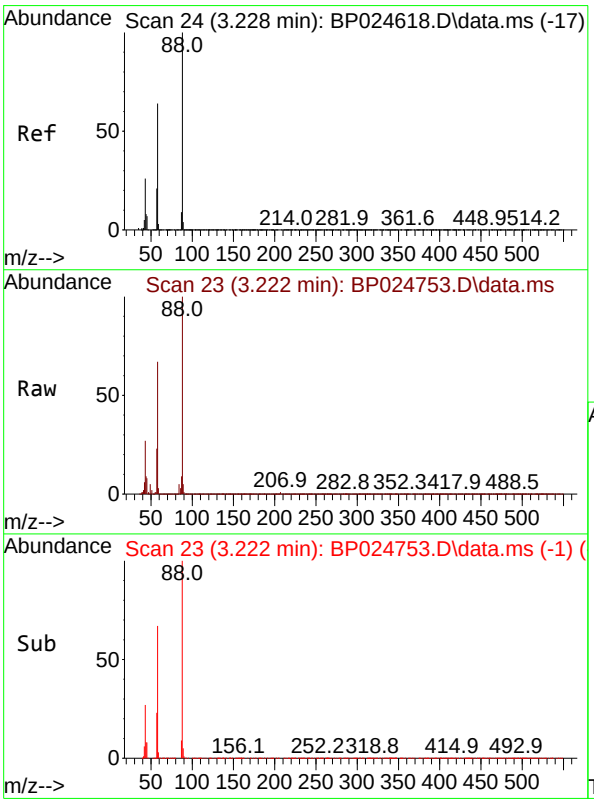
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 103714

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.9	188.9
115	62.4	50.1	75.1

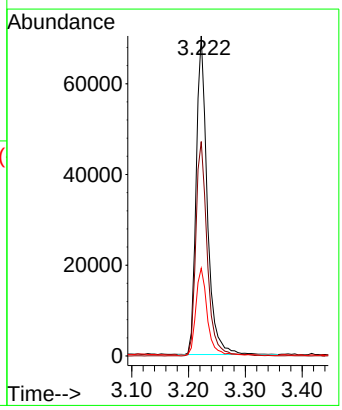


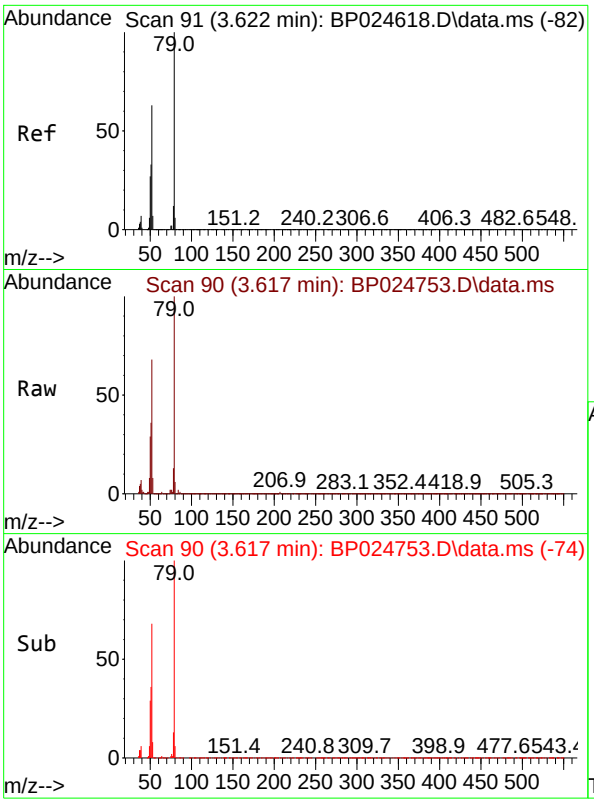


#2
1,4-Dioxane
Concen: 33.474 ng
RT: 3.222 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 88 Resp: 95313

Ion	Ratio	Lower	Upper
88	100		
58	69.7	54.0	81.0
43	28.1	21.4	32.0



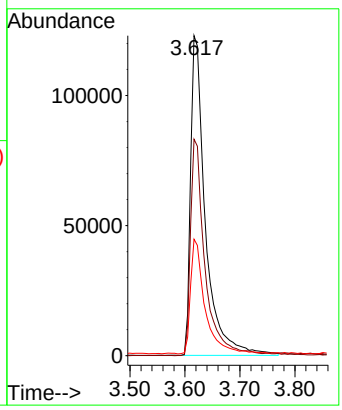


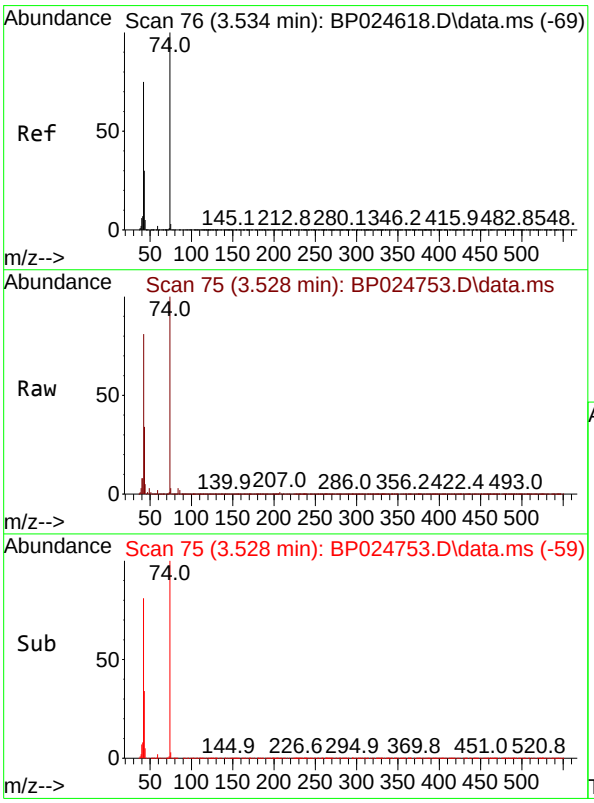
#3
Pyridine
Concen: 36.327 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 229360

Ion	Ratio	Lower	Upper
79	100		
52	67.7	50.2	75.2
51	36.4	26.8	40.2

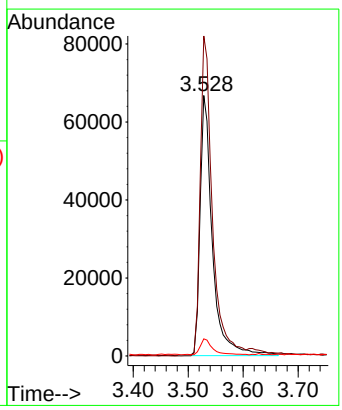


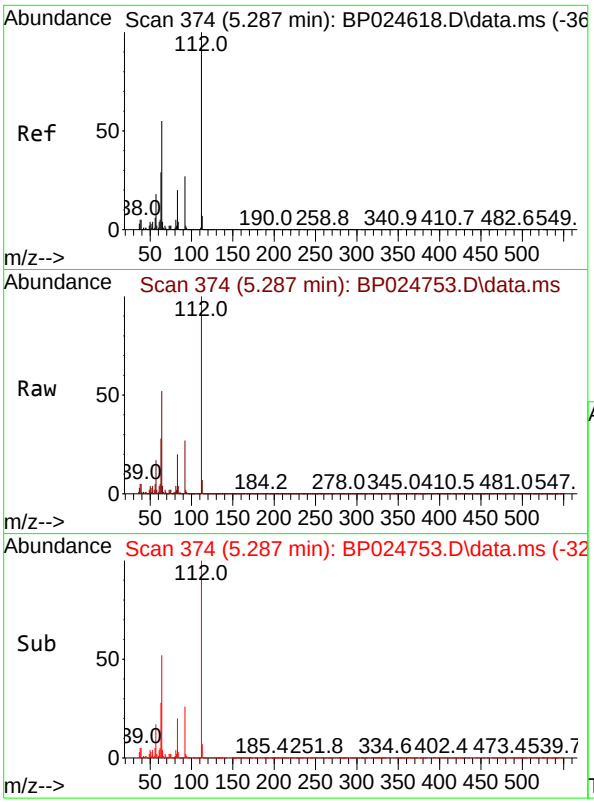


#4
n-Nitrosodimethylamine
Concen: 37.278 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 42 Resp: 103907

Ion	Ratio	Lower	Upper
42	100		
74	122.9	106.2	159.2
44	6.6	5.4	8.2



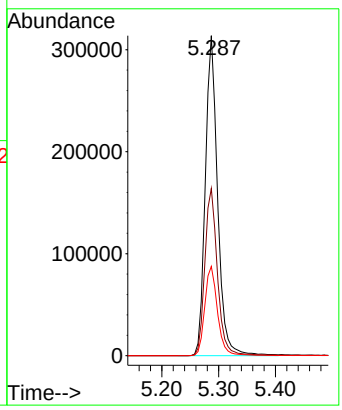


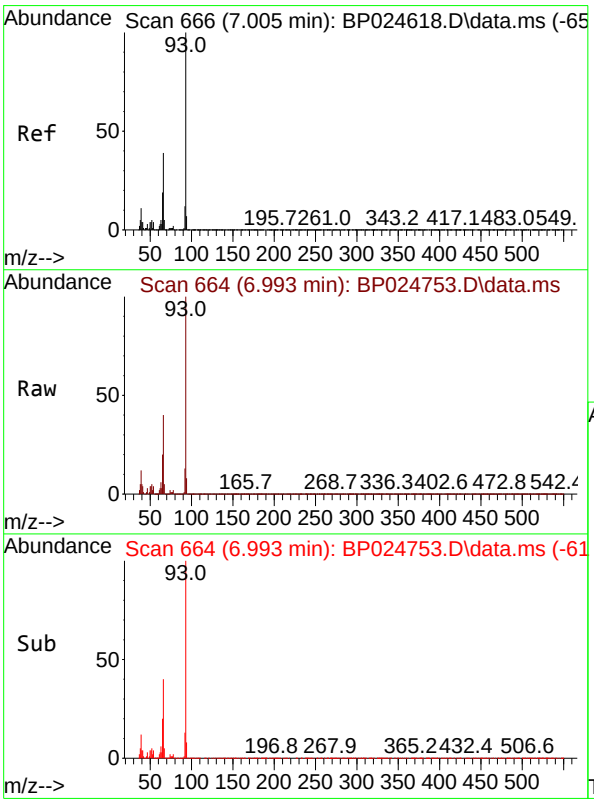
#5
2-Fluorophenol
Concen: 77.648 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 470842

Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	27.9	23.5	35.3

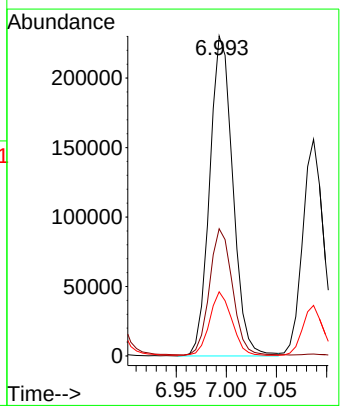


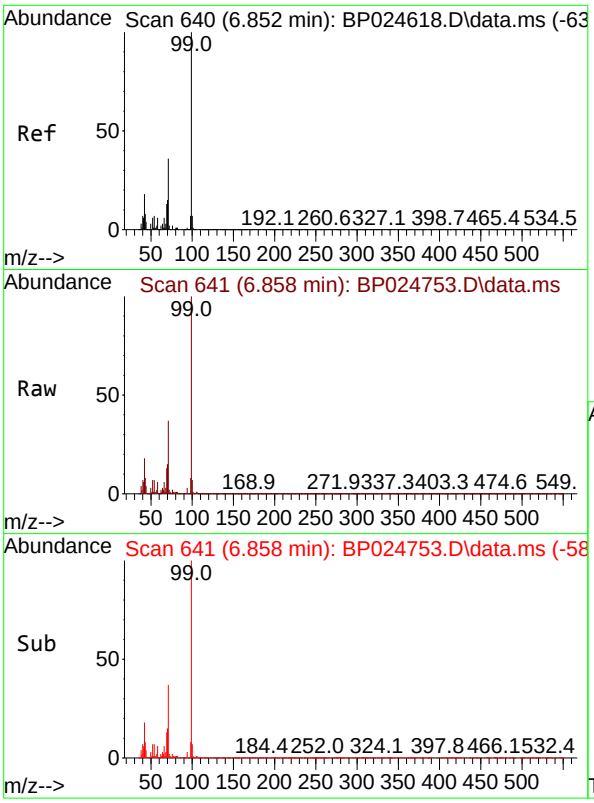


#6
Aniline
Concen: 37.090 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 93 Resp: 370604

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.0	46.6
65	20.1	15.5	23.3



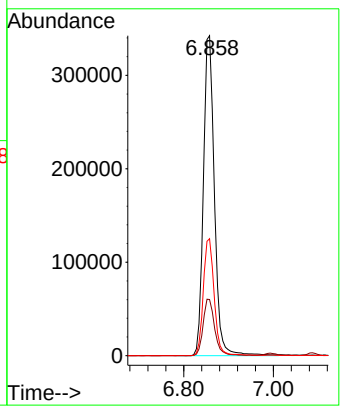


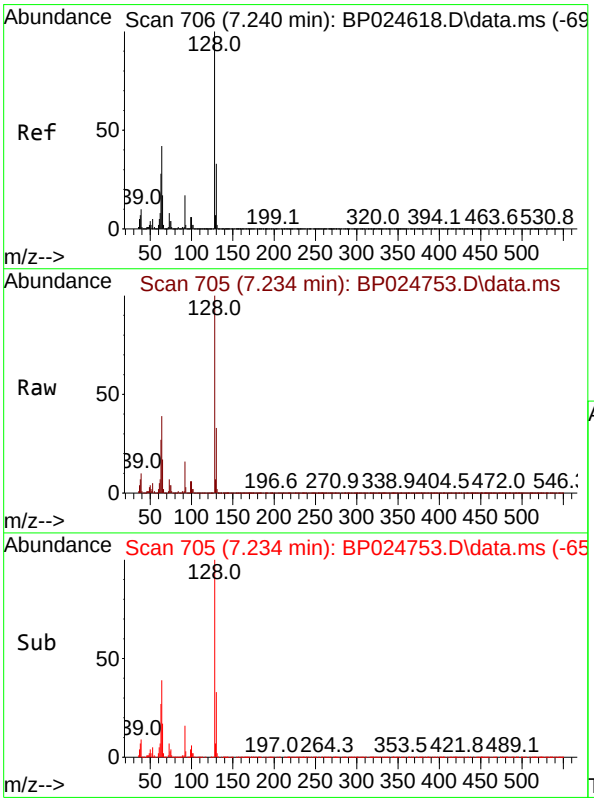
#7
Phenol-d6
Concen: 75.441 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 583849

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	36.6	29.2	43.8

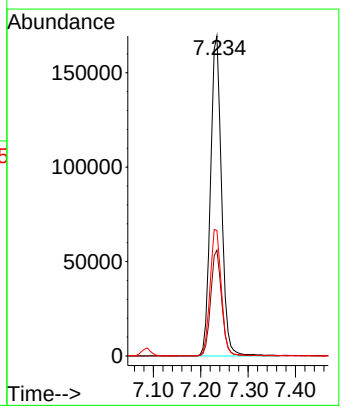


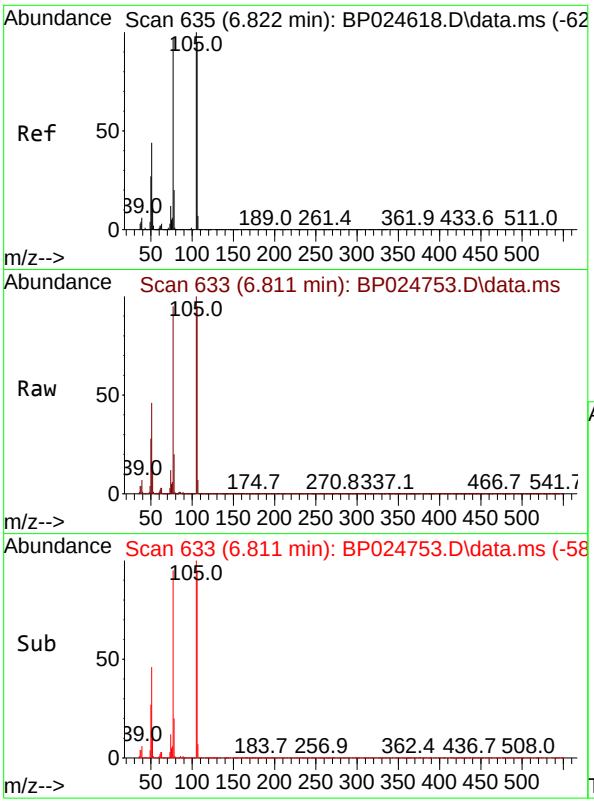


#8
2-Chlorophenol
Concen: 39.853 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:128 Resp: 274338

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	39.2	22.3	62.3



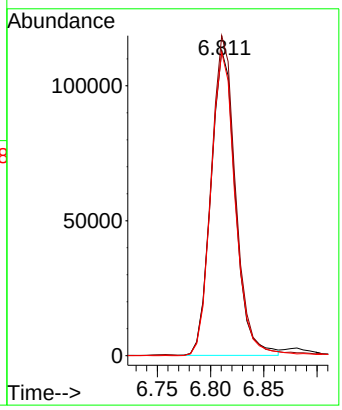


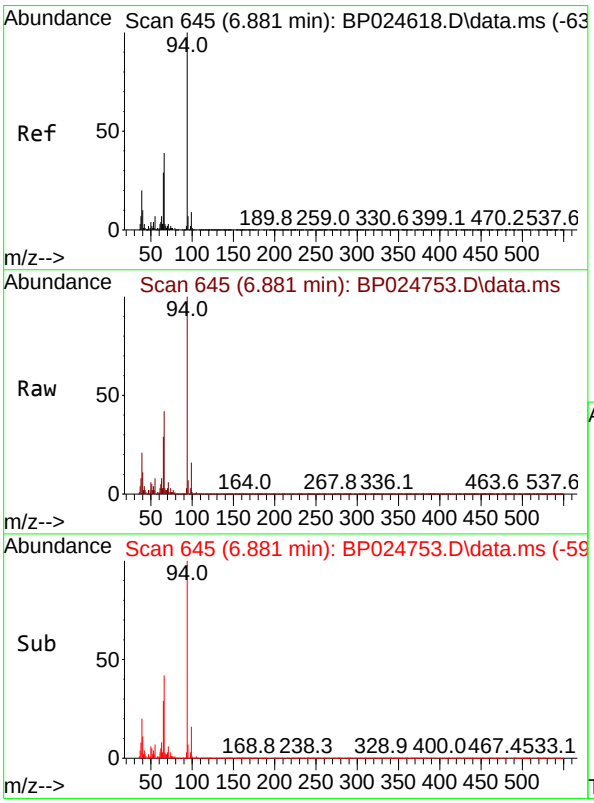
#9
Benzaldehyde
Concen: 35.852 ng
RT: 6.811 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 179612

Ion	Ratio	Lower	Upper
77	100		
105	104.8	83.3	123.3
106	99.4	78.0	118.0

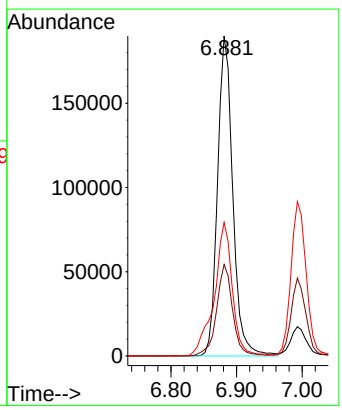


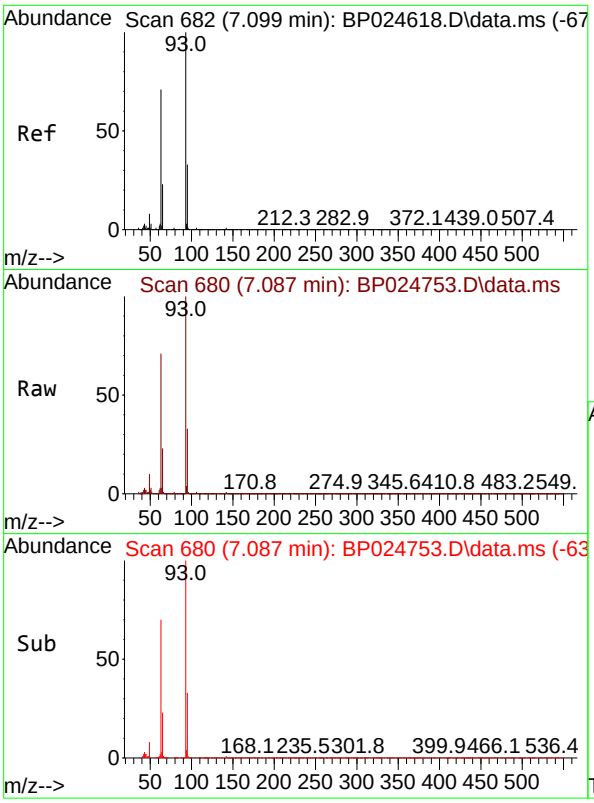


#10
Phenol
Concen: 38.210 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 94 Resp: 305208

Ion	Ratio	Lower	Upper
94	100		
65	28.6	8.7	48.7
66	41.7	19.4	59.4



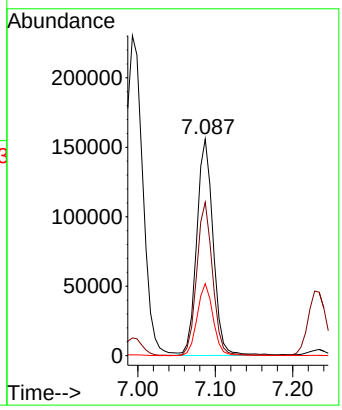


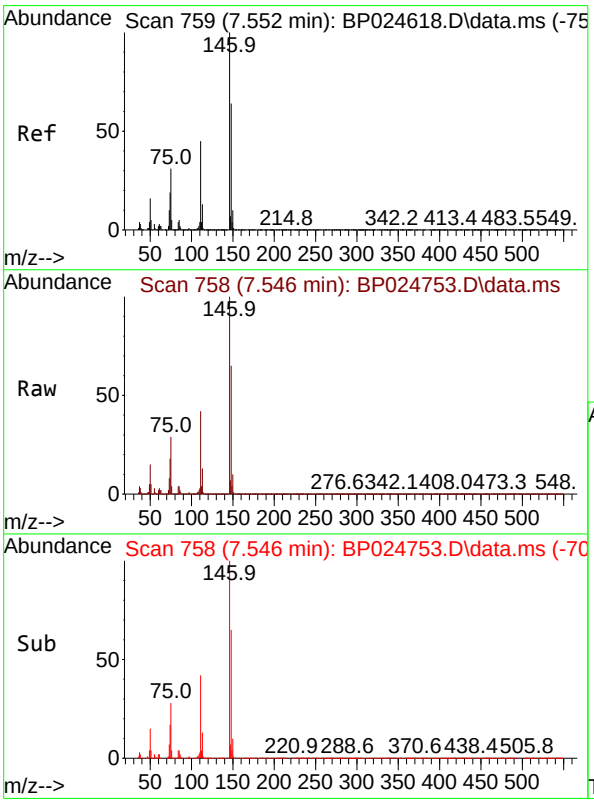
#11
bis(2-Chloroethyl)ether
Concen: 34.972 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 229537

Ion	Ratio	Lower	Upper
93	100		
63	70.8	50.6	90.6
95	33.3	12.9	52.9

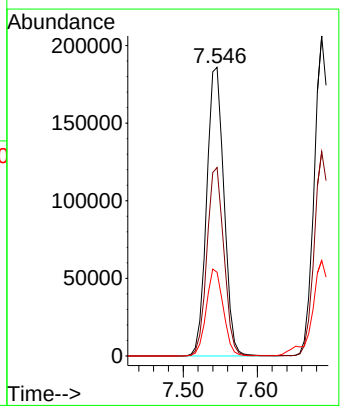


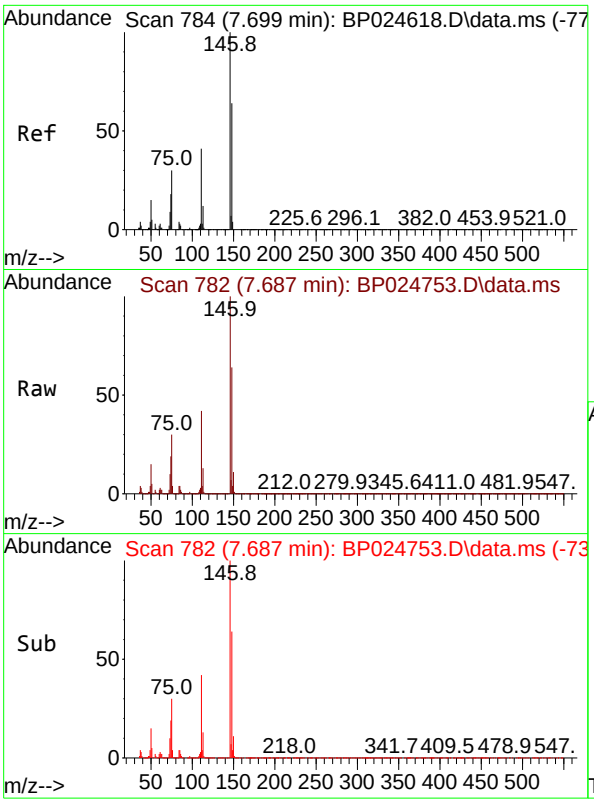


#12
1,3-Dichlorobenzene
Concen: 38.064 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:146 Resp: 301458

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
75	29.0	25.2	37.8



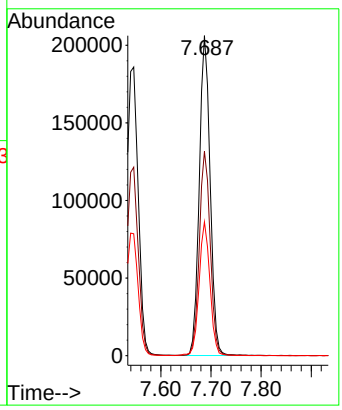


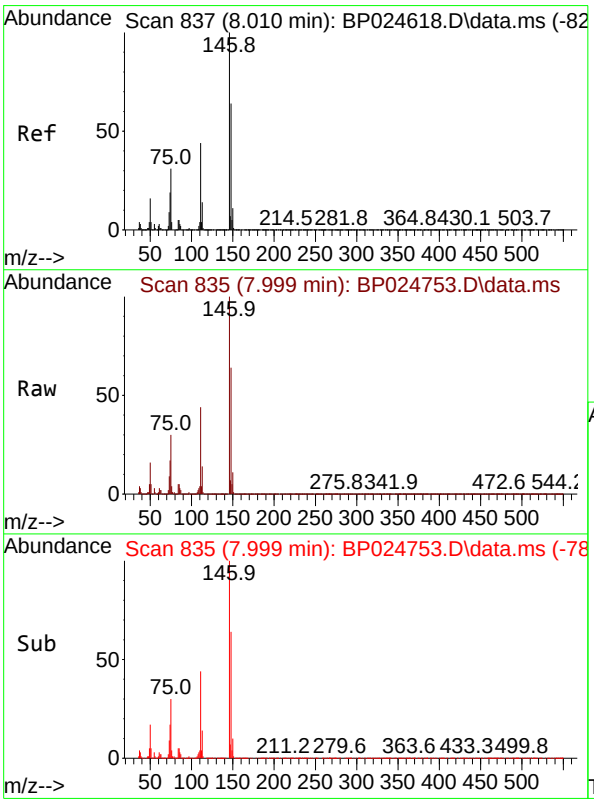
#13
1,4-Dichlorobenzene
Concen: 38.872 ng
RT: 7.687 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 309636

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
111	41.8	33.0	49.6

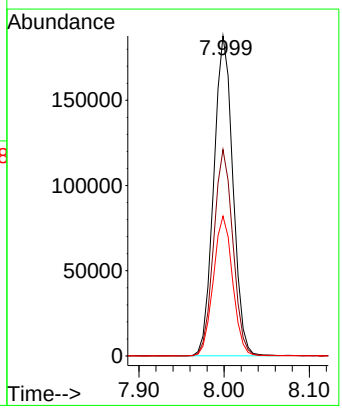


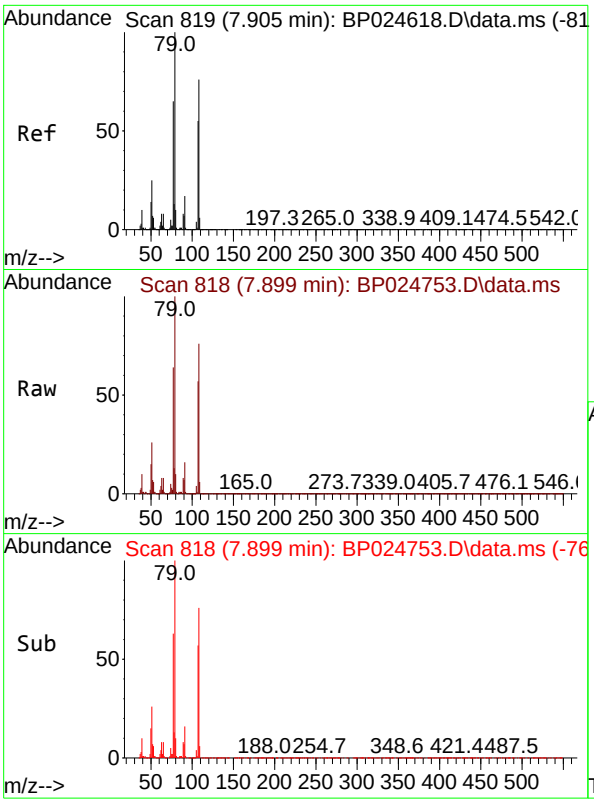


#14
1,2-Dichlorobenzene
Concen: 37.809 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:146 Resp: 293460

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	43.7	35.2	52.8



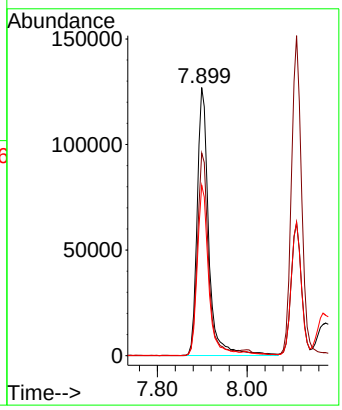


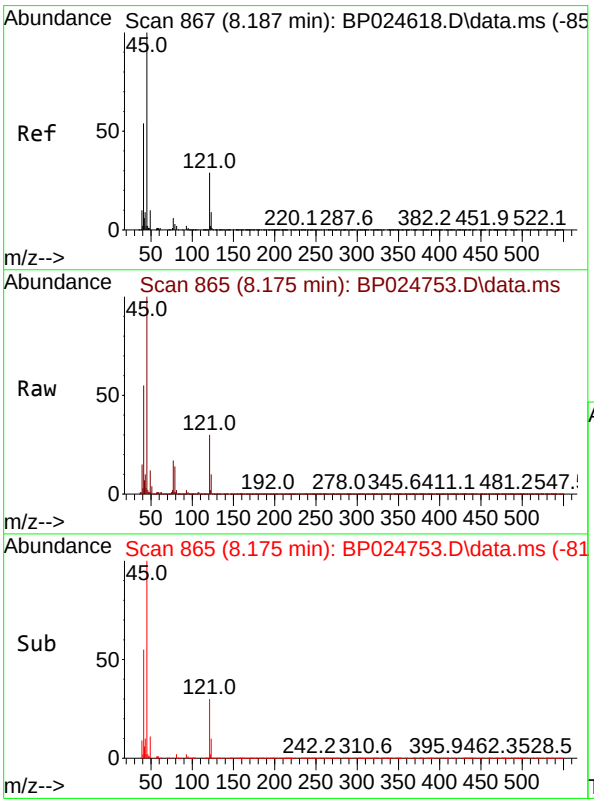
#15
Benzyl Alcohol
Concen: 38.523 ng
RT: 7.899 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 226557

Ion	Ratio	Lower	Upper
79	100		
108	75.6	60.8	91.2
77	63.6	51.9	77.9

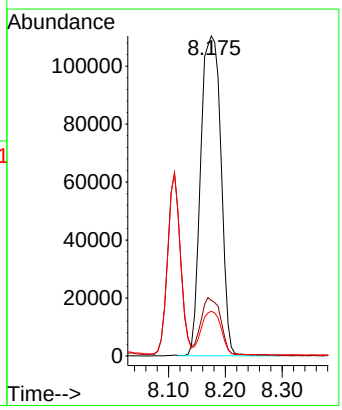


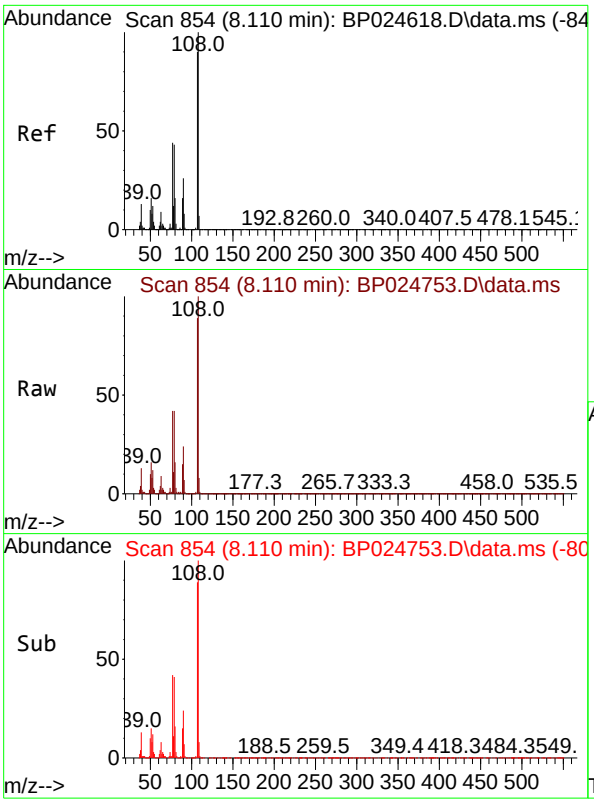


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.627 ng
RT: 8.175 min Scan# 865
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 45 Resp: 272181

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	37.7
79	14.0	0.0	34.0



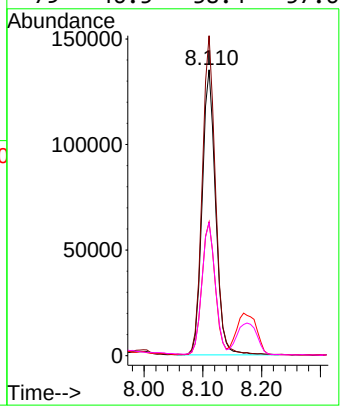


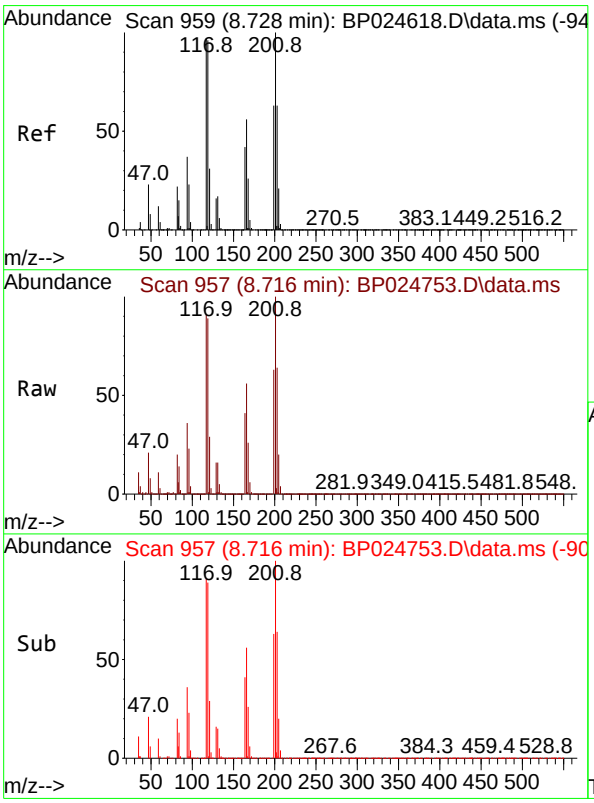
#17
2-Methylphenol
Concen: 37.493 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 214801

Ion	Ratio	Lower	Upper
107	100		
108	111.9	88.9	133.3
77	46.7	39.0	58.6
79	46.5	38.4	57.6

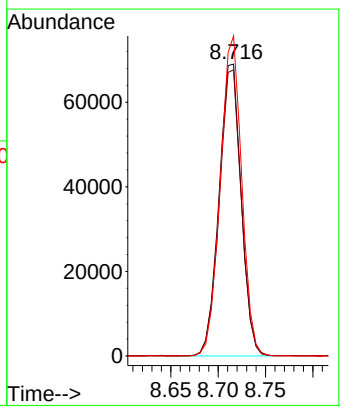


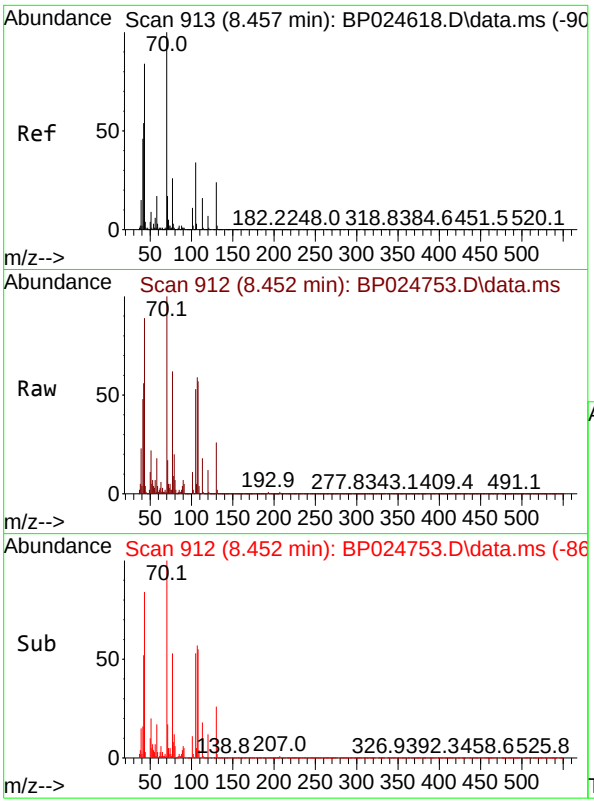


#18
Hexachloroethane
Concen: 36.686 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:117 Resp: 111981

Ion	Ratio	Lower	Upper
117	100		
119	98.0	79.4	119.0
201	109.6	82.7	124.1



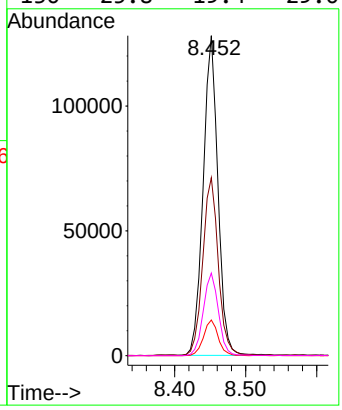


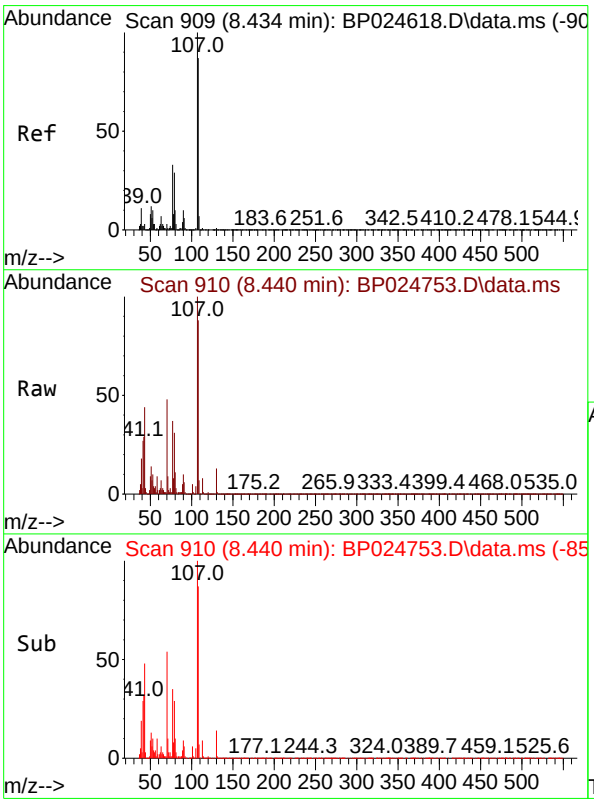
#19
n-Nitroso-di-n-propylamine
Concen: 34.709 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 185810

Ion	Ratio	Lower	Upper
70	100		
42	55.6	43.0	64.6
101	11.2	8.7	13.1
130	25.8	19.4	29.0

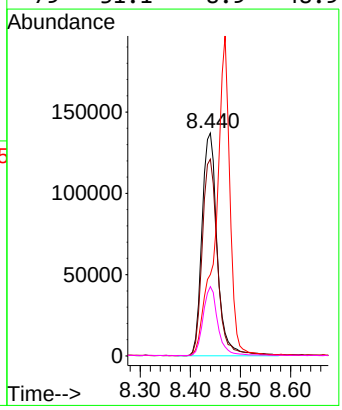


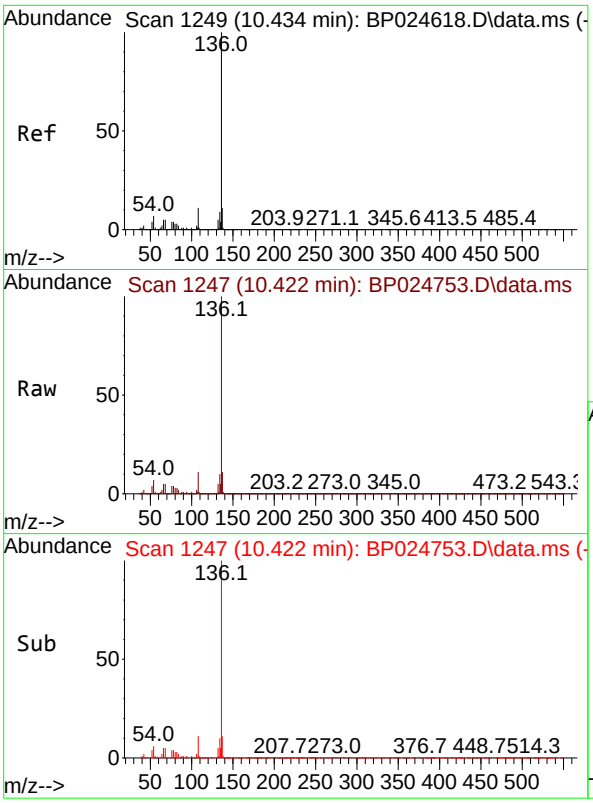


#20
3+4-Methylphenols
Concen: 37.221 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:107 Resp: 290065

Ion	Ratio	Lower	Upper
107	100		
108	88.3	66.7	106.7
77	36.6	13.1	53.1
79	31.1	8.9	48.9



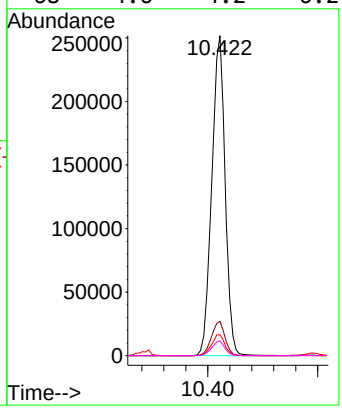


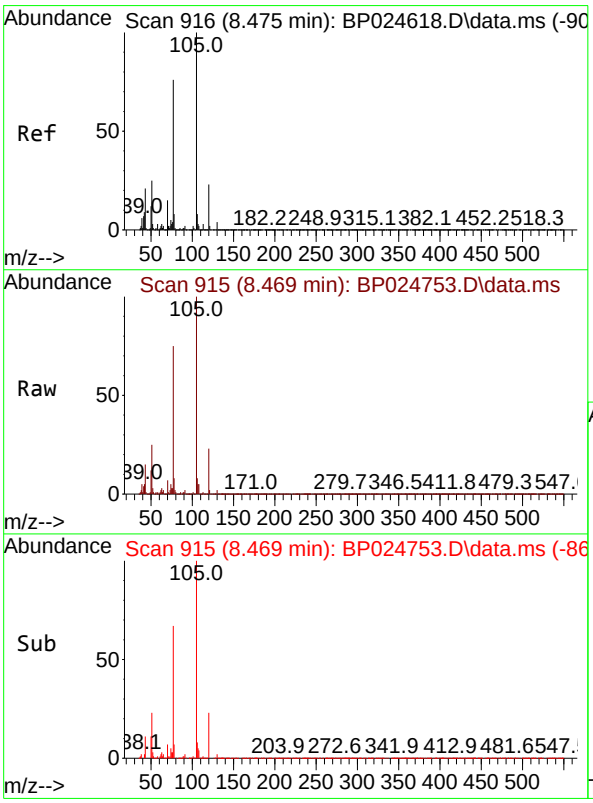
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 424752

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.5	8.3
68	4.6	4.2	6.2

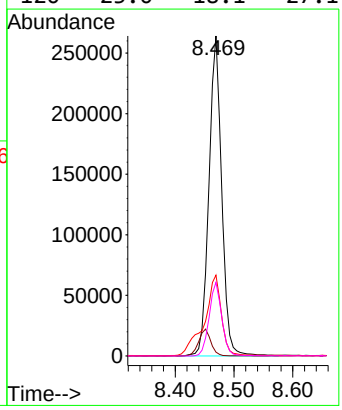


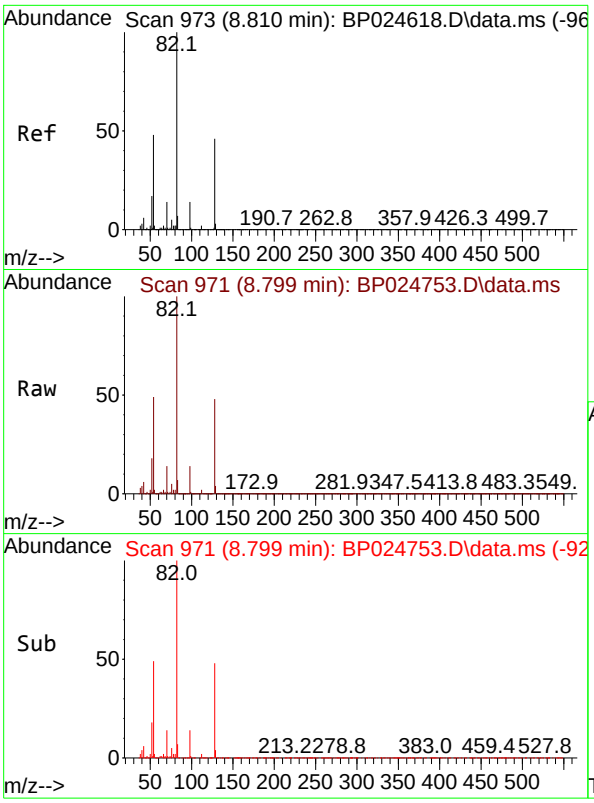


#22
Acetophenone
Concen: 37.559 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:105 Resp: 398506

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	25.3	20.4	30.6
120	23.0	18.1	27.1



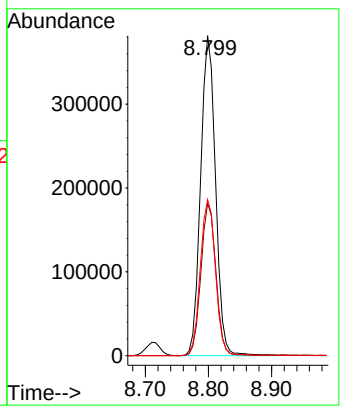


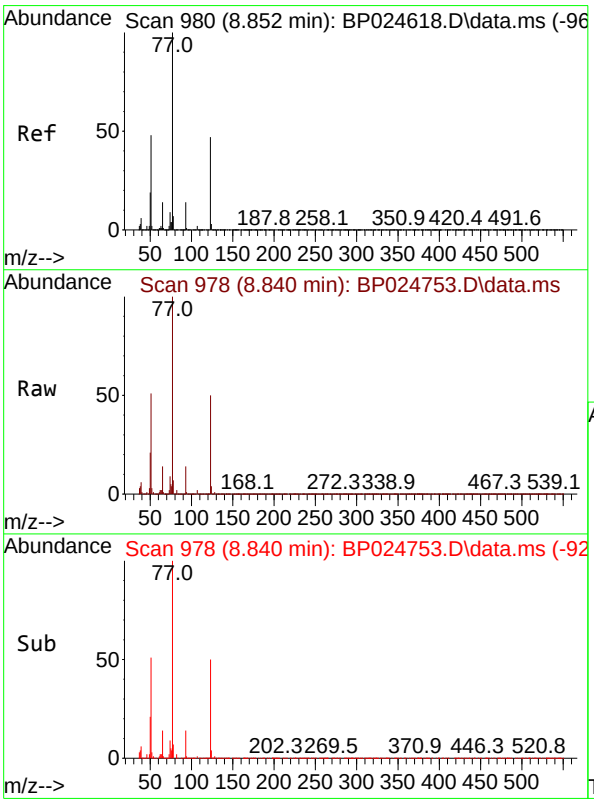
#23
Nitrobenzene-d5
Concen: 74.407 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 625504

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.4
54	48.8	38.7	58.1

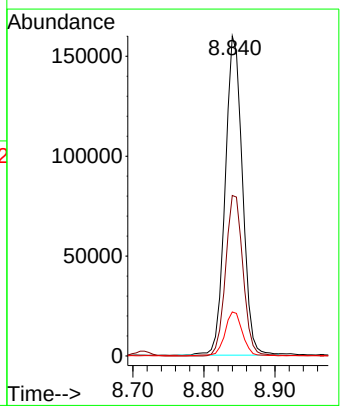


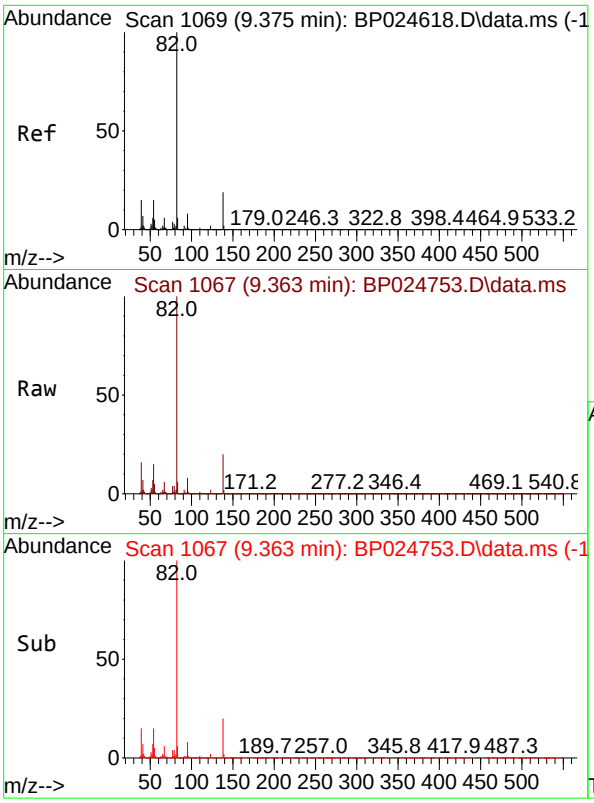


#24
Nitrobenzene
Concen: 36.463 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 77 Resp: 269749

Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.4	56.0
65	13.7	11.3	16.9



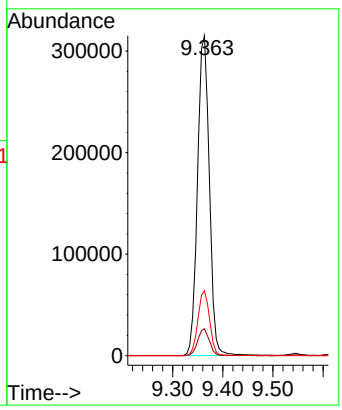


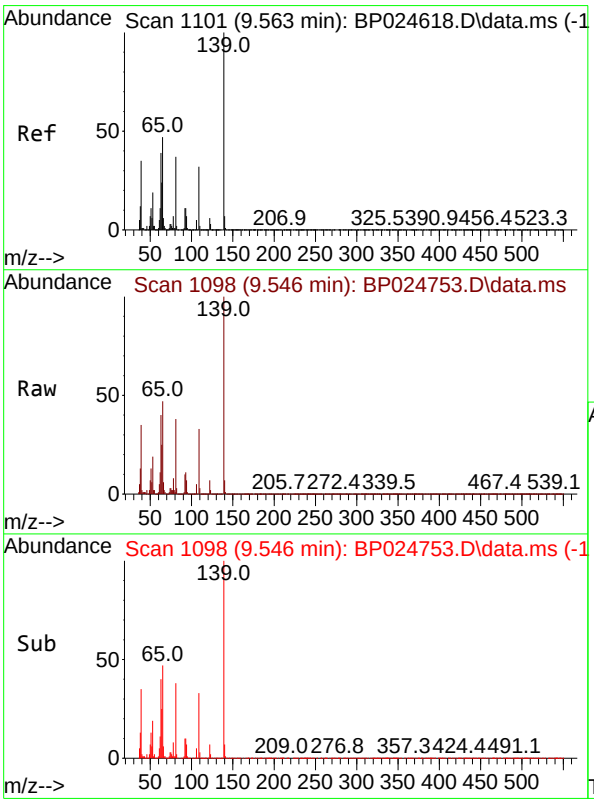
#25
Isophorone
Concen: 35.361 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 515648

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	20.3	15.3	22.9

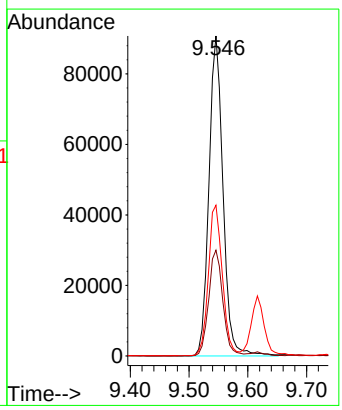


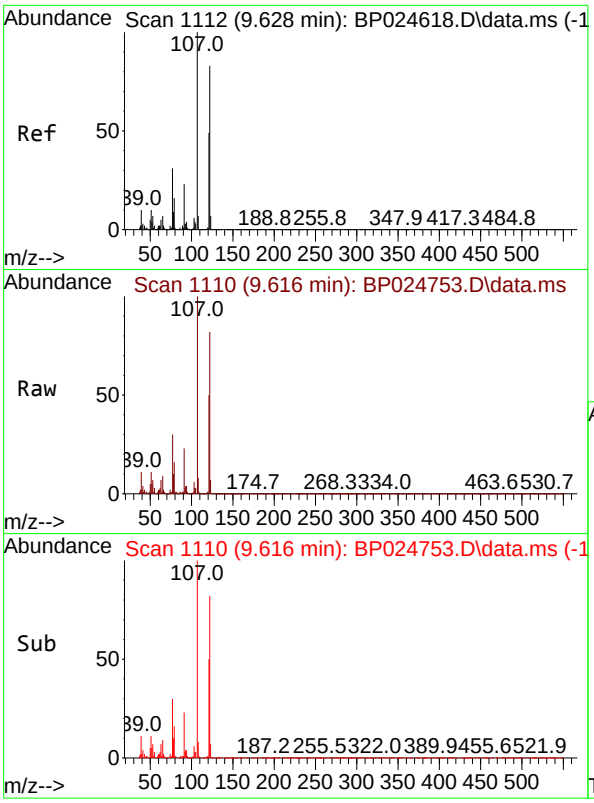


#26
2-Nitrophenol
Concen: 41.704 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:139 Resp: 151180

Ion	Ratio	Lower	Upper
139	100		
109	33.0	25.9	38.9
65	47.1	37.9	56.9



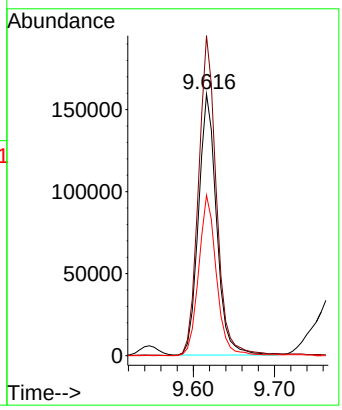


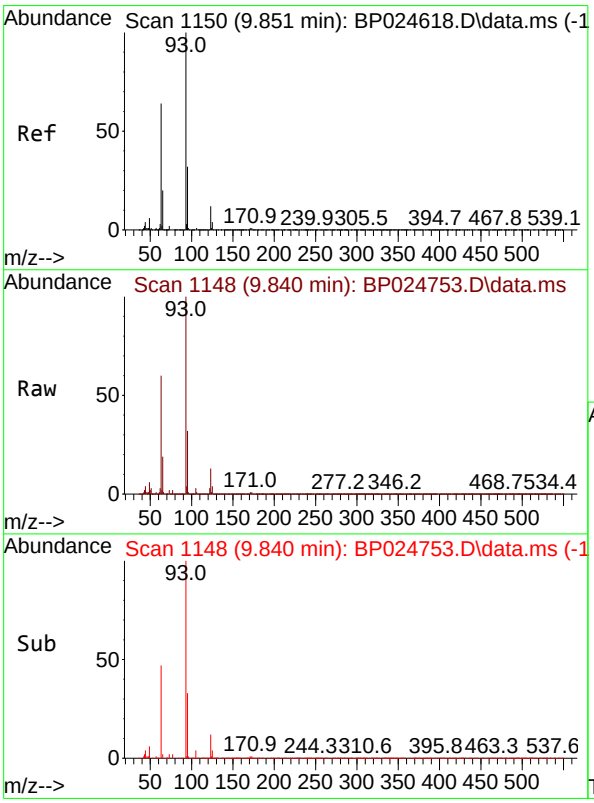
#27
2,4-Dimethylphenol
Concen: 38.480 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 245937

Ion	Ratio	Lower	Upper
122	100		
107	122.3	96.2	144.2
121	61.4	47.6	71.4

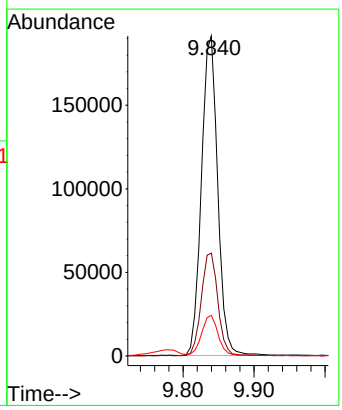


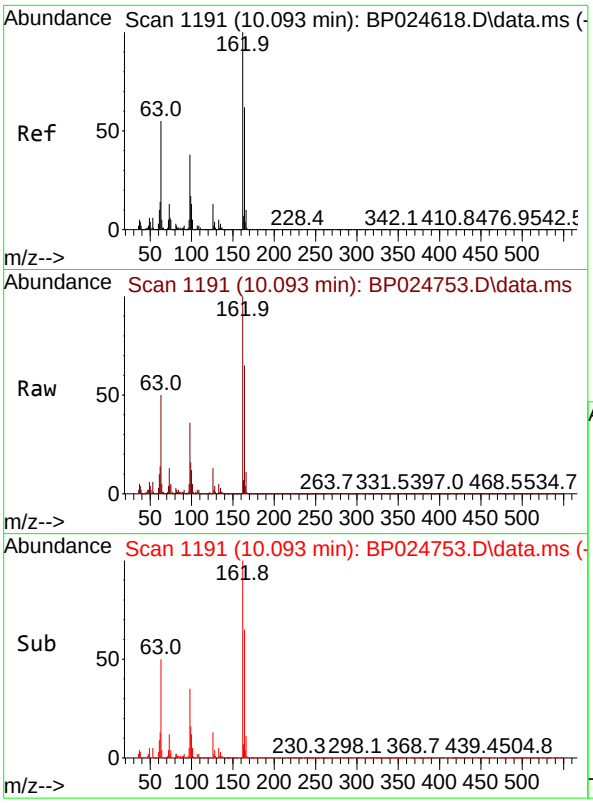


#28
bis(2-Chloroethoxy)methane
Concen: 35.006 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 93 Resp: 304970

Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	12.6	9.7	14.5



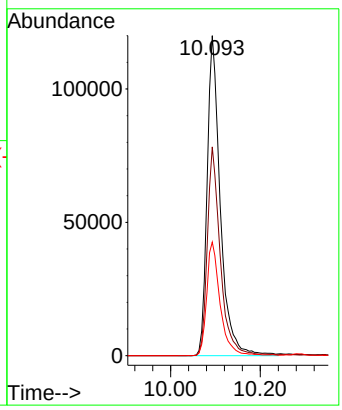


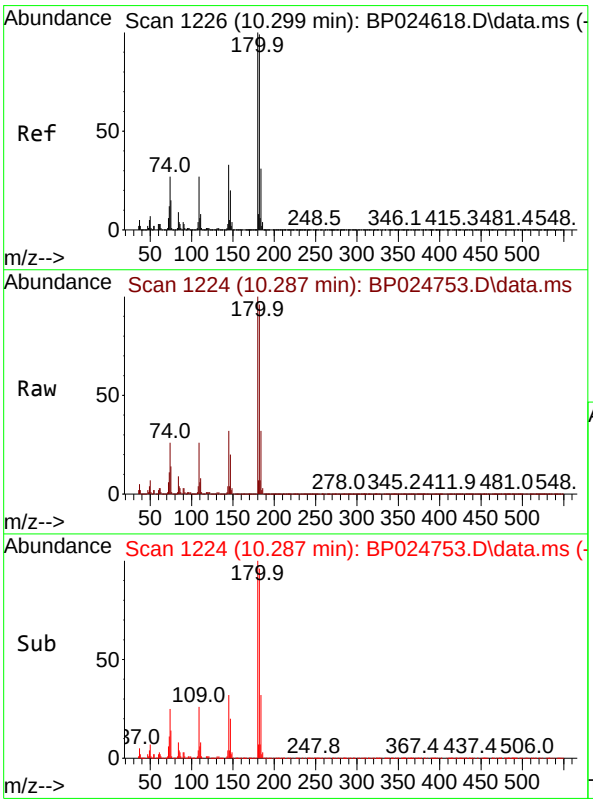
#29
2,4-Dichlorophenol
Concen: 39.525 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 244803

Ion	Ratio	Lower	Upper
162	100		
164	65.3	42.3	82.3
98	35.5	18.4	58.4

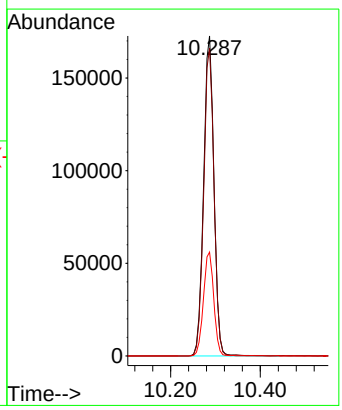


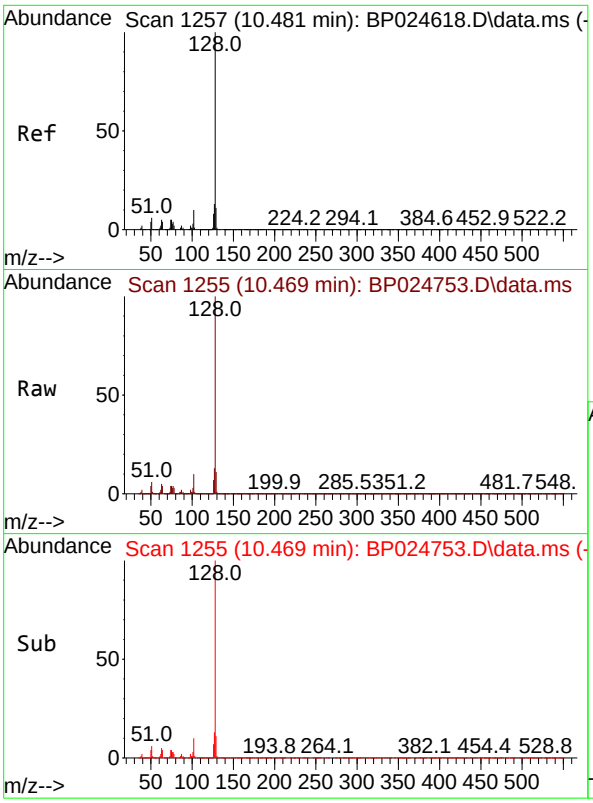


#30
1,2,4-Trichlorobenzene
Concen: 39.402 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:180 Resp: 275005

Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.0	118.4
145	32.5	26.6	39.8



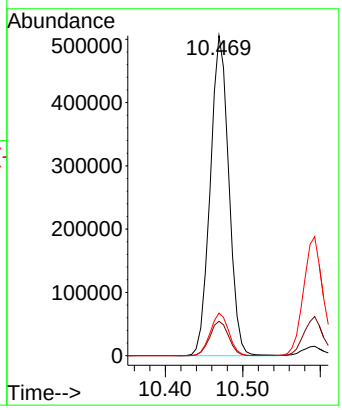


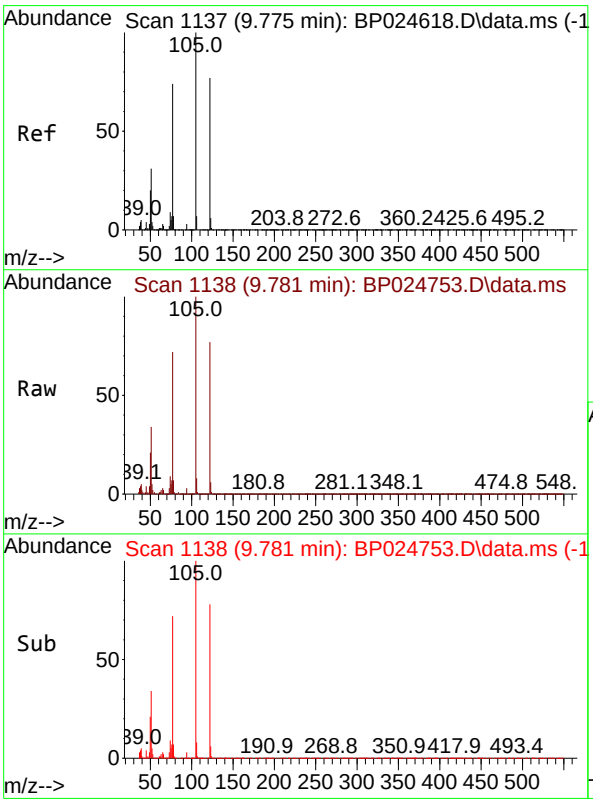
#31
Naphthalene
Concen: 38.135 ng
RT: 10.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 839383

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.3	10.7	16.1

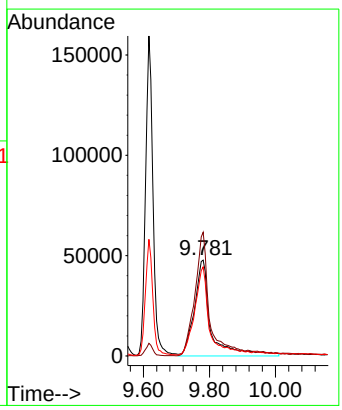


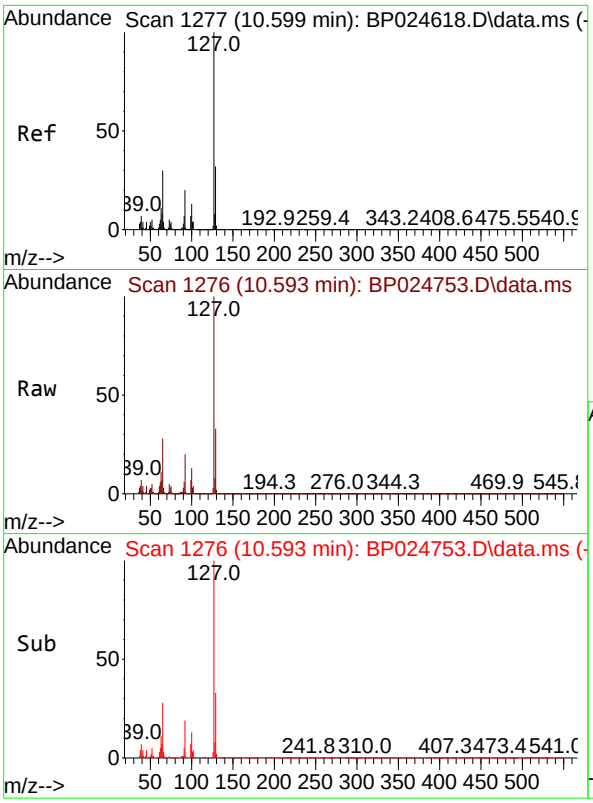


#32
Benzoic acid
Concen: 38.852 ng m
RT: 9.781 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:122 Resp: 165369

Ion	Ratio	Lower	Upper
122	100		
105	129.1	106.9	146.9
77	93.0	75.1	115.1



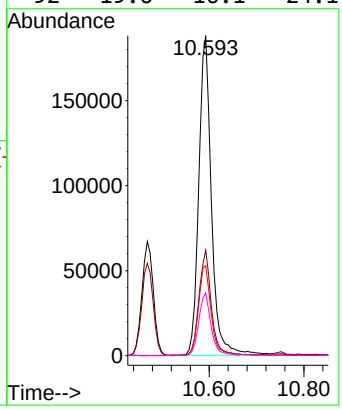


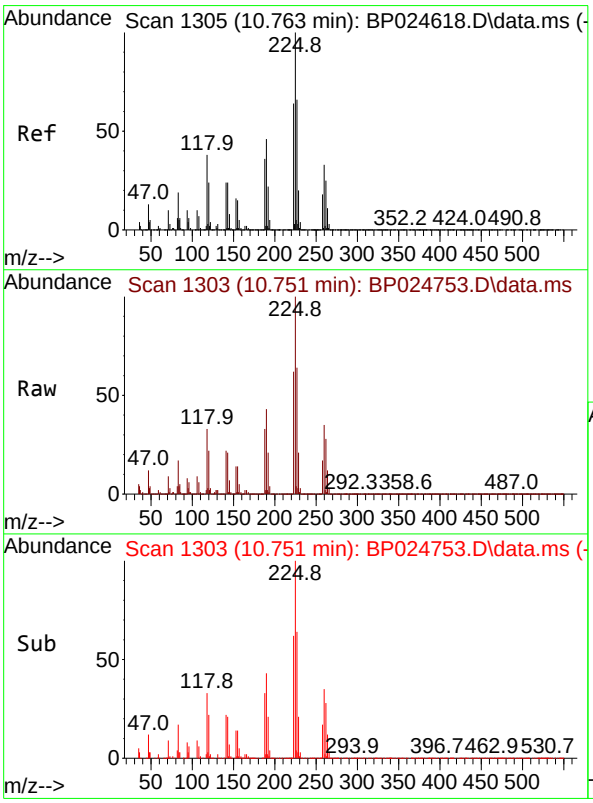
#33
4-Chloroaniline
Concen: 39.283 ng
RT: 10.593 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 348911

Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	28.1	23.9	35.9
92	19.6	16.1	24.1

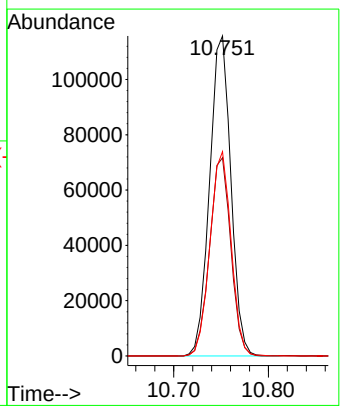


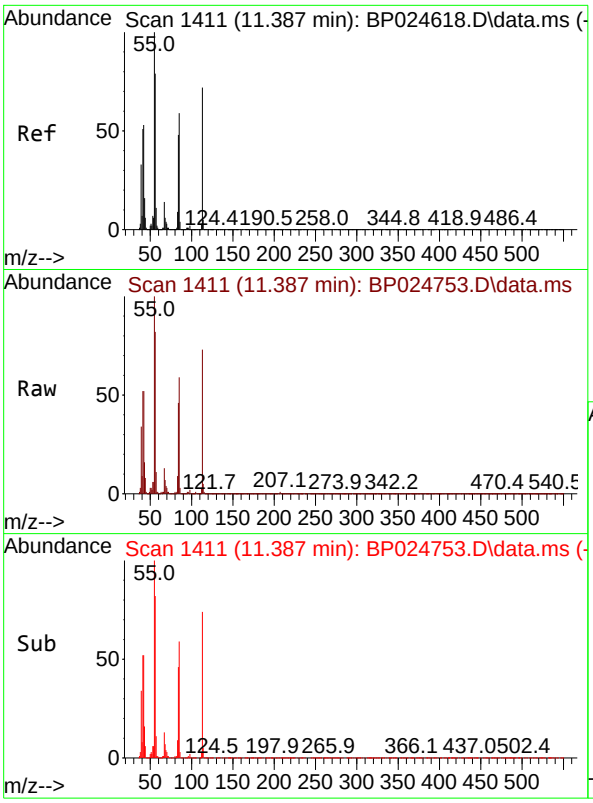


#34
Hexachlorobutadiene
Concen: 39.848 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:225 Resp: 180166

Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.9	53.1	79.7



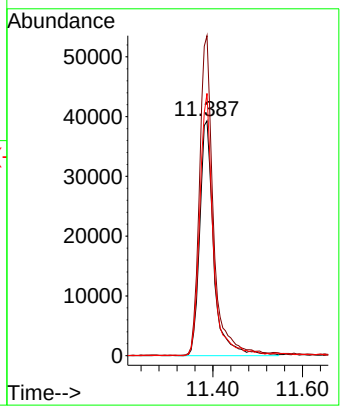


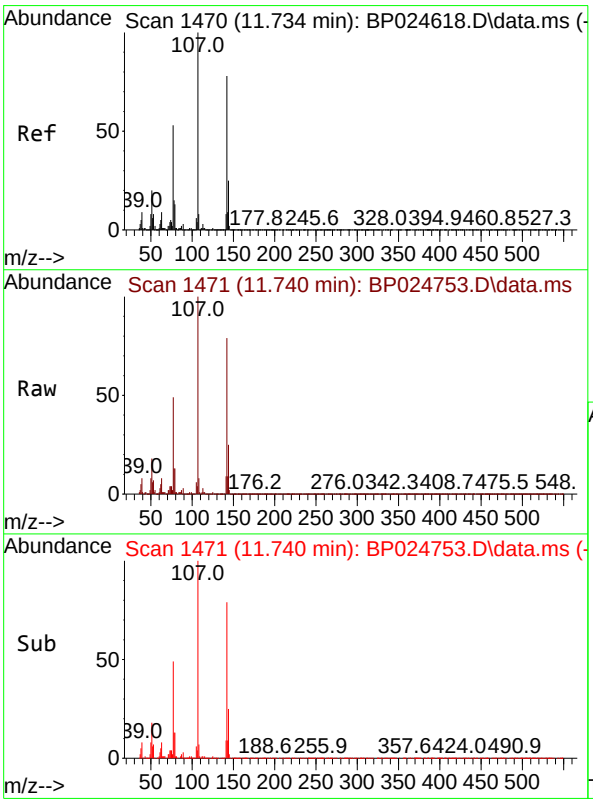
#35
Caprolactam
Concen: 37.940 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 85017

Ion	Ratio	Lower	Upper
113	100		
55	136.2	119.0	159.0
56	111.6	90.3	130.3

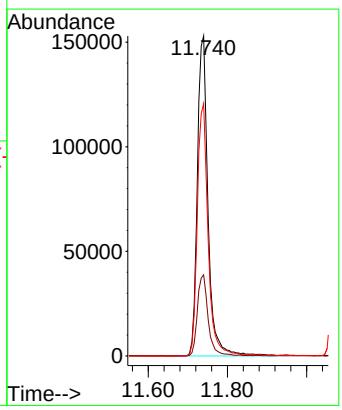


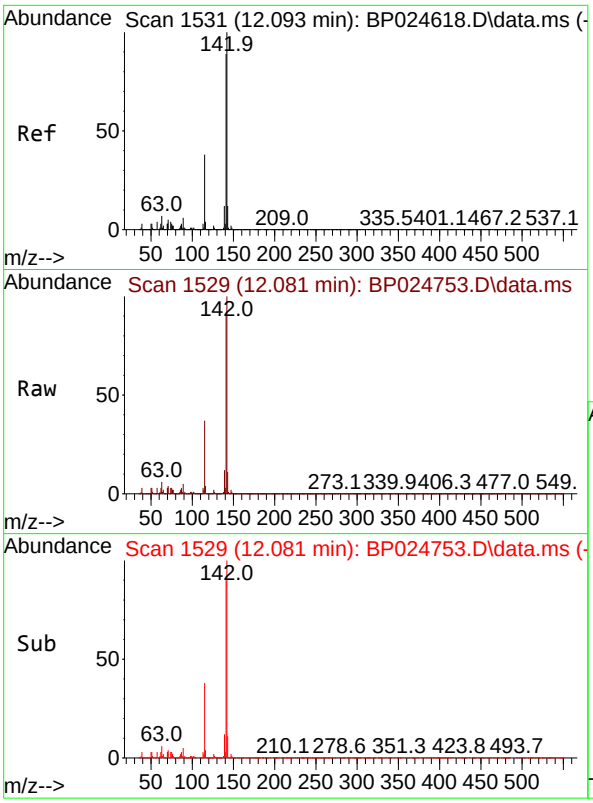


#36
4-Chloro-3-methylphenol
Concen: 37.828 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:107 Resp: 285718

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.1	30.1
142	78.9	62.1	93.1



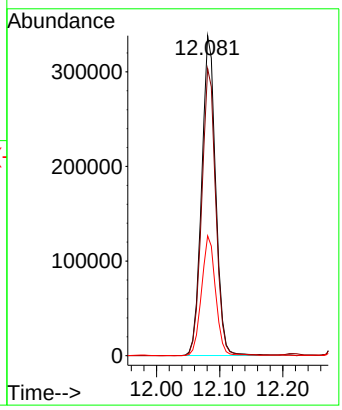


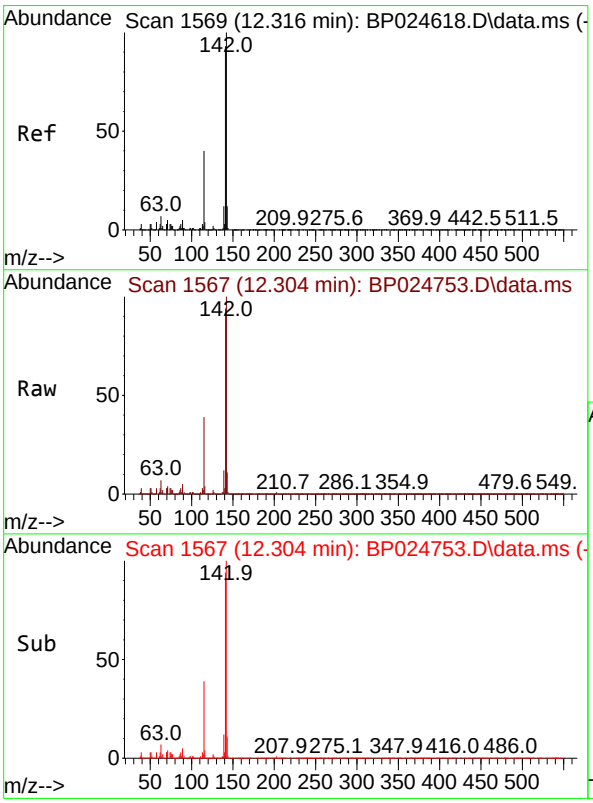
#37
2-Methylnaphthalene
Concen: 36.728 ng
RT: 12.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 523458

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.2	106.8
115	37.4	30.6	46.0

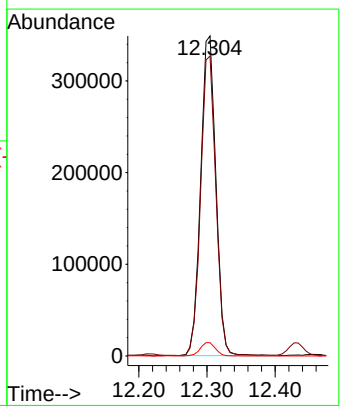


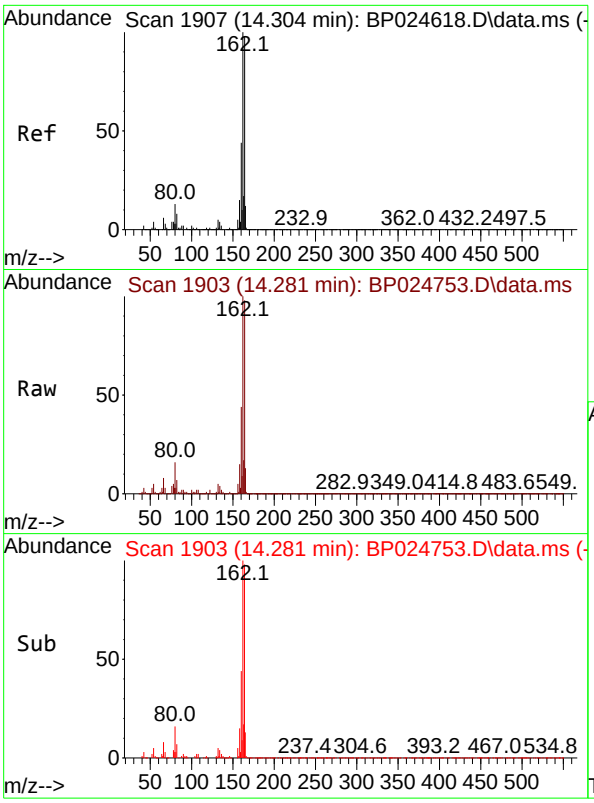


#38
1-Methylnaphthalene
Concen: 35.575 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:142 Resp: 542501

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1
116	4.2	3.4	5.2



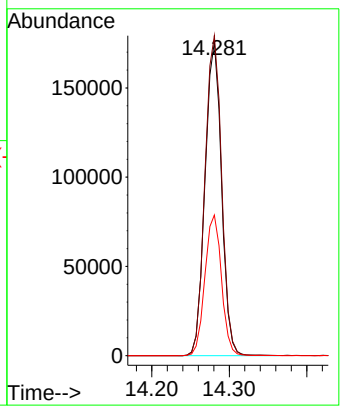


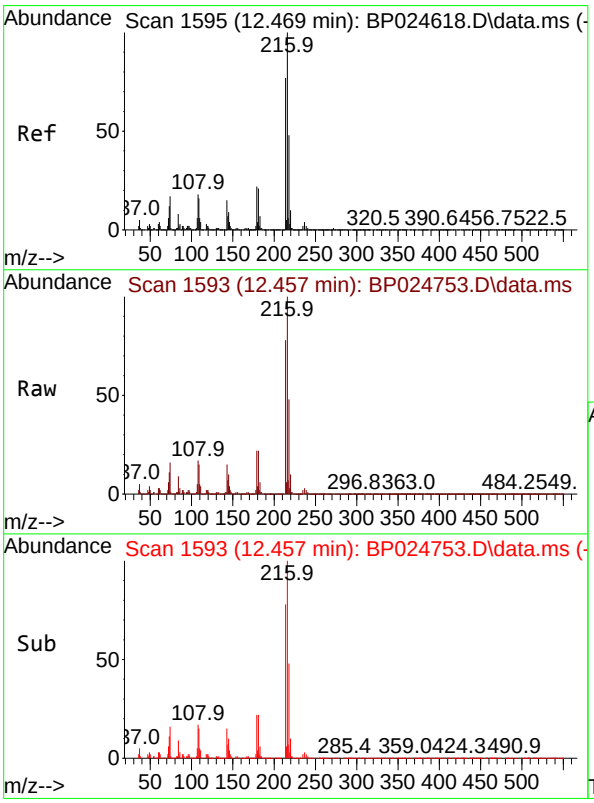
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.281 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 258861

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	44.8	36.3	54.5

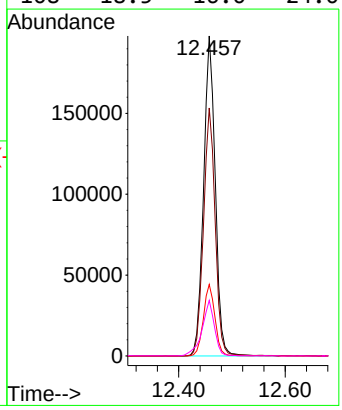


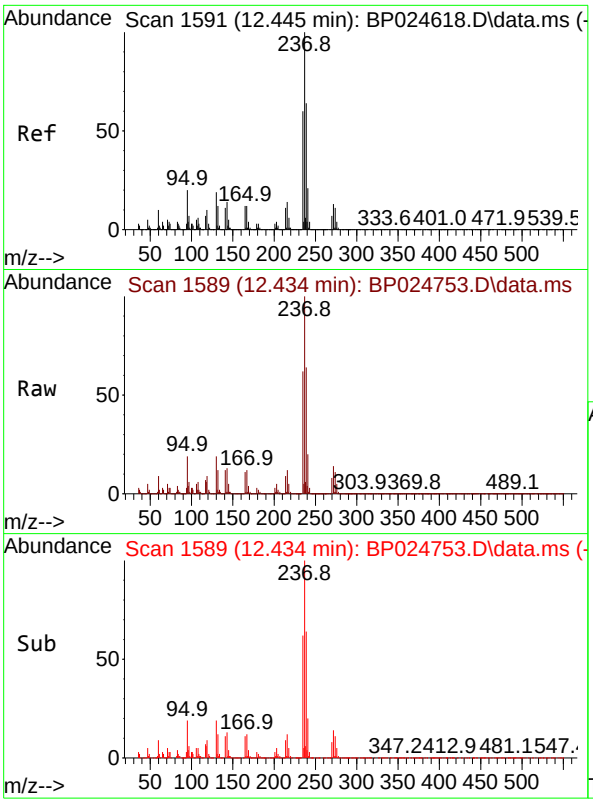


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.982 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:216 Resp: 300547

Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.3	93.5
179	22.2	17.7	26.5
108	18.5	16.0	24.0



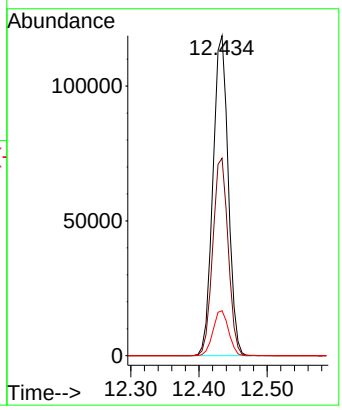


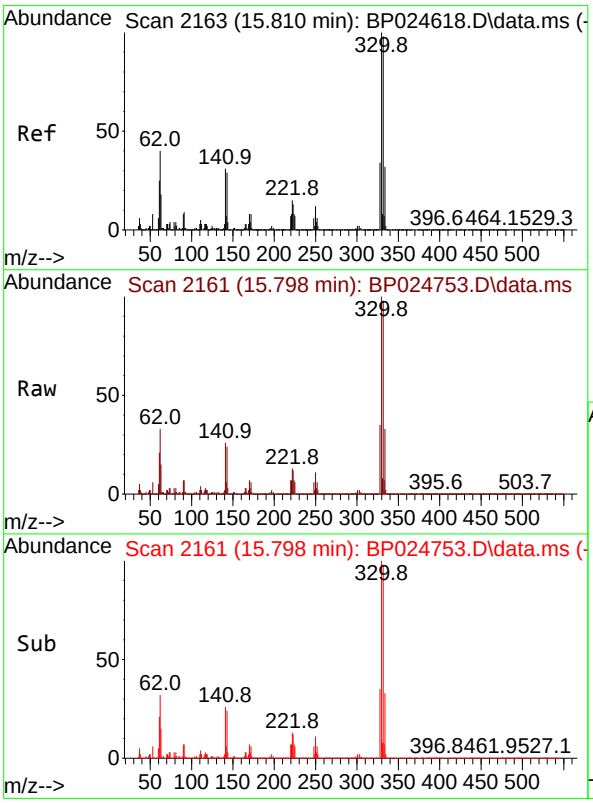
#41
Hexachlorocyclopentadiene
Concen: 40.752 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 185751

Ion	Ratio	Lower	Upper
237	100		
235	61.7	39.9	79.9
272	14.1	0.0	33.2

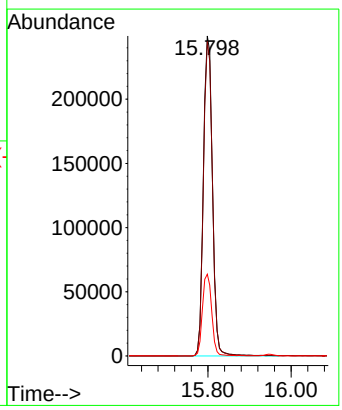


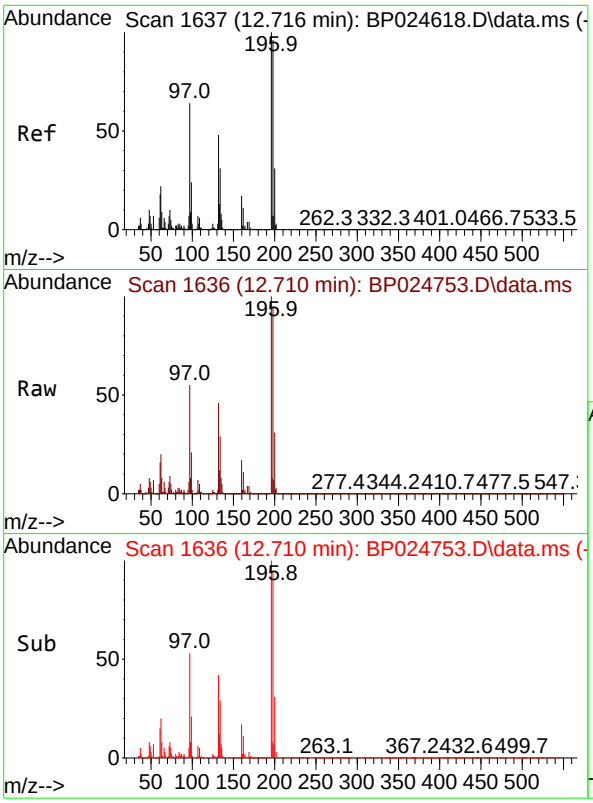


#42
2,4,6-Tribromophenol
Concen: 85.966 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:330 Resp: 377255

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.2	117.4
141	26.2	24.3	36.5



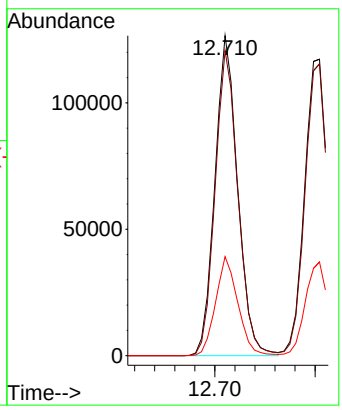


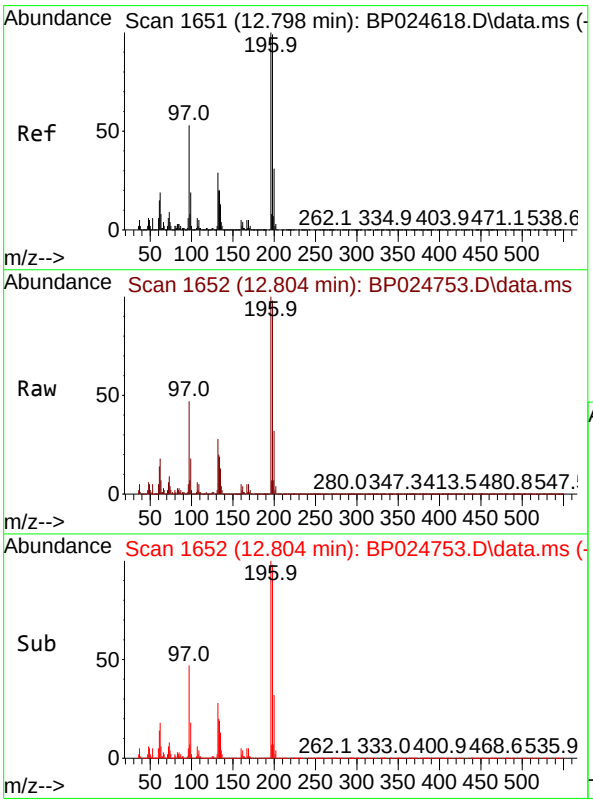
#43
2,4,6-Trichlorophenol
Concen: 40.962 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 199436

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.9	115.3
200	30.9	25.2	37.8

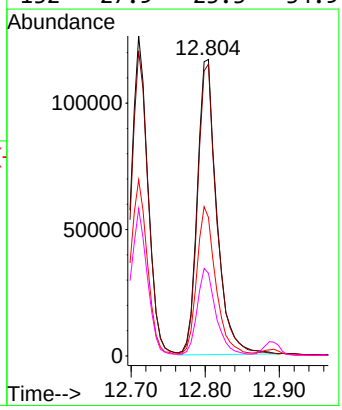


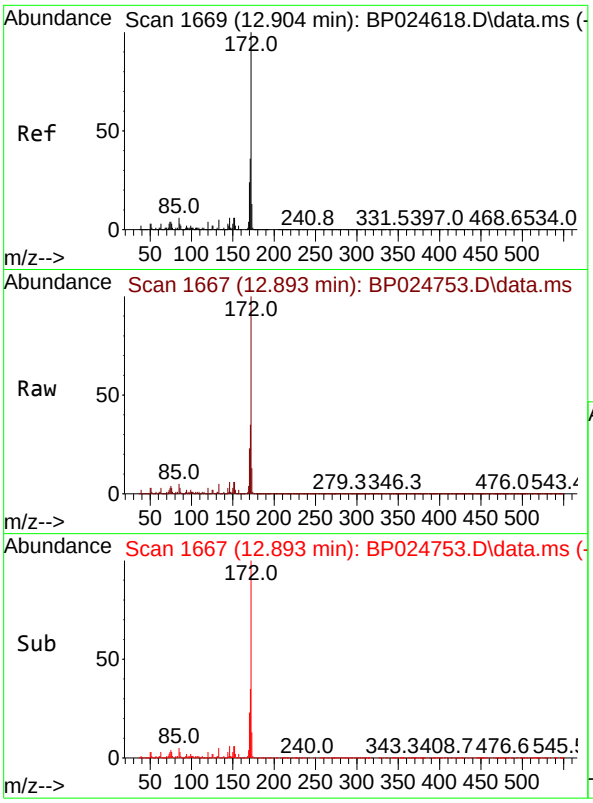


#44
2,4,5-Trichlorophenol
Concen: 39.385 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:196 Resp: 213455

Ion	Ratio	Lower	Upper
196	100		
198	98.4	79.2	118.8
97	46.8	42.3	63.5
132	27.9	23.3	34.9



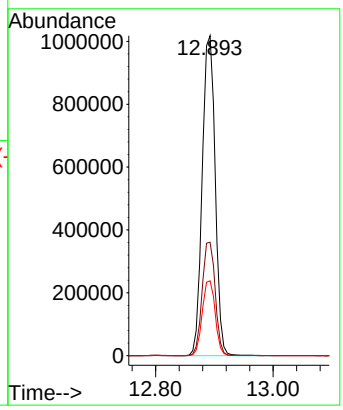


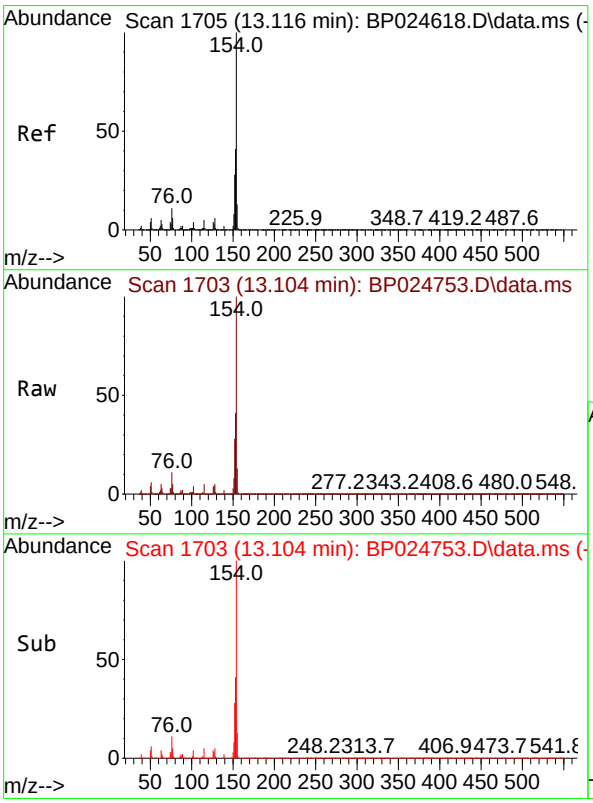
#45
2-Fluorobiphenyl
Concen: 78.711 ng
RT: 12.893 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1555207

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.8	43.2
170	23.4	18.8	28.2

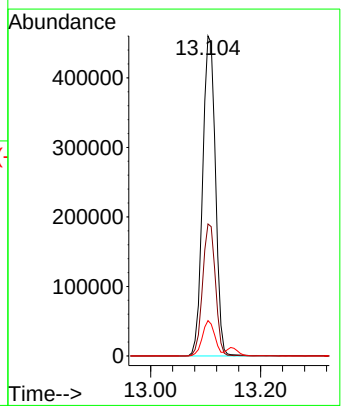


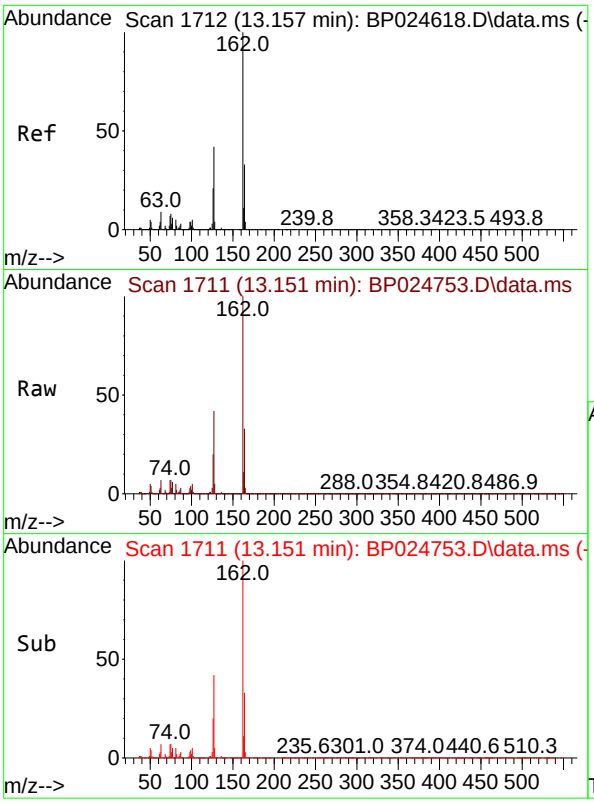


#46
1,1'-Biphenyl
Concen: 38.890 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:154 Resp: 744062

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.0	61.0
76	11.1	0.0	31.5



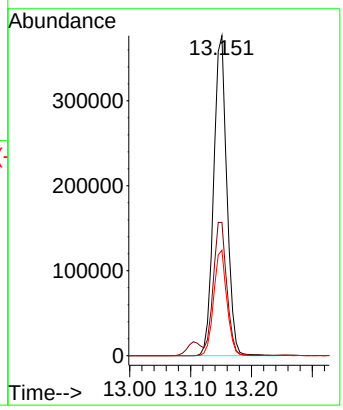


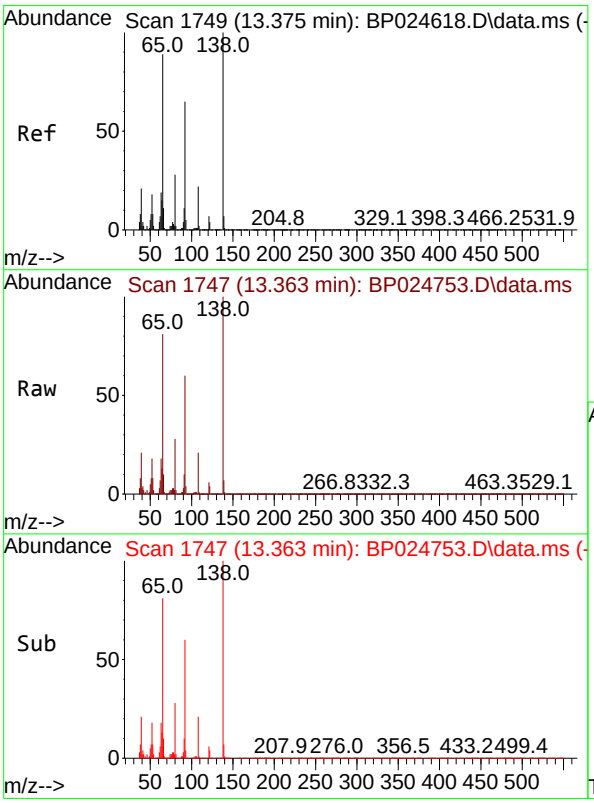
#47
2-Chloronaphthalene
Concen: 38.831 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 566469

Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.8	50.6
164	32.9	26.0	39.0

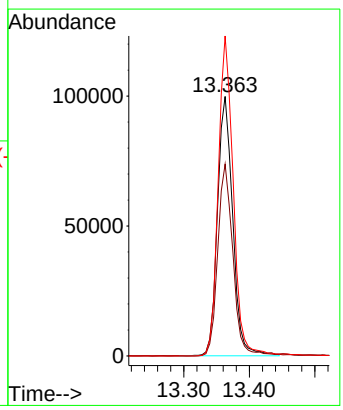


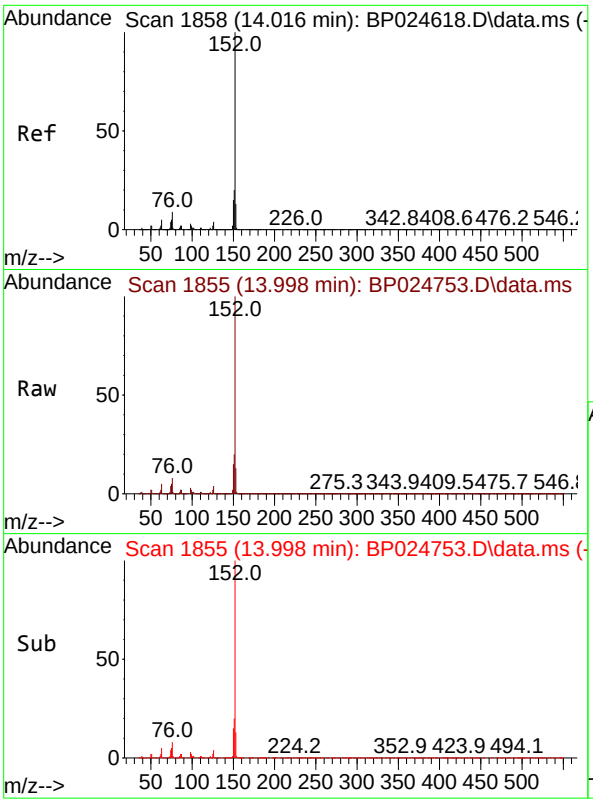


#48
2-Nitroaniline
Concen: 37.387 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion: 65 Resp: 161474

Ion	Ratio	Lower	Upper
65	100		
92	73.9	58.7	88.1
138	123.3	90.2	135.2



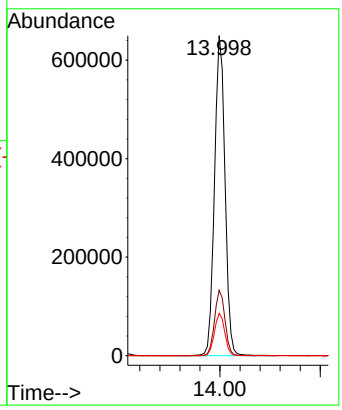


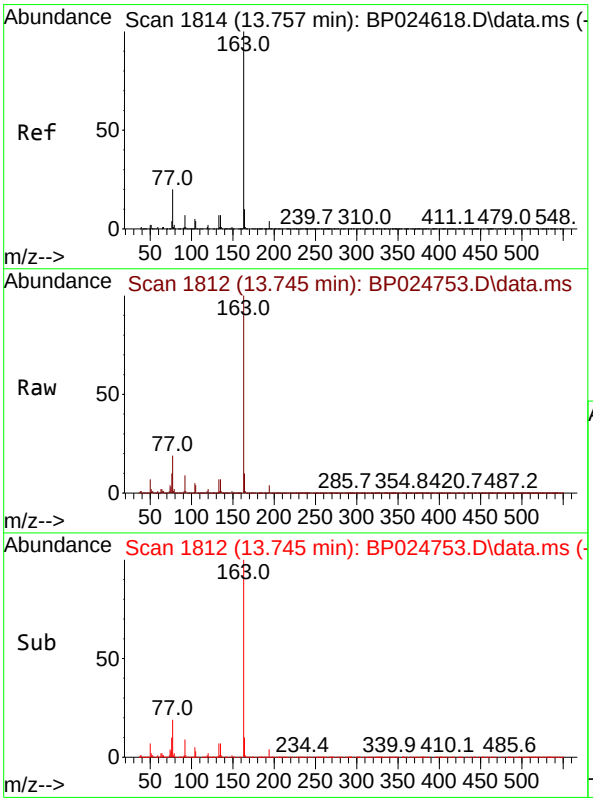
#49
Acenaphthylene
Concen: 38.561 ng
RT: 13.998 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 941385

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.2	10.2	15.4

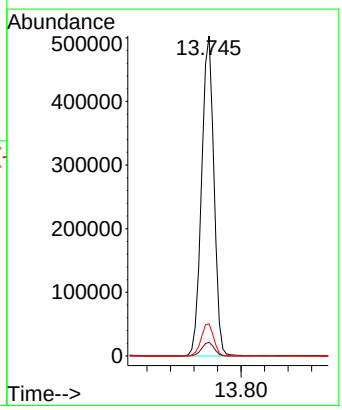


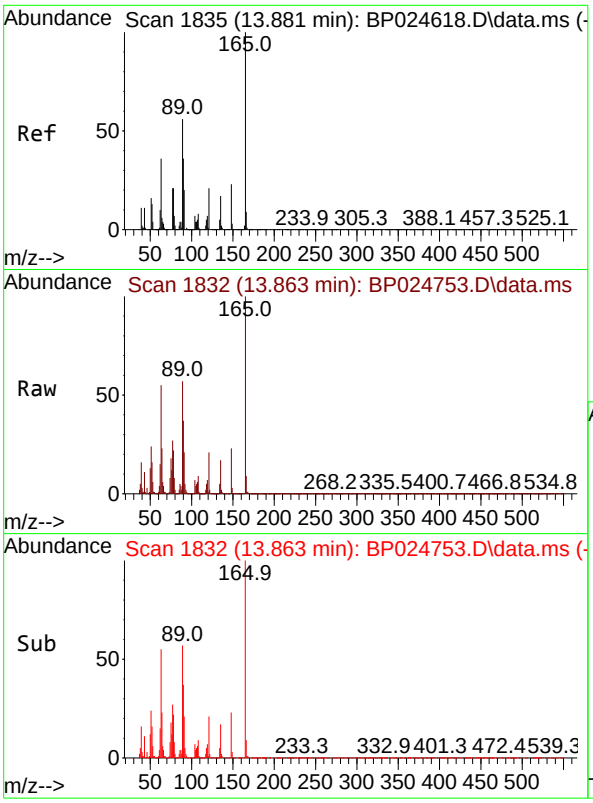


#50
Dimethylphthalate
Concen: 37.315 ng
RT: 13.745 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:163 Resp: 736236

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.1	12.1



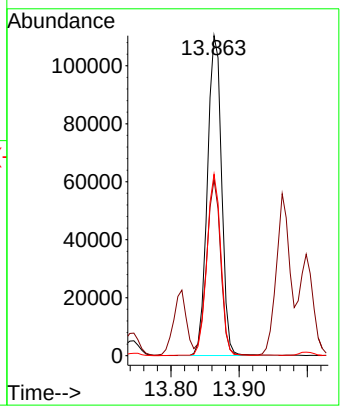


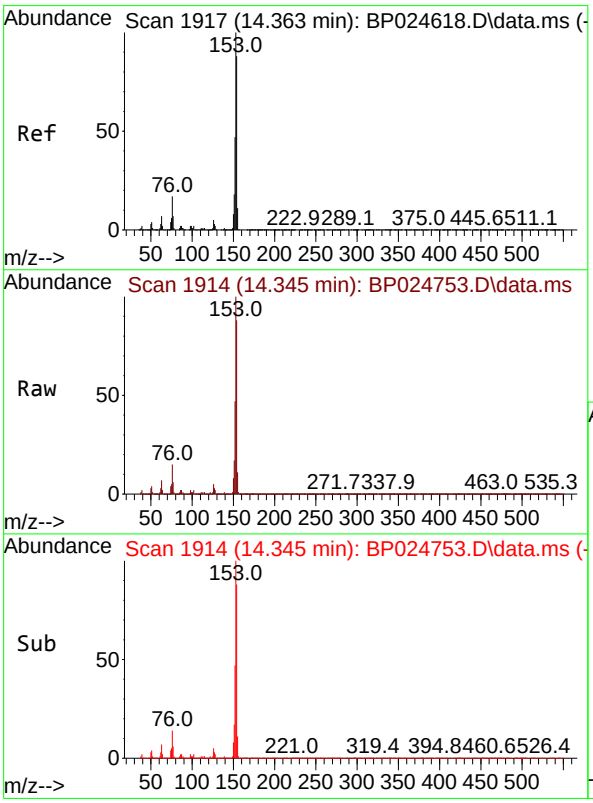
#51
2,6-Dinitrotoluene
Concen: 38.326 ng
RT: 13.863 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 159704

Ion	Ratio	Lower	Upper
165	100		
63	55.0	42.4	63.6
89	56.7	44.8	67.2

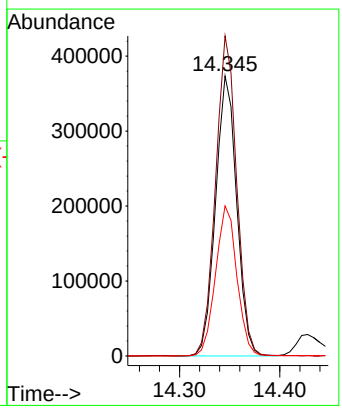


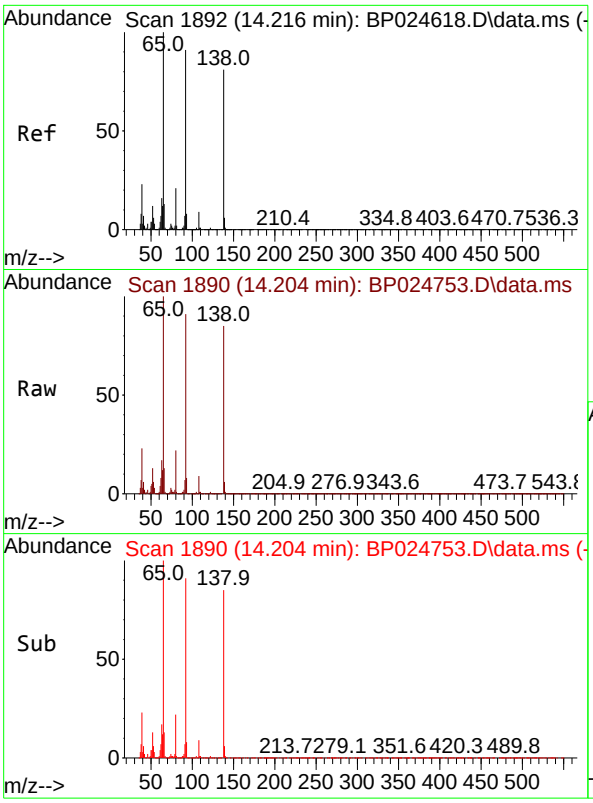


#52
Acenaphthene
Concen: 38.899 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:154 Resp: 545940

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.0	136.4
152	53.6	42.9	64.3



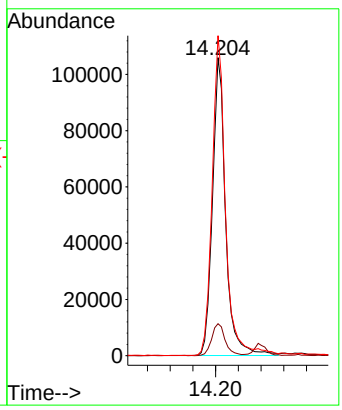


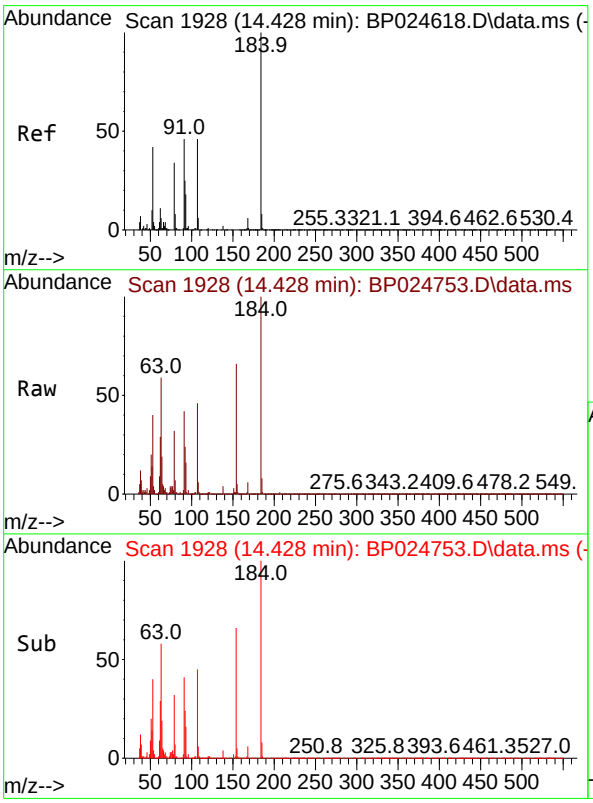
#53
3-Nitroaniline
Concen: 39.839 ng
RT: 14.204 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 169506

Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.0	13.4
92	107.3	90.1	135.1

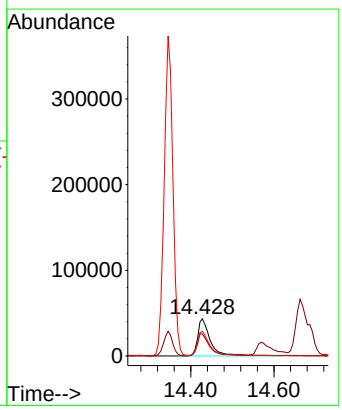


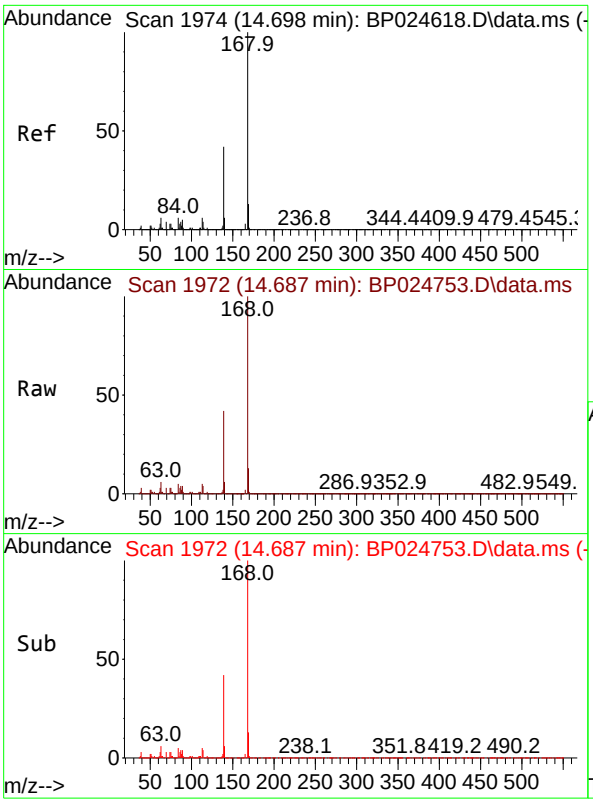


#54
2,4-Dinitrophenol
Concen: 38.598 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:184 Resp: 91959

Ion	Ratio	Lower	Upper
184	100		
63	59.1	51.3	76.9
154	66.2	53.5	80.3



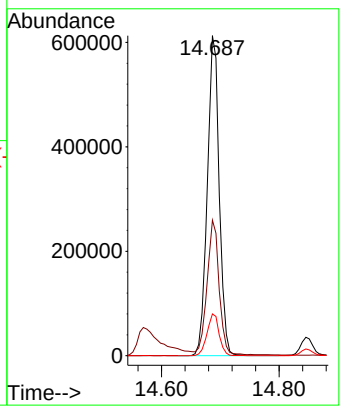


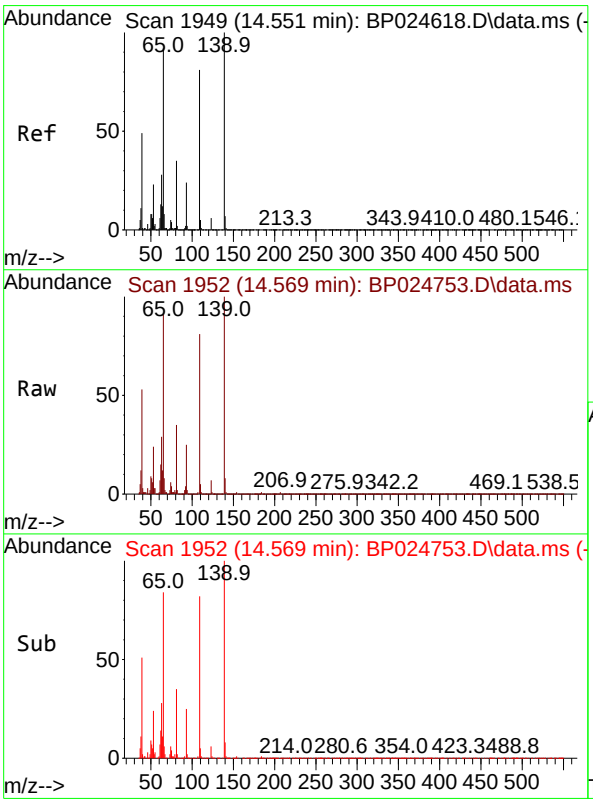
#55
Dibenzofuran
Concen: 38.494 ng
RT: 14.687 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 861722

Ion	Ratio	Lower	Upper
168	100		
139	42.3	34.2	51.4
169	13.1	10.8	16.2

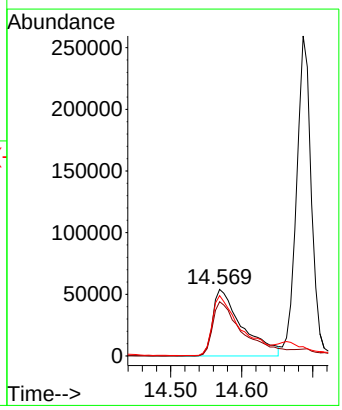


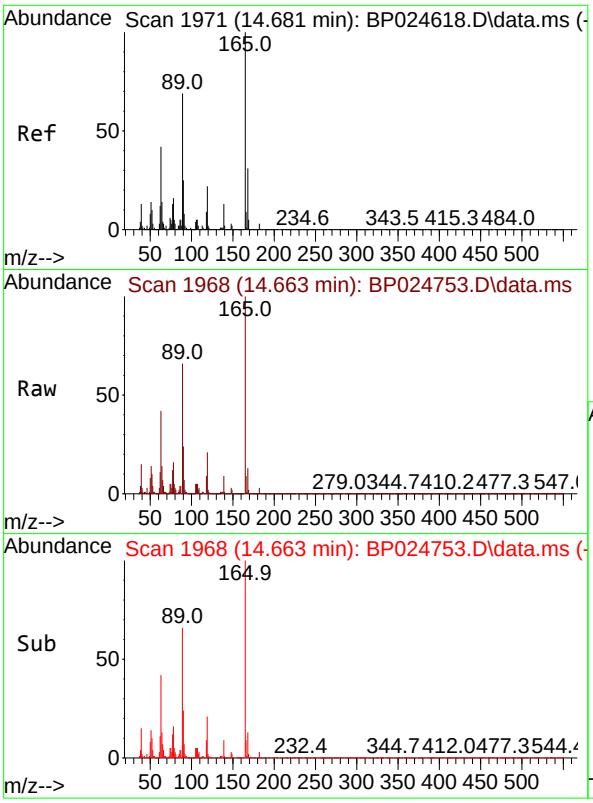


#56
4-Nitrophenol
Concen: 43.899 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:139 Resp: 154275

Ion	Ratio	Lower	Upper
139	100		
109	81.4	61.4	101.4
65	90.5	72.2	112.2



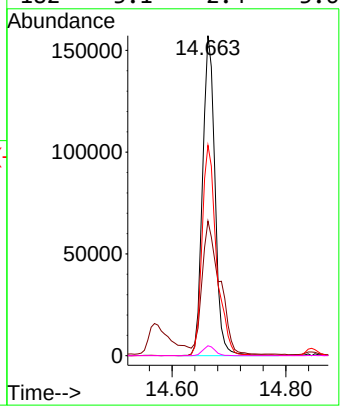


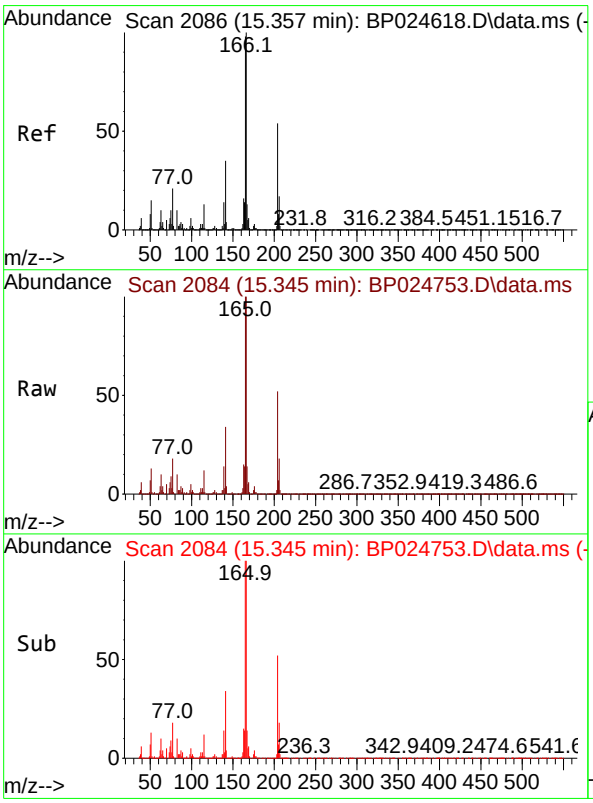
#57
2,4-Dinitrotoluene
Concen: 40.393 ng
RT: 14.663 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 237293

Ion	Ratio	Lower	Upper
165	100		
63	42.0	33.8	50.6
89	65.8	55.6	83.4
182	3.1	2.4	3.6

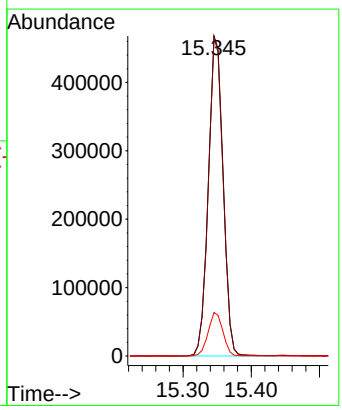


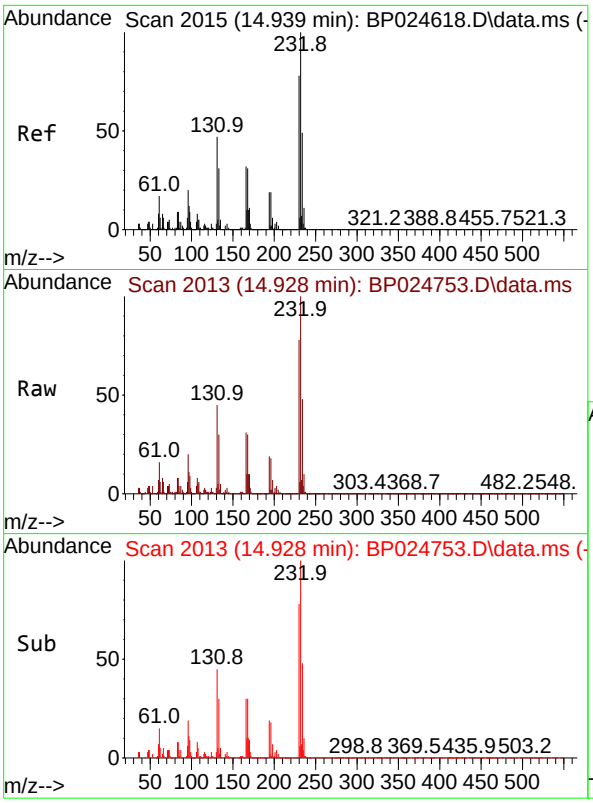


#58
Fluorene
Concen: 38.724 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:166 Resp: 706842

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.5	117.7
167	13.6	10.7	16.1



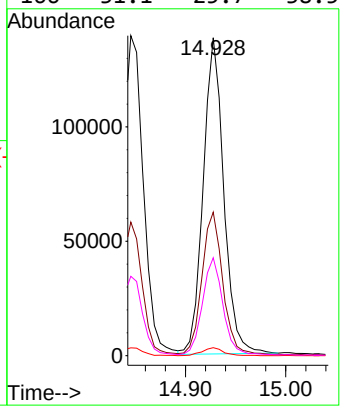


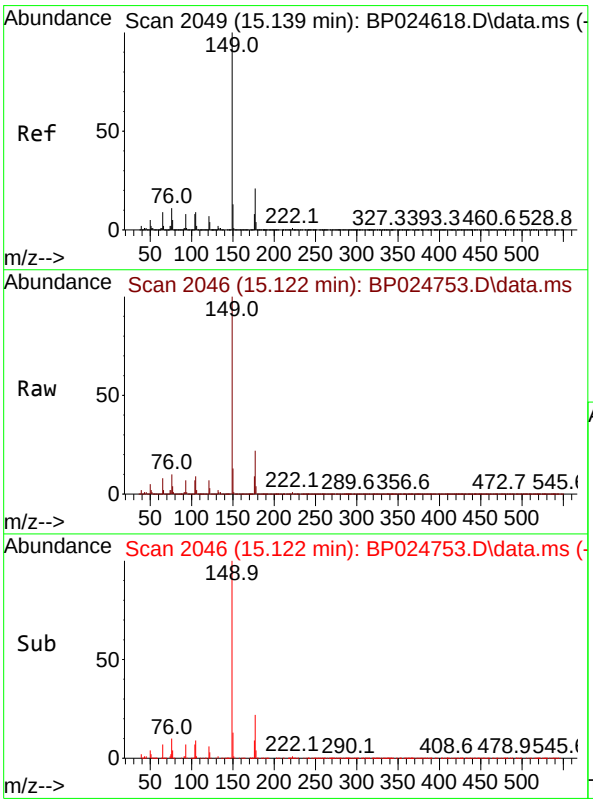
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.304 ng
RT: 14.928 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 197601

Ion	Ratio	Lower	Upper
232	100		
131	45.9	39.5	59.3
130	2.6	2.2	3.4
166	31.1	25.7	38.5

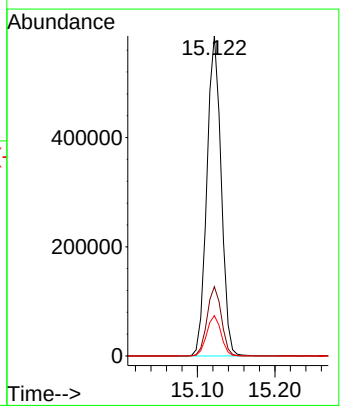


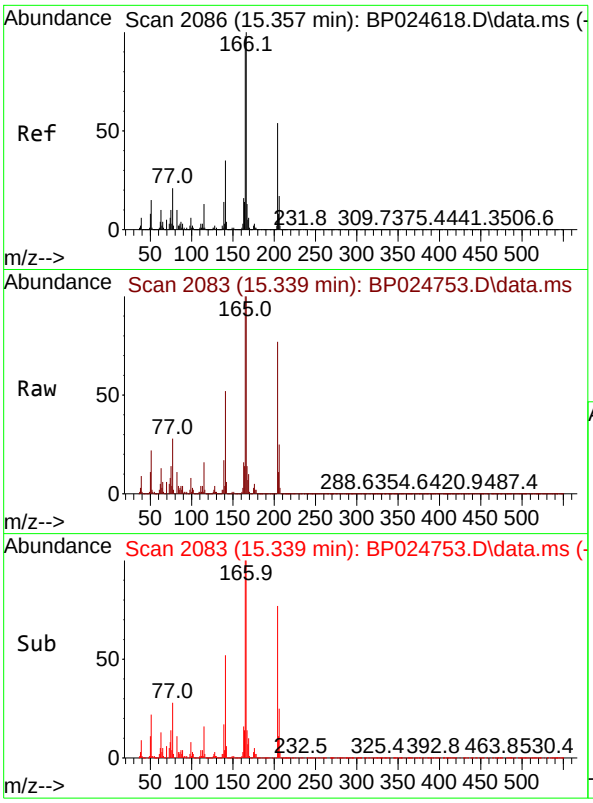


#60
Diethylphthalate
Concen: 37.552 ng
RT: 15.122 min Scan# 2046
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:149 Resp: 748861

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.6	10.2	15.2



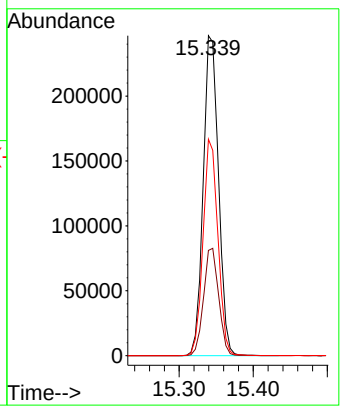


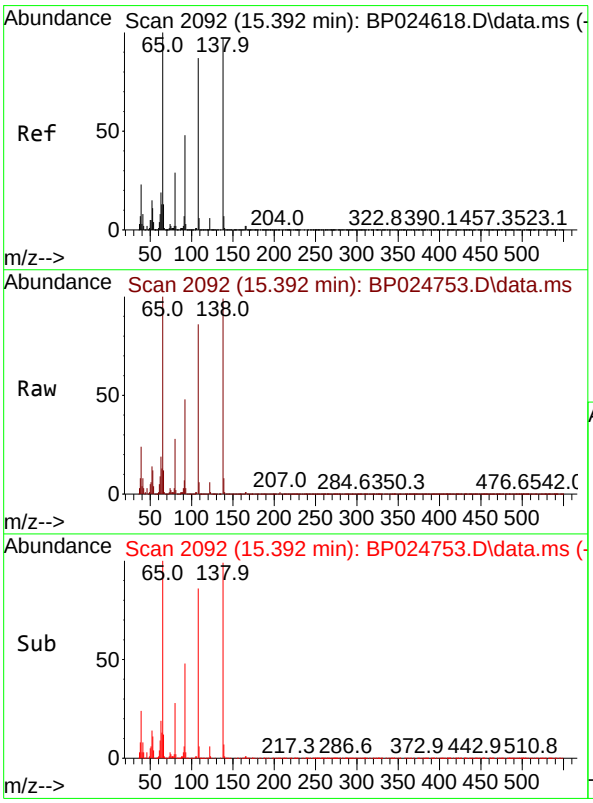
#61
4-Chlorophenyl-phenylether
Concen: 38.753 ng
RT: 15.339 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 352770

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	67.6	52.9	79.3

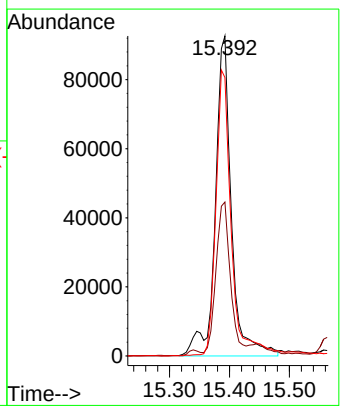


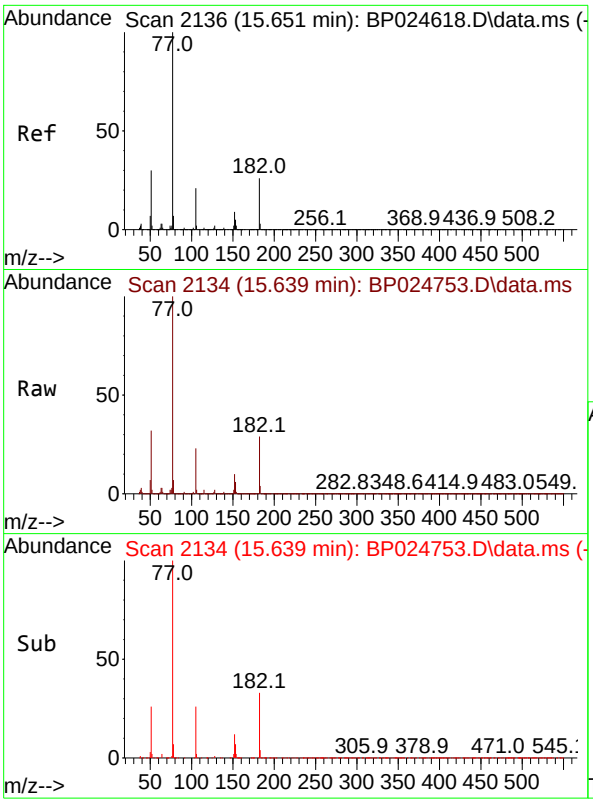


#62
4-Nitroaniline
Concen: 42.328 ng m
RT: 15.392 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:138 Resp: 173898

Ion	Ratio	Lower	Upper
138	100		
92	48.1	29.2	69.2
108	87.0	69.0	109.0



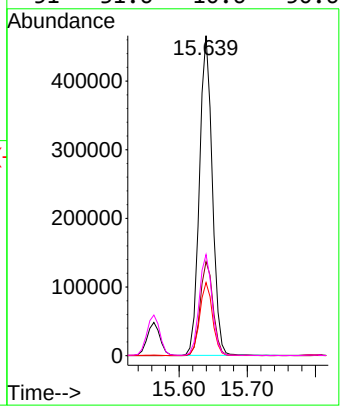


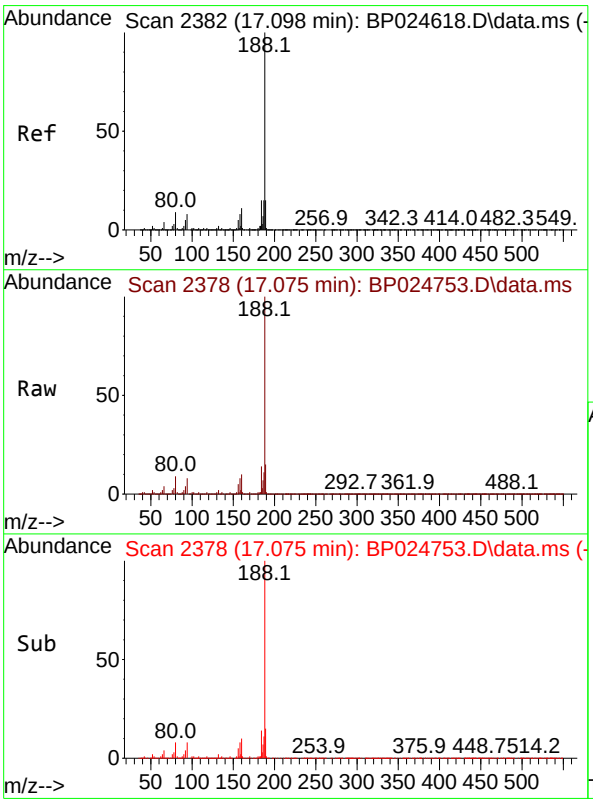
#63
Azobenzene
Concen: 35.788 ng
RT: 15.639 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 610526

Ion	Ratio	Lower	Upper
77	100		
182	29.4	5.7	45.7
105	22.8	1.3	41.3
51	31.6	10.6	50.6

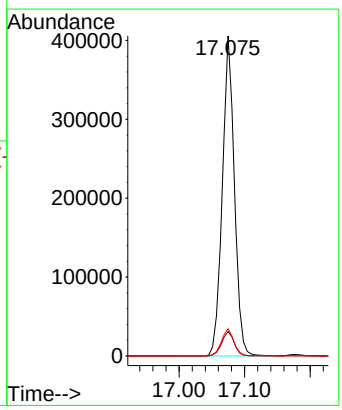


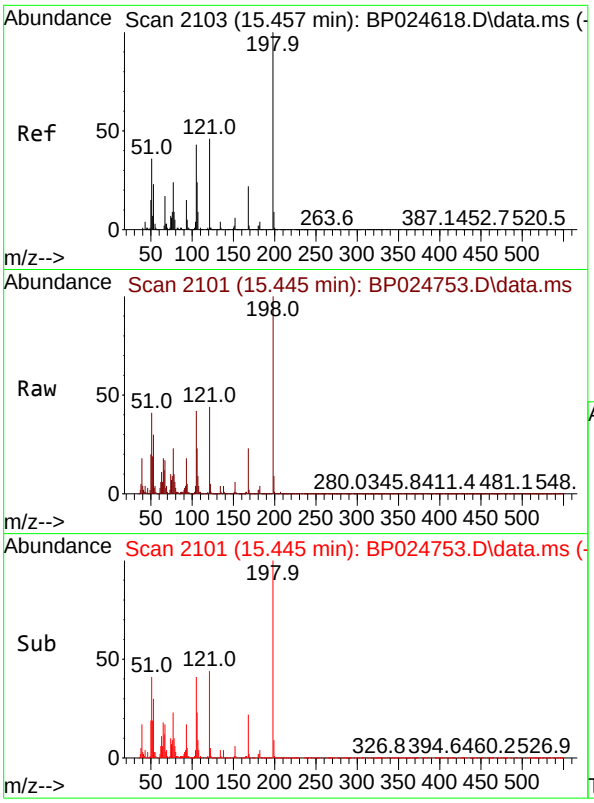


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.024 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:188 Resp: 515151

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.5	7.3	10.9



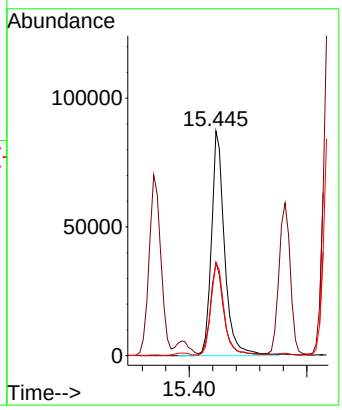


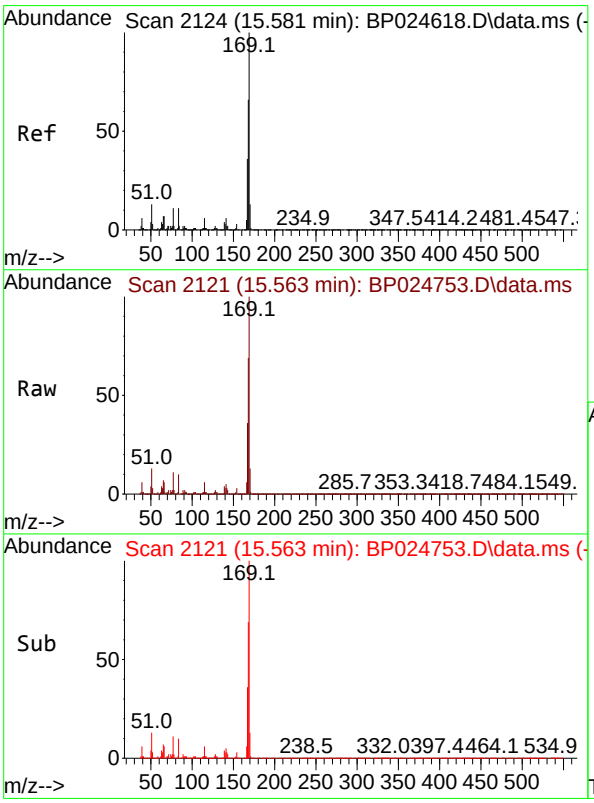
#65
4,6-Dinitro-2-methylphenol
Concen: 40.689 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 135394

Ion	Ratio	Lower	Upper
198	100		
51	41.3	21.1	61.1
105	41.6	23.6	63.6

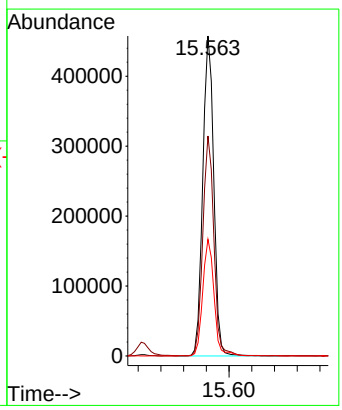


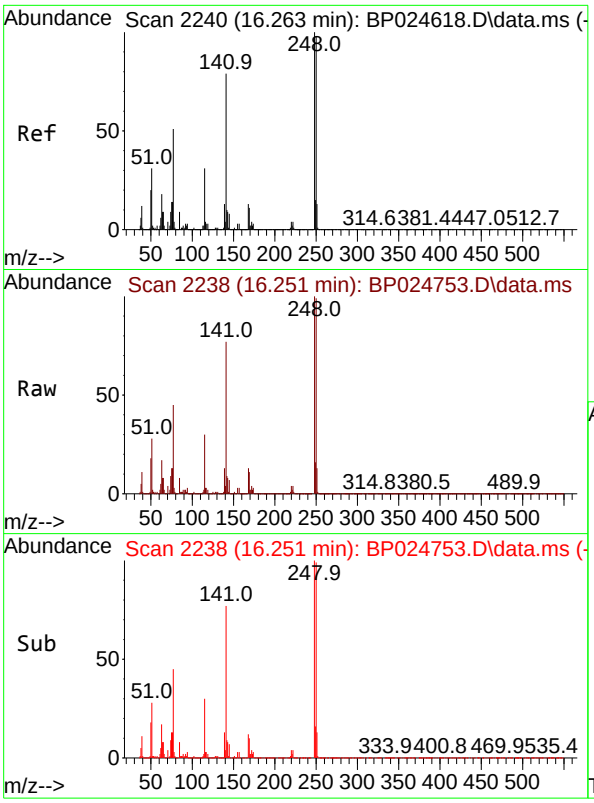


#66
n-Nitrosodiphenylamine
Concen: 38.716 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:169 Resp: 612621

Ion	Ratio	Lower	Upper
169	100		
168	68.7	53.2	79.8
167	36.5	28.6	43.0



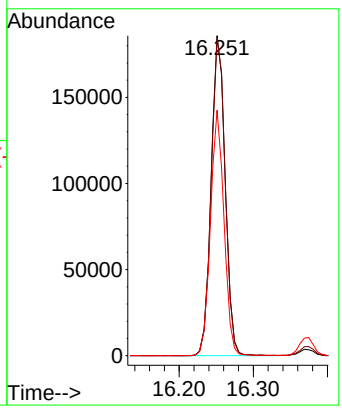


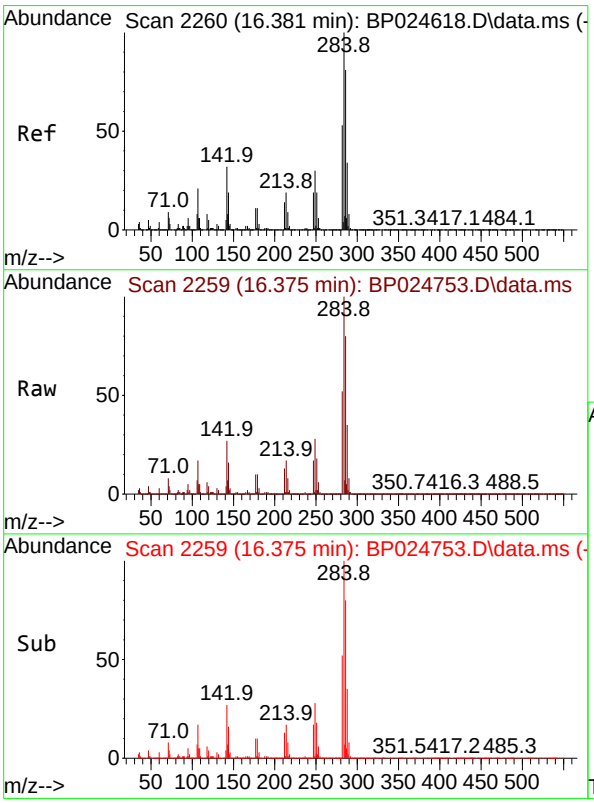
#67
4-Bromophenyl-phenylether
Concen: 40.197 ng
RT: 16.251 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 244008

Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.2	117.4
141	76.7	63.0	94.6

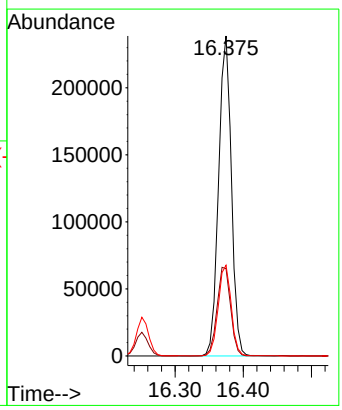


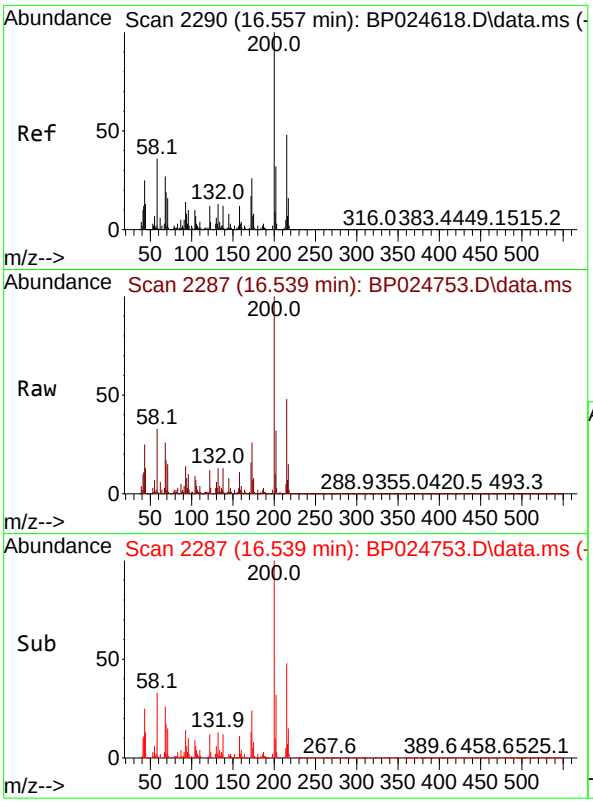


#68
Hexachlorobenzene
Concen: 40.264 ng
RT: 16.375 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:284 Resp: 310572

Ion	Ratio	Lower	Upper
284	100		
142	27.3	25.9	38.9
249	28.3	24.1	36.1



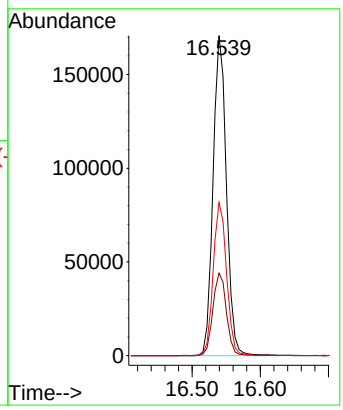


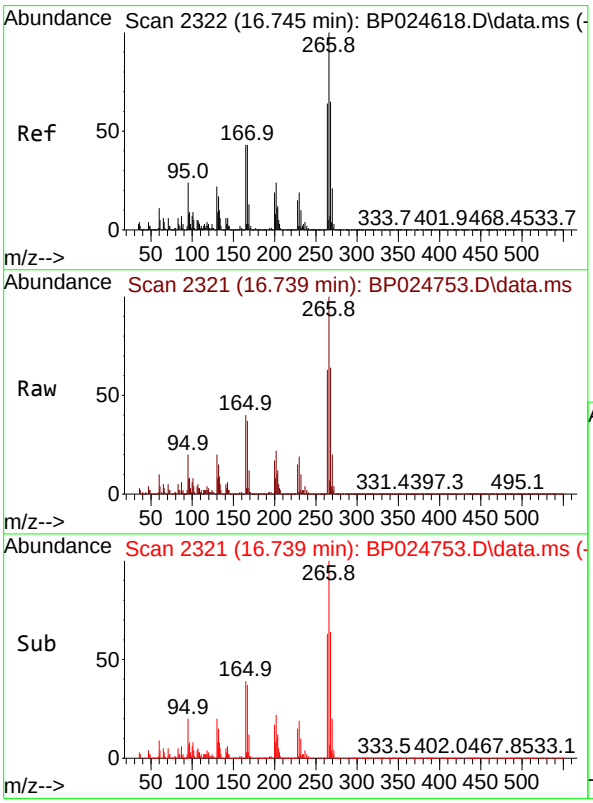
#69
Atrazine
Concen: 40.157 ng
RT: 16.539 min Scan# 2
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 232866

Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.9	45.9
215	47.9	28.3	68.3

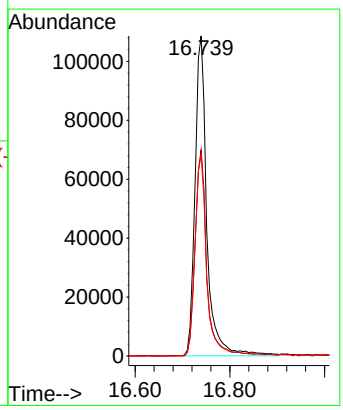


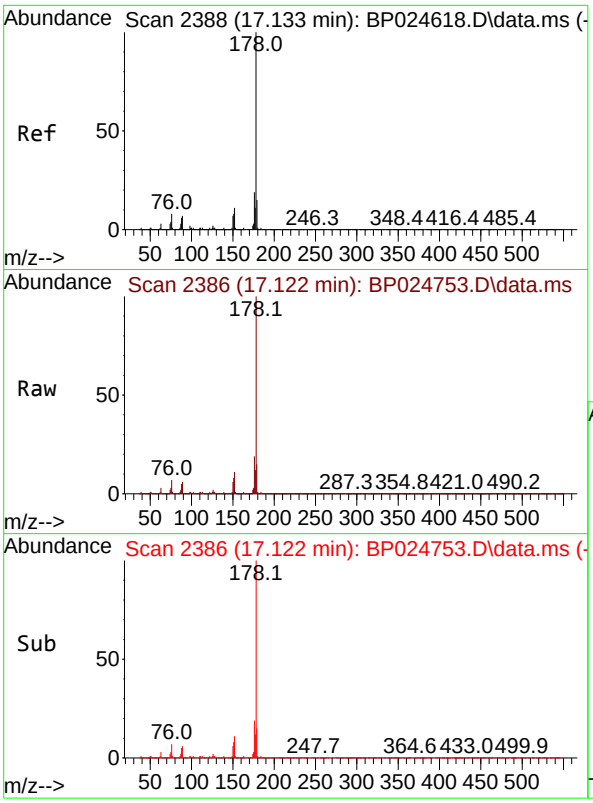


#70
Pentachlorophenol
Concen: 43.610 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:266 Resp: 188824

Ion	Ratio	Lower	Upper
266	100		
268	64.4	52.2	78.4
264	62.7	51.1	76.7



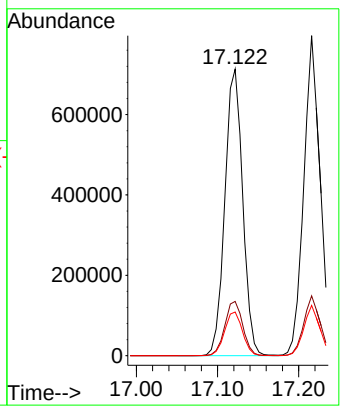


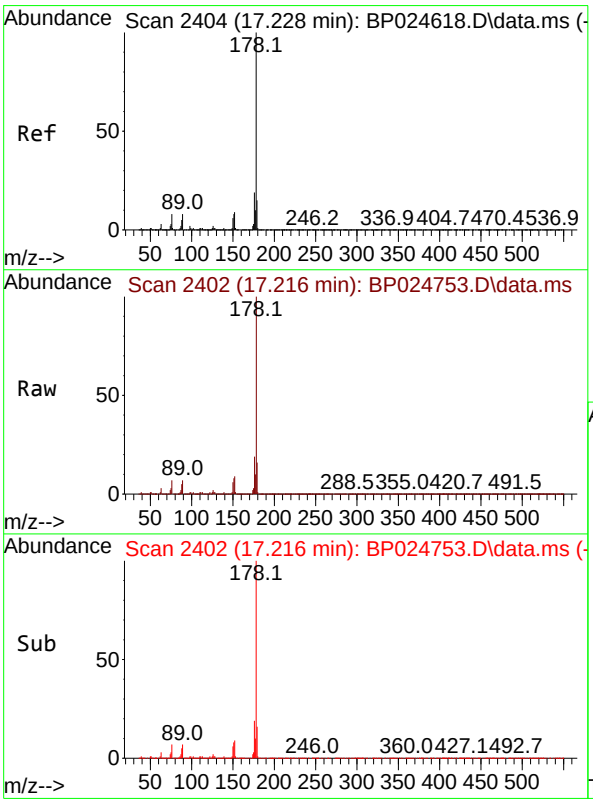
#71
Phenanthrene
Concen: 37.997 ng
RT: 17.122 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1088145

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.3	12.2	18.4

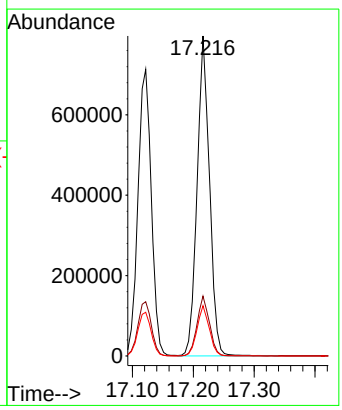


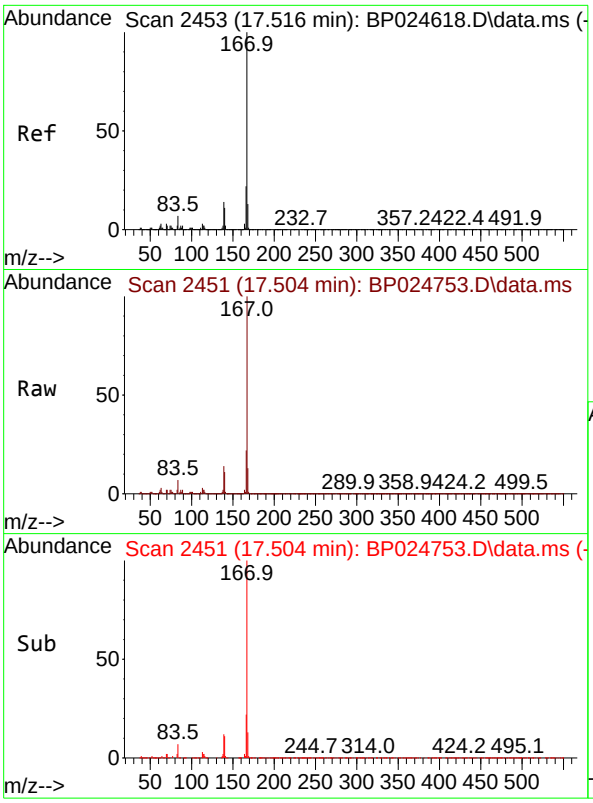


#72
Anthracene
Concen: 39.094 ng
RT: 17.216 min Scan# 2402
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:178 Resp: 1126427

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.2	18.2



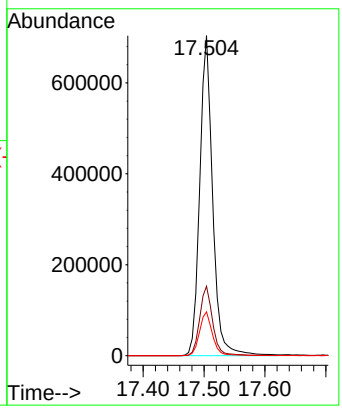


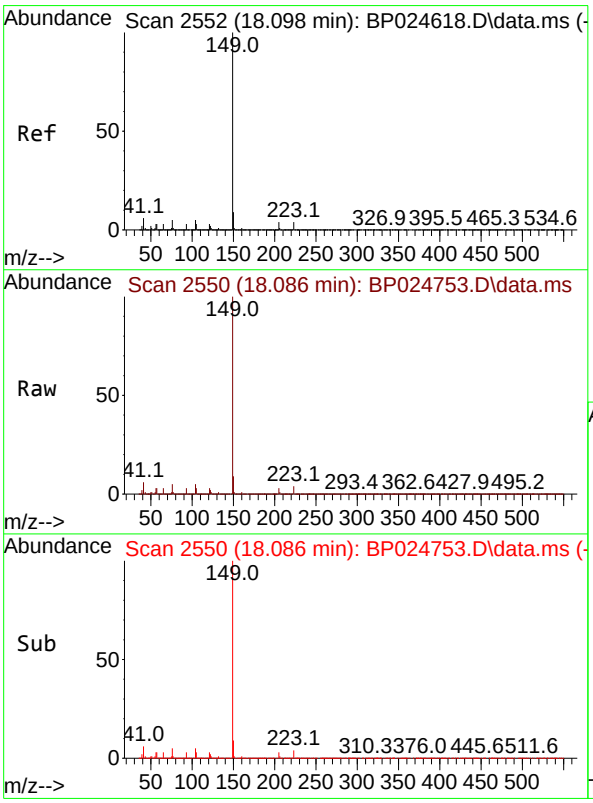
#73
Carbazole
Concen: 39.626 ng
RT: 17.504 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 1033405

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.7	11.3	16.9

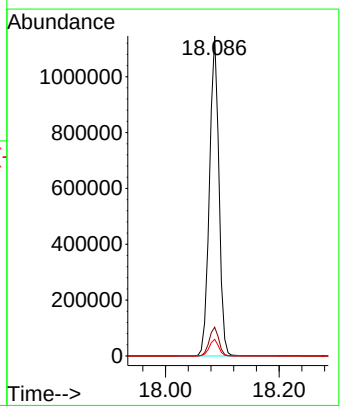


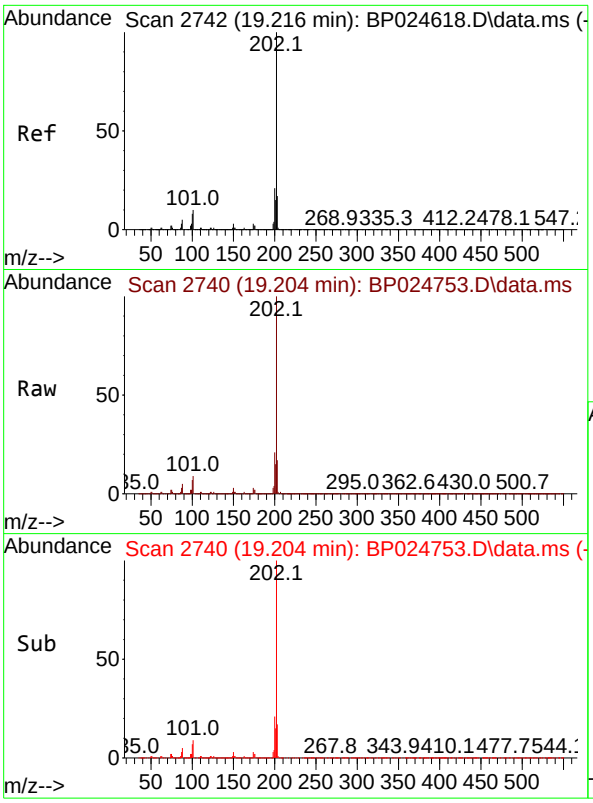


#74
Di-n-butylphthalate
Concen: 39.153 ng
RT: 18.086 min Scan# 2550
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:149 Resp: 1313152

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.2	10.8
104	5.2	4.3	6.5



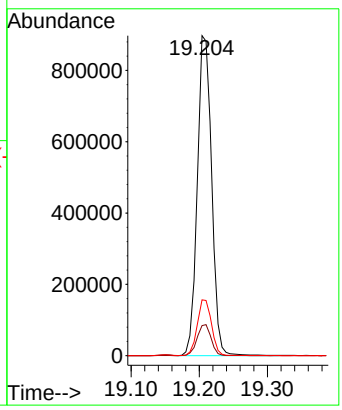


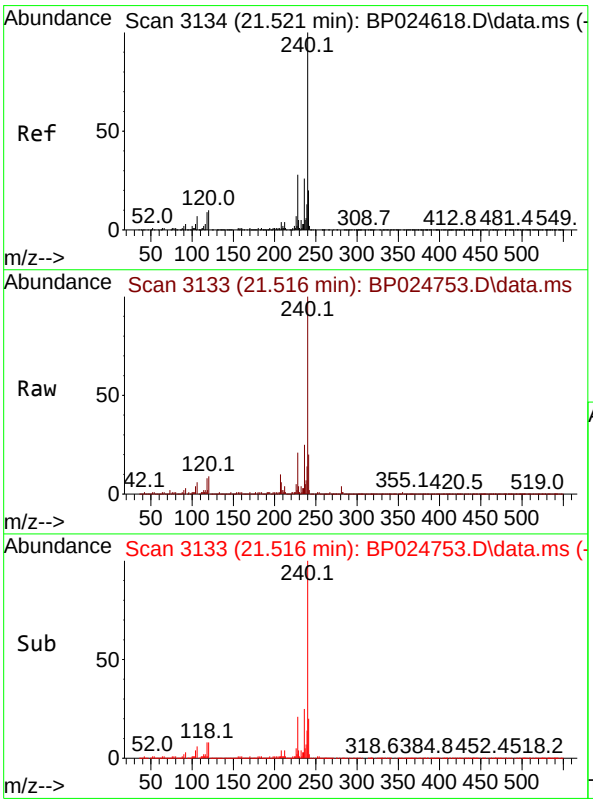
#75
Fluoranthene
Concen: 39.094 ng
RT: 19.204 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1308696

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	17.5	0.0	37.5

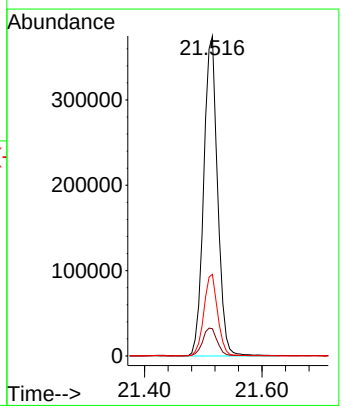


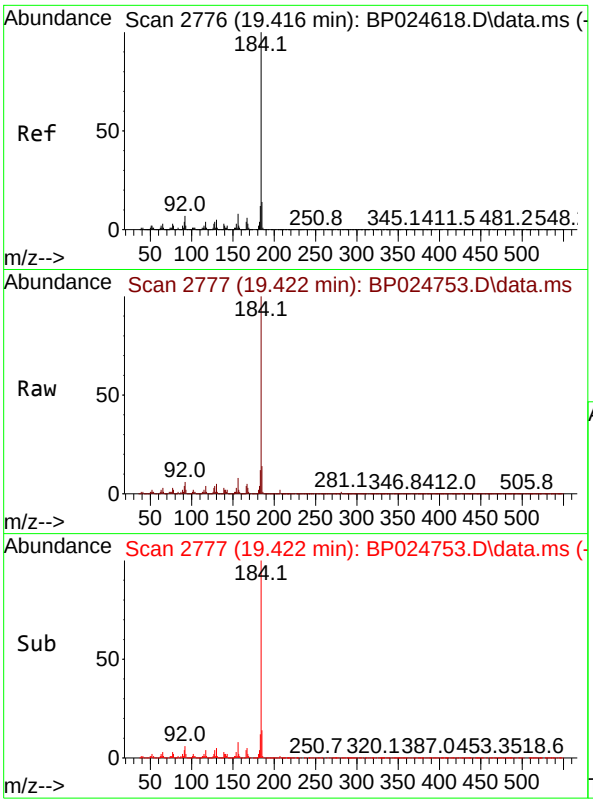


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:240 Resp: 613668

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	25.5	20.6	31.0



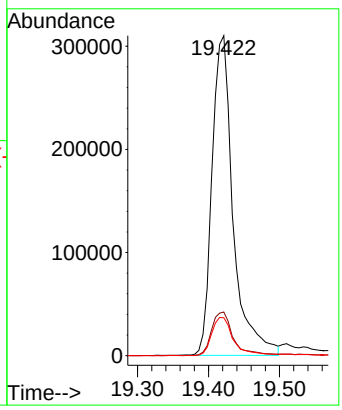


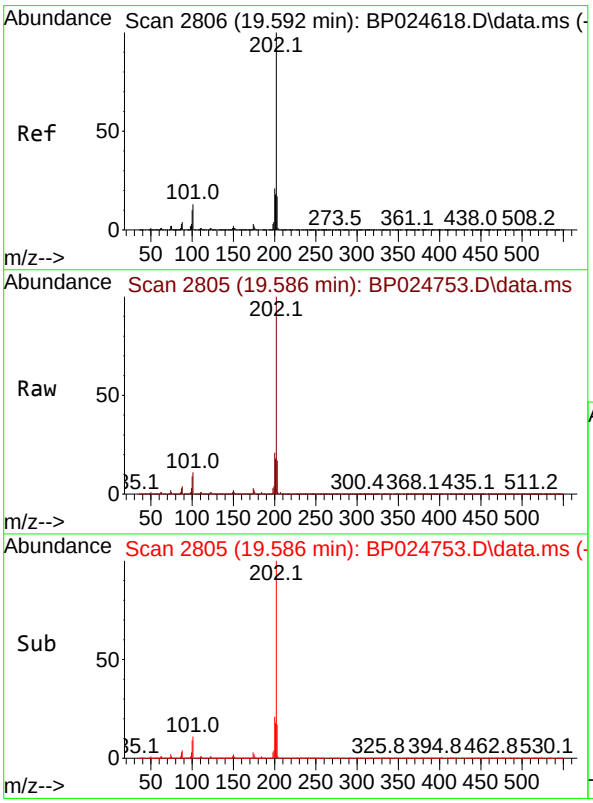
#77
Benzidine
Concen: 38.276 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 639743

Ion	Ratio	Lower	Upper
184	100		
185	13.6	11.2	16.8
183	11.8	9.8	14.8

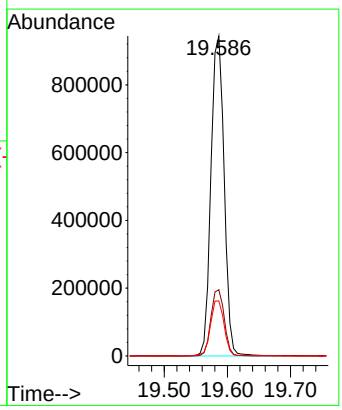


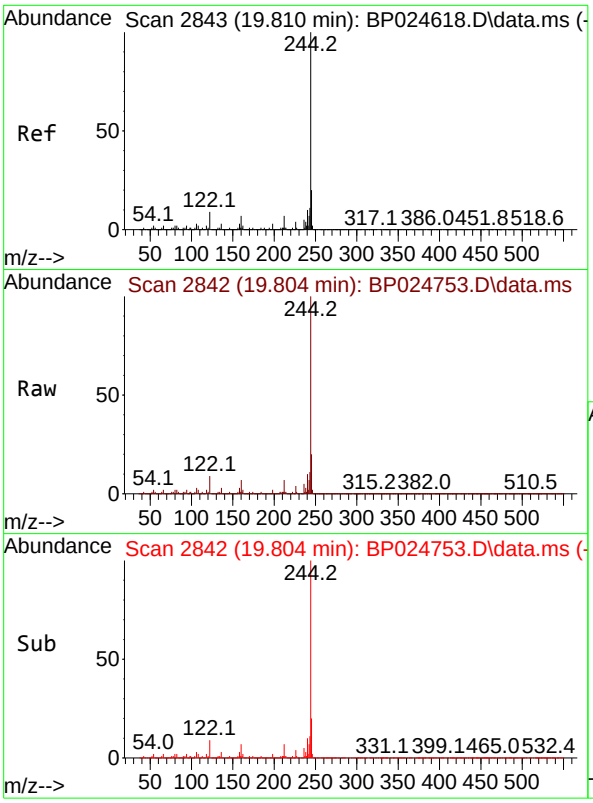


#78
Pyrene
Concen: 37.187 ng
RT: 19.586 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:202 Resp: 1367365

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.2	13.9	20.9



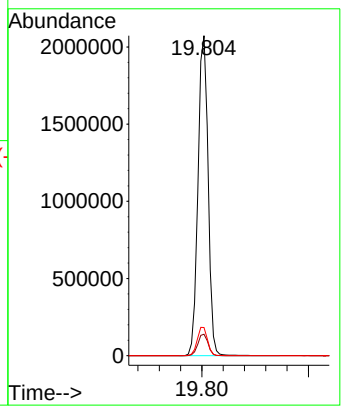


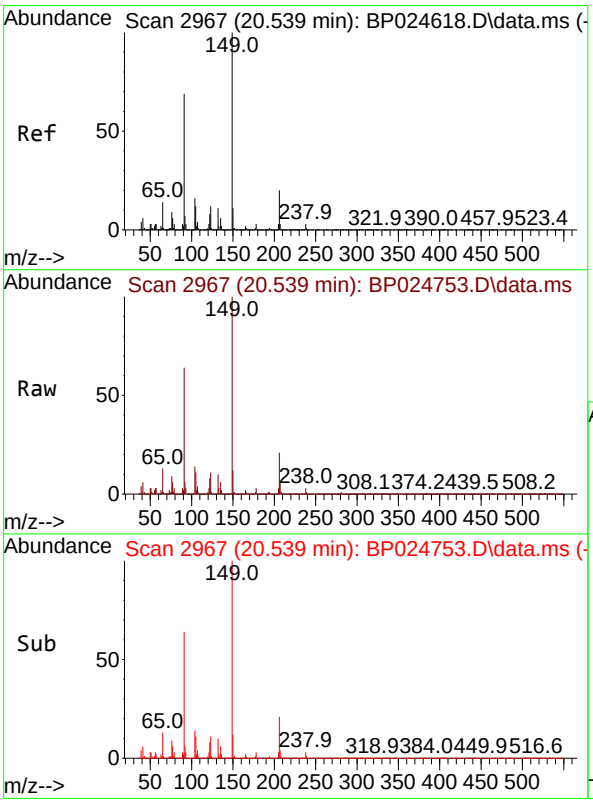
#79
Terphenyl-d14
Concen: 76.121 ng
RT: 19.804 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 2724263

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	8.8	7.4	11.0

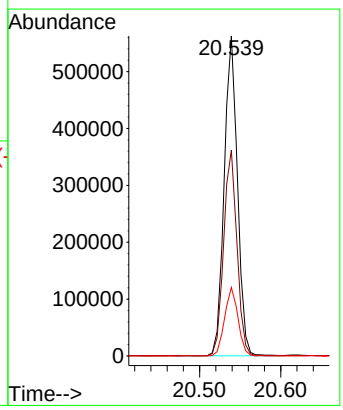


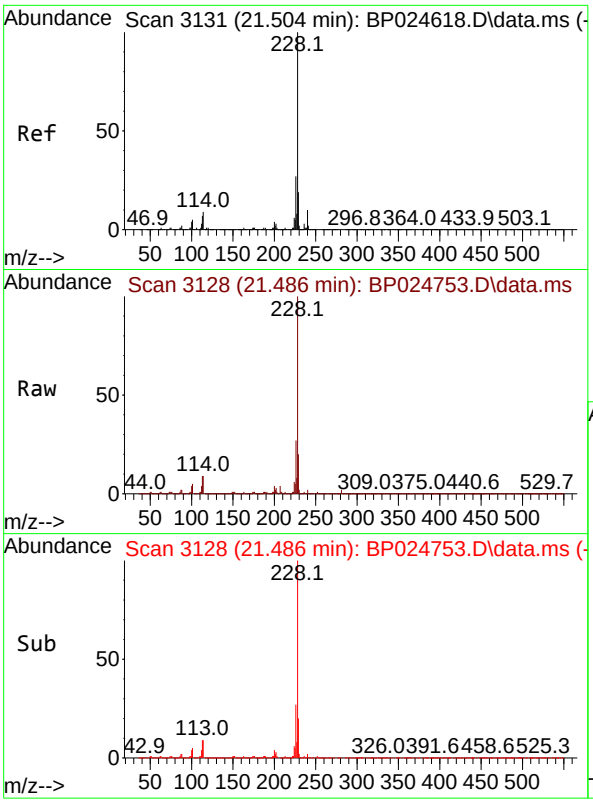


#80
Butylbenzylphthalate
Concen: 39.107 ng
RT: 20.539 min Scan# 2967
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:149 Resp: 639516

Ion	Ratio	Lower	Upper
149	100		
91	64.4	55.4	83.0
206	21.4	16.2	24.2



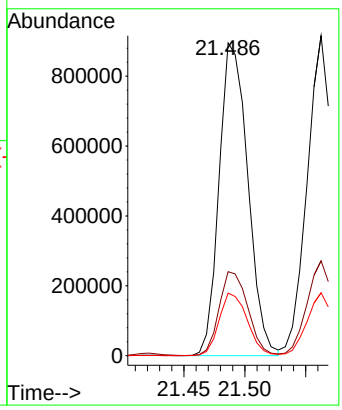


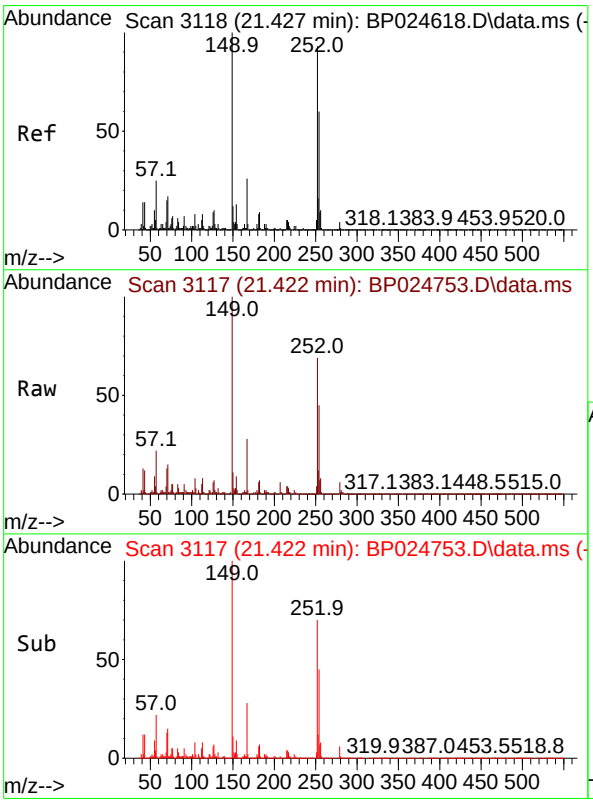
#81
Benzo(a)anthracene
Concen: 38.104 ng
RT: 21.486 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1468260

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	20.0	15.5	23.3

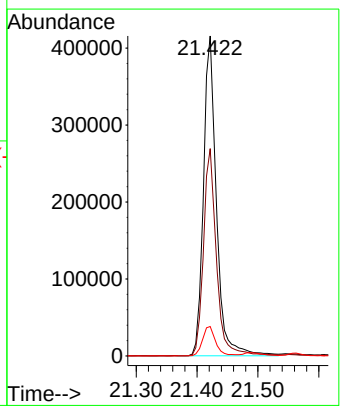


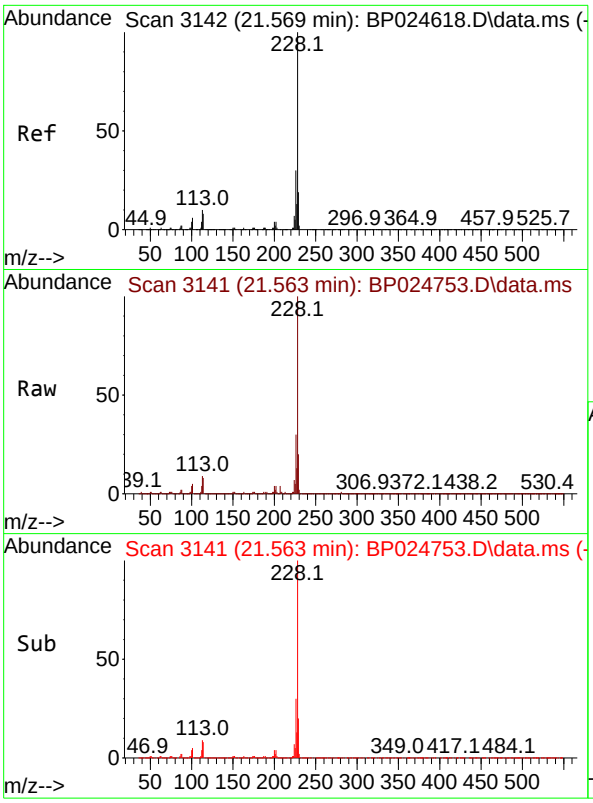


#82
3,3'-Dichlorobenzidine
Concen: 43.059 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:252 Resp: 616258

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.6
126	9.2	7.7	11.5



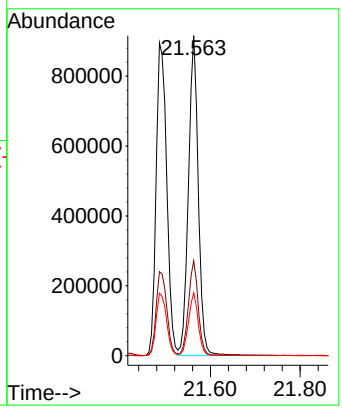


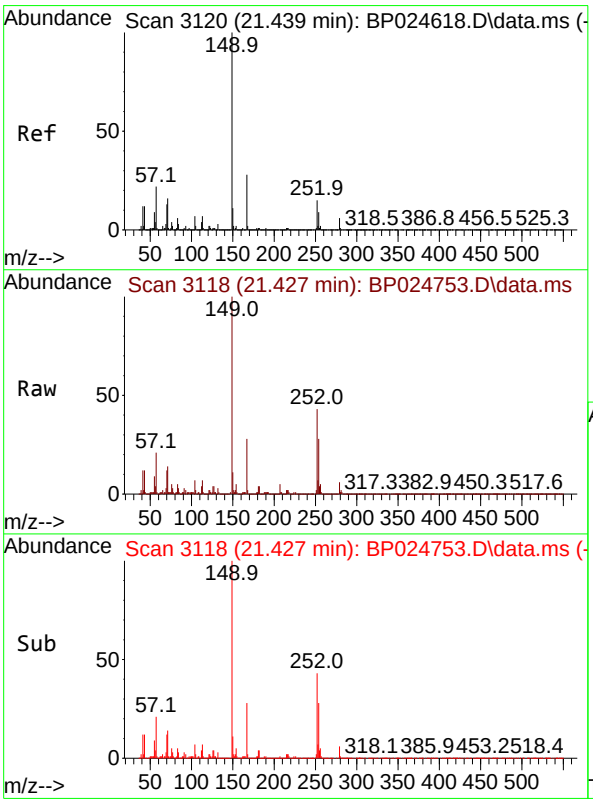
#83
Chrysene
Concen: 38.035 ng
RT: 21.563 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 1389328

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.6	15.5	23.3

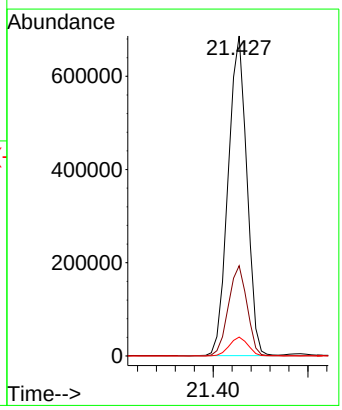


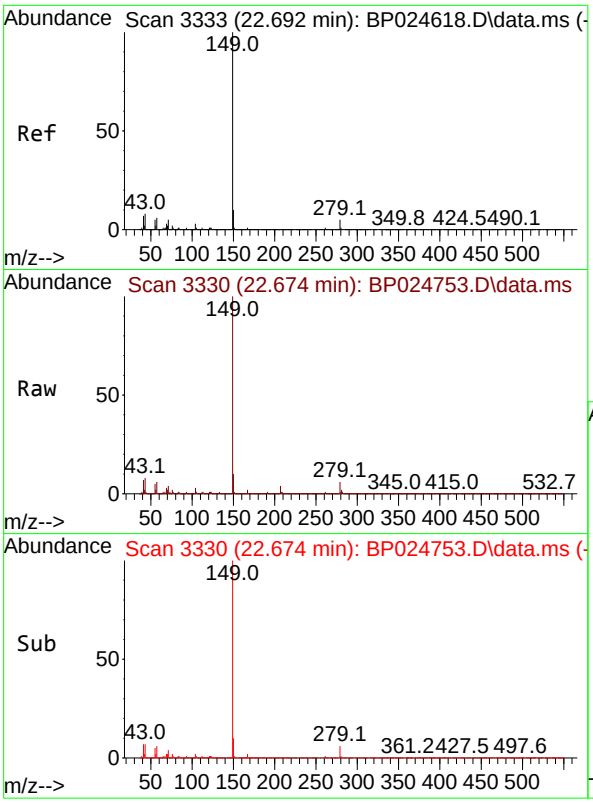


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.235 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:149 Resp: 943050

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	5.9	4.6	6.8



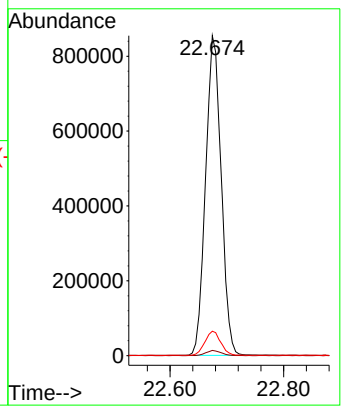


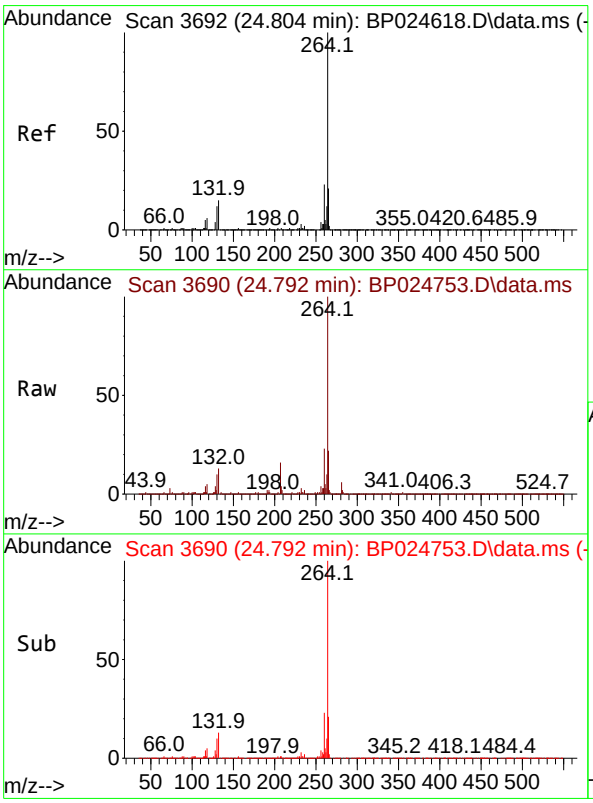
#85
Di-n-octyl phthalate
Concen: 41.340 ng
RT: 22.674 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1624884

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

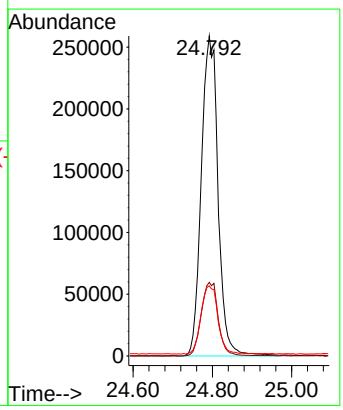


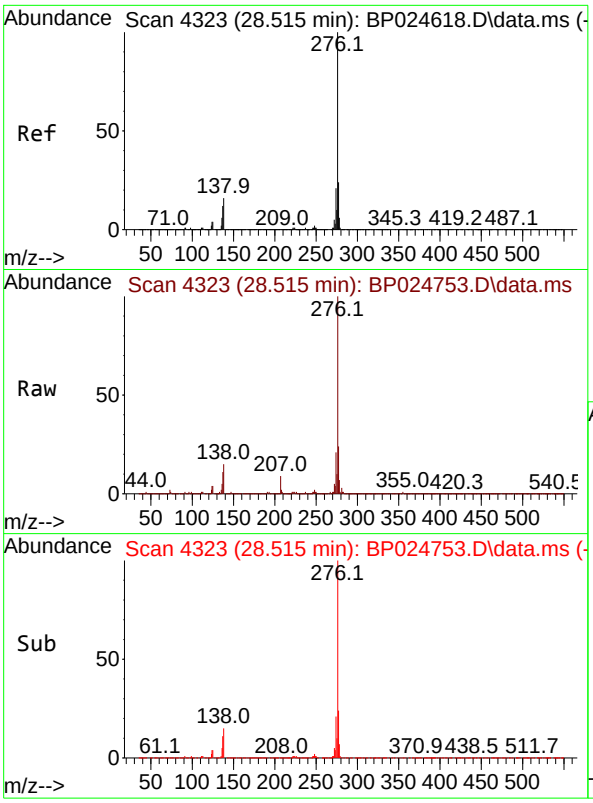


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.792 min Scan# 3690
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:264 Resp: 759397

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.9	17.0	25.6



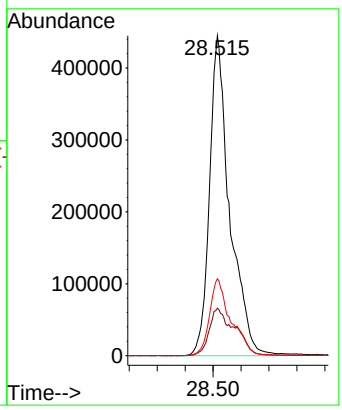


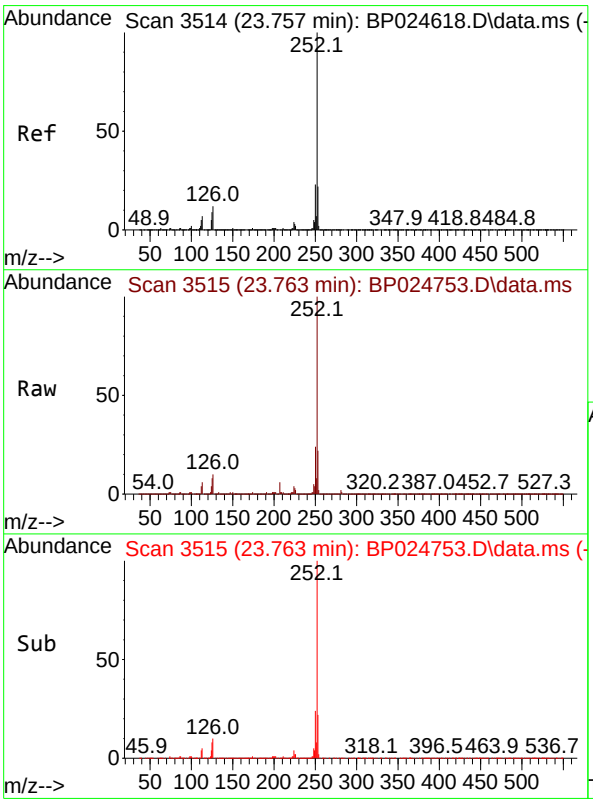
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.189 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 2228069

Ion	Ratio	Lower	Upper
276	100		
138	18.8	11.2	16.8#
277	25.5	15.7	23.5#

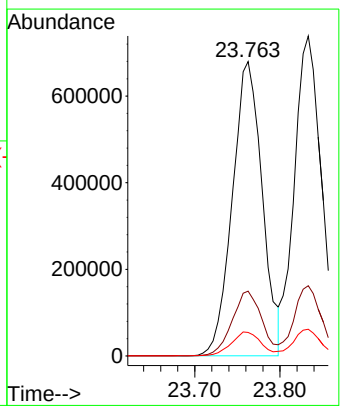


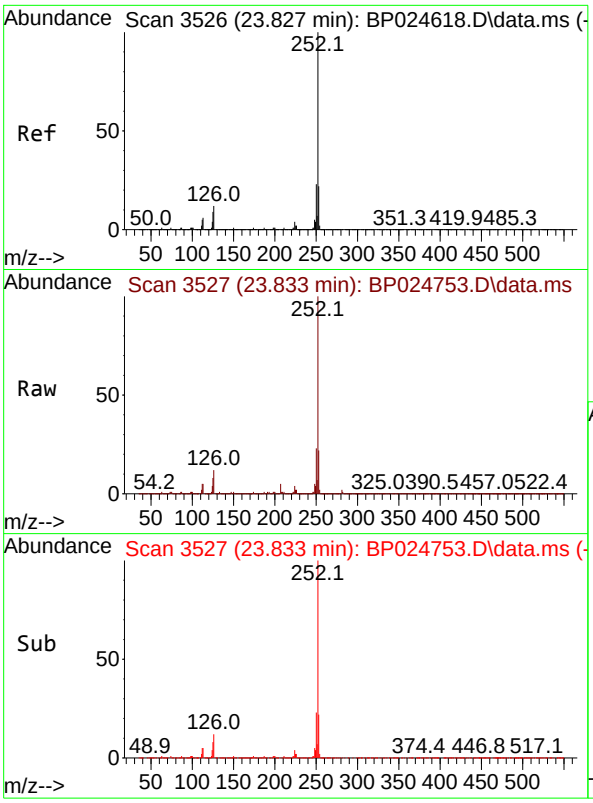


#88
Benzo(b)fluoranthene
Concen: 38.089 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:252 Resp: 1655614

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.0	7.5	11.3



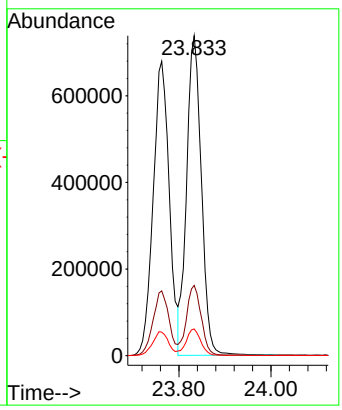


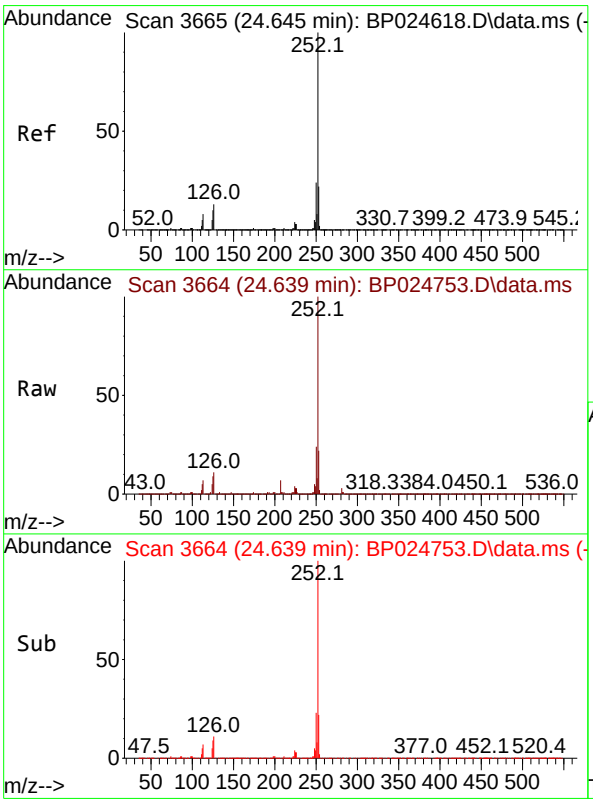
#89
Benzo(k)fluoranthene
Concen: 36.568 ng
RT: 23.833 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1637849

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.4	7.0	10.4

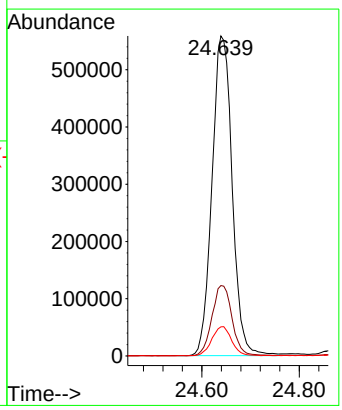


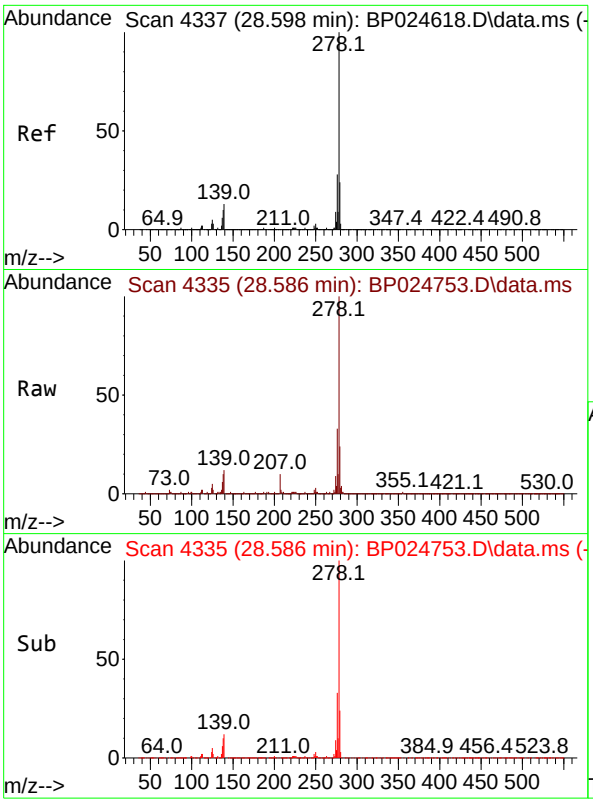


#90
Benzo(a)pyrene
Concen: 38.510 ng
RT: 24.639 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:252 Resp: 1607644

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	9.1	8.1	12.1



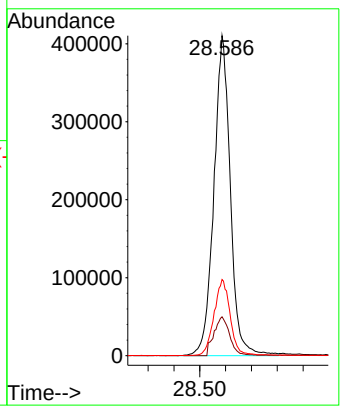


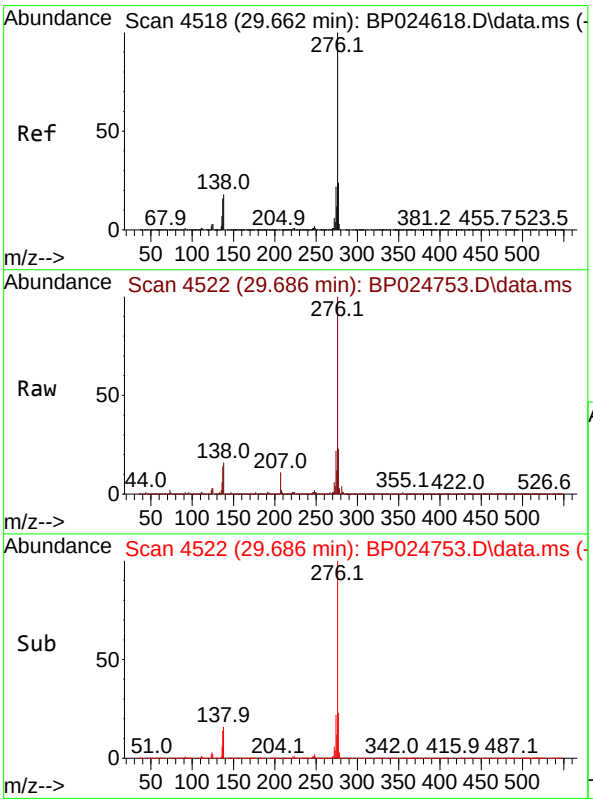
#91
Dibenzo(a,h)anthracene
Concen: 40.320 ng
RT: 28.586 min Scan# 4
Delta R.T. -0.012 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1818555

Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.2	15.4
279	23.8	19.0	28.4

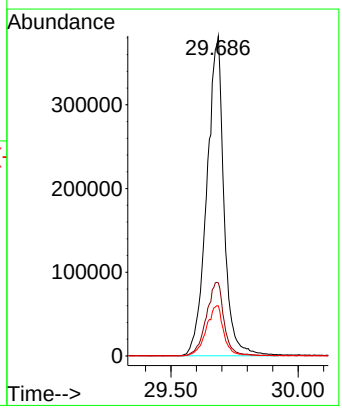




#92
Benzo(g,h,i)perylene
Concen: 39.791 ng
RT: 29.686 min Scan# 4522
Delta R.T. 0.024 min
Lab File: BP024753.D
Acq: 22 May 2025 10:56

Tgt Ion:276 Resp: 1784700

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	15.7	14.4	21.6



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	86	-0.01
2		1,4-Dioxane	0.549	0.459	16.4	78	0.00
3		Pyridine	1.218	1.106	9.2	79	0.00
4		n-Nitrosodimethylamine	0.538	0.501	6.9	83	0.00
5	S	2-Fluorophenol	1.169	1.135	2.9	88	0.00
6		Aniline	1.927	1.787	7.3	80	-0.01
7	S	Phenol-d6	1.492	1.407	5.7	82	0.00
8		2-Chlorophenol	1.327	1.323	0.3	87	0.00
9		Benzaldehyde	0.966	0.866	10.4	78	-0.01
10	C	Phenol	1.540	1.471	4.5	84	0.00
11		bis(2-Chloroethyl)ether	1.266	1.107	12.6	78	-0.01
12		1,3-Dichlorobenzene	1.527	1.453	4.8	87	0.00
13	C	1,4-Dichlorobenzene	1.536	1.493	2.8	87	-0.01
14		1,2-Dichlorobenzene	1.497	1.415	5.5	85	-0.01
15		Benzyl Alcohol	1.134	1.092	3.7	82	0.00
16		2,2'-oxybis(1-Chloropropane	1.516	1.312	13.5	77	-0.01
17		2-Methylphenol	1.105	1.036	6.2	81	0.00
18		Hexachloroethane	0.589	0.540	8.3	84	-0.01
19	P	n-Nitroso-di-n-propylamine	1.032	0.896	13.2	73	0.00
20		3+4-Methylphenols	1.503	1.398	7.0	79	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	79	-0.01
22		Acetophenone	0.500	0.469	6.2	76	0.00
23	S	Nitrobenzene-d5	0.396	0.368	7.1	76	-0.01
24		Nitrobenzene	0.348	0.318	8.6	74	-0.01
25		Isophorone	0.687	0.607	11.6	71	-0.01
26	C	2-Nitrophenol	0.171	0.178	-4.1	81	-0.02
27		2,4-Dimethylphenol	0.301	0.290	3.7	76	-0.01
28		bis(2-Chloroethoxy)methane	0.410	0.359	12.4	71	-0.01
29	C	2,4-Dichlorophenol	0.292	0.288	1.4	78	0.00
30		1,2,4-Trichlorobenzene	0.329	0.324	1.5	83	-0.01
31		Naphthalene	1.036	0.988	4.6	79	-0.01
32		Benzoic acid	0.181	0.195	-7.7	80	0.00
33		4-Chloroaniline	0.418	0.411	1.7	77	0.00
34	C	Hexachlorobutadiene	0.213	0.212	0.5	84	-0.01
35		Caprolactam	0.106	0.100	5.7	72	0.00
36	C	4-Chloro-3-methylphenol	0.356	0.336	5.6	74	0.00
37		2-Methylnaphthalene	0.671	0.616	8.2	76	-0.01
38		1-Methylnaphthalene	0.718	0.639	11.0	73	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	71	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.581	0.581	0.0	75	-0.01
41	P	Hexachlorocyclopentadiene	0.352	0.359	-2.0	72	-0.01
42	S	2,4,6-Tribromophenol	0.339	0.364	-7.4	81	-0.01
43	C	2,4,6-Trichlorophenol	0.376	0.385	-2.4	74	0.00
44		2,4,5-Trichlorophenol	0.419	0.412	1.7	73	0.00
45	S	2-Fluorobiphenyl	1.527	1.502	1.6	75	-0.01
46		1,1'-Biphenyl	1.478	1.437	2.8	74	-0.01
47		2-Chloronaphthalene	1.127	1.094	2.9	73	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	0.334	0.312	6.6	67	-0.01
49		Acenaphthylene	1.886	1.818	3.6	72	-0.02
50		Dimethylphthalate	1.524	1.422	6.7	70	-0.01
51		2,6-Dinitrotoluene	0.322	0.308	4.3	71	-0.02
52	C	Acenaphthene	1.084	1.055	2.7	73	-0.02
53		3-Nitroaniline	0.329	0.327	0.6	69	-0.01
54	P	2,4-Dinitrophenol	0.169	0.178	-5.3	74	0.00
55		Dibenzofuran	1.730	1.664	3.8	73	-0.01
56	P	4-Nitrophenol	0.250	0.298	-19.2	83	0.02
57		2,4-Dinitrotoluene	0.454	0.458	-0.9	72	-0.02
58		Fluorene	1.410	1.365	3.2	73	-0.01
59		2,3,4,6-Tetrachlorophenol	0.388	0.382	1.5	72	-0.01
60		Diethylphthalate	1.541	1.446	6.2	72	-0.02
61		4-Chlorophenyl-phenylether	0.703	0.681	3.1	74	-0.02
62		4-Nitroaniline	0.317	0.336	-6.0	73	0.00
63		Azobenzene	1.318	1.179	10.5	67	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	72	-0.02
65		4,6-Dinitro-2-methylphenol	0.129	0.131	-1.6	73	-0.01
66	c	n-Nitrosodiphenylamine	0.614	0.595	3.1	72	-0.02
67		4-Bromophenyl-phenylether	0.236	0.237	-0.4	75	-0.01
68		Hexachlorobenzene	0.299	0.301	-0.7	77	0.00
69		Atrazine	0.225	0.226	-0.4	75	-0.02
70	C	Pentachlorophenol	0.168	0.183	-8.9	77	0.00
71		Phenanthrene	1.112	1.056	5.0	72	-0.01
72		Anthracene	1.119	1.093	2.3	73	-0.01
73		Carbazole	1.012	1.003	0.9	72	-0.01
74		Di-n-butylphthalate	1.302	1.275	2.1	73	-0.01
75	C	Fluoranthene	1.300	1.270	2.3	73	-0.01
76	I	Chrysene-d12	1.000	1.000	0.0	76	0.00
77		Benzidine	0.545	0.521	4.4	71	0.00
78		Pyrene	1.198	1.114	7.0	73	0.00
79	S	Terphenyl-d14	1.166	1.110	4.8	75	0.00
80		Butylbenzylphthalate	0.533	0.521	2.3	75	0.00
81		Benzo(a)anthracene	1.256	1.196	4.8	75	-0.02
82		3,3'-Dichlorobenzidine	0.466	0.502	-7.7	80	0.00
83		Chrysene	1.190	1.132	4.9	76	0.00
84		Bis(2-ethylhexyl)phthalate	0.783	0.768	1.9	76	-0.01
85	c	Di-n-octyl phthalate	1.281	1.324	-3.4	78	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	82	-0.01
87		Indeno(1,2,3-cd)pyrene	1.460	1.467	-0.5	84	0.00
88		Benzo(b)fluoranthene	1.145	1.090	4.8	81	0.00
89		Benzo(k)fluoranthene	1.180	1.078	8.6	77	0.00
90	C	Benzo(a)pyrene	1.099	1.059	3.6	81	0.00
91		Dibenzo(a,h)anthracene	1.188	1.197	-0.8	84	-0.01
92		Benzo(g,h,i)perylene	1.181	1.175	0.5	84	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	86	-0.01
2		1,4-Dioxane	40.000	33.474	16.3	78	0.00
3		Pyridine	40.000	36.327	9.2	79	0.00
4		n-Nitrosodimethylamine	40.000	37.278	6.8	83	0.00
5	S	2-Fluorophenol	80.000	77.648	2.9	88	0.00
6		Aniline	40.000	37.090	7.3	80	-0.01
7	S	Phenol-d6	80.000	75.441	5.7	82	0.00
8		2-Chlorophenol	40.000	39.853	0.4	87	0.00
9		Benzaldehyde	40.000	35.852	10.4	78	-0.01
10	C	Phenol	40.000	38.210	4.5	84	0.00
11		bis(2-Chloroethyl)ether	40.000	34.972	12.6	78	-0.01
12		1,3-Dichlorobenzene	40.000	38.064	4.8	87	0.00
13	C	1,4-Dichlorobenzene	40.000	38.872	2.8	87	-0.01
14		1,2-Dichlorobenzene	40.000	37.809	5.5	85	-0.01
15		Benzyl Alcohol	40.000	38.523	3.7	82	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	34.627	13.4	77	-0.01
17		2-Methylphenol	40.000	37.493	6.3	81	0.00
18		Hexachloroethane	40.000	36.686	8.3	84	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	34.709	13.2	73	0.00
20		3+4-Methylphenols	40.000	37.221	6.9	79	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	79	-0.01
22		Acetophenone	40.000	37.559	6.1	76	0.00
23	S	Nitrobenzene-d5	80.000	74.407	7.0	76	-0.01
24		Nitrobenzene	40.000	36.463	8.8	74	-0.01
25		Isophorone	40.000	35.361	11.6	71	-0.01
26	C	2-Nitrophenol	40.000	41.704	-4.3	81	-0.02
27		2,4-Dimethylphenol	40.000	38.480	3.8	76	-0.01
28		bis(2-Chloroethoxy)methane	40.000	35.006	12.5	71	-0.01
29	C	2,4-Dichlorophenol	40.000	39.525	1.2	78	0.00
30		1,2,4-Trichlorobenzene	40.000	39.402	1.5	83	-0.01
31		Naphthalene	40.000	38.135	4.7	79	-0.01
32		Benzoic acid	40.000	38.852	2.9	80	0.00
33		4-Chloroaniline	40.000	39.283	1.8	77	0.00
34	C	Hexachlorobutadiene	40.000	39.848	0.4	84	-0.01
35		Caprolactam	40.000	37.940	5.2	72	0.00
36	C	4-Chloro-3-methylphenol	40.000	37.828	5.4	74	0.00
37		2-Methylnaphthalene	40.000	36.728	8.2	76	-0.01
38		1-Methylnaphthalene	40.000	35.575	11.1	73	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	71	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	39.982	0.0	75	-0.01
41	P	Hexachlorocyclopentadiene	40.000	40.752	-1.9	72	-0.01
42	S	2,4,6-Tribromophenol	80.000	85.966	-7.5	81	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.962	-2.4	74	0.00
44		2,4,5-Trichlorophenol	40.000	39.385	1.5	73	0.00
45	S	2-Fluorobiphenyl	80.000	78.711	1.6	75	-0.01
46		1,1'-Biphenyl	40.000	38.890	2.8	74	-0.01
47		2-Chloronaphthalene	40.000	38.831	2.9	73	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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	37.387	6.5	67	-0.01
49		Acenaphthylene	40.000	38.561	3.6	72	-0.02
50		Dimethylphthalate	40.000	37.315	6.7	70	-0.01
51		2,6-Dinitrotoluene	40.000	38.326	4.2	71	-0.02
52	C	Acenaphthene	40.000	38.899	2.8	73	-0.02
53		3-Nitroaniline	40.000	39.839	0.4	69	-0.01
54	P	2,4-Dinitrophenol	40.000	38.598	3.5	74	0.00
55		Dibenzofuran	40.000	38.494	3.8	73	-0.01
56	P	4-Nitrophenol	40.000	43.899	-9.7	83	0.02
57		2,4-Dinitrotoluene	40.000	40.393	-1.0	72	-0.02
58		Fluorene	40.000	38.724	3.2	73	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.304	1.7	72	-0.01
60		Diethylphthalate	40.000	37.552	6.1	72	-0.02
61		4-Chlorophenyl-phenylether	40.000	38.753	3.1	74	-0.02
62		4-Nitroaniline	40.000	42.328	-5.8	73	0.00
63		Azobenzene	40.000	35.788	10.5	67	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	72	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	40.689	-1.7	73	-0.01
66	c	n-Nitrosodiphenylamine	40.000	38.716	3.2	72	-0.02
67		4-Bromophenyl-phenylether	40.000	40.197	-0.5	75	-0.01
68		Hexachlorobenzene	40.000	40.264	-0.7	77	0.00
69		Atrazine	40.000	40.157	-0.4	75	-0.02
70	C	Pentachlorophenol	40.000	43.610	-9.0	77	0.00
71		Phenanthrene	40.000	37.997	5.0	72	-0.01
72		Anthracene	40.000	39.094	2.3	73	-0.01
73		Carbazole	40.000	39.626	0.9	72	-0.01
74		Di-n-butylphthalate	40.000	39.153	2.1	73	-0.01
75	C	Fluoranthene	40.000	39.094	2.3	73	-0.01
76	I	Chrysene-d12	20.000	20.000	0.0	76	0.00
77		Benzidine	40.000	38.276	4.3	71	0.00
78		Pyrene	40.000	37.187	7.0	73	0.00
79	S	Terphenyl-d14	80.000	76.121	4.8	75	0.00
80		Butylbenzylphthalate	40.000	39.107	2.2	75	0.00
81		Benzo(a)anthracene	40.000	38.104	4.7	75	-0.02
82		3,3'-Dichlorobenzidine	40.000	43.059	-7.6	80	0.00
83		Chrysene	40.000	38.035	4.9	76	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	39.235	1.9	76	-0.01
85	c	Di-n-octyl phthalate	40.000	41.340	-3.4	78	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	82	-0.01
87		Indeno(1,2,3-cd)pyrene	40.000	40.189	-0.5	84	0.00
88		Benzo(b)fluoranthene	40.000	38.089	4.8	81	0.00
89		Benzo(k)fluoranthene	40.000	36.568	8.6	77	0.00
90	C	Benzo(a)pyrene	40.000	38.510	3.7	81	0.00
91		Dibenzo(a,h)anthracene	40.000	40.320	-0.8	84	-0.01
92		Benzo(g,h,i)perylene	40.000	39.791	0.5	84	0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024753.D
Acq On : 22 May 2025 10:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: May 22 11:19:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 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

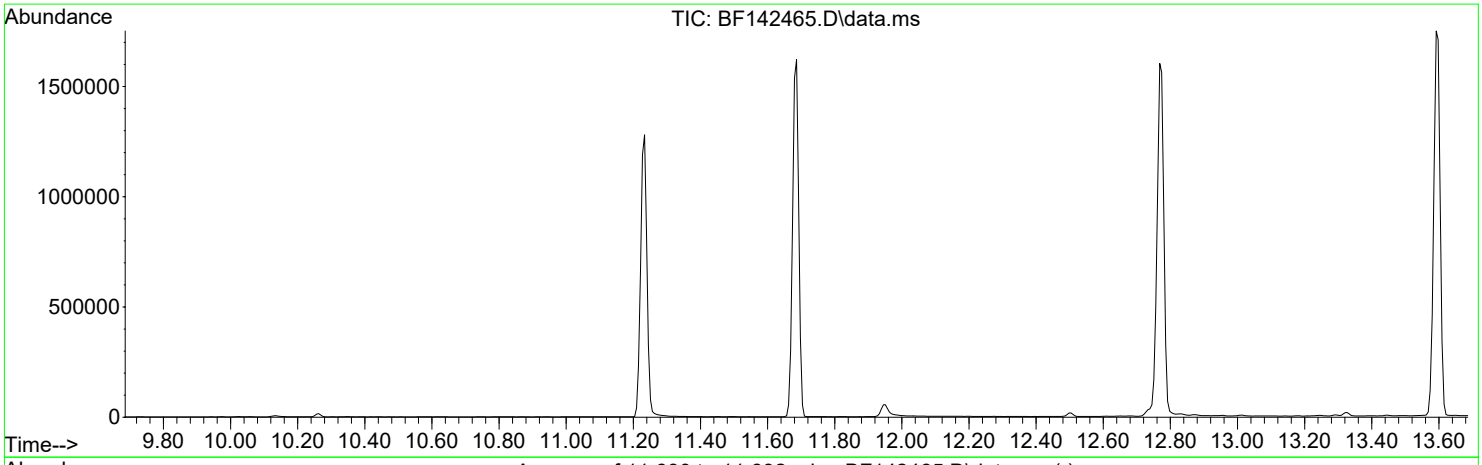
QC SAMPLE DATA

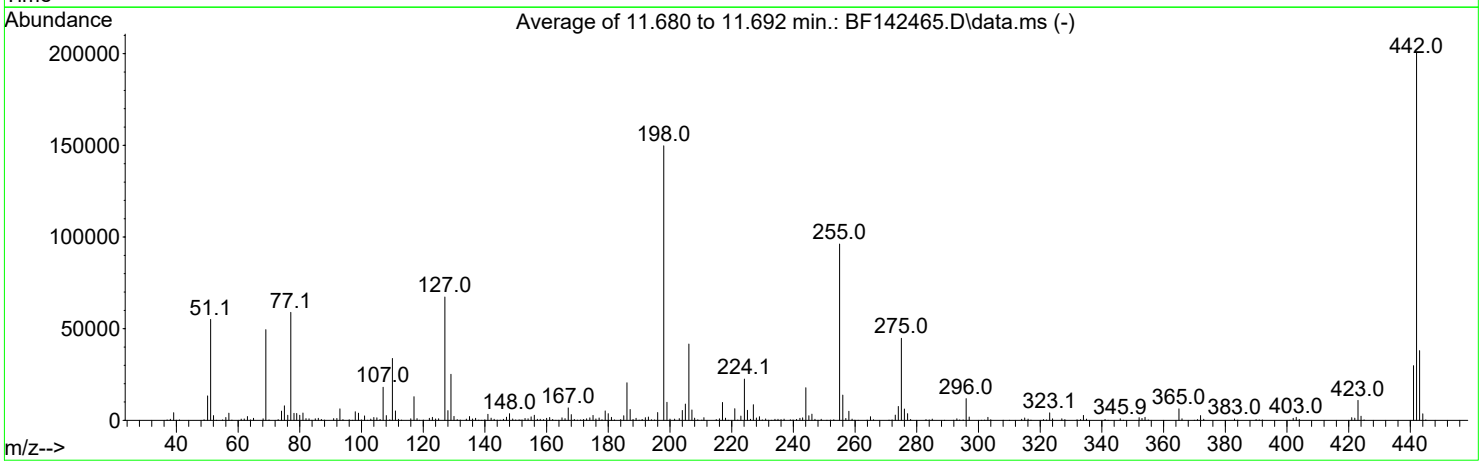
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025





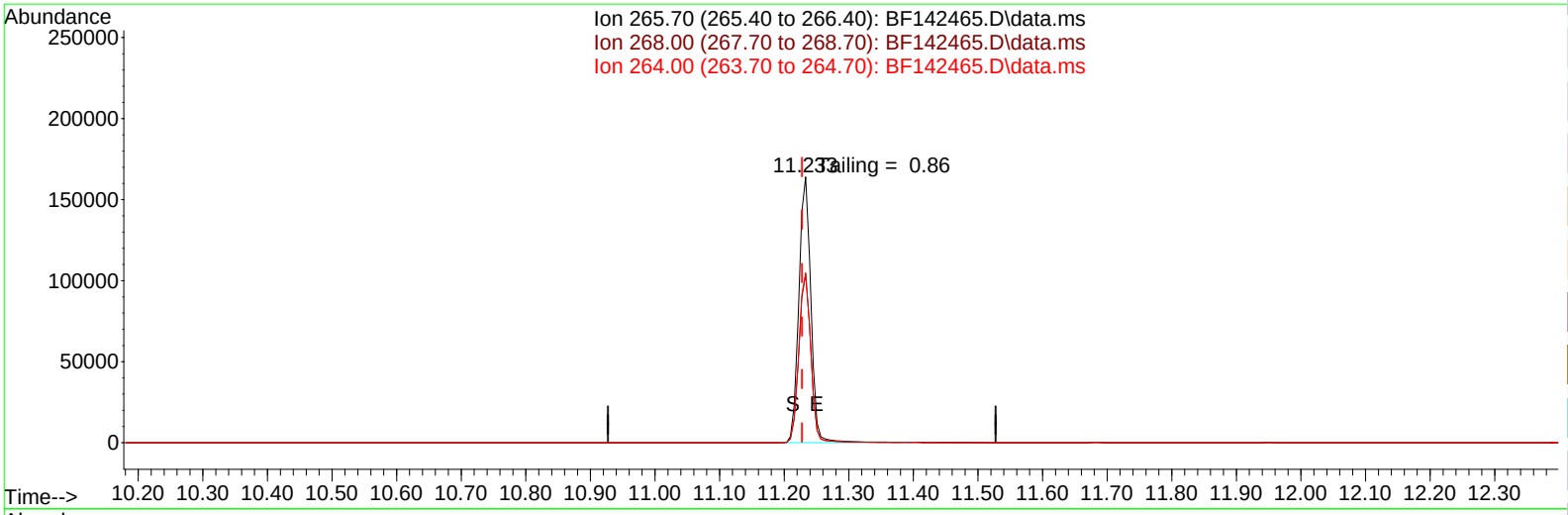
AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

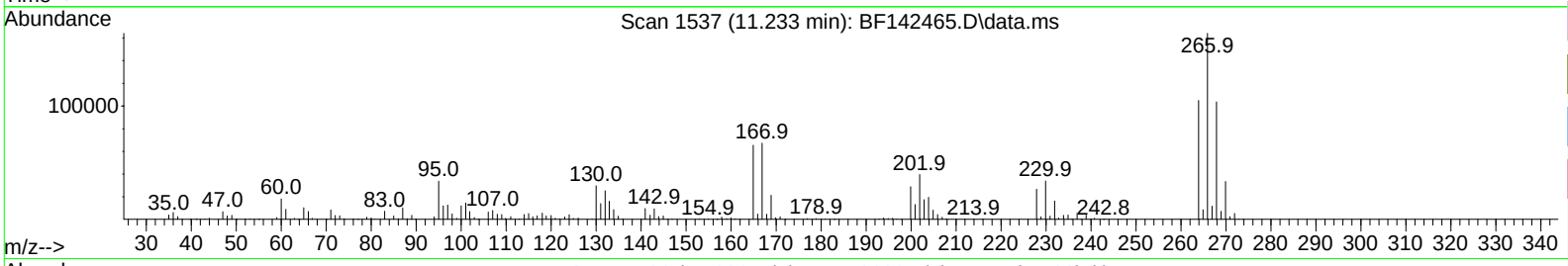
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	36.8	55035	PASS
68	69	0.00	2	1.9	918	PASS
69	198	0.00	100	33.1	49499	PASS
70	69	0.00	2	0.5	254	PASS
127	198	10	80	44.9	67277	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	149731	PASS
199	198	5	9	6.6	9853	PASS
275	198	10	60	29.9	44779	PASS
365	198	1	100	4.2	6269	PASS
441	198	0.01	100	19.9	29837	PASS
442	442	50	100	100.0	200661	PASS
443	442	15	24	19.0	38045	PASS

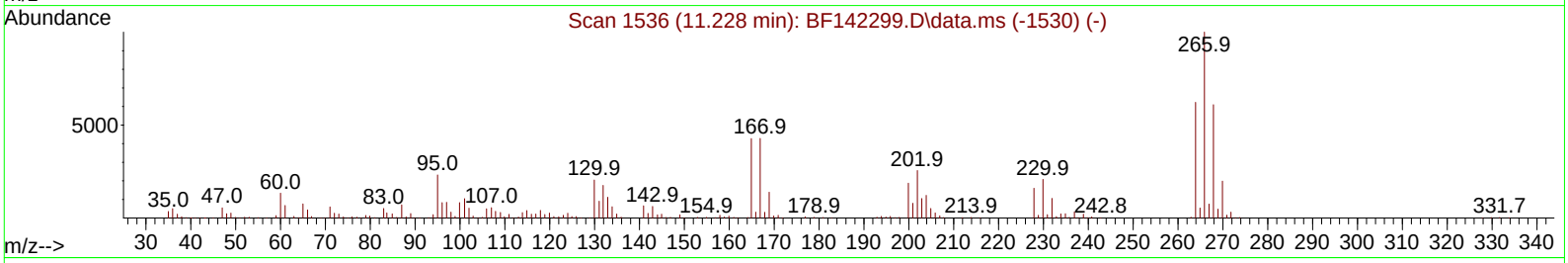
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142465.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.006) 45340.77 ng

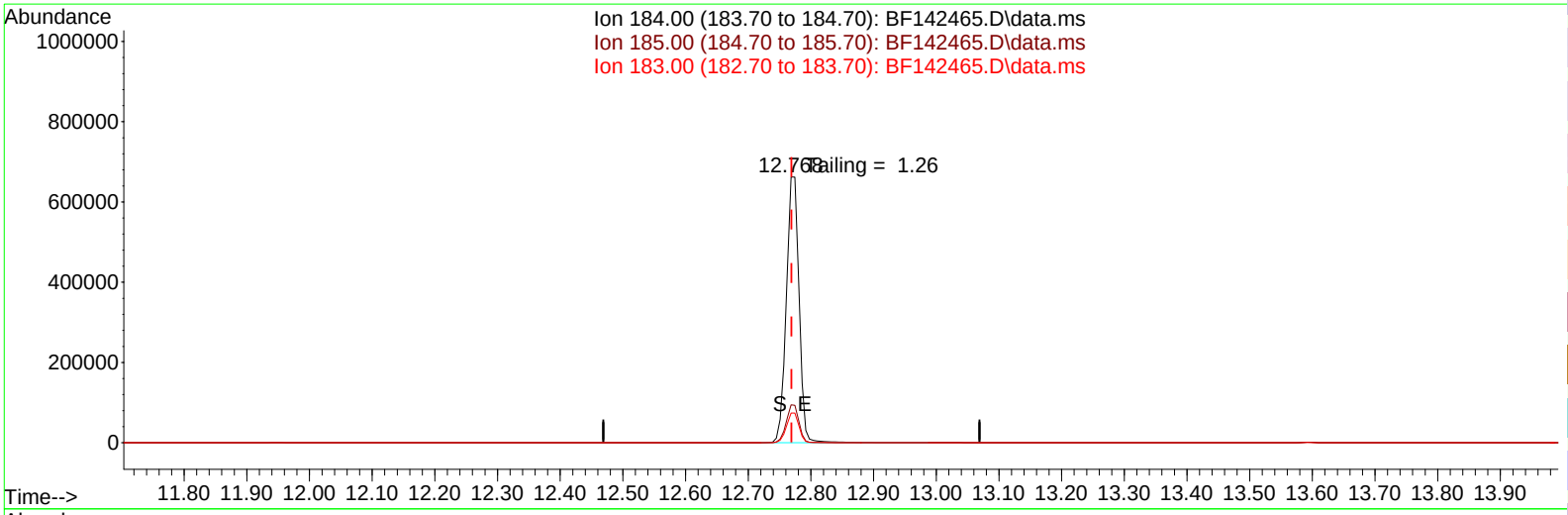
response 213501

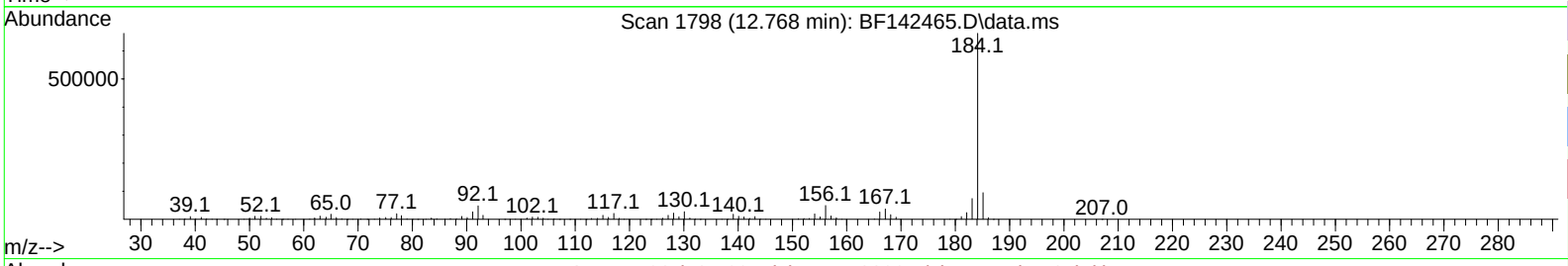
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.90	63.21
264.00	62.20	63.93
0.00	0.00	0.00

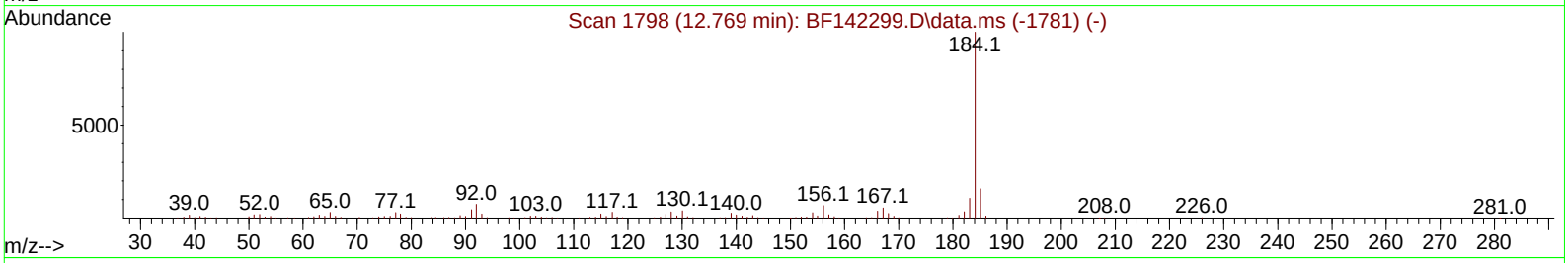
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052025\
Data File : BF142465.D
Acq On : 20 May 2025 11:13
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 20 14:09:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration







TIC: BF142465.D\data.ms

(77) Benzidine

12.768min (-0.001) 0.00 ng

response 942414

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.29
183.00	10.70	11.15
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

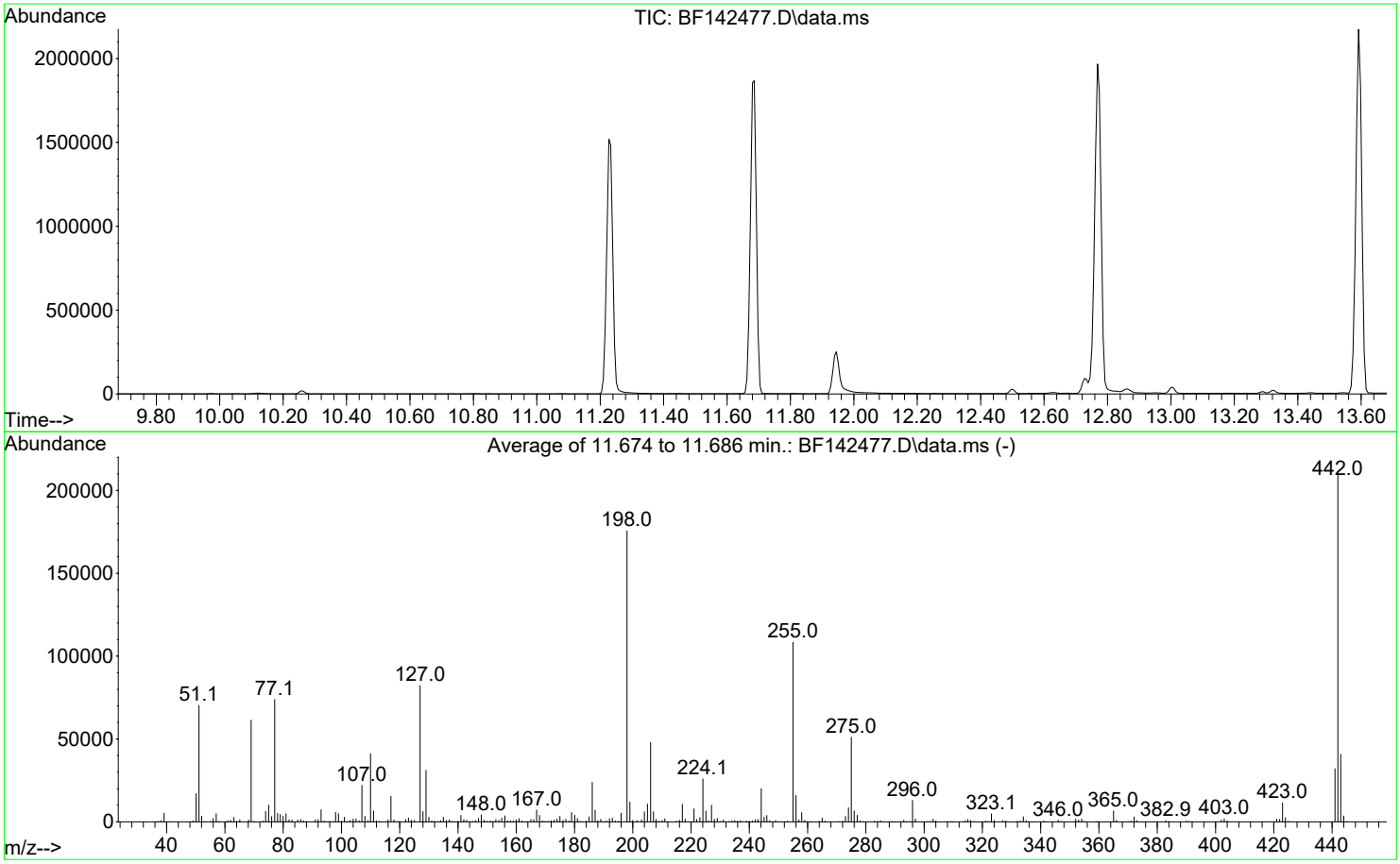
Date	Instrument Name	DFTPP Data File
5/20/2025	BNA_F	BF142465.D
Compound Name	**Response**	**Retention Time**
DDT	467874	13.598
DDD	6363	13.327
DDE	709	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7072	474946	1.49

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142477.D
Acq On : 21 May 2025 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025



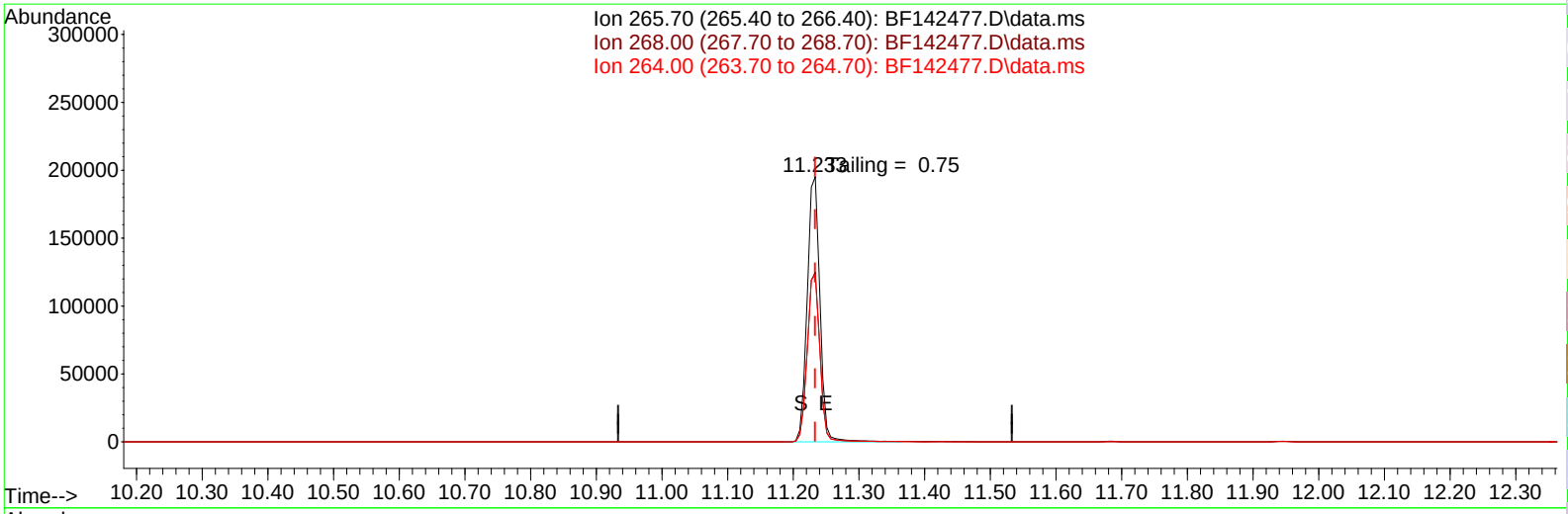
AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1606

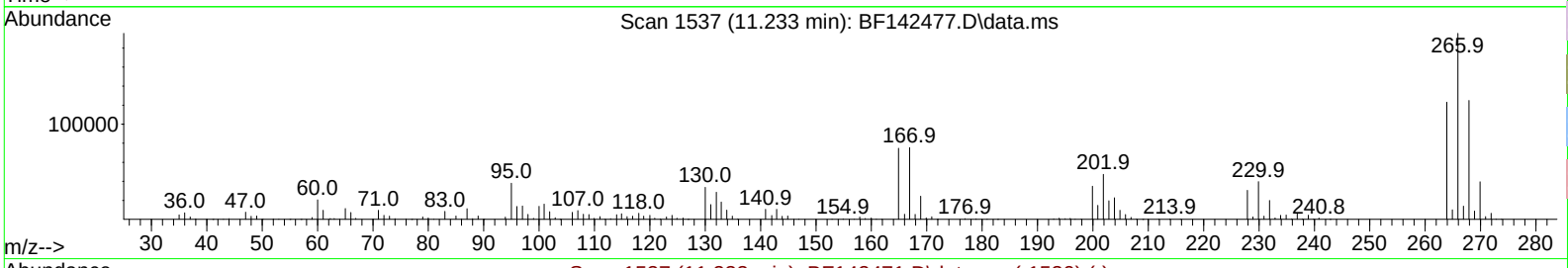
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.0	70269	PASS
68	69	0.00	2	2.0	1206	PASS
69	198	0.00	100	34.9	61363	PASS
70	69	0.00	2	0.7	407	PASS
127	198	10	80	46.9	82288	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	175605	PASS
199	198	5	9	6.8	11940	PASS
275	198	10	60	29.1	51059	PASS
365	198	1	100	3.8	6708	PASS
441	198	0.01	100	18.3	32112	PASS
442	442	50	100	100.0	209616	PASS
443	442	15	24	19.4	40765	PASS

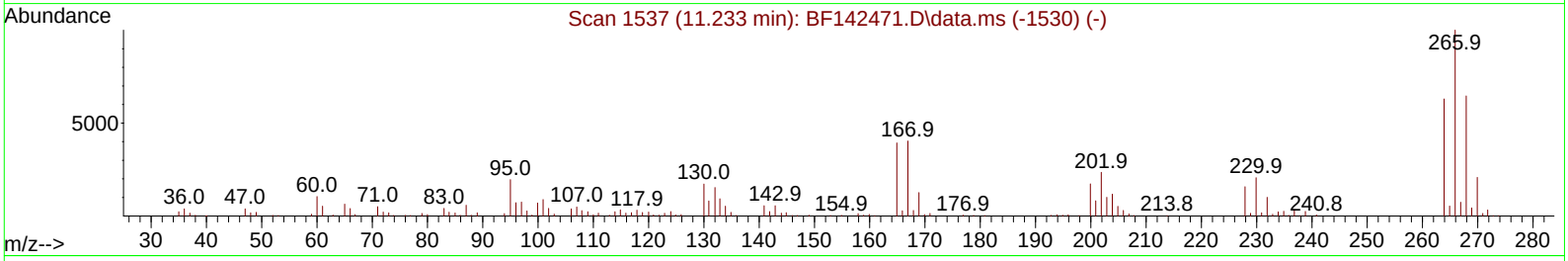
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142477.D
Acq On : 21 May 2025 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 21 11:31:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142477.D\data.ms

(70) Pentachlorophenol (C)

11.233min (+ 0.000) 40990.32 ng

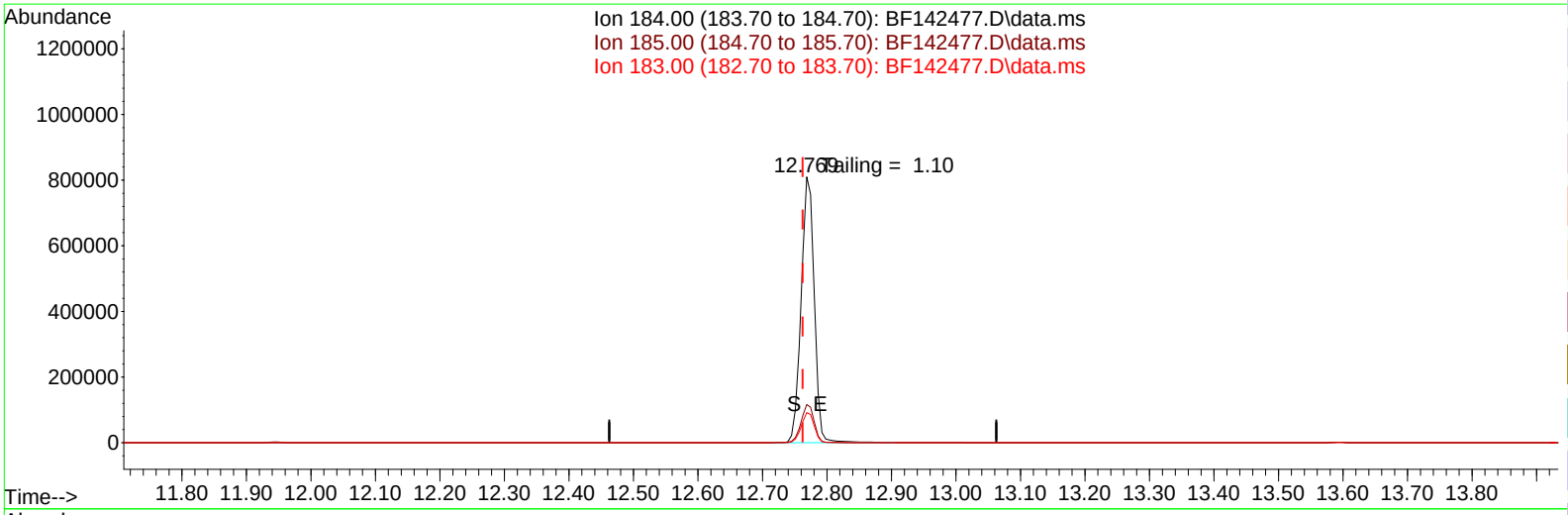
response 263008

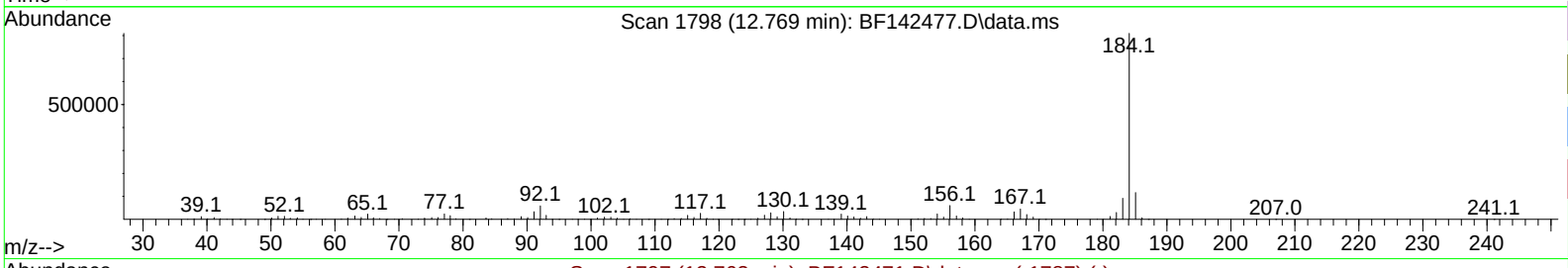
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	63.94
264.00	63.00	63.00
0.00	0.00	0.00

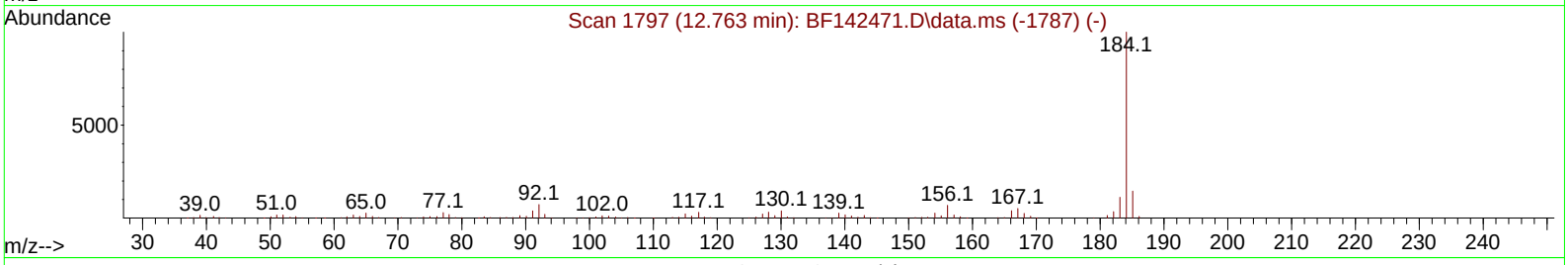
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142477.D
Acq On : 21 May 2025 09:41
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 21 11:31:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142477.D\data.ms

(77) Benzidine

12.769min (+ 0.006) 6765.19 ng

response 1148498

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.39
183.00	11.20	11.34
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

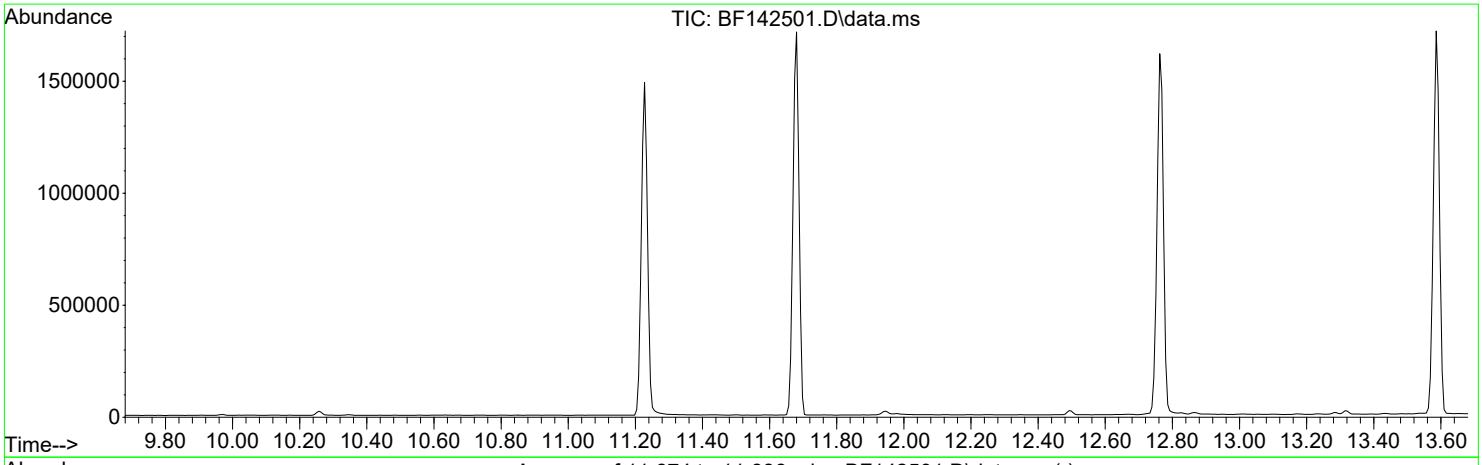
Date	Instrument Name	DFTPP Data File
5/21/2025	BNA_F	BF142477.D
Compound Name	**Response**	**Retention Time**
DDT	567831	13.592
DDD	8926	13.321
DDE	878	12.957
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
9804	577635	1.70

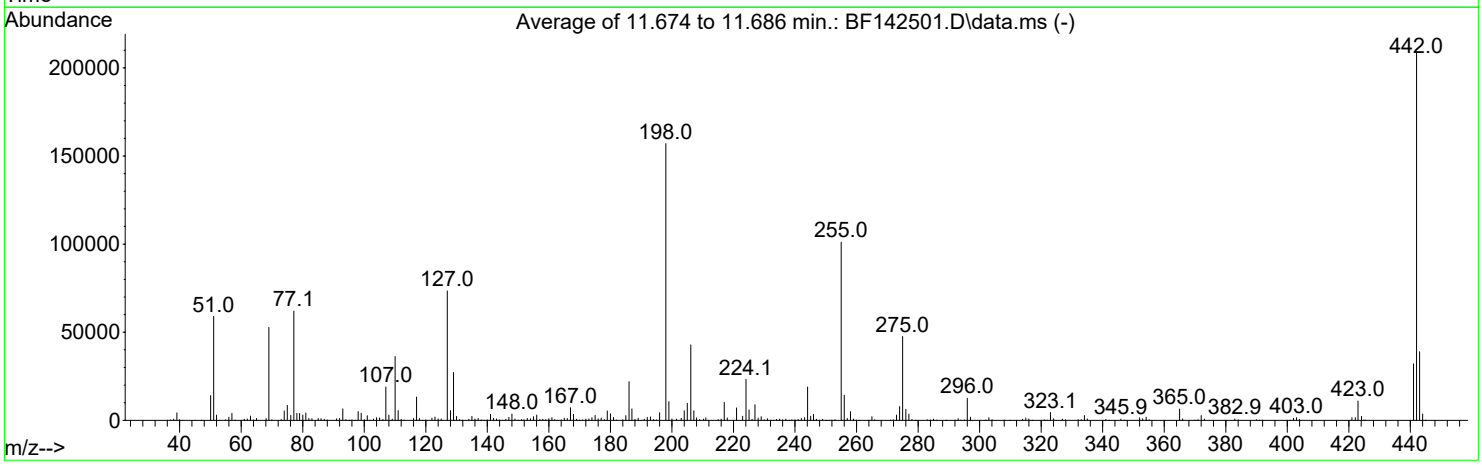
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142501.D
Acq On : 22 May 2025 10:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 20 16:26:47 2025





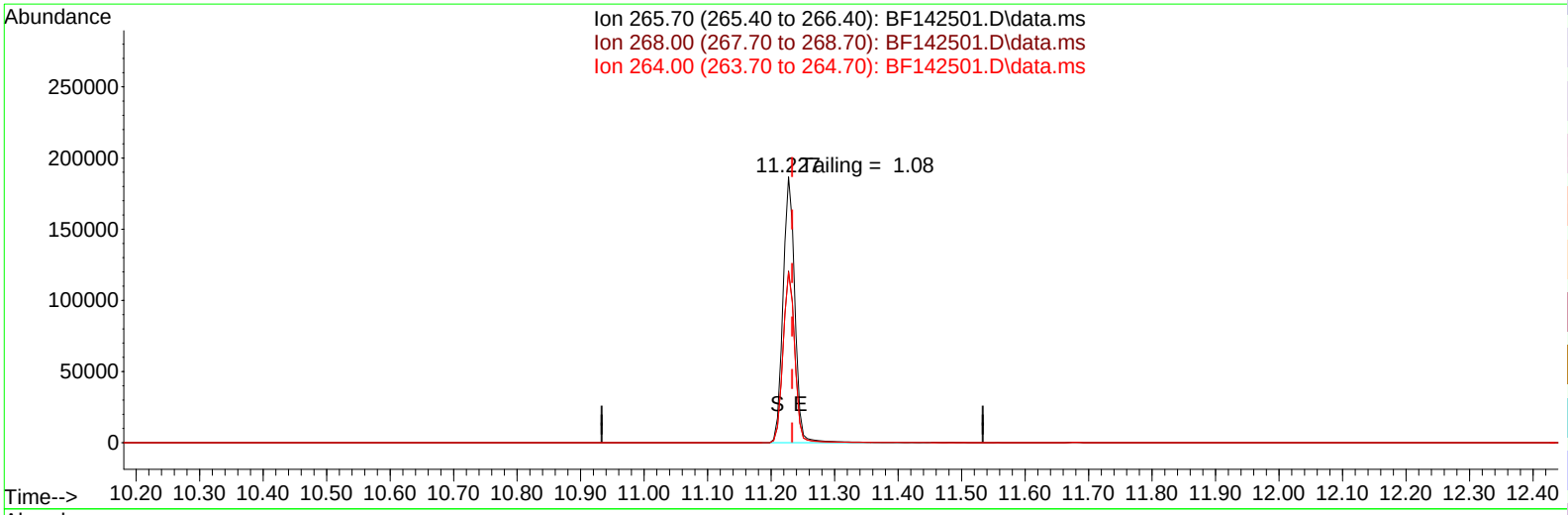
AutoFind: Scans 1612, 1613, 1614; Background Corrected with Scan 1605

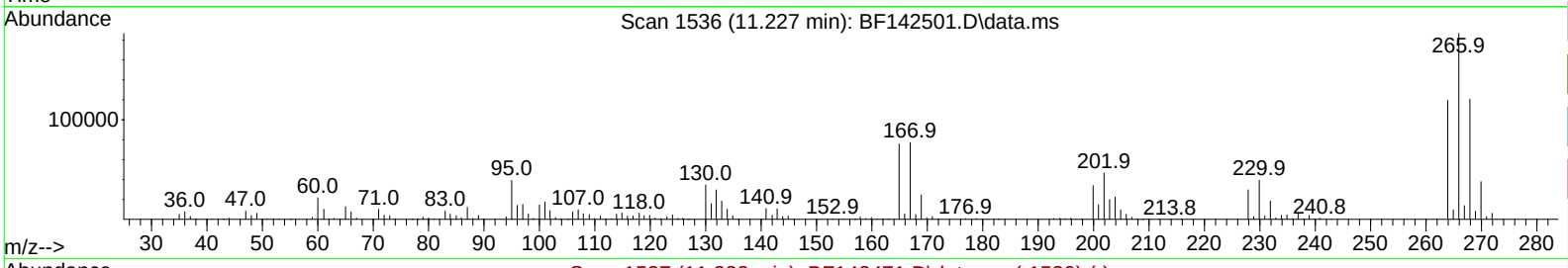
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	37.5	58985	PASS
68	69	0.00	2	1.8	974	PASS
69	198	0.00	100	33.6	52773	PASS
70	69	0.00	2	0.6	339	PASS
127	198	10	80	46.8	73475	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	157088	PASS
199	198	5	9	6.8	10630	PASS
275	198	10	60	30.3	47603	PASS
365	198	1	100	4.1	6420	PASS
441	198	0.01	100	20.4	32069	PASS
442	442	50	100	100.0	208725	PASS
443	442	15	24	18.7	38941	PASS

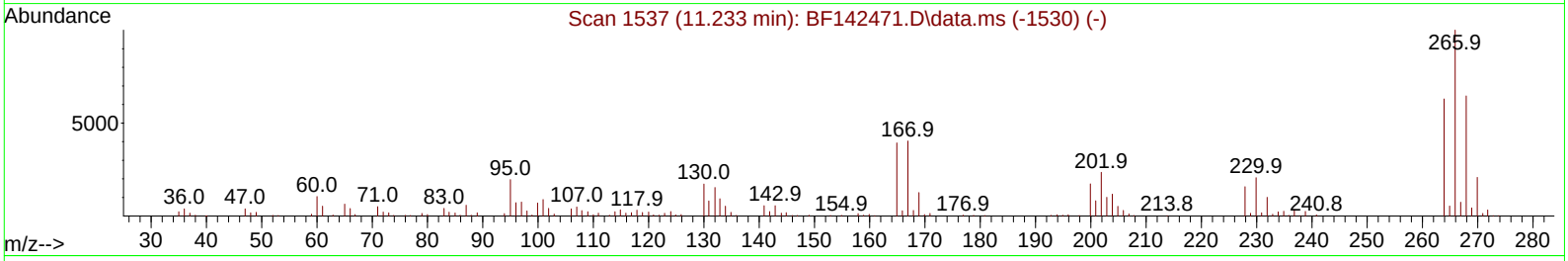
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142501.D
Acq On : 22 May 2025 10:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 22 12:24:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142501.D\data.ms

(70) Pentachlorophenol (C)

11.227min (-0.006) 79510.36 ng

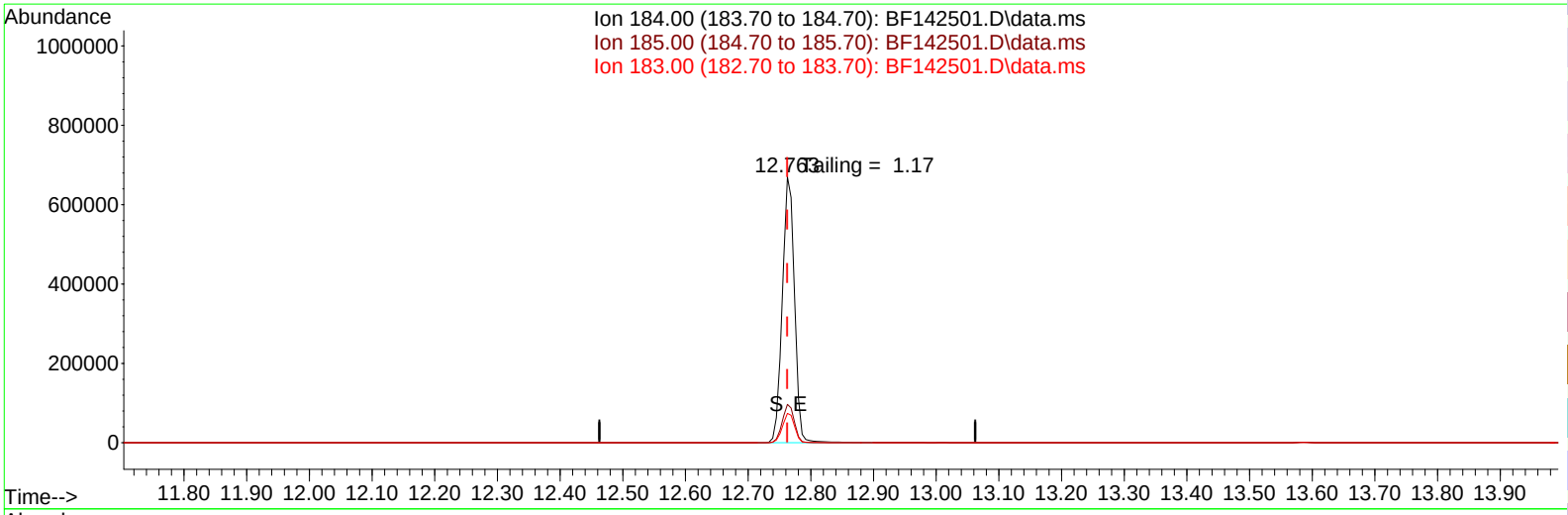
response 243635

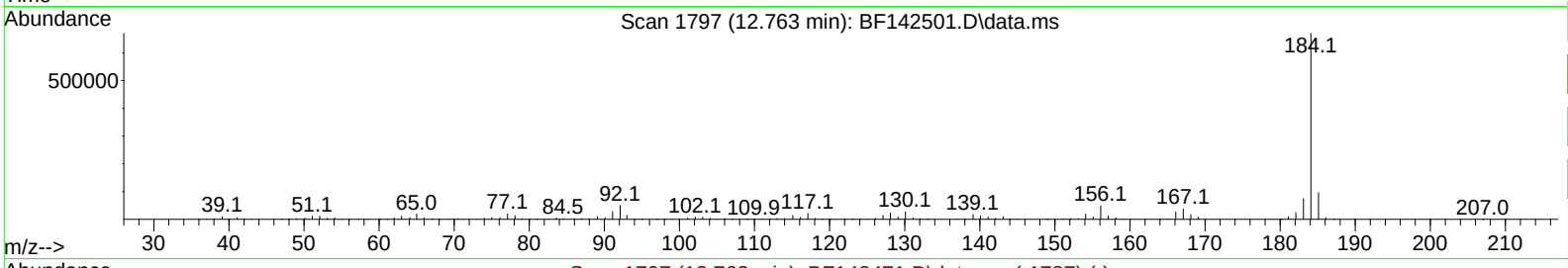
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.60	64.59
264.00	63.00	64.05
0.00	0.00	0.00

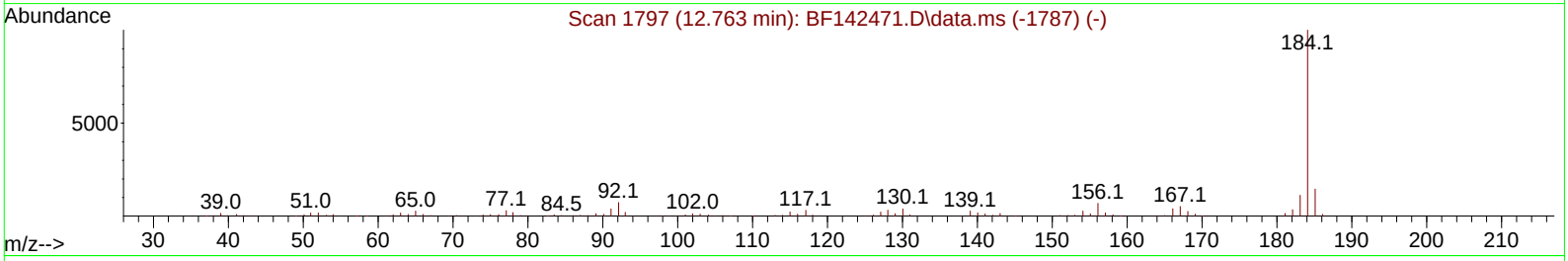
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142501.D
Acq On : 22 May 2025 10:43
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: May 22 12:24:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration







TIC: BF142501.D\data.ms

(77) Benzidine

12.763min (+ 0.000) 104325.96 ng

response 908454

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.43
183.00	11.20	11.07
0.00	0.00	0.00

Instrument :
BNA_F
ClientSampleId :
DFTPP

DDT Breakdown

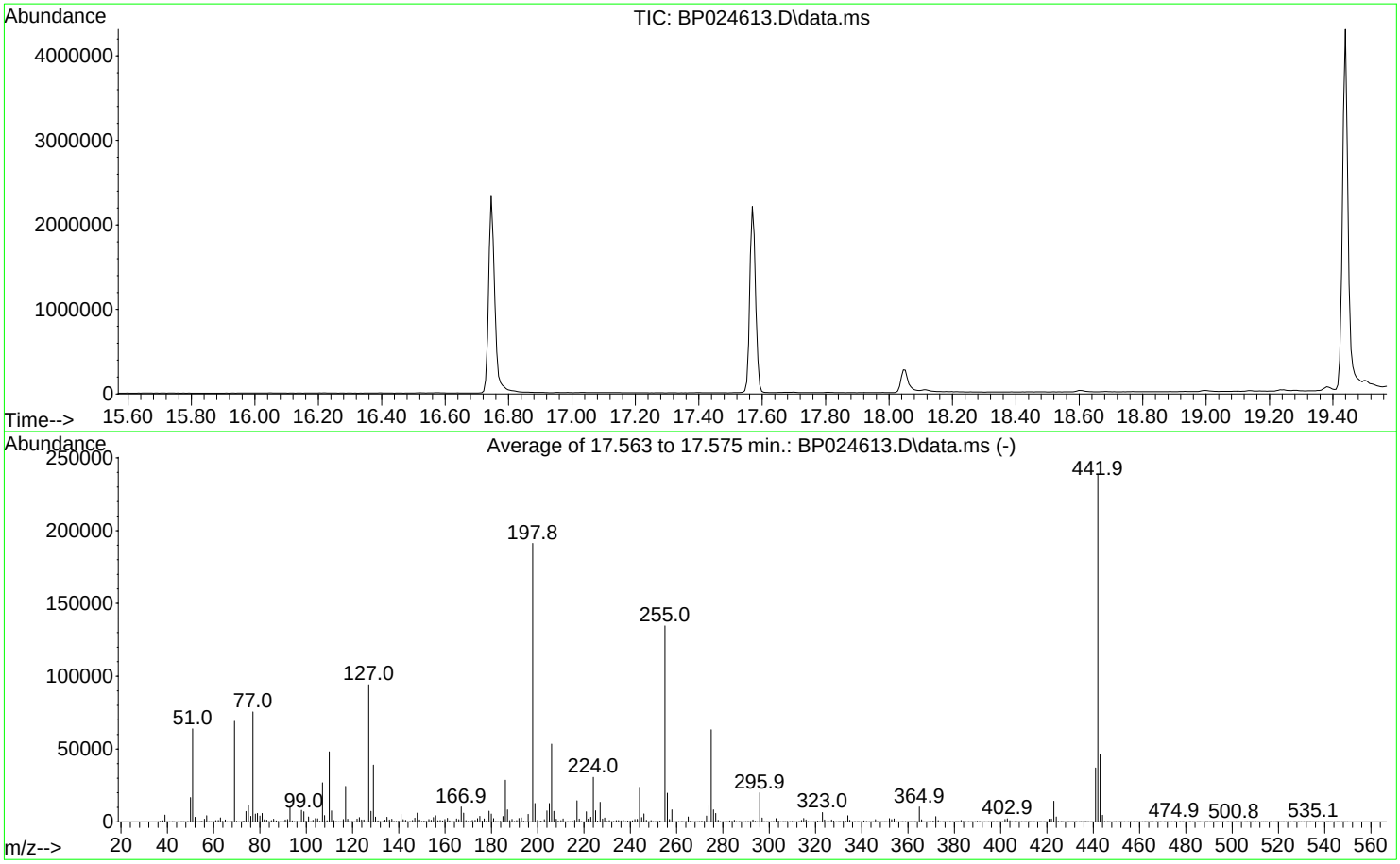
Date	Instrument Name	DFTPP Data File
5/22/2025	BNA_F	BF142501.D
Compound Name	**Response**	**Retention Time**
DDT	439631	13.586
DDD	7071	13.316
DDE	359	12.951
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
7430	447061	1.66

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



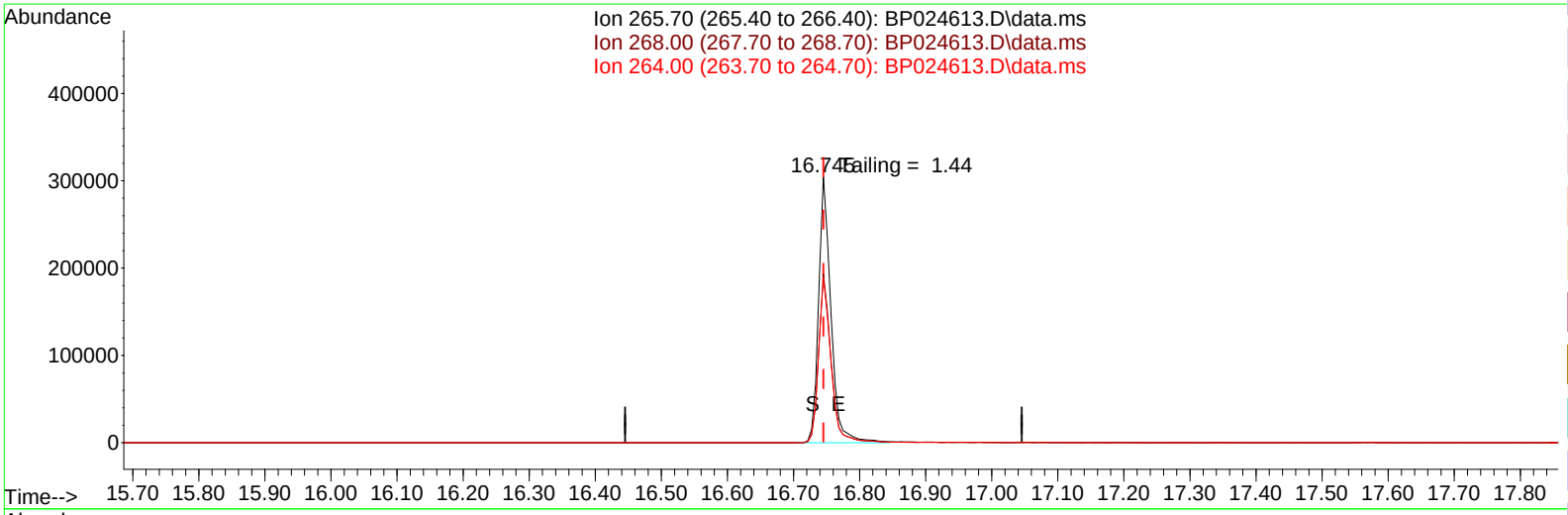
AutoFind: Scans 2461, 2462, 2463; Background Corrected with Scan 2449

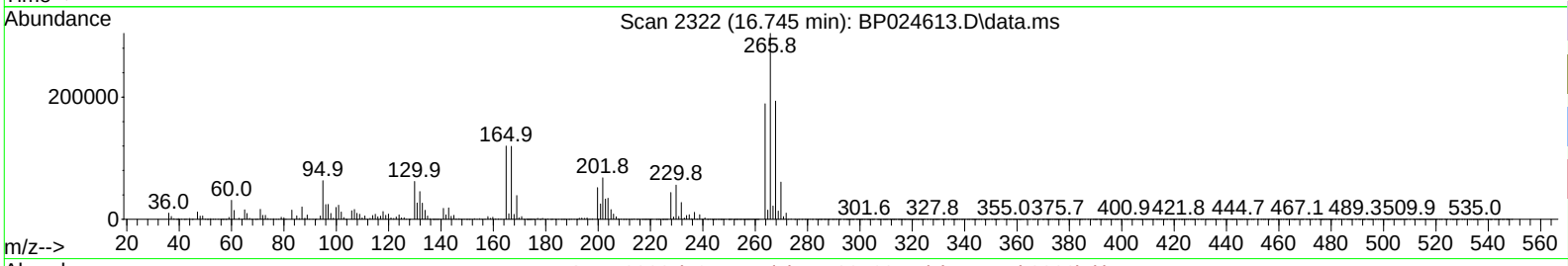
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	33.5	63968	PASS
68	69	0.00	2	0.6	438	PASS
69	198	0.00	100	36.2	69152	PASS
70	69	0.00	2	0.6	419	PASS
127	198	10	80	49.3	94192	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	191223	PASS
199	198	5	9	6.6	12661	PASS
275	198	10	60	33.1	63293	PASS
365	198	1	100	5.4	10286	PASS
441	198	0.01	100	19.4	37080	PASS
442	442	100	100	100.0	238569	PASS
443	442	15	24	19.4	46397	PASS

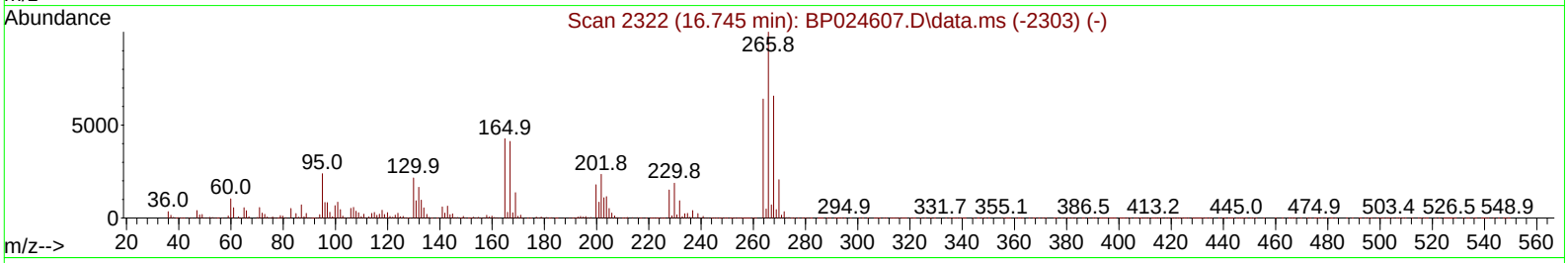
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(70) Pentachlorophenol (C)

16.745min (-0.000) 42670.46 ng

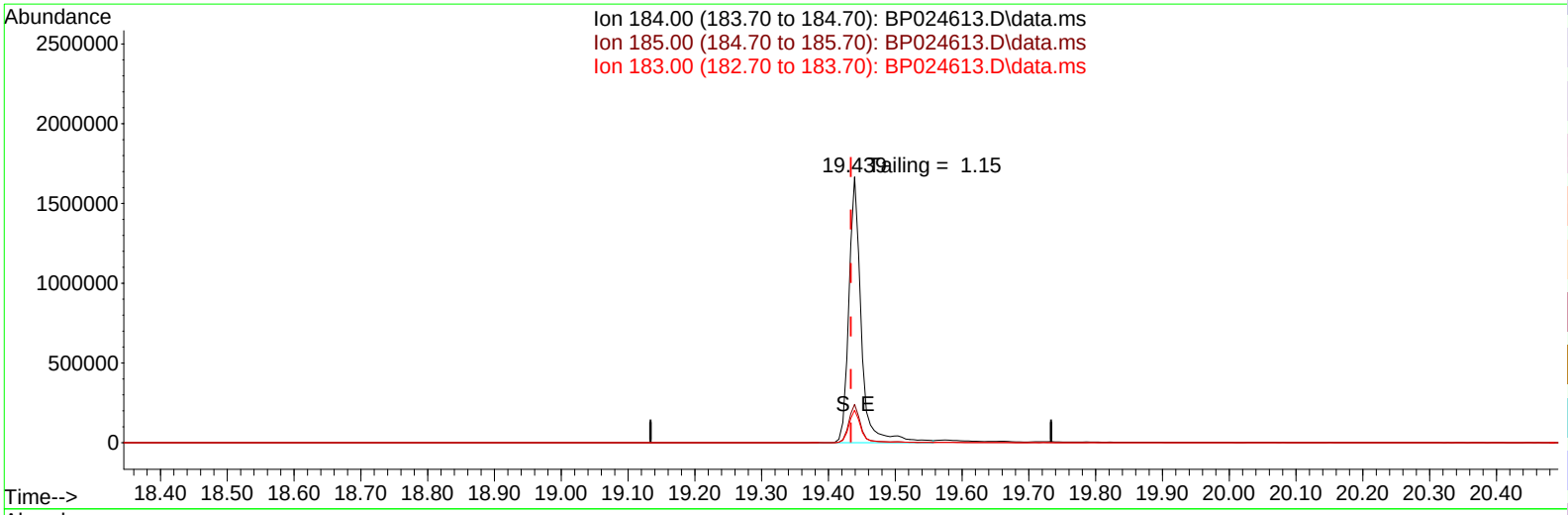
response 398426

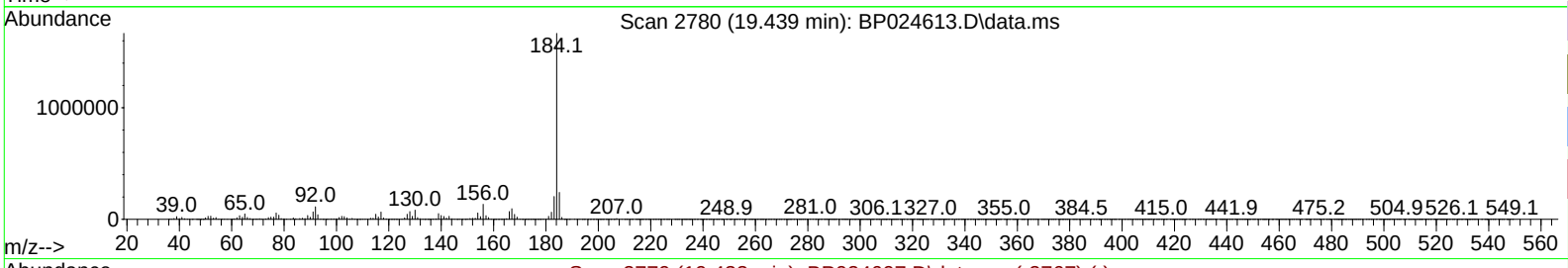
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.60	63.59
264.00	64.00	62.12
0.00	0.00	0.00

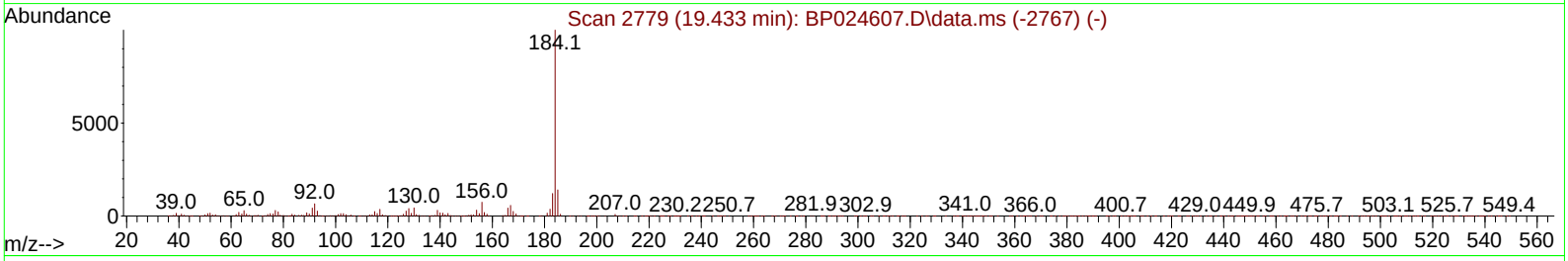
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024613.D
Acq On : 13 May 2025 10:00
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 13 12:28:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 12:28:24 2025
Response via : Initial Calibration







TIC: BP024613.D\data.ms

(77) Benzidine

19.439min (+ 0.006) 5637.89 ng

response 2074486

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.46
183.00	12.10	12.23
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

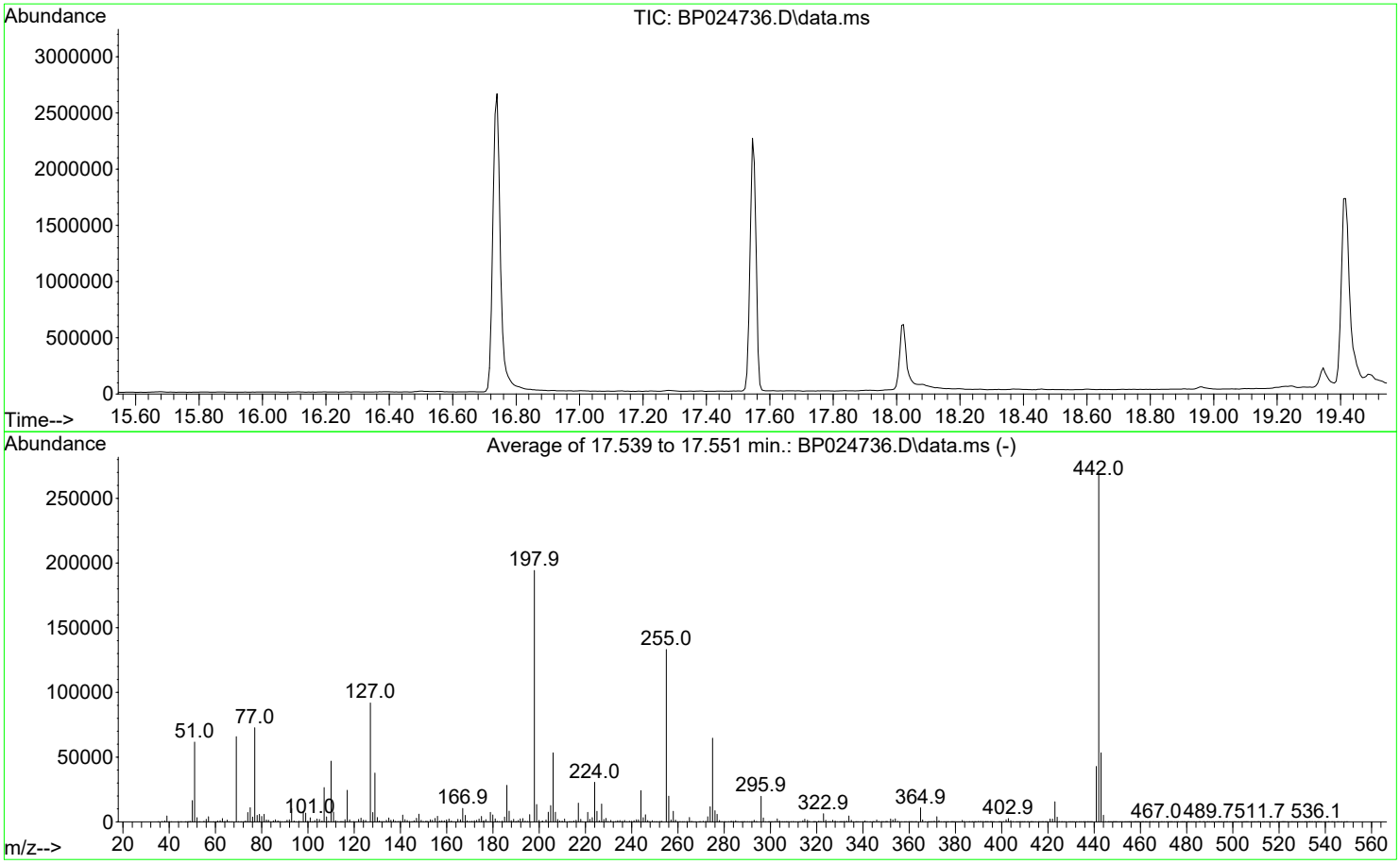
Date	Instrument Name	DFTPP Data File
5/13/2025	BNA_P	BP024613.D
Compound Name	**Response**	**Retention Time**
DDT	750509	20.716
DDD	13774	20.269
DDE	1248	19.733
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
15022	765531	1.96

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024736.D
Acq On : 21 May 2025 12:54
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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025



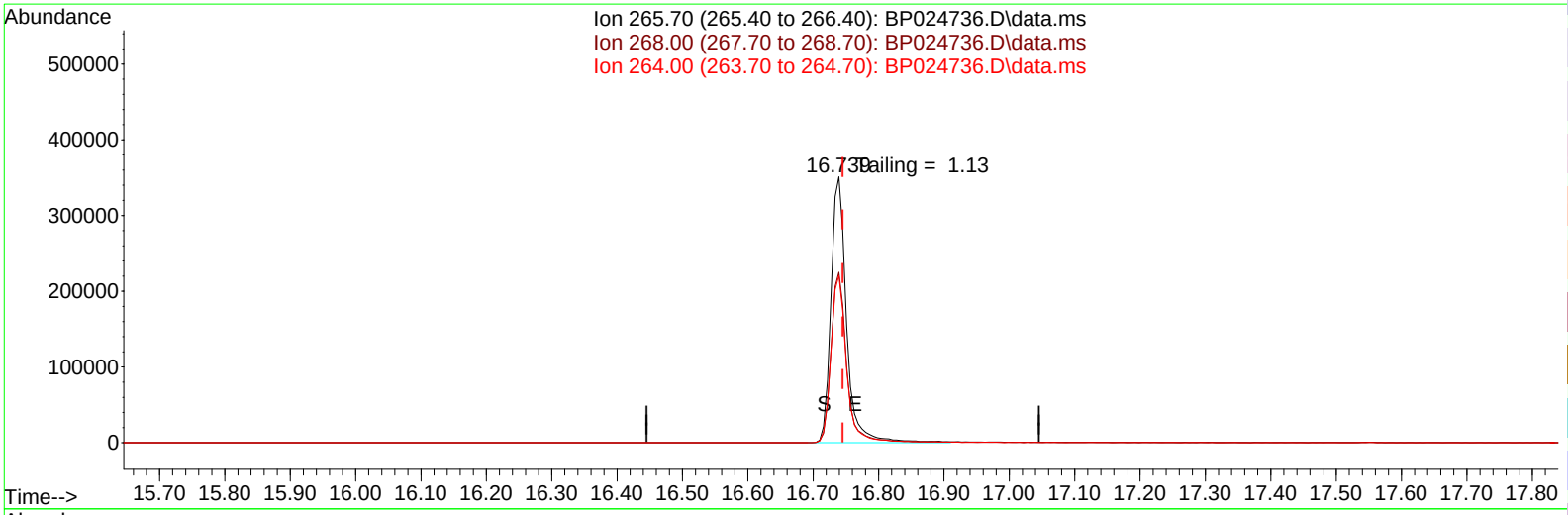
AutoFind: Scans 2457, 2458, 2459; Background Corrected with Scan 2442

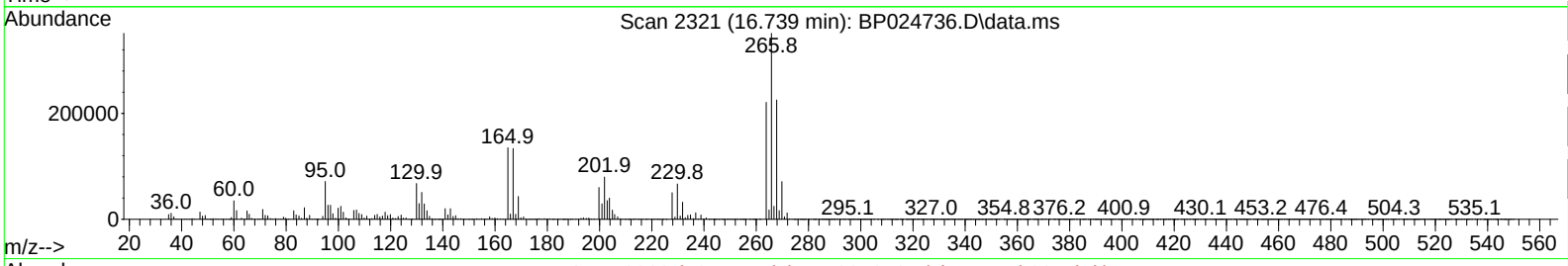
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.7	61657	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	33.9	65818	PASS
70	69	0.00	2	0.4	274	PASS
127	198	10	80	47.3	91936	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	194292	PASS
199	198	5	9	6.9	13462	PASS
275	198	10	60	33.3	64736	PASS
365	198	1	100	5.6	10847	PASS
441	198	0.01	100	22.0	42816	PASS
442	442	100	100	100.0	268409	PASS
443	442	15	24	19.9	53388	PASS

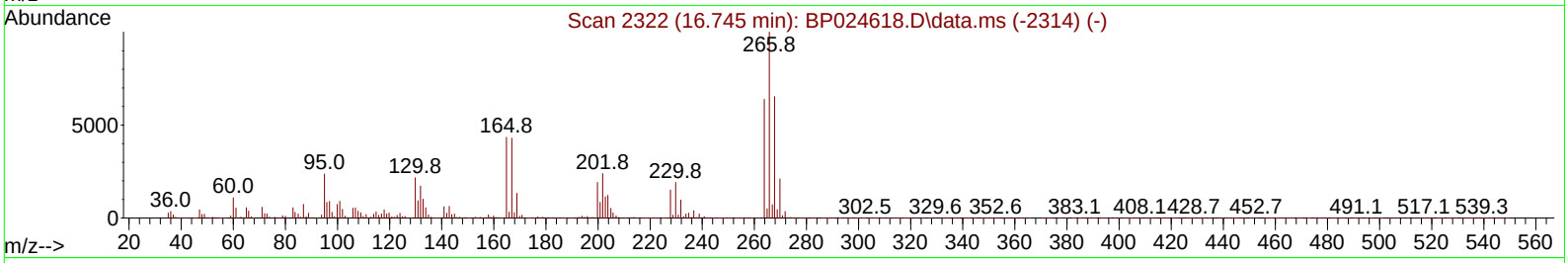
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024736.D
Acq On : 21 May 2025 12:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 21 13:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024736.D\data.ms

(70) Pentachlorophenol (C)

16.739min (-0.006) 2229164.54 ng

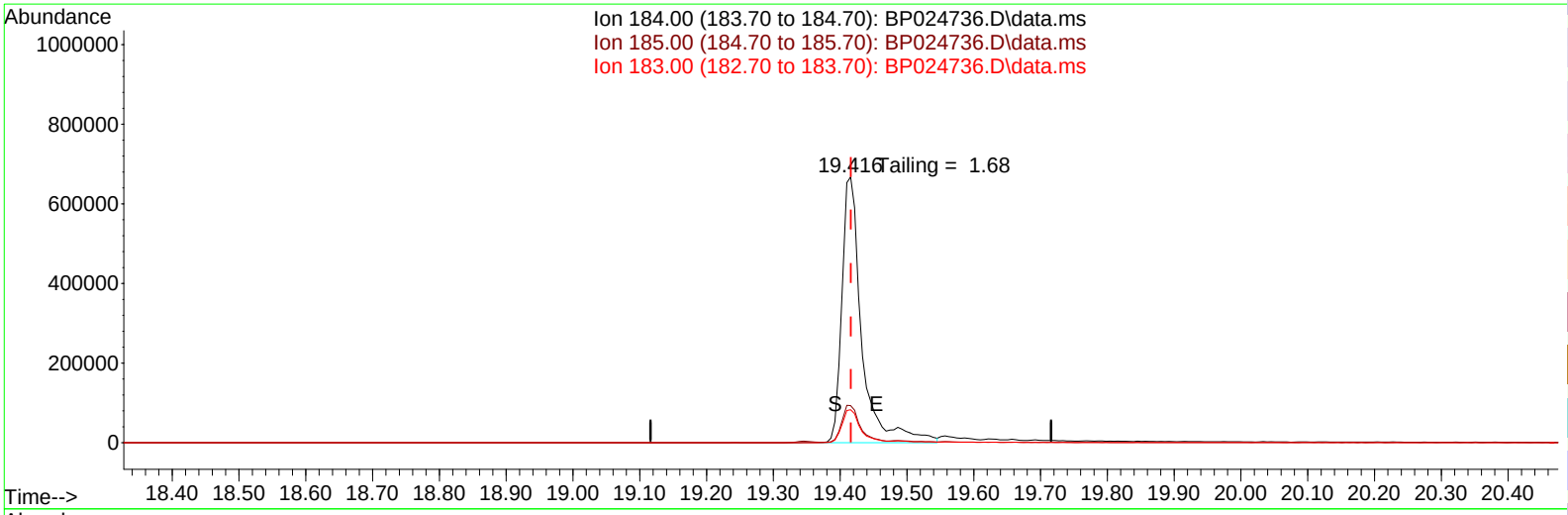
response 580825

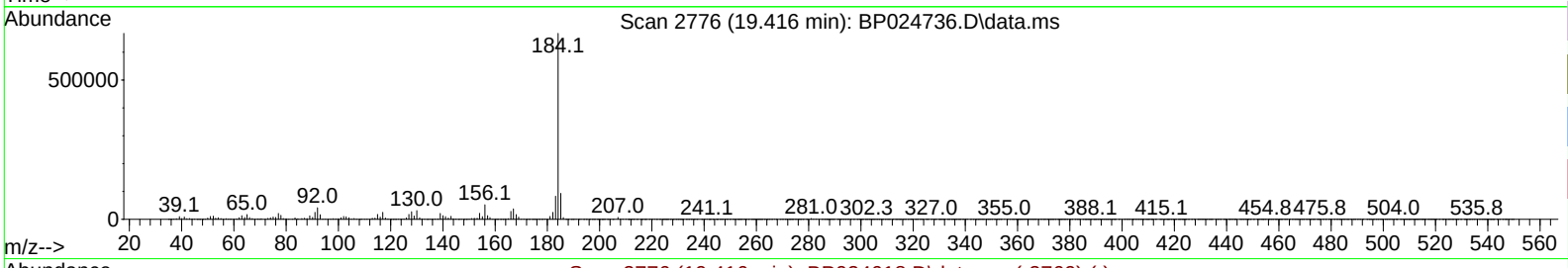
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.16
264.00	63.90	62.88
0.00	0.00	0.00

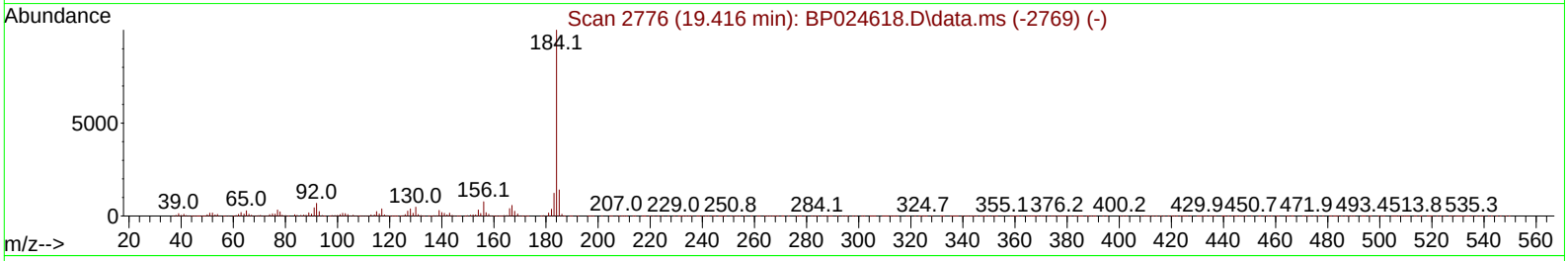
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052125\
Data File : BP024736.D
Acq On : 21 May 2025 12:54
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 21 13:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024736.D\data.ms

(77) Benzidine

19.416min (-0.000) 1103021.58 ng

response 1291799

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.97
183.00	12.30	12.45
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

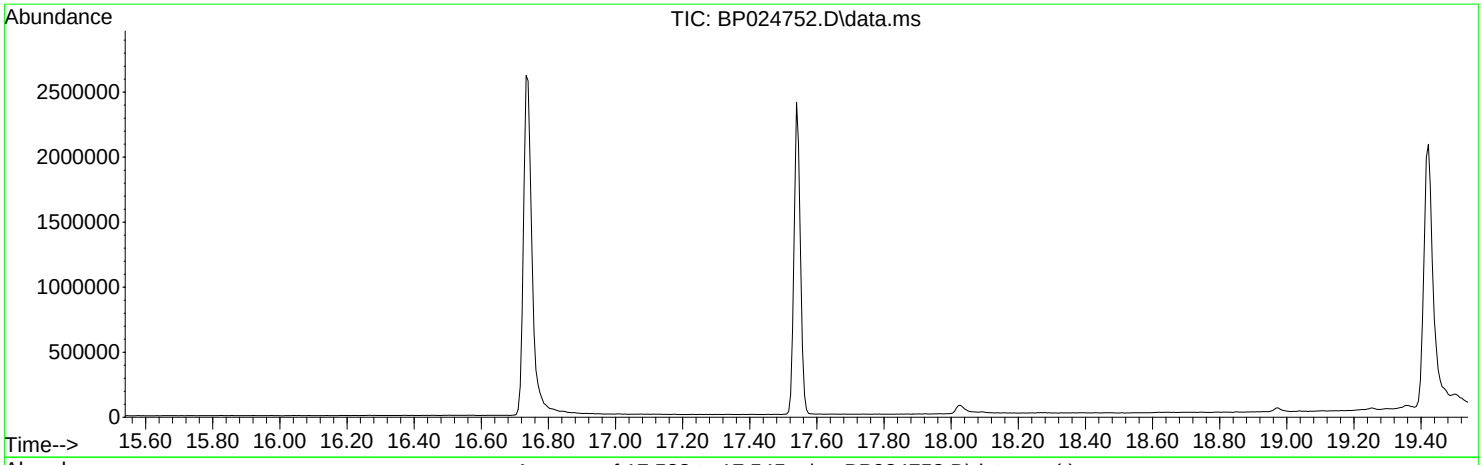
Date	Instrument Name	DFTPP Data File
5/21/2025	BNA_P	BP024736.D
Compound Name	**Response**	**Retention Time**
DDT	699525	20.692
DDD	23692	20.239
DDE	2282	19.704
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
25974	725499	3.58

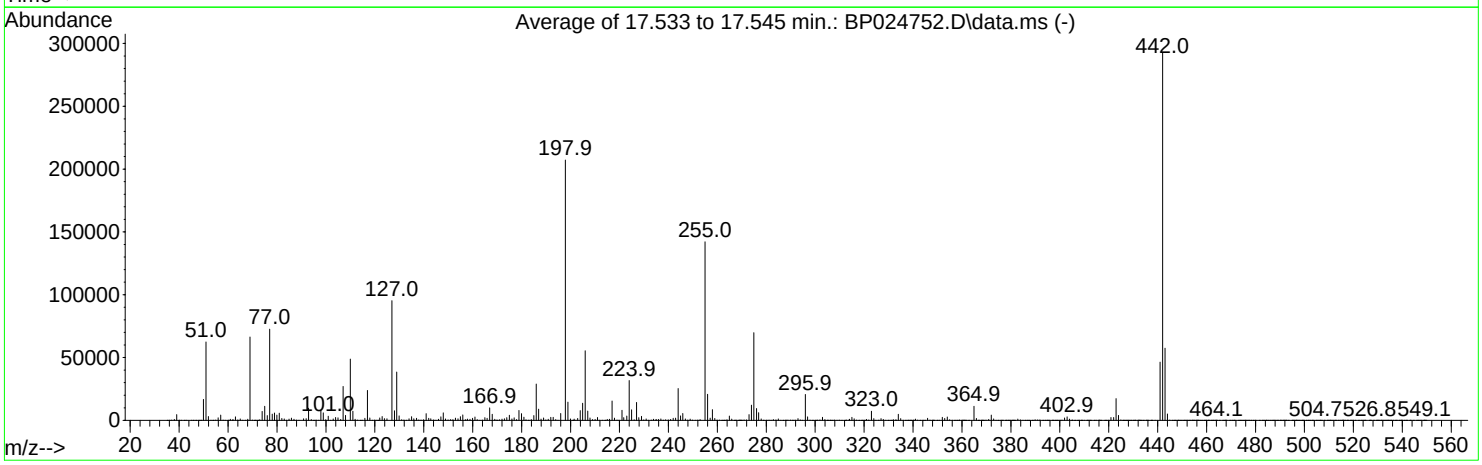
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024752.D
Acq On : 22 May 2025 09:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Tue May 13 16:21:39 2025





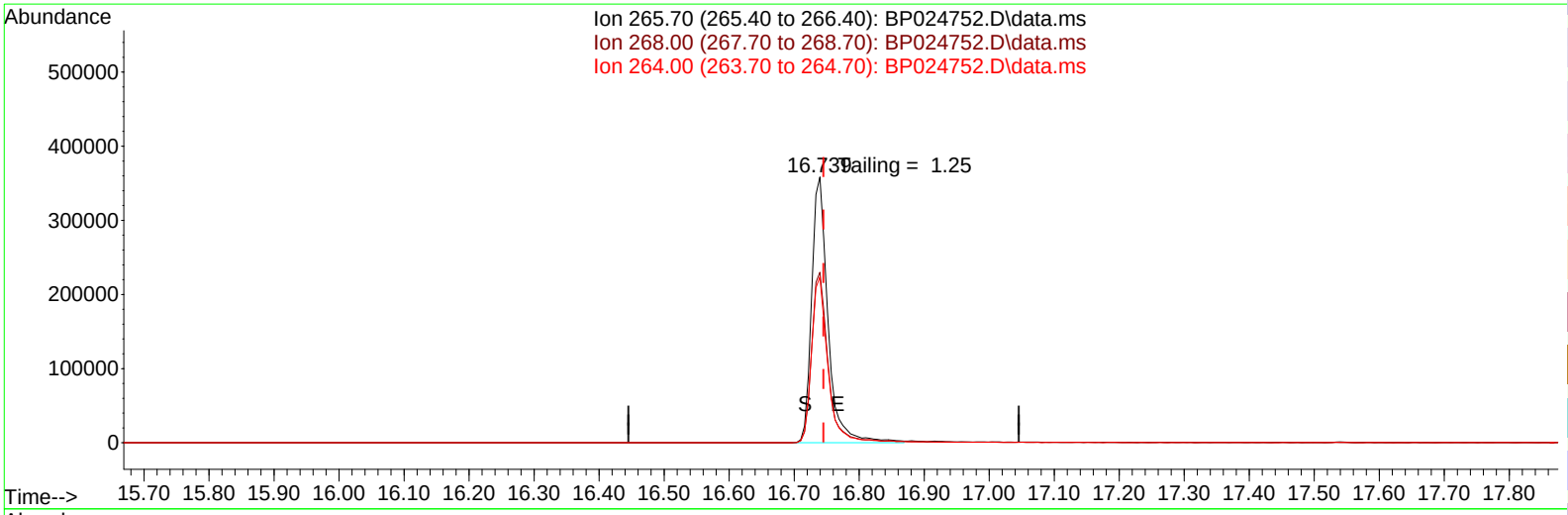
AutoFind: Scans 2456, 2457, 2458; Background Corrected with Scan 2448

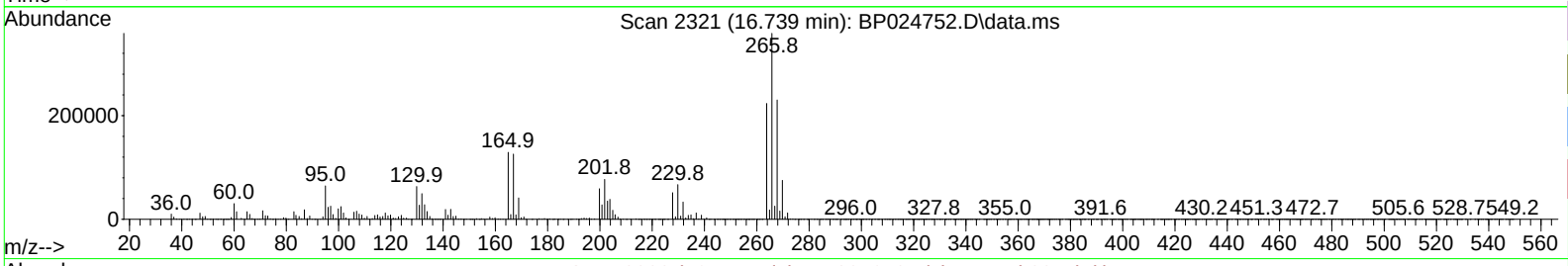
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.1	62396	PASS
68	69	0.00	2	1.3	886	PASS
69	198	0.00	100	32.0	66316	PASS
70	69	0.00	2	0.5	312	PASS
127	198	10	80	46.0	95339	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	207249	PASS
199	198	5	9	7.0	14476	PASS
275	198	10	60	33.7	69755	PASS
365	198	1	100	5.4	11230	PASS
441	198	0.01	100	22.4	46360	PASS
442	442	100	100	100.0	292800	PASS
443	442	15	24	19.6	57458	PASS

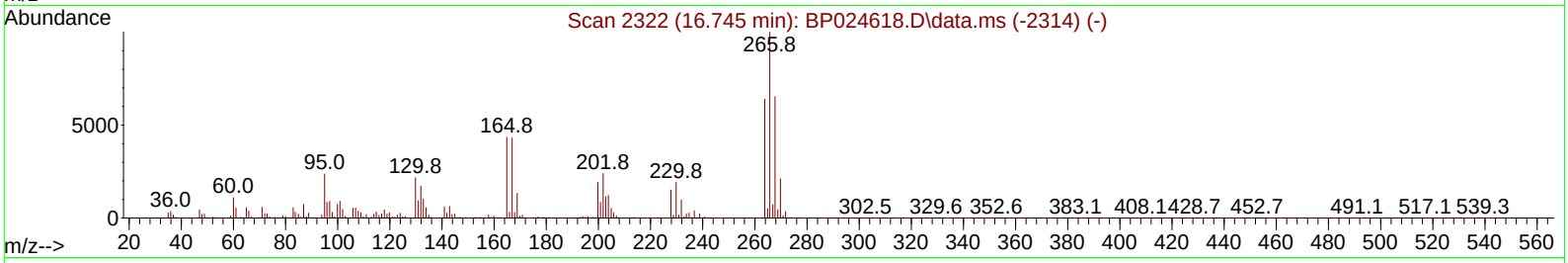
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024752.D
Acq On : 22 May 2025 09:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 22 11:25:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024752.D\data.ms

(70) Pentachlorophenol (C)

16.739min (-0.006) 136502.62 ng

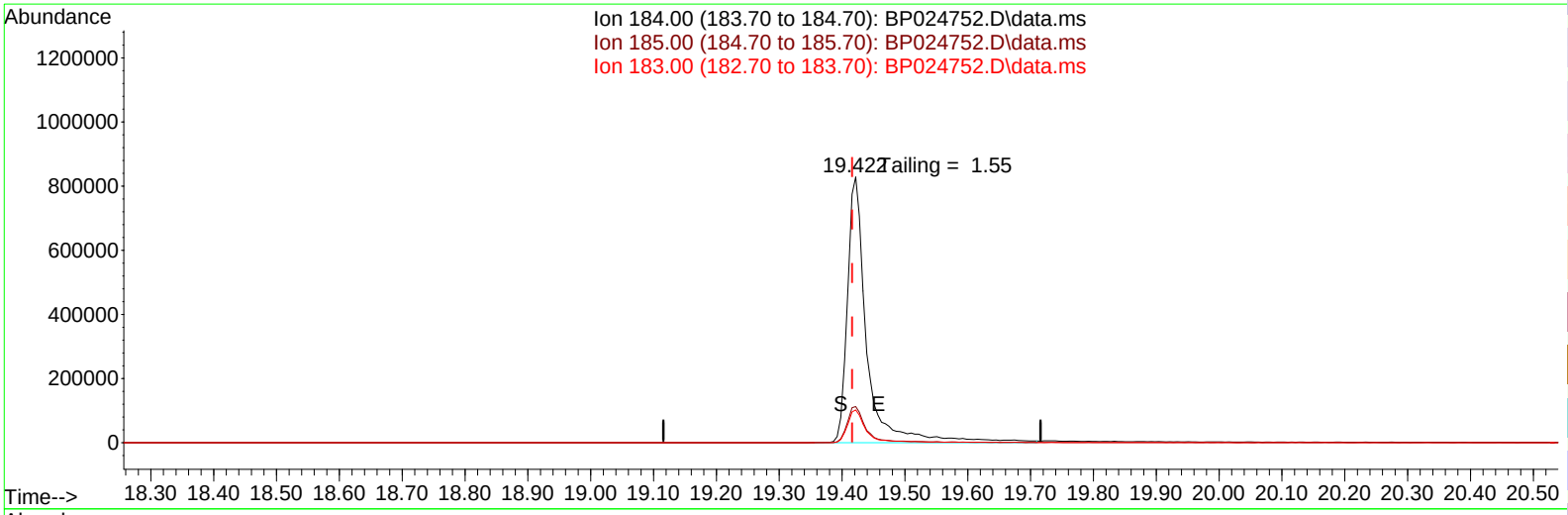
response 627581

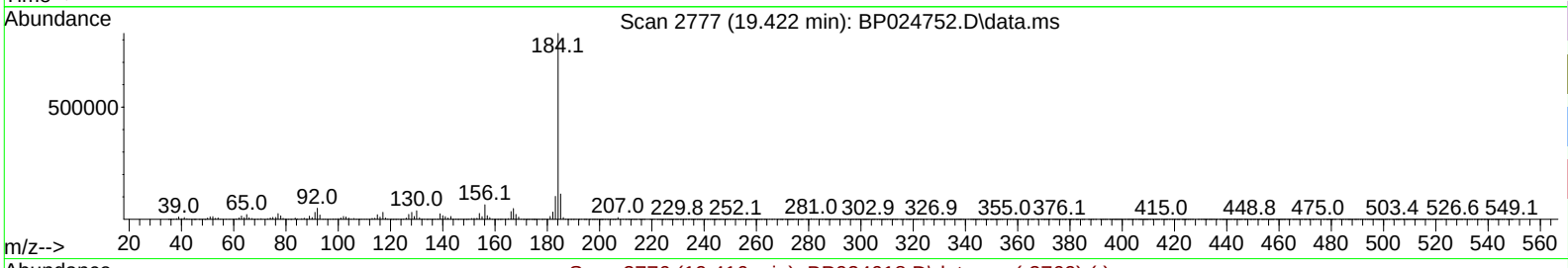
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.30	64.18
264.00	63.90	62.34
0.00	0.00	0.00

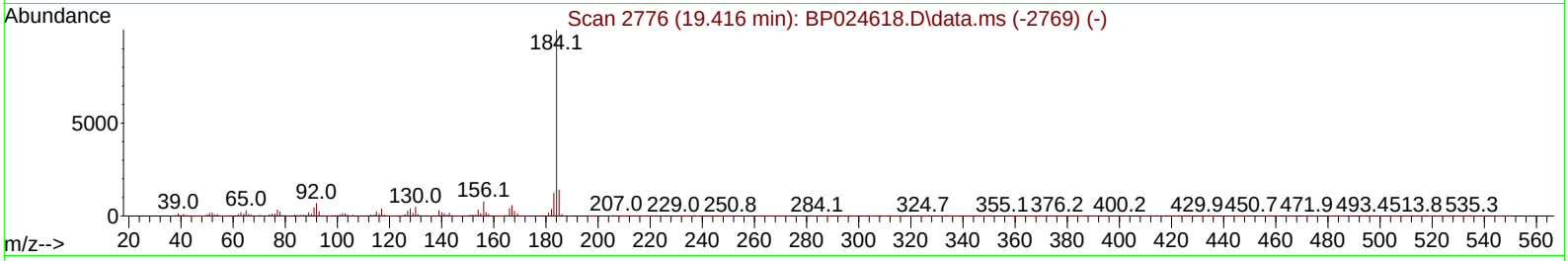
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024752.D
Acq On : 22 May 2025 09:35
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: May 22 11:25:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration







TIC: BP024752.D\data.ms

(77) Benzidine

19.422min (+ 0.006) 65290.51 ng

response 1700006

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.62
183.00	12.30	12.37
0.00	0.00	0.00

Instrument :
BNA_P
ClientSampleId :
DFTPP

DDT Breakdown

Date	Instrument Name	DFTPP Data File
5/22/2025	BNA_P	BP024752.D
Compound Name	**Response**	**Retention Time**
DDT	762668	20.704
DDD	29290	20.239
DDE	2824	19.71
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
32114	794782	4.04

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168083BL			SDG No.:	Q2075
Lab Sample ID:	PB168083BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142479.D	1	05/20/25 09:45	05/21/25 11:09	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	170	U	22.7	170	ug/Kg
208-96-8	Acenaphthylene	170	U	28.9	170	ug/Kg
83-32-9	Acenaphthene	170	U	21.3	170	ug/Kg
86-73-7	Fluorene	170	U	25.3	170	ug/Kg
85-01-8	Phenanthrene	170	U	20.9	170	ug/Kg
120-12-7	Anthracene	170	U	33.3	170	ug/Kg
206-44-0	Fluoranthene	170	U	30.0	170	ug/Kg
129-00-0	Pyrene	170	U	36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	23.0	170	ug/Kg
218-01-9	Chrysene	170	U	19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	67.4		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.4		20 - 109	69%	SPK: 100
1718-51-0	Terphenyl-d14	62.4		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.898			
1146-65-2	Naphthalene-d8	492000	8.181			
15067-26-2	Acenaphthene-d10	265000	9.939			
1517-22-2	Phenanthrene-d10	512000	11.428			
1719-03-5	Chrysene-d12	325000	14.069			
1520-96-3	Perylene-d12	235000	15.563			

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168083BL			SDG No.:	Q2075
Lab Sample ID:	PB168083BL			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142479.D	1	05/20/25 09:45	05/21/25 11:09	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142479.D
Acq On : 21 May 2025 11:09
Operator : RC/JU
Sample : PB168083BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Quant Time: May 21 12:03:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

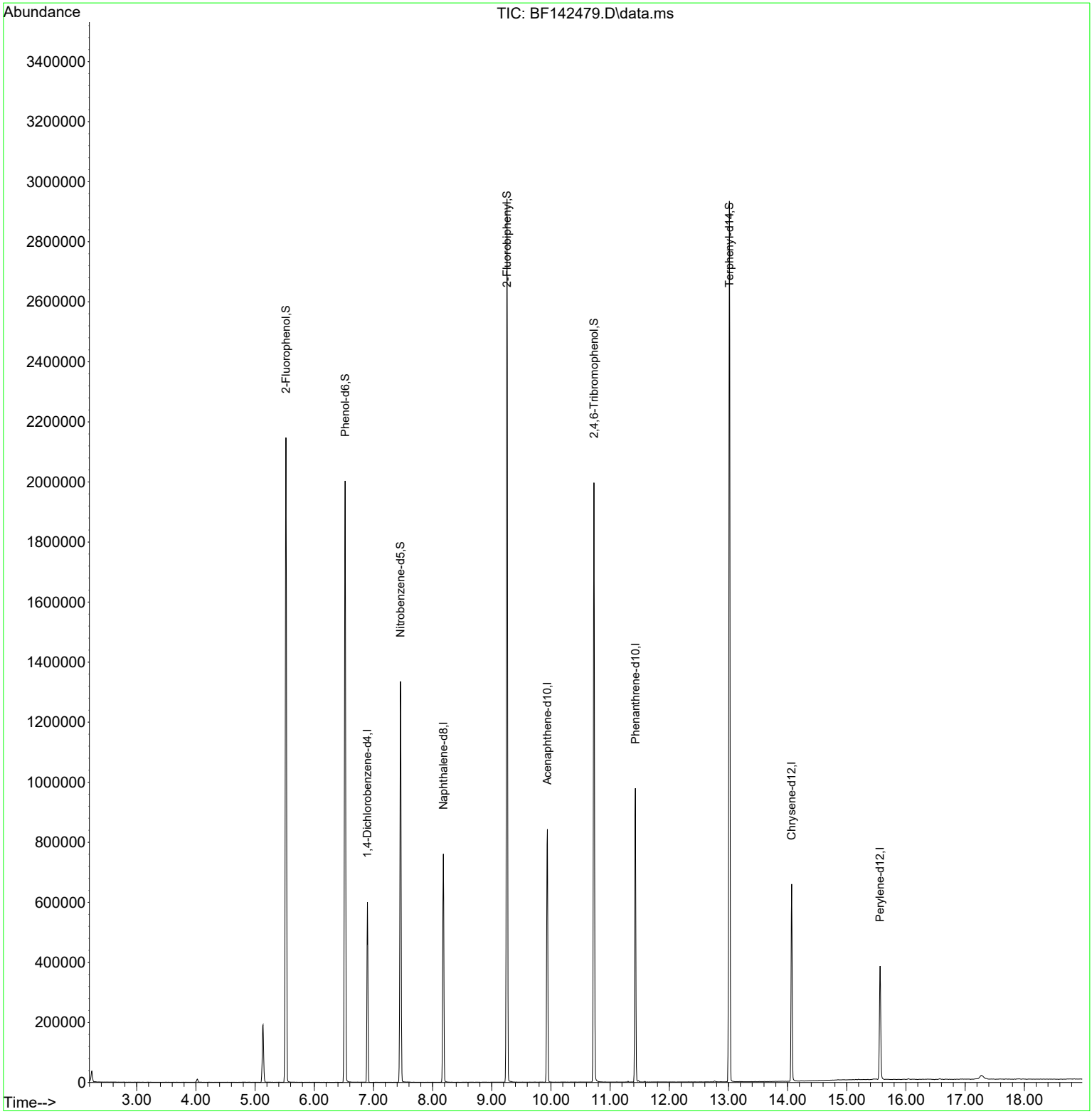
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	127003	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	492428	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	264579	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	511963	20.000	ng	0.00
76) Chrysene-d12	14.069	240	324877	20.000	ng	0.00
86) Perylene-d12	15.563	264	234653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	856643	113.638	ng	0.00
7) Phenol-d6	6.522	99	1002883	110.518	ng	-0.01
23) Nitrobenzene-d5	7.457	82	608593	67.392	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	374916	127.675	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1368581	69.410	ng	-0.01
79) Terphenyl-d14	13.016	244	1483984	62.421	ng	0.00
Target Compounds						Qvalue

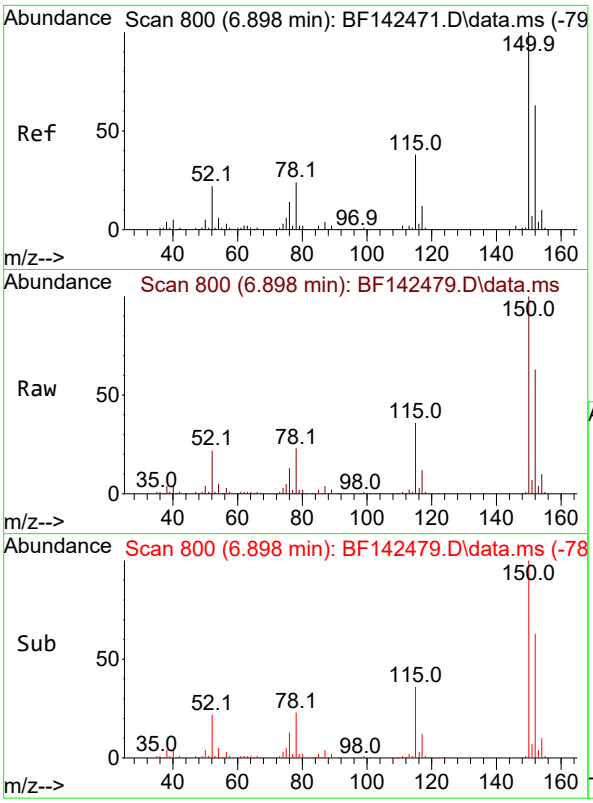
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142479.D
Acq On : 21 May 2025 11:09
Operator : RC/JU
Sample : PB168083BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Quant Time: May 21 12:03:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



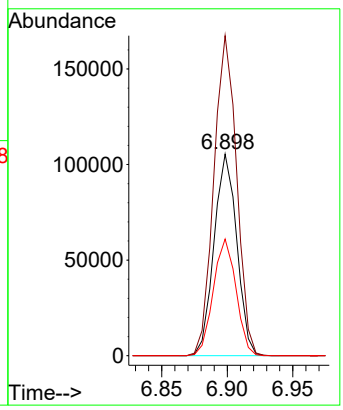


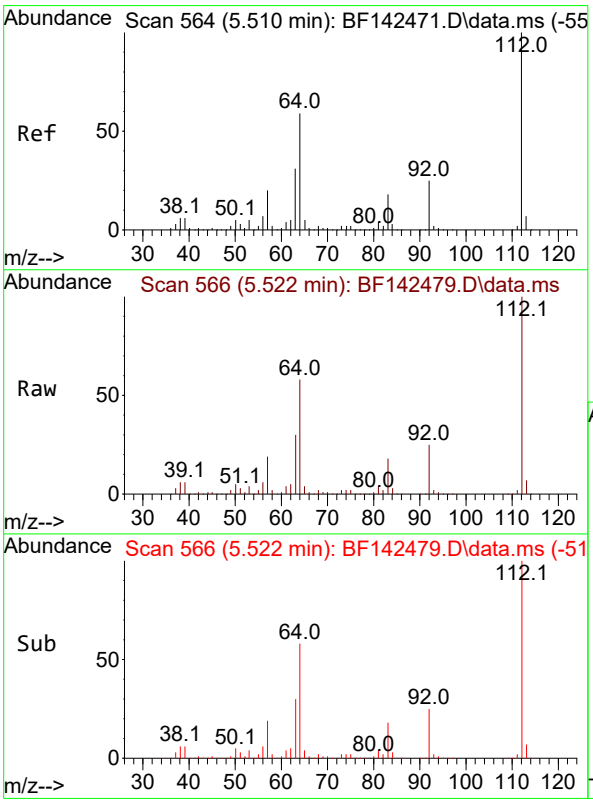
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion:152 Resp: 127003

Ion	Ratio	Lower	Upper
152	100		
150	158.7	128.2	192.4
115	57.8	48.3	72.5

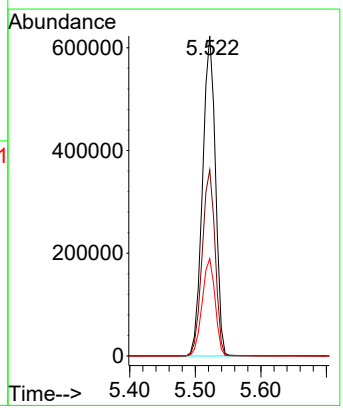


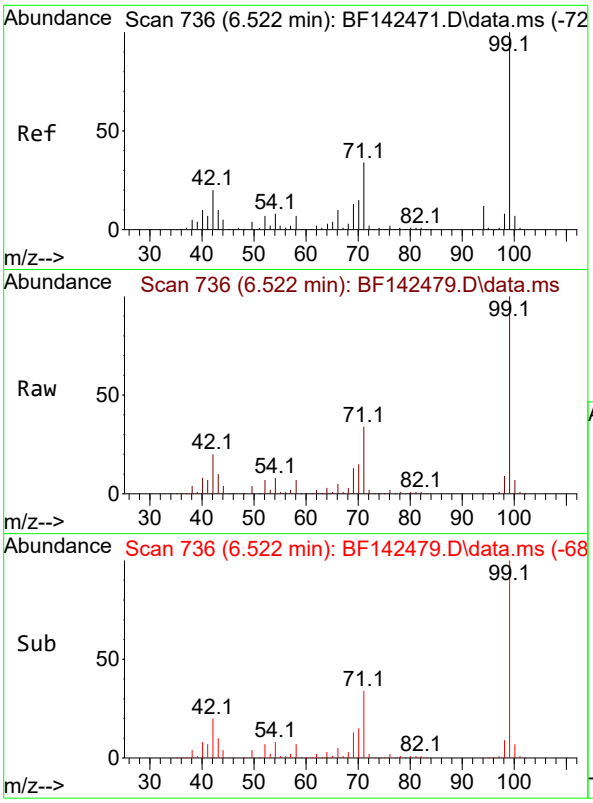


#5
2-Fluorophenol
Concen: 113.638 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:112 Resp: 856643

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.5	71.3
63	30.4	24.9	37.3



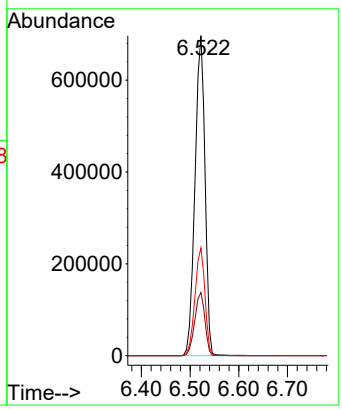


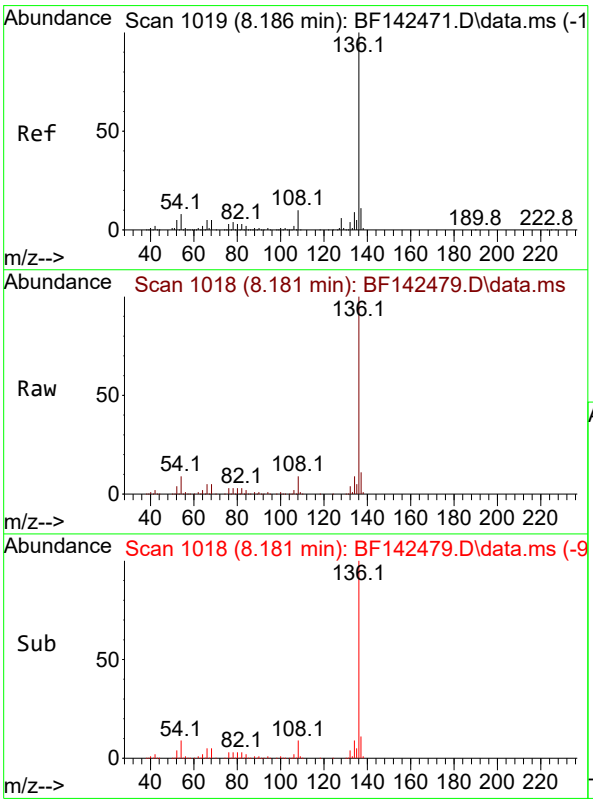
#7
Phenol-d6
Concen: 110.518 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion: 99 Resp: 1002883

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.7	27.3	40.9

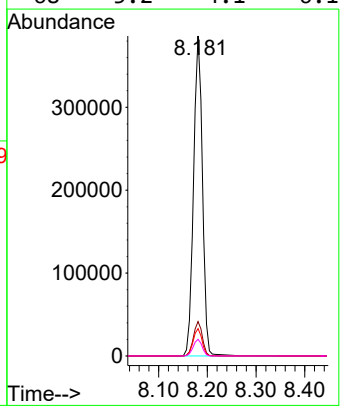


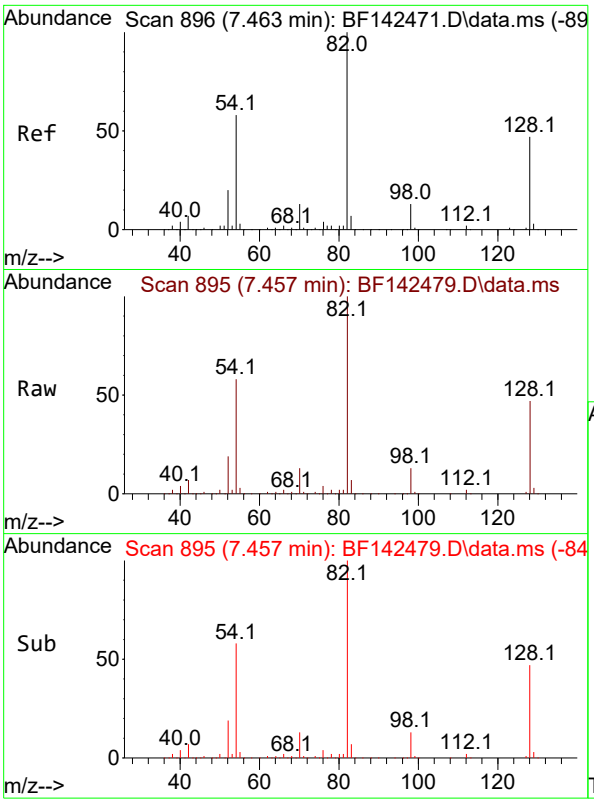


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:136 Resp: 492428

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.5	6.6	10.0
68	5.2	4.1	6.1



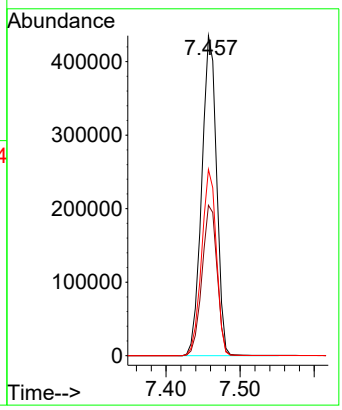


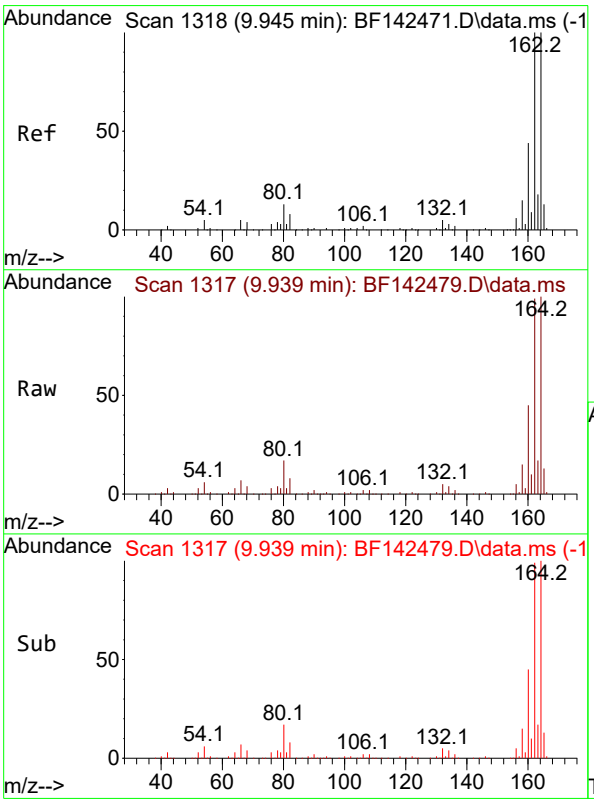
#23
Nitrobenzene-d5
Concen: 67.392 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion: 82 Resp: 608593

Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.4	56.2
54	58.2	46.6	70.0

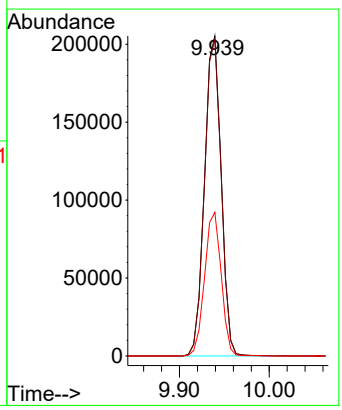


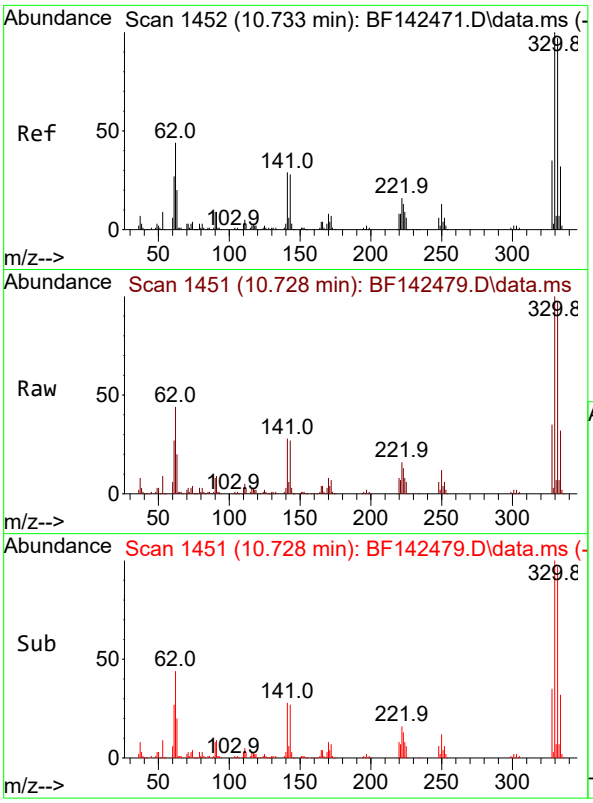


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:164 Resp: 264579

Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.2	120.4
160	44.9	35.6	53.4



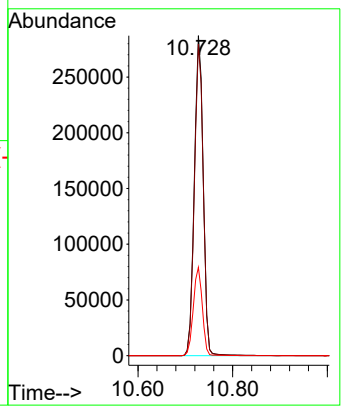


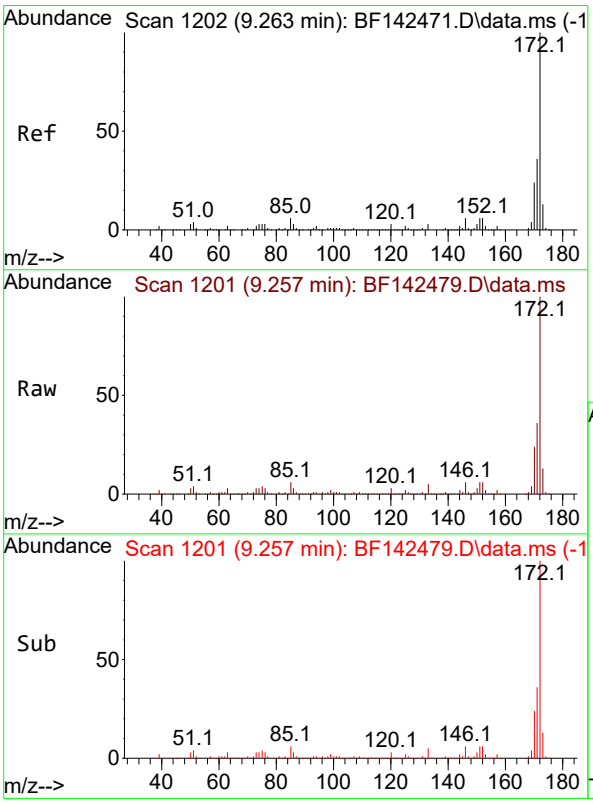
#42
2,4,6-Tribromophenol
Concen: 127.675 ng
RT: 10.728 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion:330 Resp: 374916

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	27.9	24.6	36.8

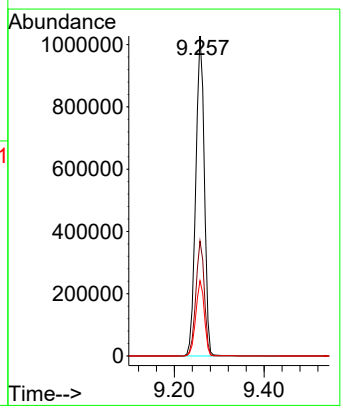


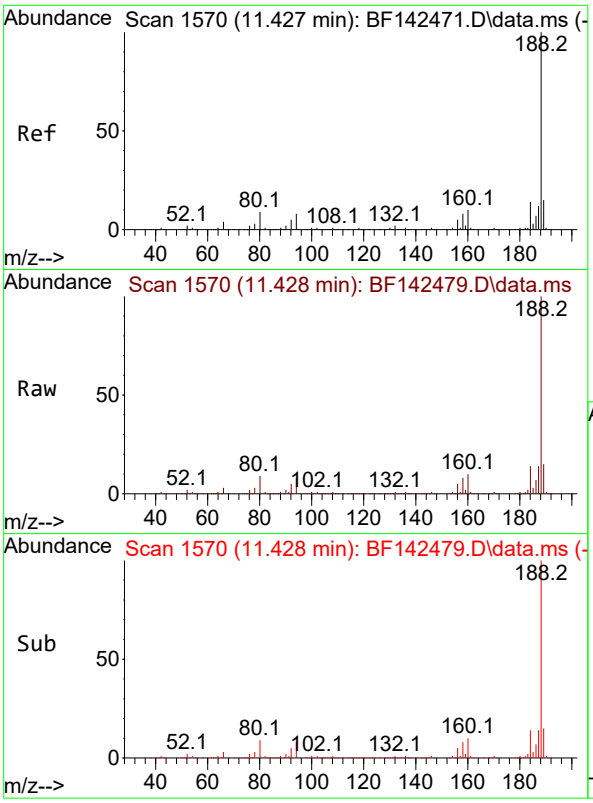


#45
2-Fluorobiphenyl
Concen: 69.410 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:172 Resp: 1368581

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.5	18.9	28.3



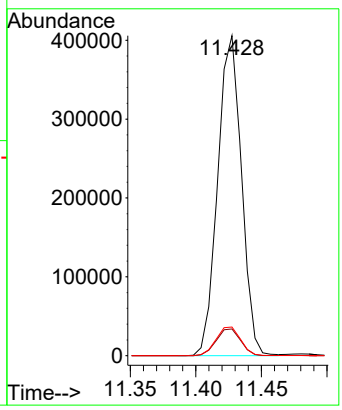


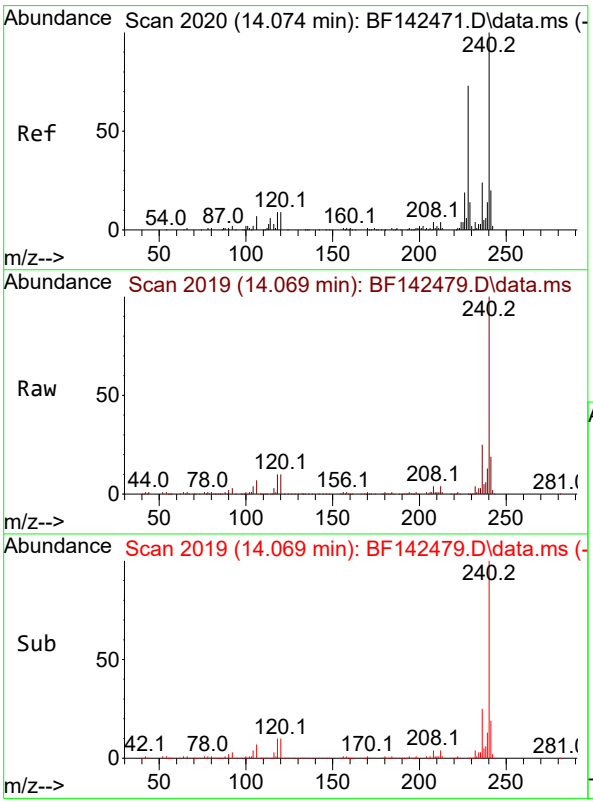
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion:188 Resp: 511963

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.9	7.4	11.0

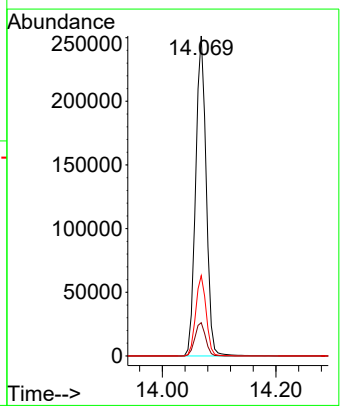


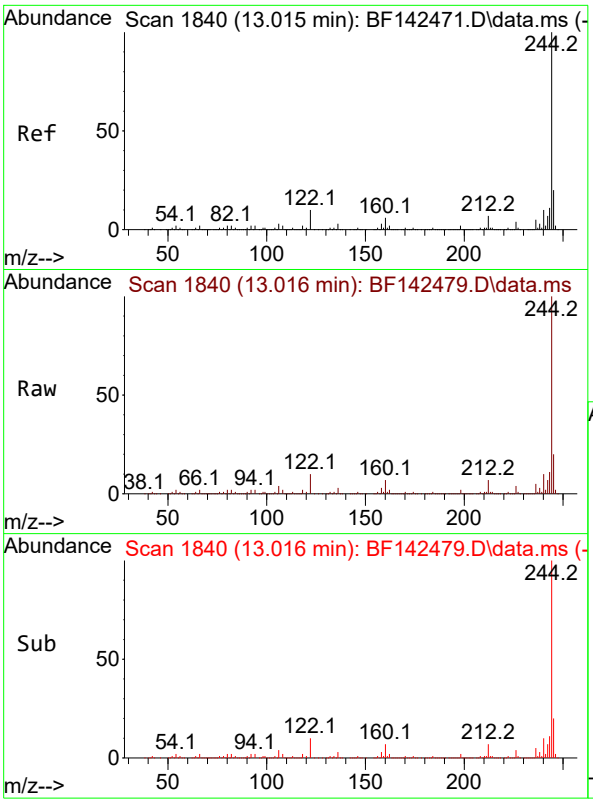


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:240 Resp: 324877

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.5	11.3
236	25.1	19.6	29.4



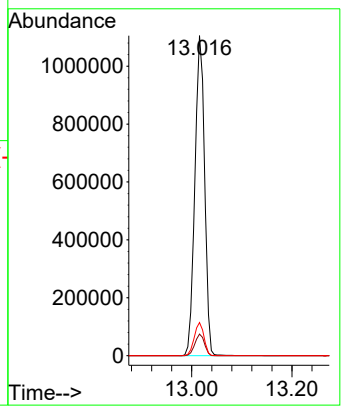


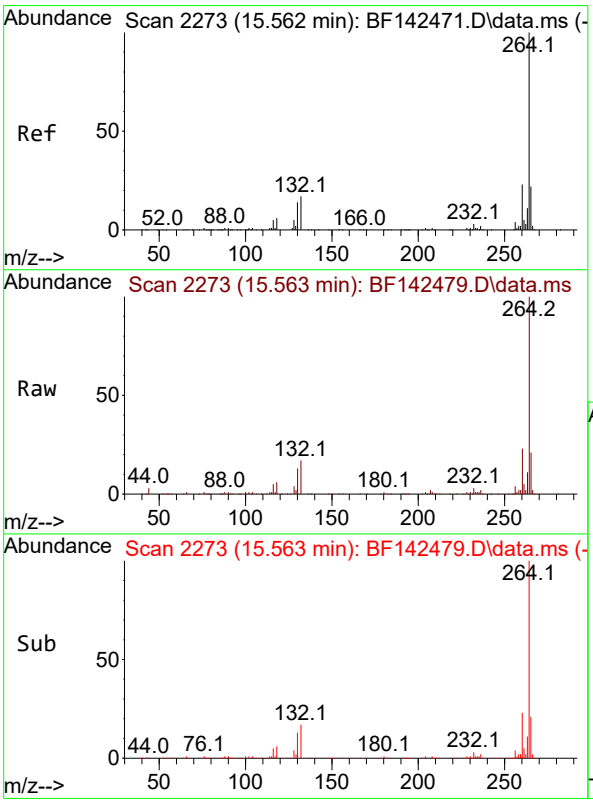
#79
Terphenyl-d14
Concen: 62.421 ng
RT: 13.016 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Instrument :
BNA_F
ClientSampleId :
PB168083BL

Tgt Ion:244 Resp: 1483984

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.3	8.2	12.2

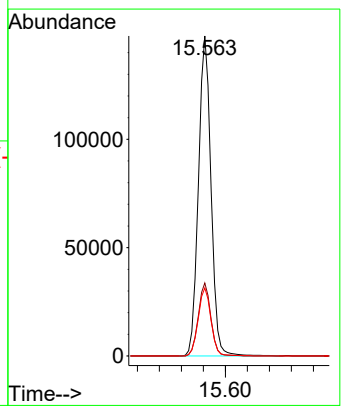




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142479.D
Acq: 21 May 2025 11:09

Tgt Ion:264 Resp: 234653

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.2	17.7	26.5



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168098BL	SDG No.:	Q2075
Lab Sample ID:	PB168098BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024754.D	1	05/21/25 08:40	05/22/25 11:37	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	5.00	U	0.50	5.00	ug/L
208-96-8	Acenaphthylene	5.00	U	0.75	5.00	ug/L
83-32-9	Acenaphthene	5.00	U	0.55	5.00	ug/L
86-73-7	Fluorene	5.00	U	0.63	5.00	ug/L
85-01-8	Phenanthrene	5.00	U	0.50	5.00	ug/L
120-12-7	Anthracene	5.00	U	0.61	5.00	ug/L
206-44-0	Fluoranthene	5.00	U	0.82	5.00	ug/L
129-00-0	Pyrene	5.00	U	0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	5.00	U	0.45	5.00	ug/L
218-01-9	Chrysene	5.00	U	0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	5.00	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	5.00	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	5.00	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.00	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.00	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	5.00	U	0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	75.0		49 - 133	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		52 - 132	77%	SPK: 100
1718-51-0	Terphenyl-d14	83.0		48 - 125	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.652			
1146-65-2	Naphthalene-d8	454000	10.422			
15067-26-2	Acenaphthene-d10	285000	14.287			
1517-22-2	Phenanthrene-d10	613000	17.092			
1719-03-5	Chrysene-d12	716000	21.522			
1520-96-3	Perylene-d12	855000	24.821			

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168098BL			SDG No.:	Q2075
Lab Sample ID:	PB168098BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024754.D	1	05/21/25 08:40	05/22/25 11:37	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Time: May 22 11:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

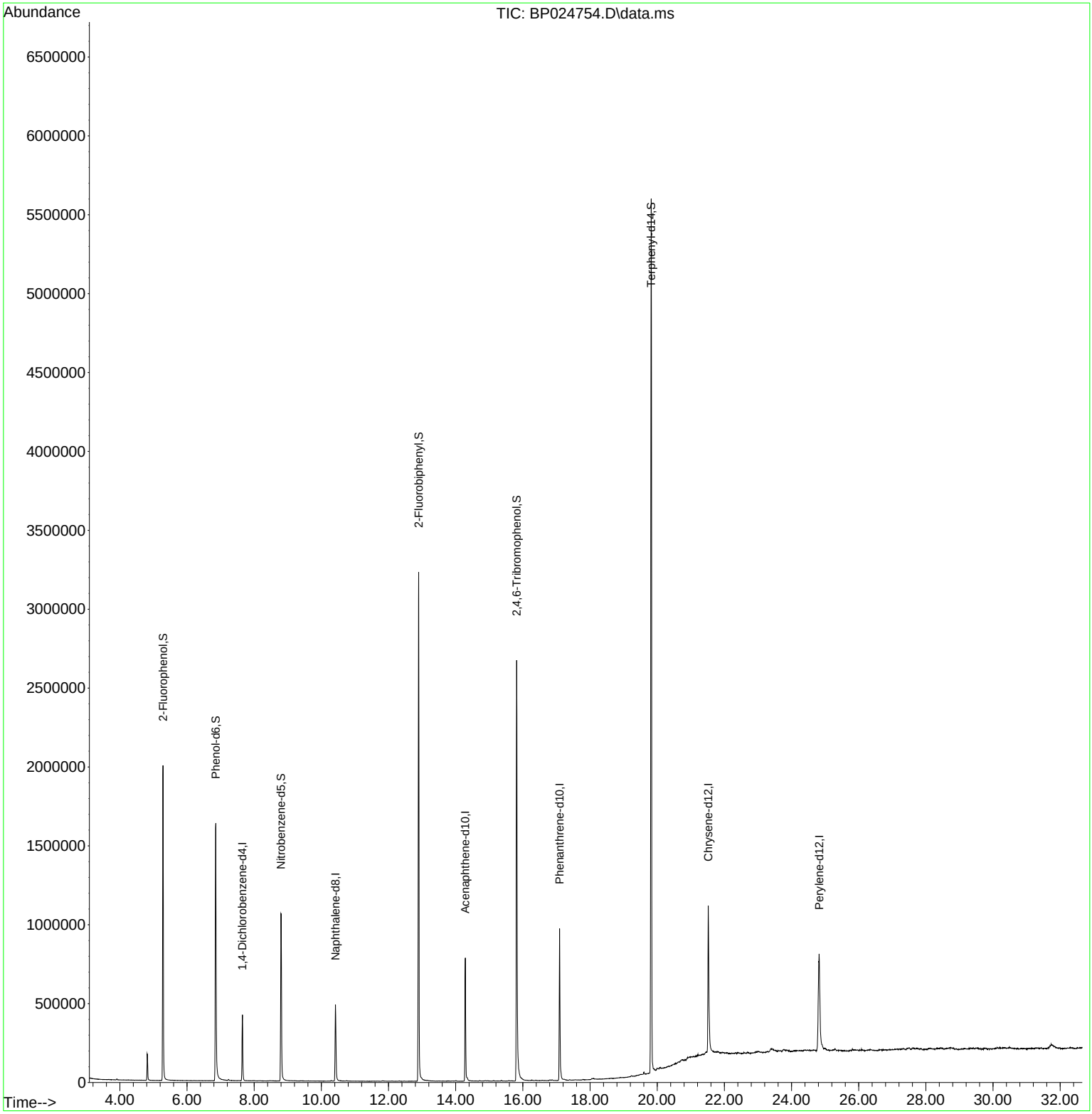
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	115351	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	453620	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	285428	20.000	ng	-0.02
64) Phenanthrene-d10	17.092	188	613349	20.000	ng	0.00
76) Chrysene-d12	21.522	240	715536	20.000	ng	0.00
86) Perylene-d12	24.821	264	855120	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	894994	132.705	ng	0.00
7) Phenol-d6	6.858	99	1057300	122.835	ng	0.00
23) Nitrobenzene-d5	8.799	82	673508	75.019	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	734079	151.706	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1683571	77.276	ng	0.00
79) Terphenyl-d14	19.822	244	3464548	83.024	ng	0.01
Target Compounds						Qvalue

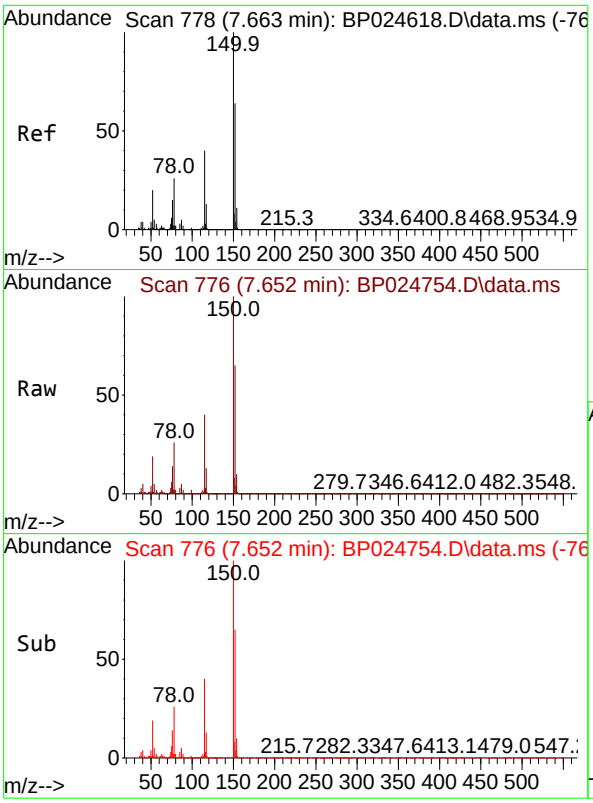
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024754.D
Acq On : 22 May 2025 11:37
Operator : RC/JU
Sample : PB168098BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Quant Time: May 22 11:56:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



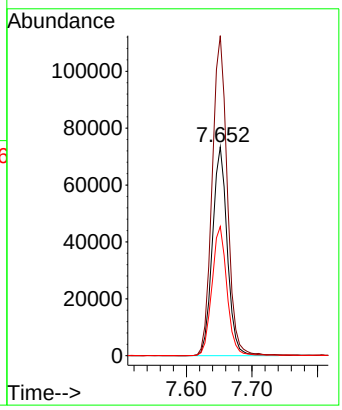


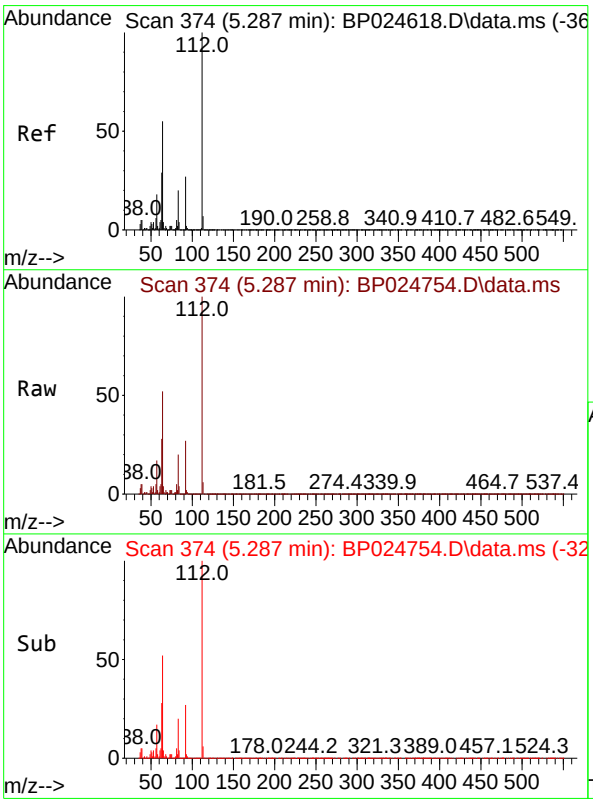
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:152 Resp: 115351

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.9	188.9
115	61.8	50.1	75.1

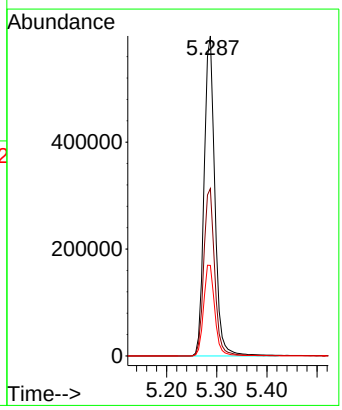


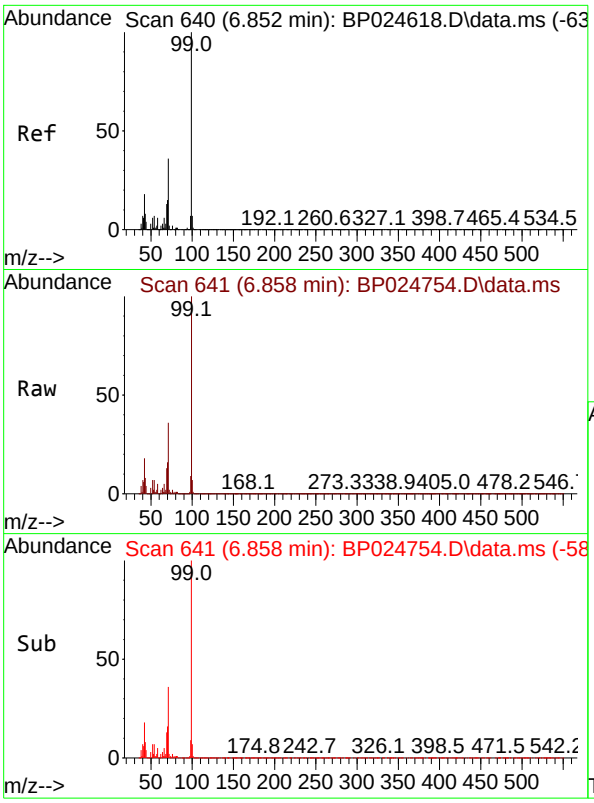


#5
2-Fluorophenol
Concen: 132.705 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:112 Resp: 894994

Ion	Ratio	Lower	Upper
112	100		
64	52.3	44.1	66.1
63	28.3	23.5	35.3



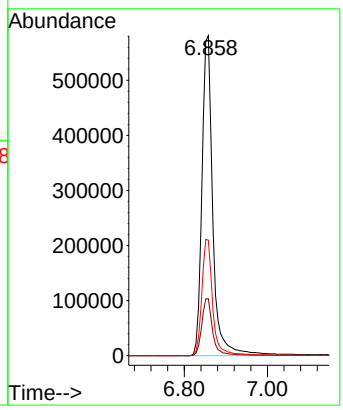


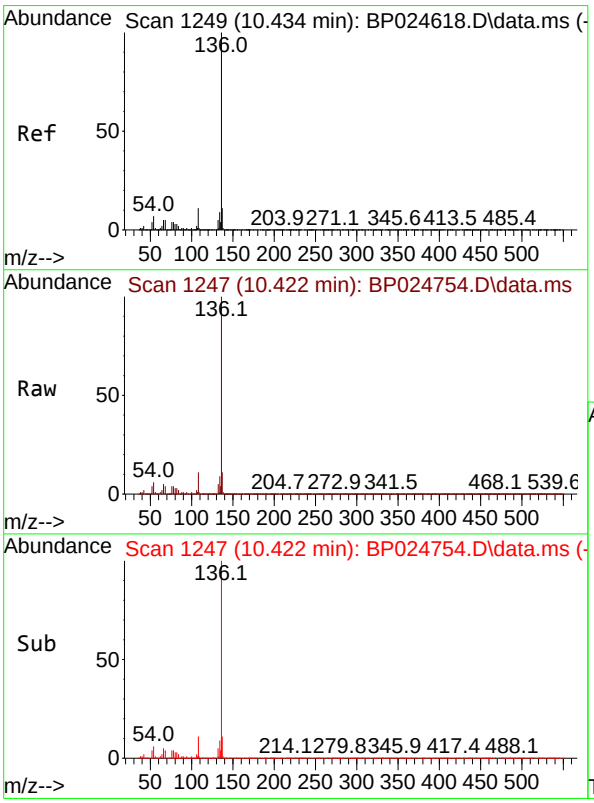
#7
Phenol-d6
Concen: 122.835 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion: 99 Resp: 1057300

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.4	21.6
71	36.1	29.2	43.8

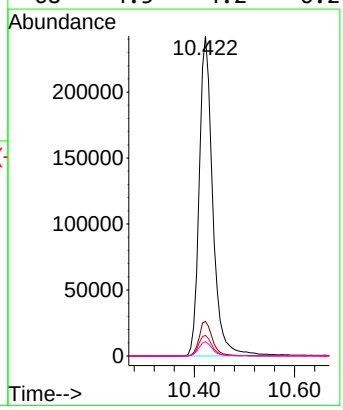


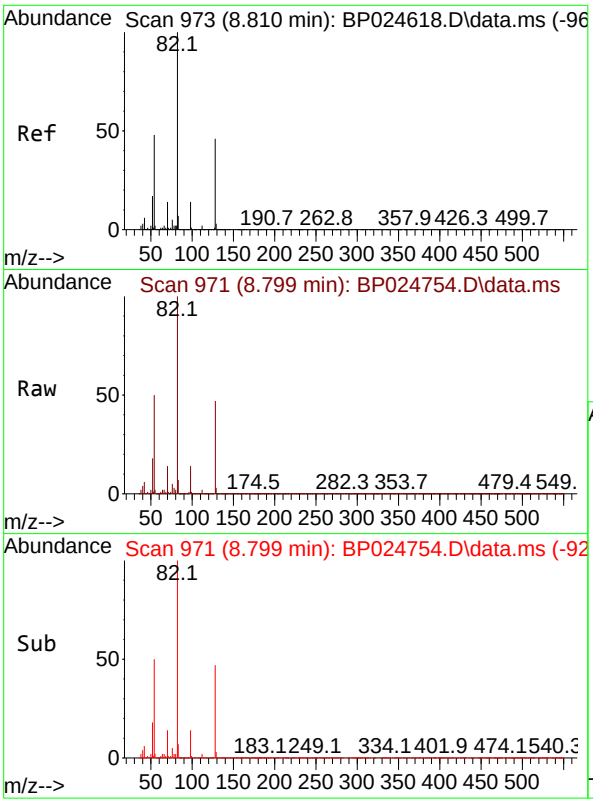


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:136 Resp: 453620

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.5	5.5	8.3
68	4.5	4.2	6.2



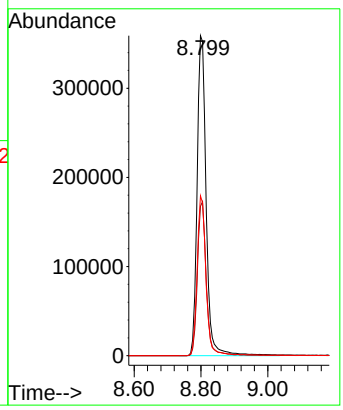


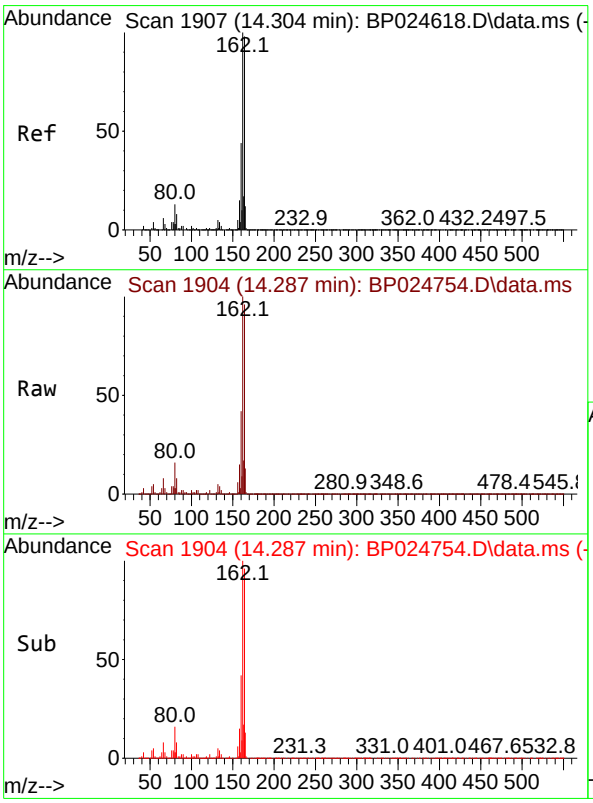
#23
Nitrobenzene-d5
Concen: 75.019 ng
RT: 8.799 min Scan# 9
Delta R.T. -0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion: 82 Resp: 673508

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.0	55.4
54	50.0	38.7	58.1

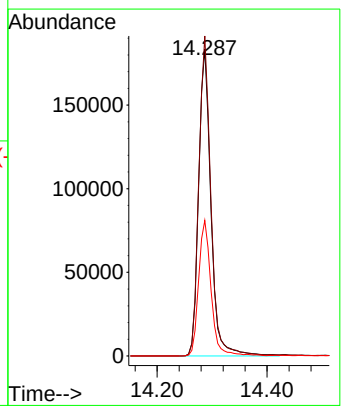


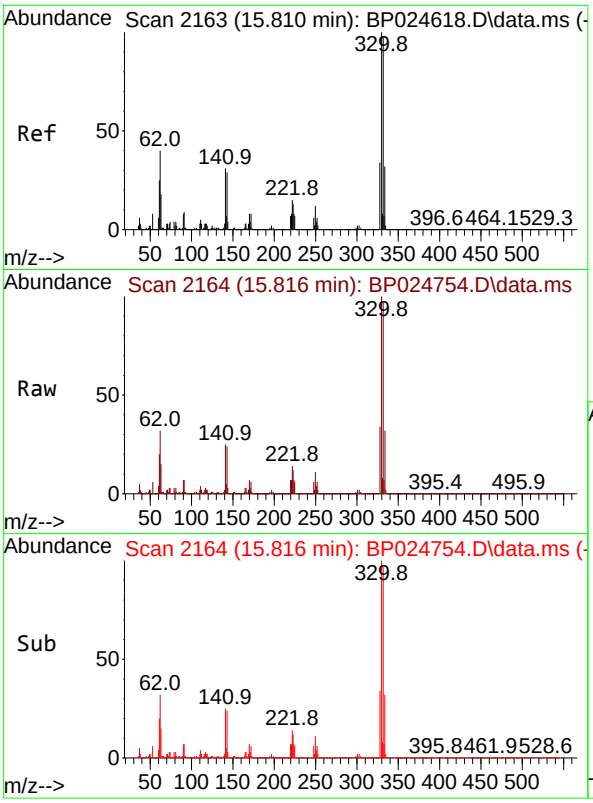


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:164 Resp: 285428

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.8	122.6
160	44.2	36.3	54.5



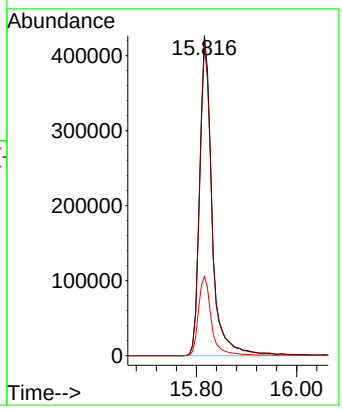


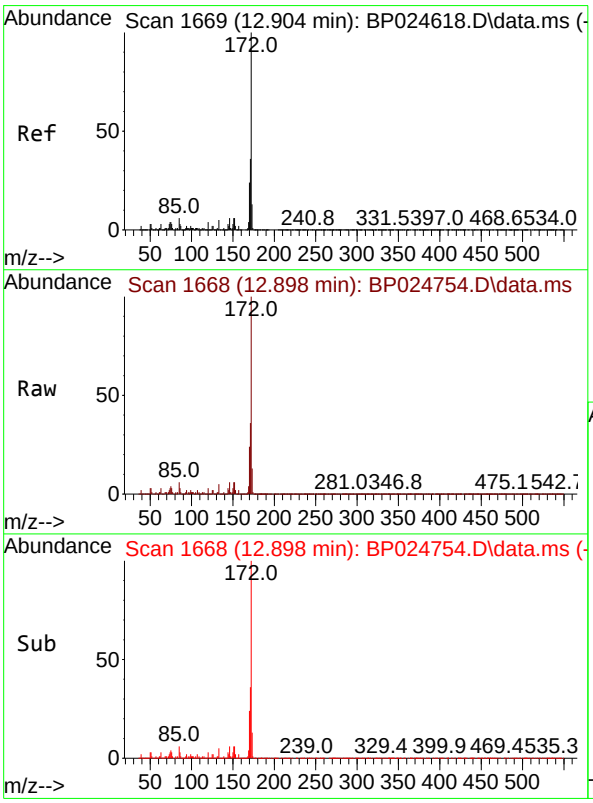
#42
2,4,6-Tribromophenol
Concen: 151.706 ng
RT: 15.816 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:330 Resp: 734079

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.4
141	26.0	24.3	36.5

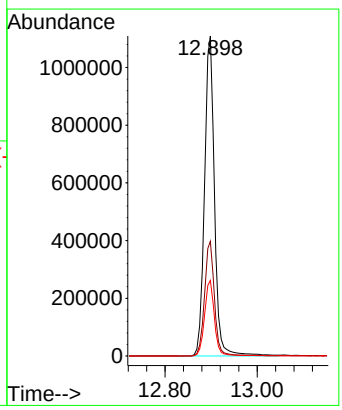


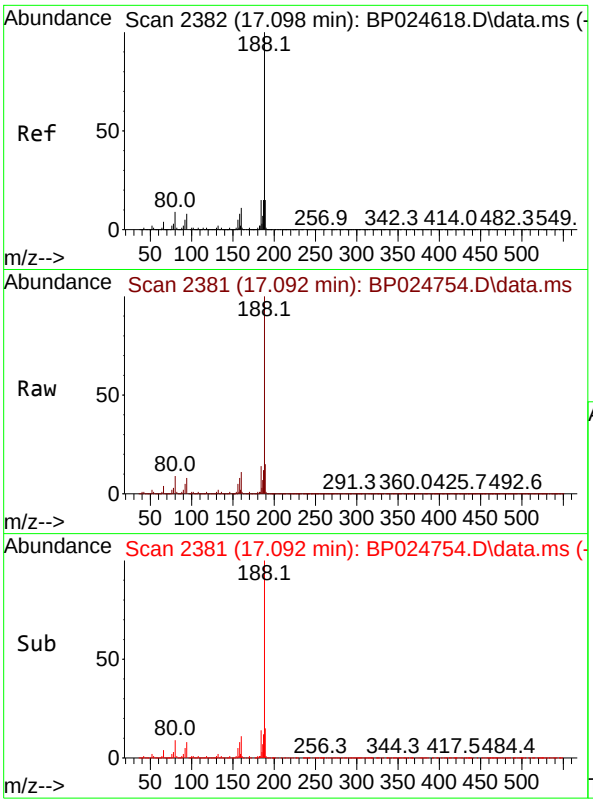


#45
2-Fluorobiphenyl
Concen: 77.276 ng
RT: 12.898 min Scan# 1668
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:172 Resp: 1683571

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	23.6	18.8	28.2



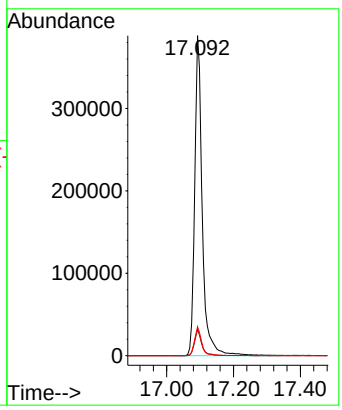


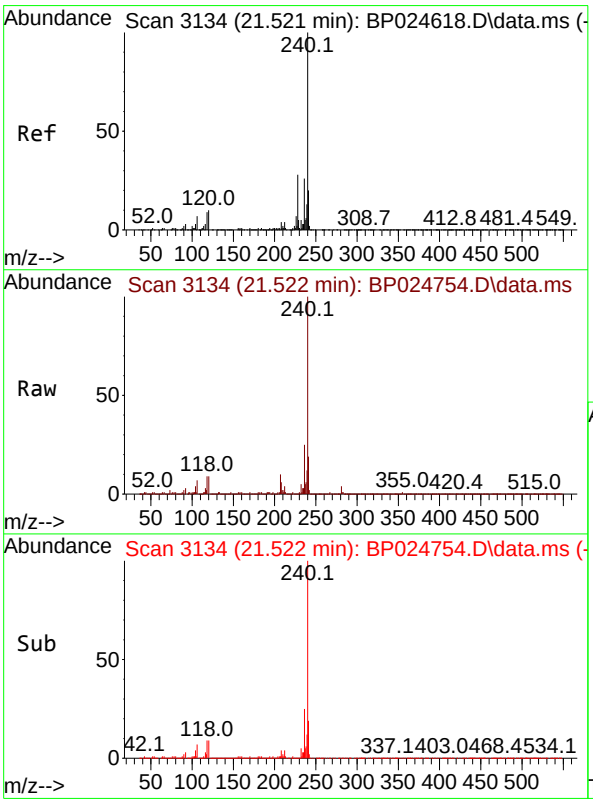
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:188 Resp: 613349

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	9.0	7.3	10.9

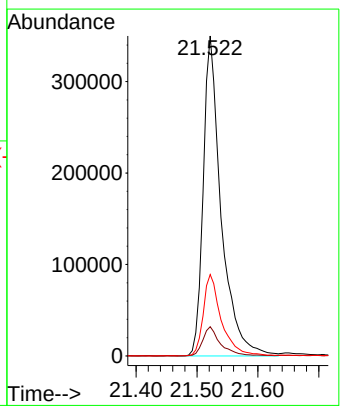


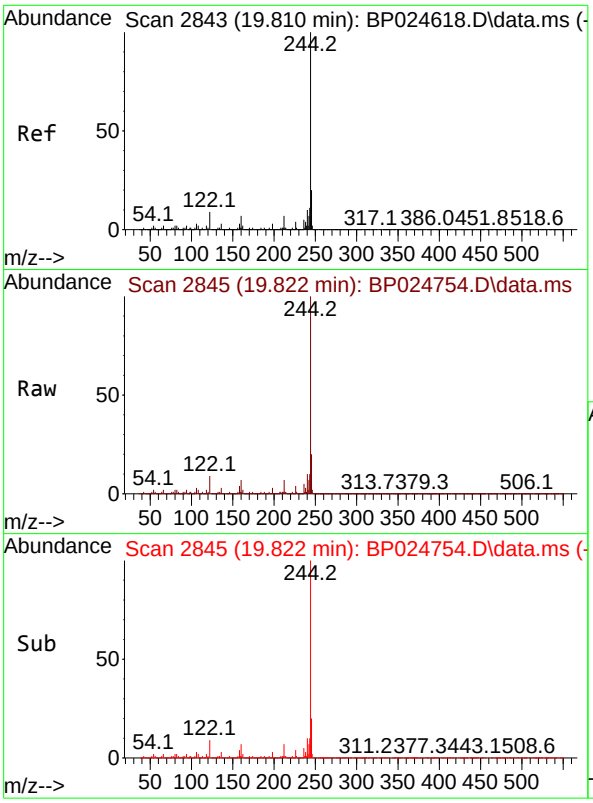


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:240 Resp: 715536

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.8	11.6
236	25.4	20.6	31.0



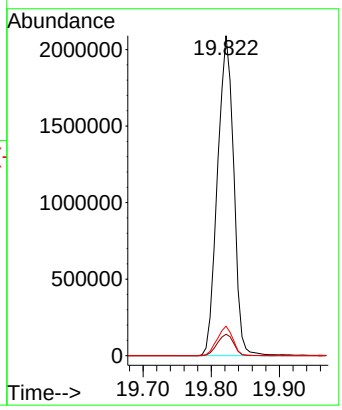


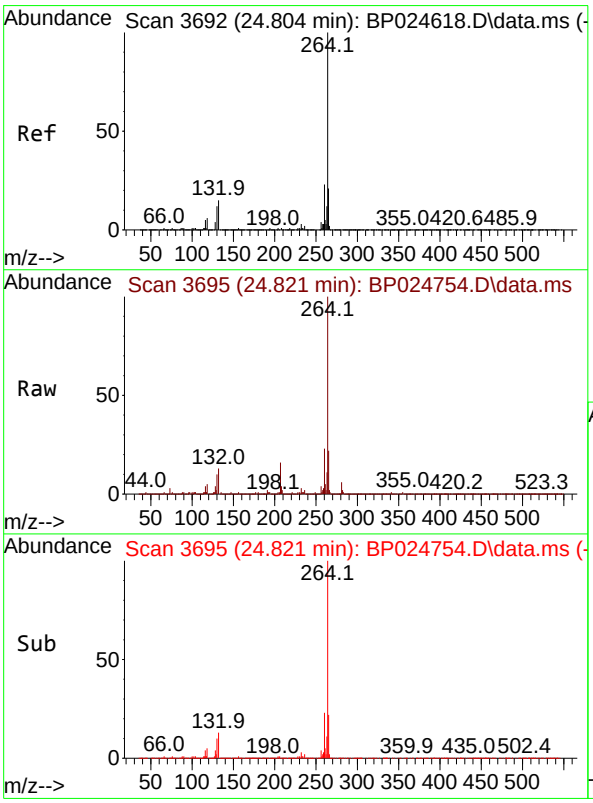
#79
Terphenyl-d14
Concen: 83.024 ng
RT: 19.822 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Instrument :
BNA_P
ClientSampleId :
PB168098BL

Tgt Ion:244 Resp: 3464548

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	9.2	7.4	11.0

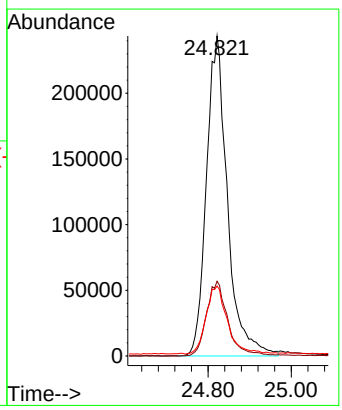




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.821 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BP024754.D
Acq: 22 May 2025 11:37

Tgt Ion:264 Resp: 855120

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.0	25.6



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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168083BS	SDG No.:	Q2075
Lab Sample ID:	PB168083BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142480.D	1	05/20/25 09:45	05/21/25 11:37	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
208-96-8	Acenaphthylene	1300		28.9	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
86-73-7	Fluorene	1300		25.3	170	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1300		33.3	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1400		19.9	170	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.4		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.0		20 - 109	66%	SPK: 100
1718-51-0	Terphenyl-d14	81.6		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	6.898			
1146-65-2	Naphthalene-d8	495000	8.186			
15067-26-2	Acenaphthene-d10	277000	9.939			
1517-22-2	Phenanthrene-d10	469000	11.427			
1719-03-5	Chrysene-d12	215000	14.068			
1520-96-3	Perylene-d12	230000	15.562			

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Fax : 908 789 8922

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168083BS			SDG No.:	Q2075
Lab Sample ID:	PB168083BS			Matrix:	SOIL
Analytical Method:	8270E			% Solid:	100
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142480.D	1	05/20/25 09:45	05/21/25 11:37	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142480.D
Acq On : 21 May 2025 11:37
Operator : RC/JU
Sample : PB168083BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Quant Time: May 21 12:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124824	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	495438	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	277044	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	468851	20.000	ng	0.00
76) Chrysene-d12	14.068	240	214548	20.000	ng	0.00
86) Perylene-d12	15.562	264	229705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	789637	106.578	ng	0.00
7) Phenol-d6	6.528	99	1023184	114.723	ng	0.00
23) Nitrobenzene-d5	7.463	82	630226	69.364	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	359414	116.889	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1363534	66.043	ng	0.00
79) Terphenyl-d14	13.015	244	1280646	81.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	96201	32.448	ng	100
3) Pyridine	3.516	79	266558	35.306	ng	99
4) n-Nitrosodimethylamine	3.469	42	148567	37.899	ng	96
6) Aniline	6.563	93	411299	34.298	ng	100
8) 2-Chlorophenol	6.686	128	342541	42.446	ng	100
9) Benzaldehyde	6.451	77	192665	35.916	ng	98
10) Phenol	6.539	94	417865	41.639	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	309767	42.881	ng	100
12) 1,3-Dichlorobenzene	6.839	146	362444	40.249	ng	100
13) 1,4-Dichlorobenzene	6.916	146	370203	40.813	ng	99
14) 1,2-Dichlorobenzene	7.069	146	355431	40.950	ng	99
15) Benzyl Alcohol	7.039	79	279366	42.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	500612	41.266	ng	100
17) 2-Methylphenol	7.151	107	268227	42.571	ng	99
18) Hexachloroethane	7.416	117	127582	40.280	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	227666	41.189	ng	99
20) 3+4-Methylphenols	7.304	107	334399	41.445	ng	98
22) Acetophenone	7.310	105	439615	40.084	ng	99
24) Nitrobenzene	7.481	77	337199	41.149	ng	99
25) Isophorone	7.722	82	626222	41.224	ng	99
26) 2-Nitrophenol	7.798	139	192665	44.001	ng	97
27) 2,4-Dimethylphenol	7.833	122	329798	42.710	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	383733	40.438	ng	99
29) 2,4-Dichlorophenol	8.039	162	298440	42.499	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	310974	40.804	ng	98
31) Naphthalene	8.204	128	1023370	41.950	ng	100
32) Benzoic acid	7.951	122	223837m	47.620	ng	
33) 4-Chloroaniline	8.251	127	189181m	19.138	ng	
34) Hexachlorobutadiene	8.322	225	187885	39.483	ng	100
35) Caprolactam	8.622	113	90734m	46.005	ng	
36) 4-Chloro-3-methylphenol	8.733	107	304323	42.286	ng	98
37) 2-Methylnaphthalene	8.898	142	614650	40.049	ng	100
38) 1-Methylnaphthalene	8.998	142	647702	40.800	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	312557	39.302	ng	99
41) Hexachlorocyclopentadiene	9.051	237	446528	83.232	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	222225	41.439	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142480.D
Acq On : 21 May 2025 11:37
Operator : RC/JU
Sample : PB168083BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Quant Time: May 21 12:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

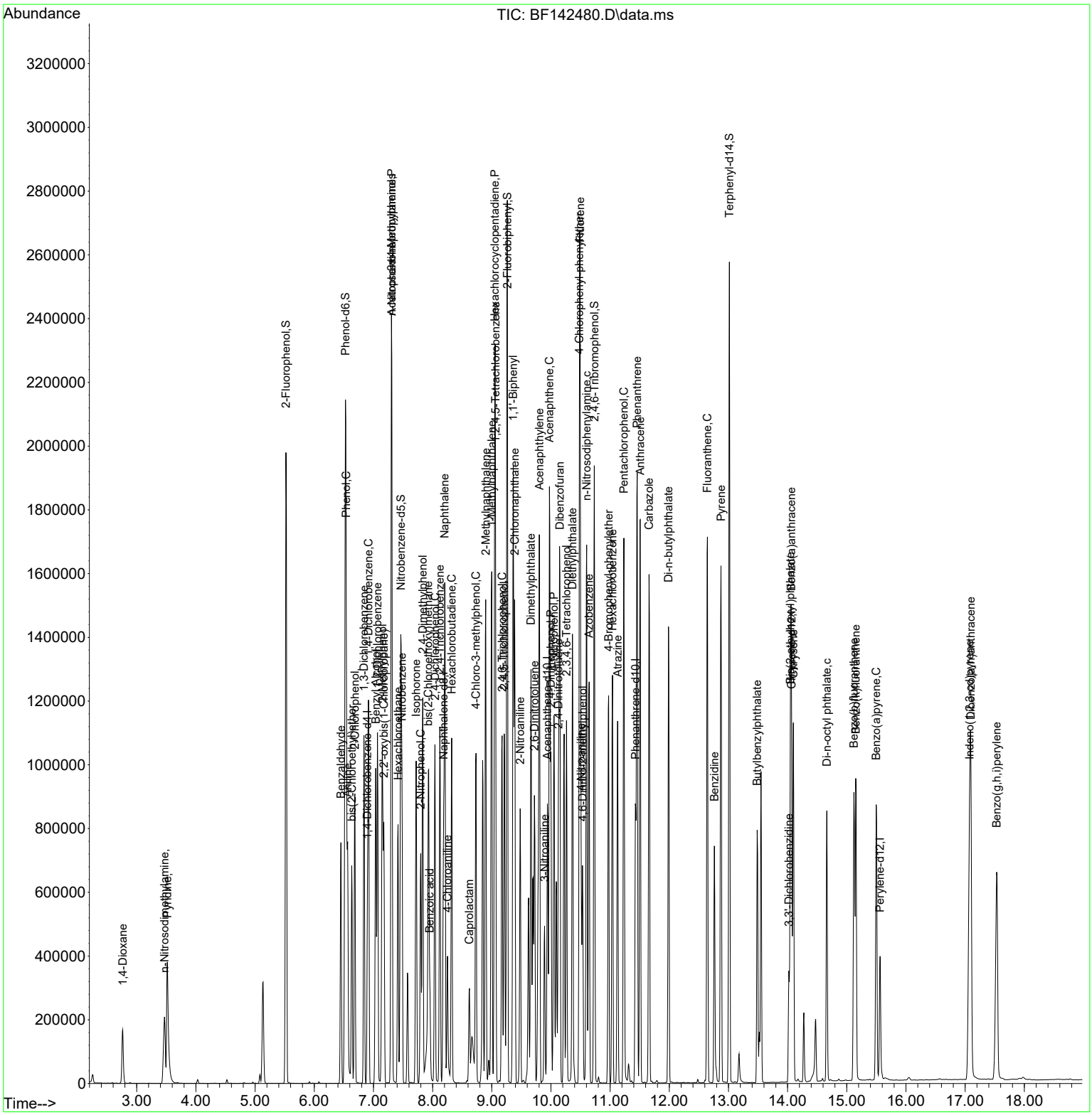
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	233019	41.201	ng	99
46) 1,1'-Biphenyl	9.363	154	859058	39.968	ng	100
47) 2-Chloronaphthalene	9.386	162	641274	40.382	ng	99
48) 2-Nitroaniline	9.480	65	194148	42.297	ng	97
49) Acenaphthylene	9.804	152	1082413	40.366	ng	100
50) Dimethylphthalate	9.663	163	772268	42.246	ng	100
51) 2,6-Dinitrotoluene	9.722	165	169971	43.080	ng	99
52) Acenaphthene	9.974	154	716666	43.769	ng	100
53) 3-Nitroaniline	9.892	138	115354	26.768	ng	99
54) 2,4-Dinitrophenol	9.998	184	201837	99.019	ng	93
55) Dibenzofuran	10.151	168	978668	41.535	ng	99
56) 4-Nitrophenol	10.051	139	288407	90.703	ng	99
57) 2,4-Dinitrotoluene	10.127	165	236587	45.916	ng	98
58) Fluorene	10.492	166	731497	40.185	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	199574	42.269	ng	99
60) Diethylphthalate	10.363	149	778235	43.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	353935	39.581	ng	100
62) 4-Nitroaniline	10.510	138	172618	44.166	ng	99
63) Azobenzene	10.645	77	646640	40.325	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	132075	50.477	ng	98
66) n-Nitrosodiphenylamine	10.604	169	625355	38.986	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	227003	40.947	ng	99
68) Hexachlorobenzene	11.039	284	259350	42.297	ng	98
69) Atrazine	11.127	200	199511	46.835	ng	100
70) Pentachlorophenol	11.233	266	293992	84.924	ng	99
71) Phenanthrene	11.457	178	1055879	42.140	ng	99
72) Anthracene	11.510	178	1033289	40.407	ng	99
73) Carbazole	11.657	167	950628	43.485	ng	99
74) Di-n-butylphthalate	11.986	149	1042271	43.556	ng	100
75) Fluoranthene	12.645	202	1035557	44.231	ng	99
77) Benzidine	12.763	184	421887	52.842	ng	99
78) Pyrene	12.874	202	980148	48.973	ng	100
80) Butylbenzylphthalate	13.486	149	268182	48.493	ng	99
81) Benzo(a)anthracene	14.062	228	623164	43.497	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	106125	24.423	ng	99
83) Chrysene	14.098	228	540084	41.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	319188	45.086	ng	100
85) Di-n-octyl phthalate	14.662	149	580953	41.968	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	812696	47.127	ng	100
88) Benzo(b)fluoranthene	15.121	252	609272	44.816	ng	99
89) Benzo(k)fluoranthene	15.151	252	521543	40.959	ng	99
90) Benzo(a)pyrene	15.498	252	561953	43.852	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	657561	47.014	ng	100
92) Benzo(g,h,i)perylene	17.533	276	664539	47.503	ng	98

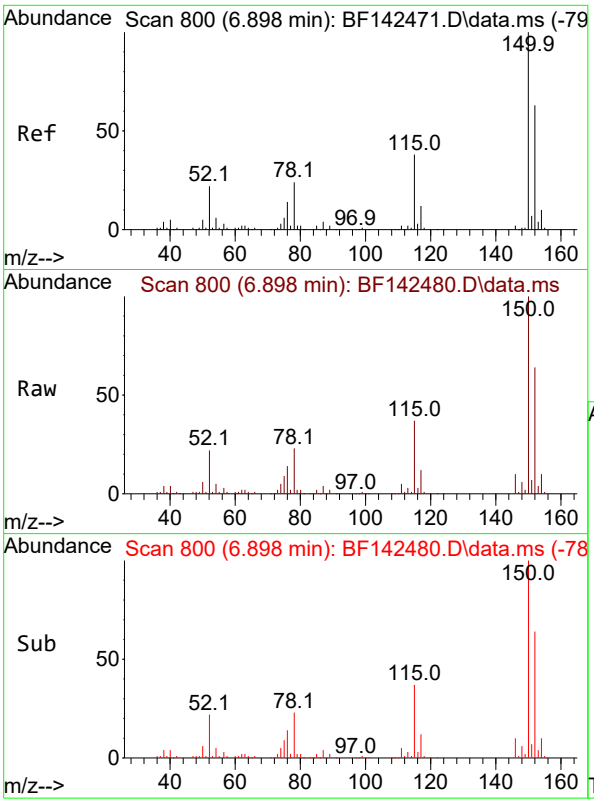
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142480.D
Acq On : 21 May 2025 11:37
Operator : RC/JU
Sample : PB168083BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Quant Time: May 21 12:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



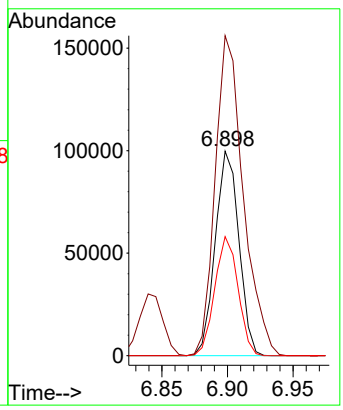


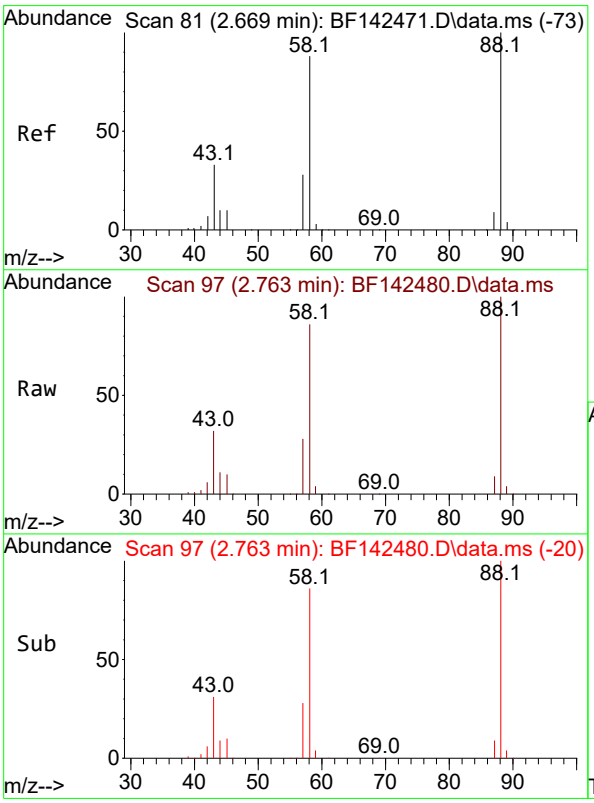
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:152 Resp: 124824

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.2	192.4
115	58.2	48.3	72.5

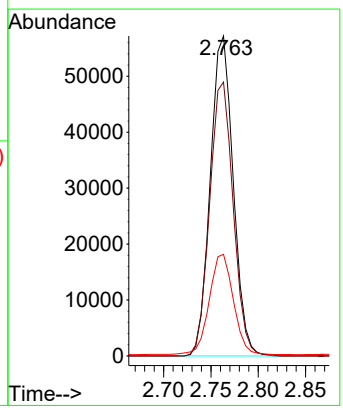


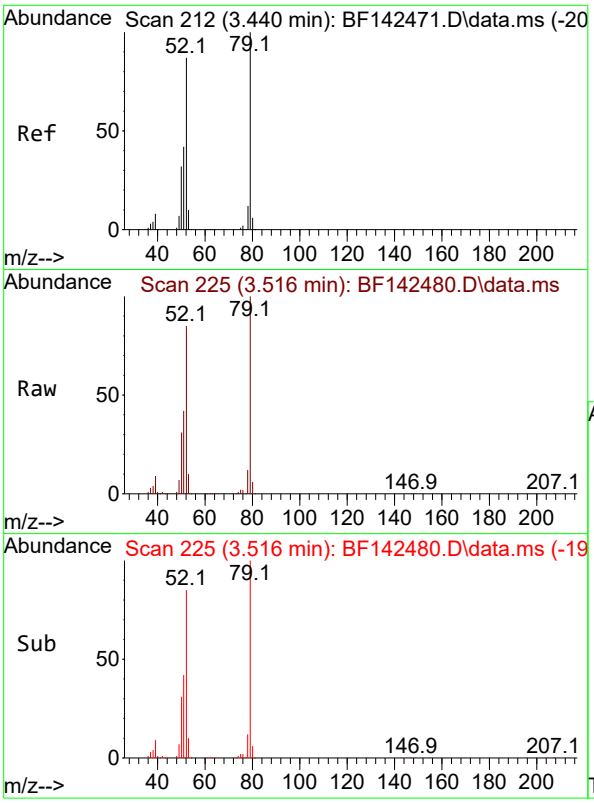


#2
1,4-Dioxane
Concen: 32.448 ng
RT: 2.763 min Scan# 97
Delta R.T. 0.100 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 88 Resp: 96201

Ion	Ratio	Lower	Upper
88	100		
58	88.1	70.8	106.2
43	33.0	26.6	40.0



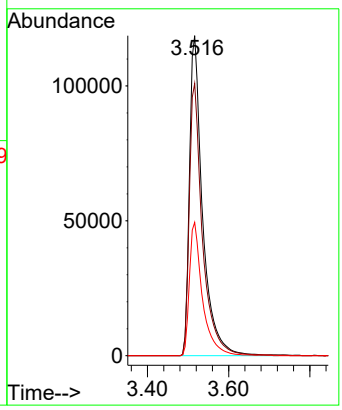


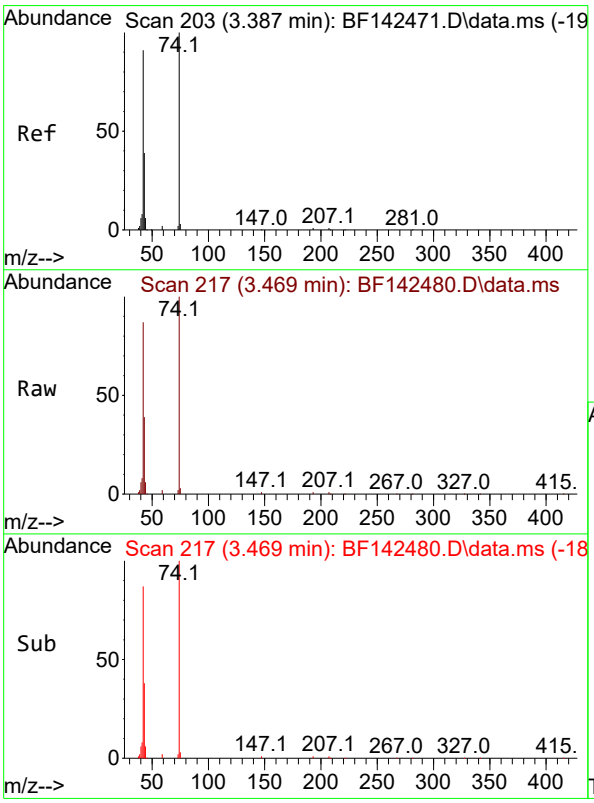
#3
Pyridine
Concen: 35.306 ng
RT: 3.516 min Scan# 2
Delta R.T. 0.076 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 79 Resp: 266558

Ion	Ratio	Lower	Upper
79	100		
52	85.1	69.2	103.8
51	41.6	33.3	49.9

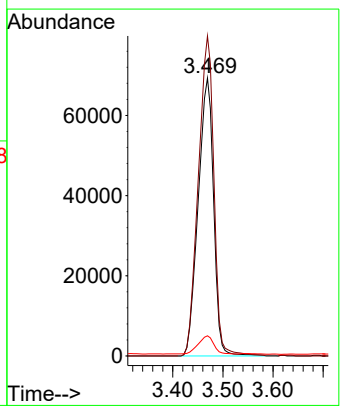


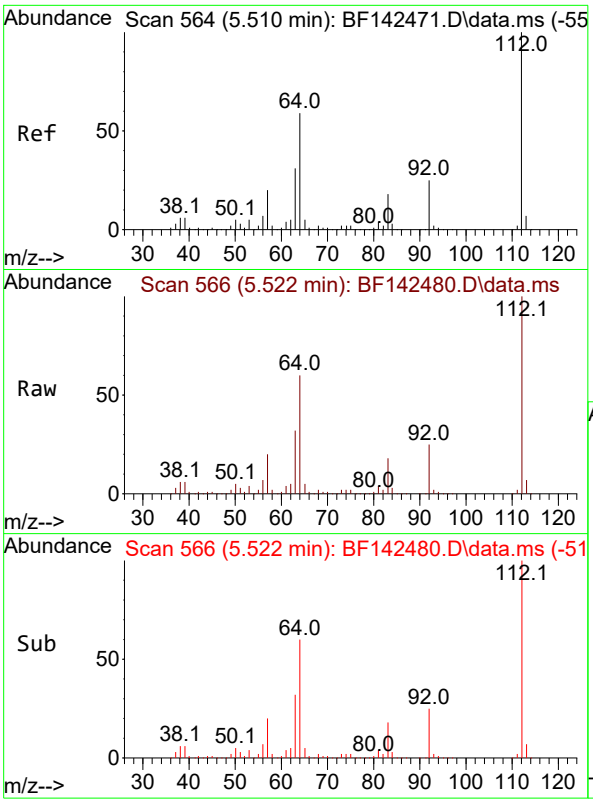


#4
n-Nitrosodimethylamine
Concen: 37.899 ng
RT: 3.469 min Scan# 217
Delta R.T. 0.065 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 42 Resp: 148567

Ion	Ratio	Lower	Upper
42	100		
74	115.2	88.2	132.4
44	7.3	5.4	8.2



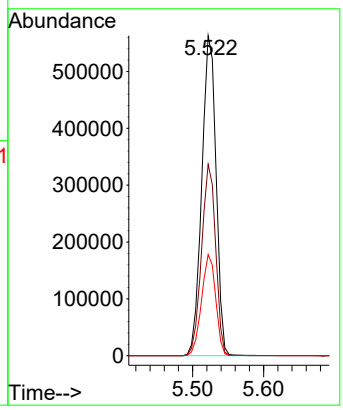


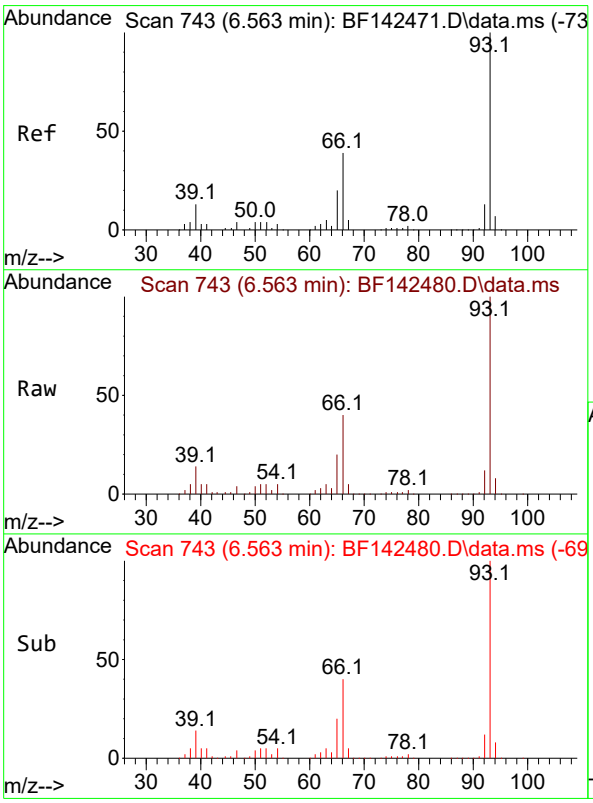
#5
2-Fluorophenol
Concen: 106.578 ng
RT: 5.522 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:112 Resp: 789637

Ion	Ratio	Lower	Upper
112	100		
64	59.8	47.5	71.3
63	31.6	24.9	37.3

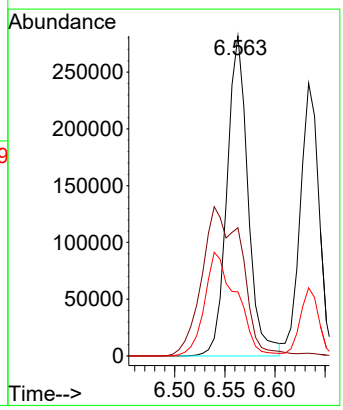


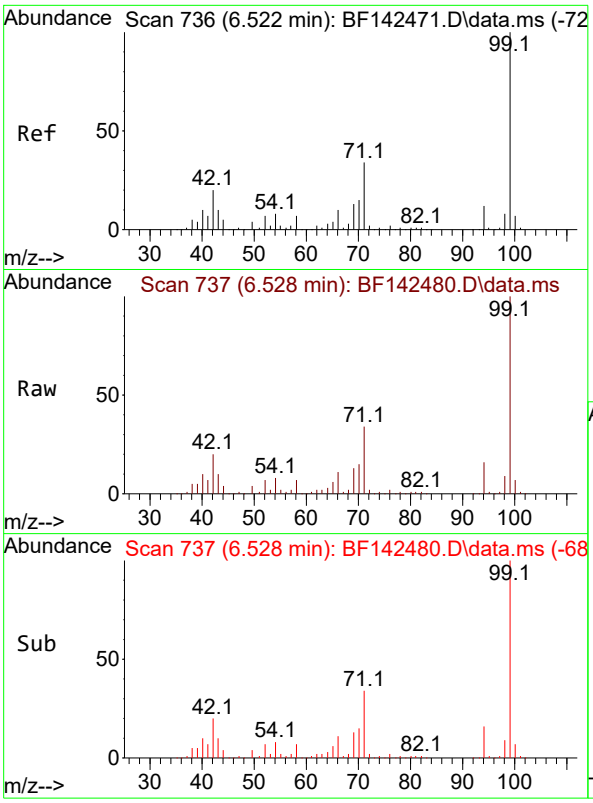


#6
Aniline
Concen: 34.298 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 93 Resp: 411299

Ion	Ratio	Lower	Upper
93	100		
66	40.1	32.0	48.0
65	20.1	16.1	24.1



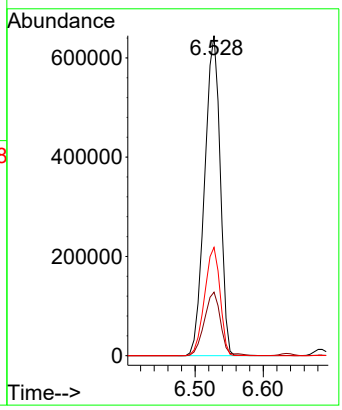


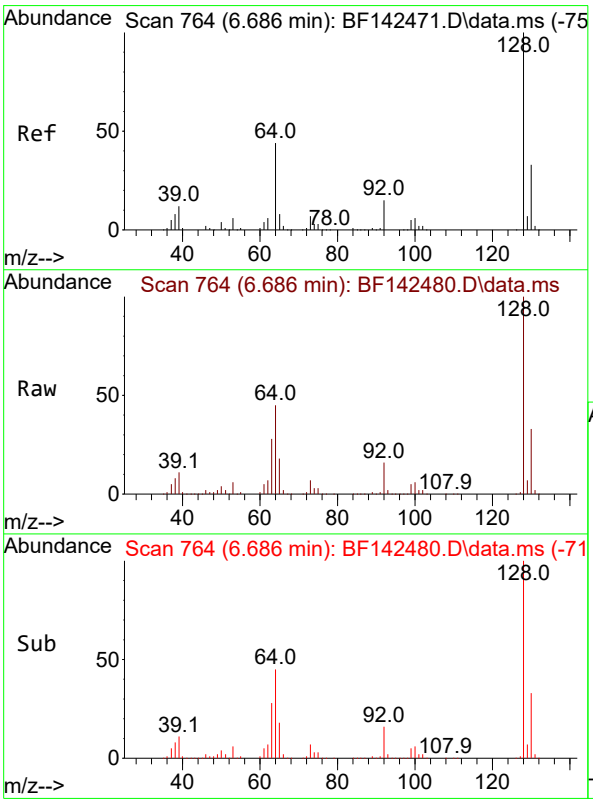
#7
Phenol-d6
Concen: 114.723 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 99 Resp: 1023184

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.9	27.3	40.9

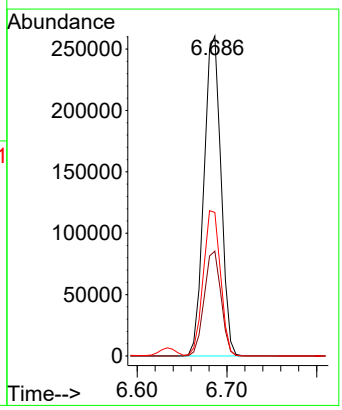


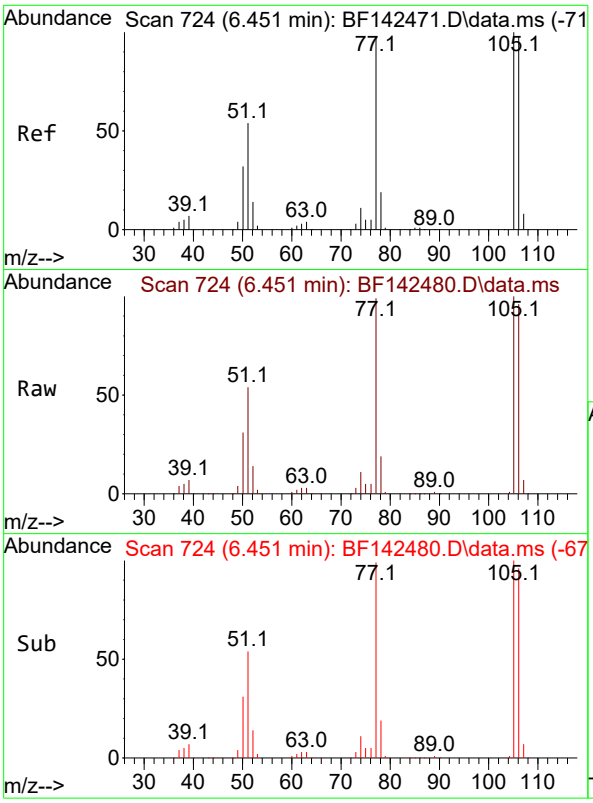


#8
2-Chlorophenol
Concen: 42.446 ng
RT: 6.686 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:128 Resp: 342541

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	44.8	25.1	65.1



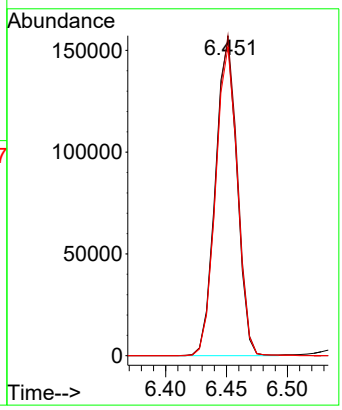


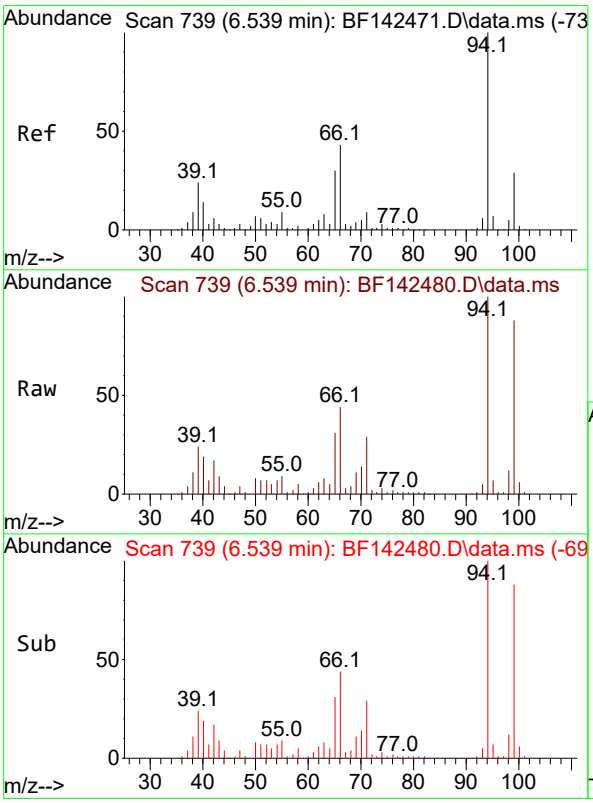
#9
Benzaldehyde
Concen: 35.916 ng
RT: 6.451 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 77 Resp: 192665

Ion	Ratio	Lower	Upper
77	100		
105	101.5	82.5	122.5
106	97.9	80.0	120.0

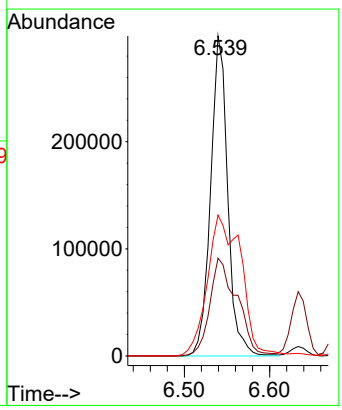


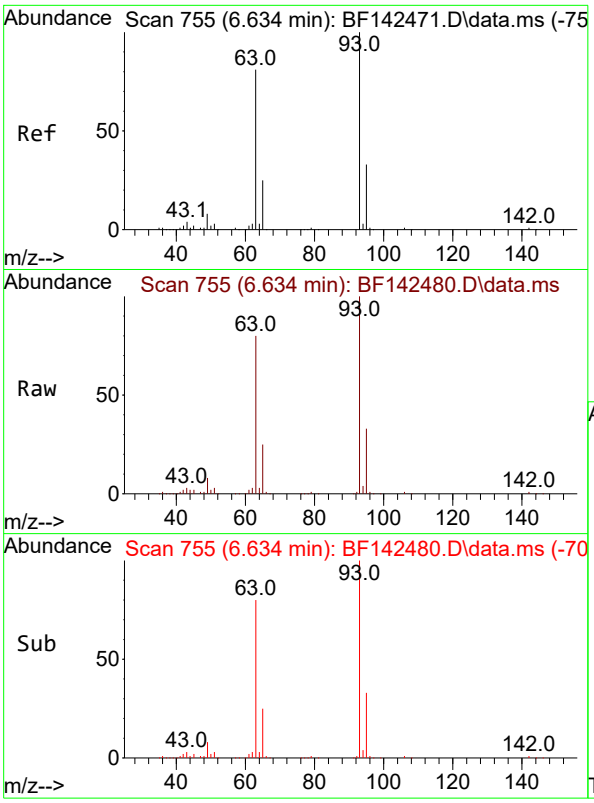


#10
Phenol
Concen: 41.639 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 94 Resp: 417865

Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.3	50.3
66	44.0	22.6	62.6



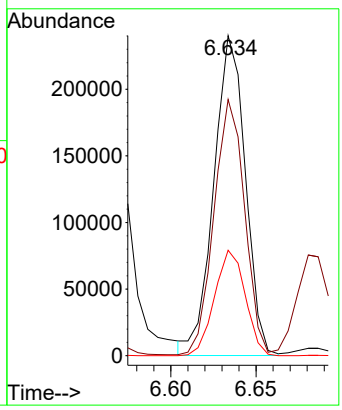


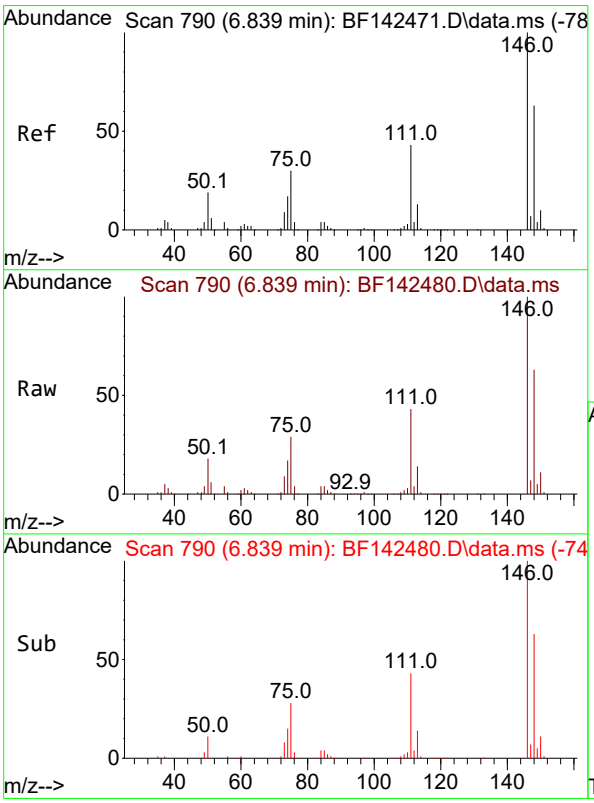
#11
bis(2-Chloroethyl)ether
Concen: 42.881 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 93 Resp: 309767

Ion	Ratio	Lower	Upper
93	100		
63	80.1	60.2	100.2
95	32.9	12.3	52.3

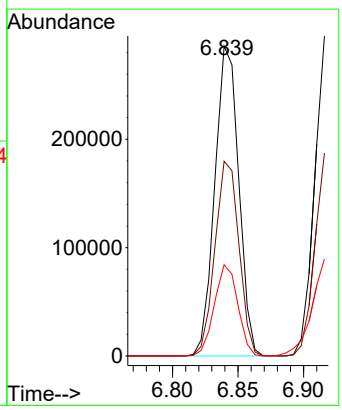


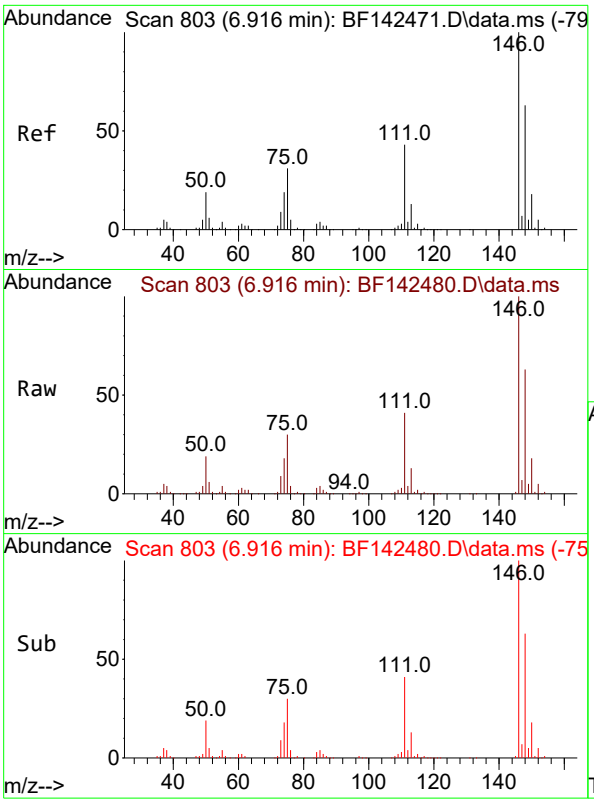


#12
1,3-Dichlorobenzene
Concen: 40.249 ng
RT: 6.839 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:146 Resp: 362444

Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
75	29.4	23.8	35.6



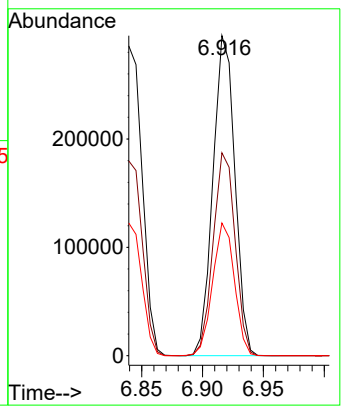


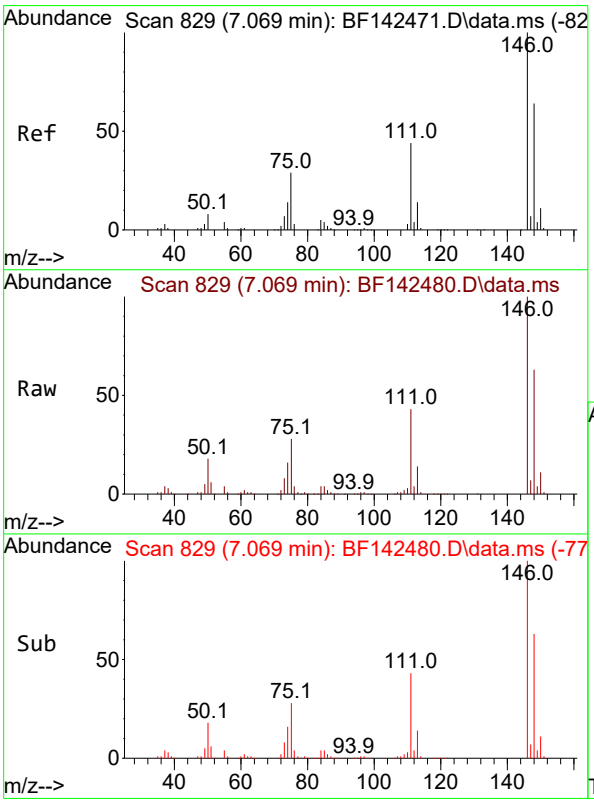
#13
1,4-Dichlorobenzene
Concen: 40.813 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:146 Resp: 370203

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	41.4	34.1	51.1

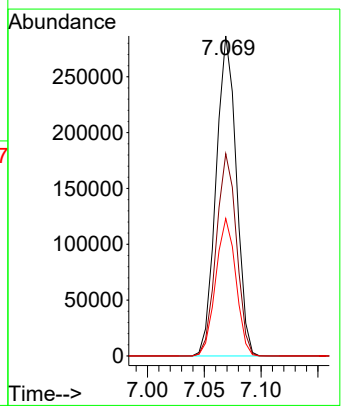


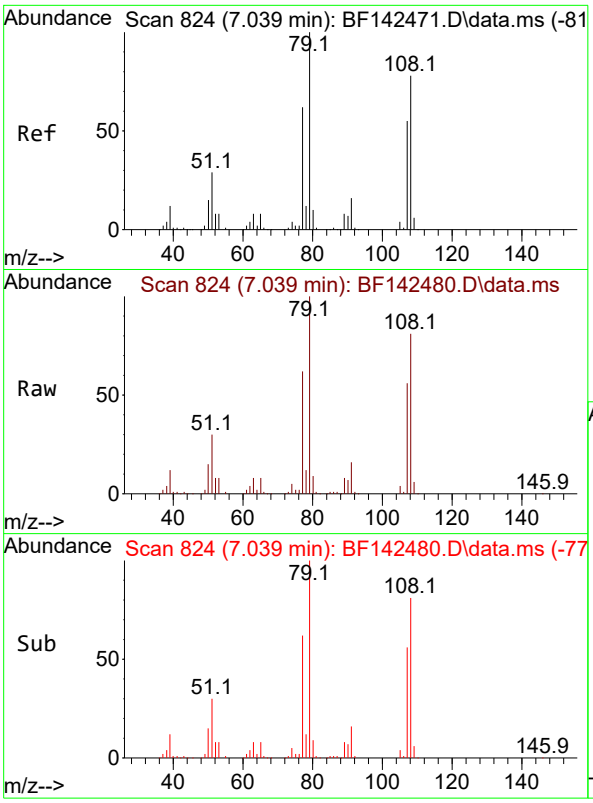


#14
1,2-Dichlorobenzene
Concen: 40.950 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:146 Resp: 355431

Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.4
111	42.9	35.0	52.6



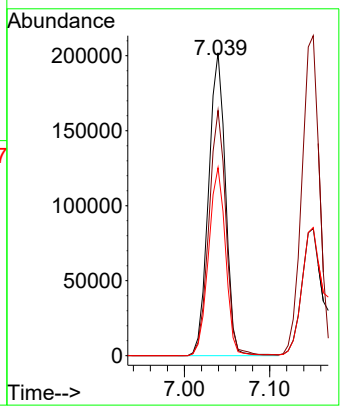


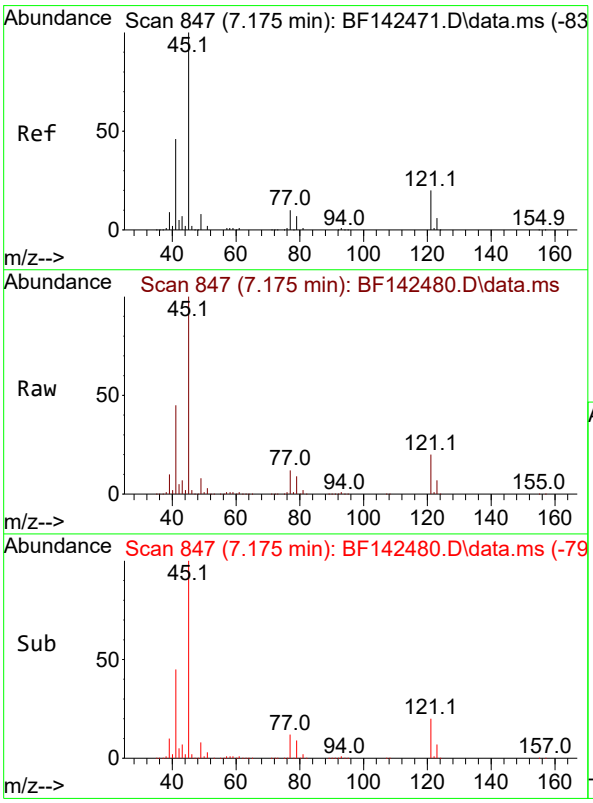
#15
Benzyl Alcohol
Concen: 42.387 ng
RT: 7.039 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 79 Resp: 279366

Ion	Ratio	Lower	Upper
79	100		
108	81.0	62.1	93.1
77	62.1	49.5	74.3

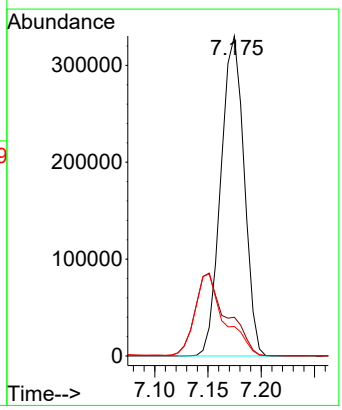


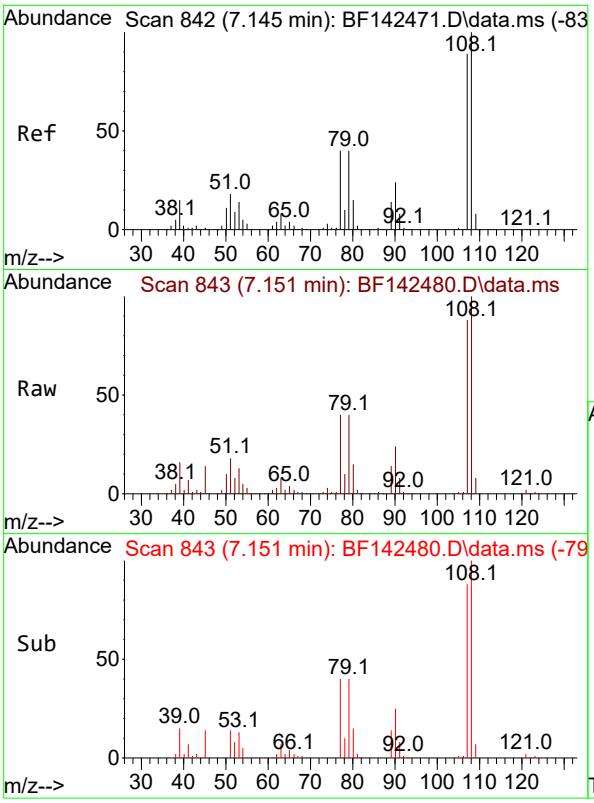


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.266 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 45 Resp: 500612

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.0
79	9.2	0.0	29.2



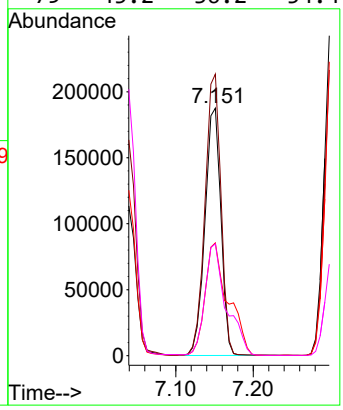


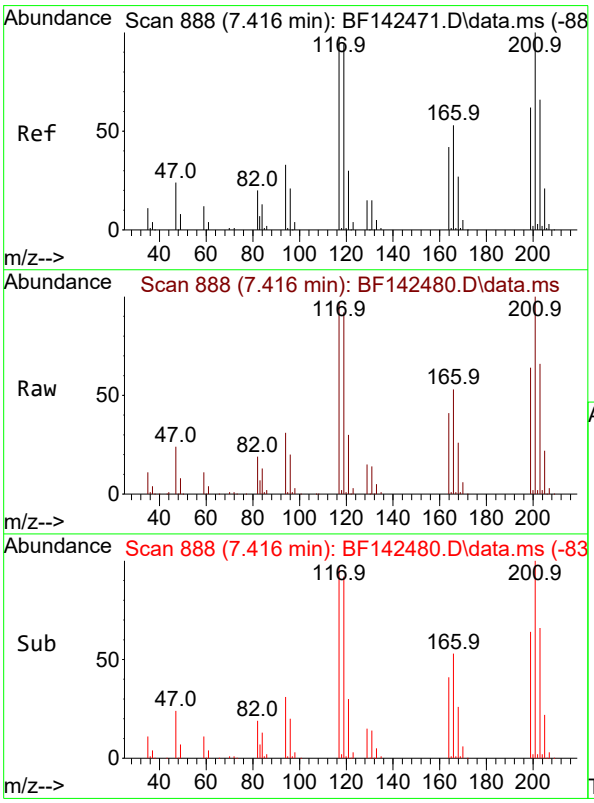
#17
2-Methylphenol
Concen: 42.571 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:107 Resp: 268227

Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.2	135.2
77	45.6	36.1	54.1
79	45.2	36.2	54.4

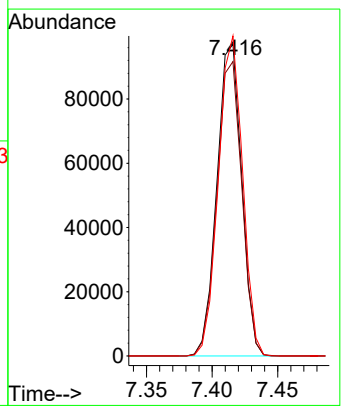


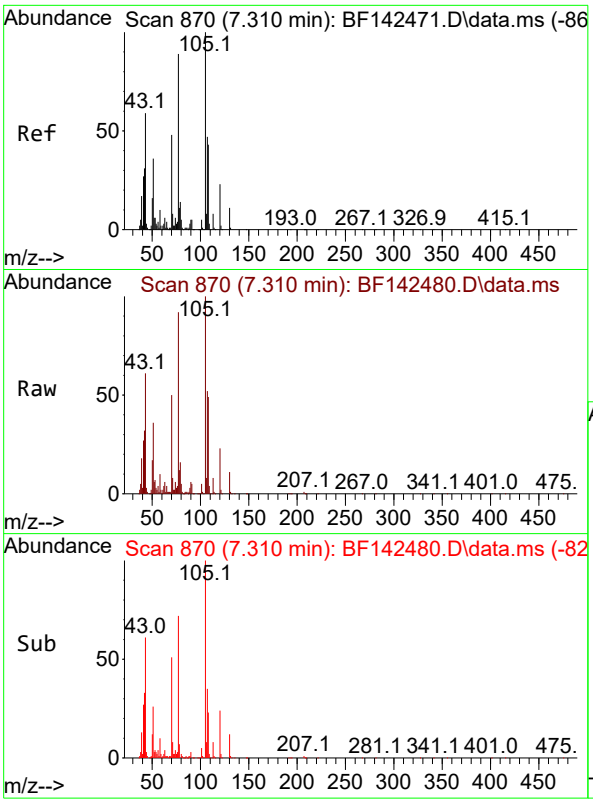


#18
Hexachloroethane
Concen: 40.280 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:117 Resp: 127582

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.6	114.8
201	102.6	81.3	121.9



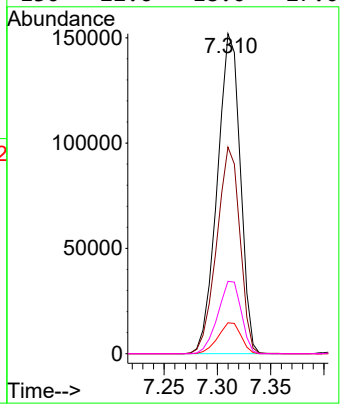


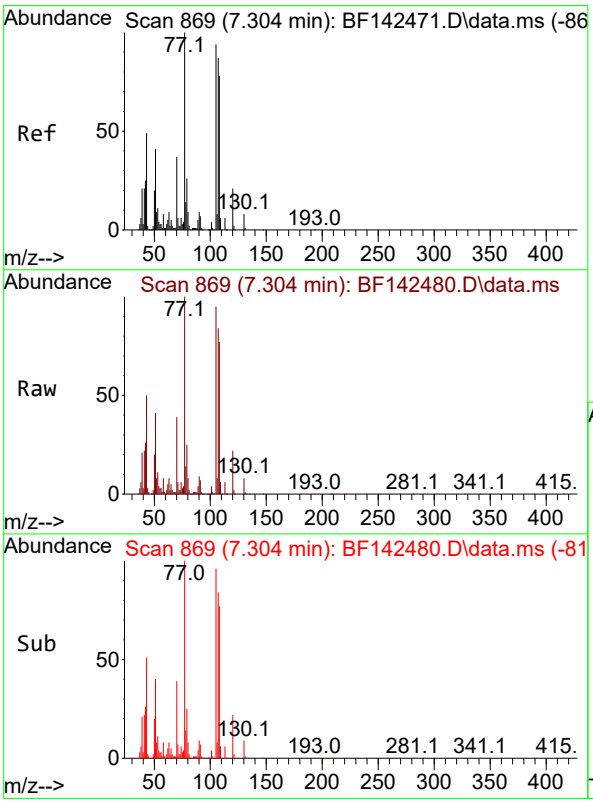
#19
n-Nitroso-di-n-propylamine
Concen: 41.189 ng
RT: 7.310 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 70 Resp: 227666

Ion	Ratio	Lower	Upper
70	100		
42	64.6	52.4	78.6
101	9.7	7.8	11.8
130	22.6	18.0	27.0

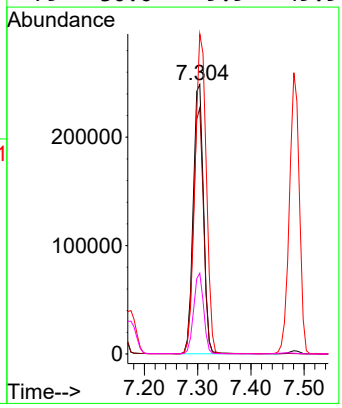


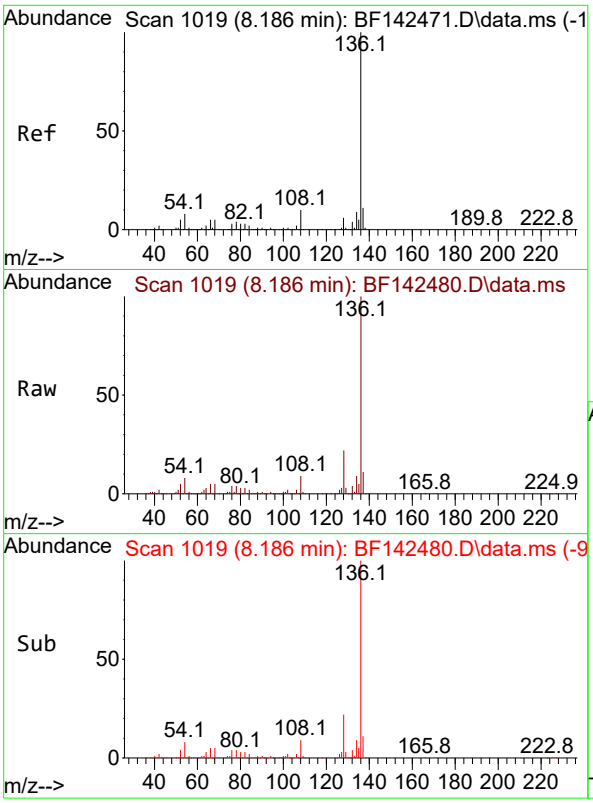


#20
3+4-Methylphenols
Concen: 41.445 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:107 Resp: 334399

Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.4	110.4
77	118.8	95.4	135.4
79	30.0	9.9	49.9



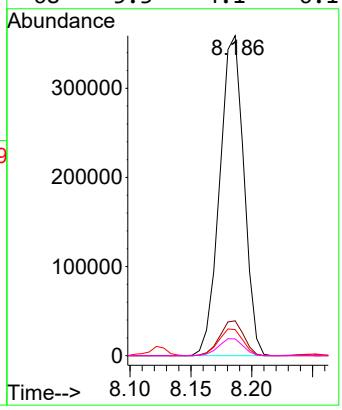


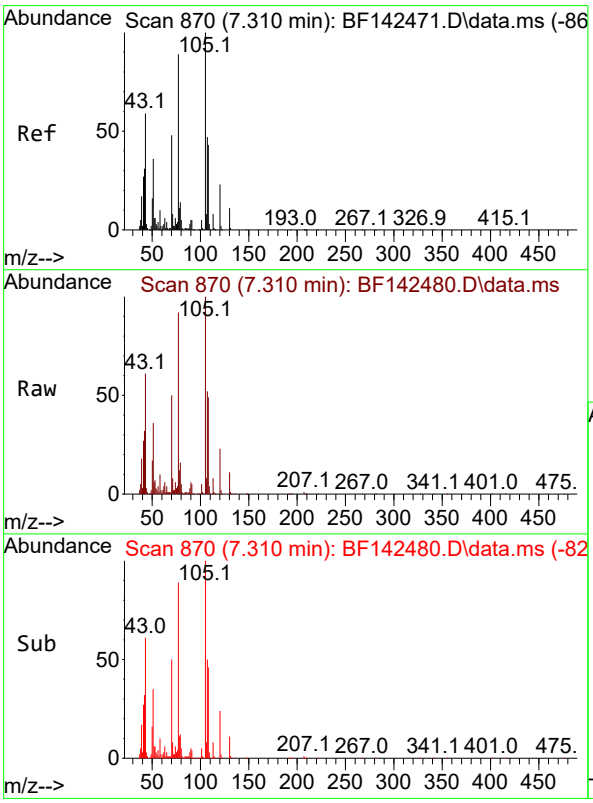
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:136 Resp: 495438

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	6.6	10.0
68	5.3	4.1	6.1

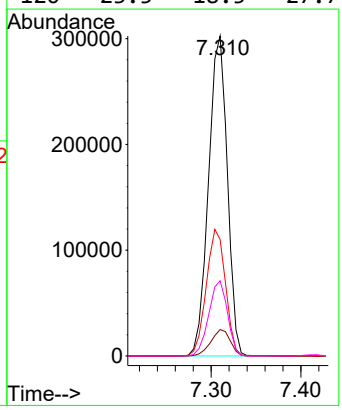


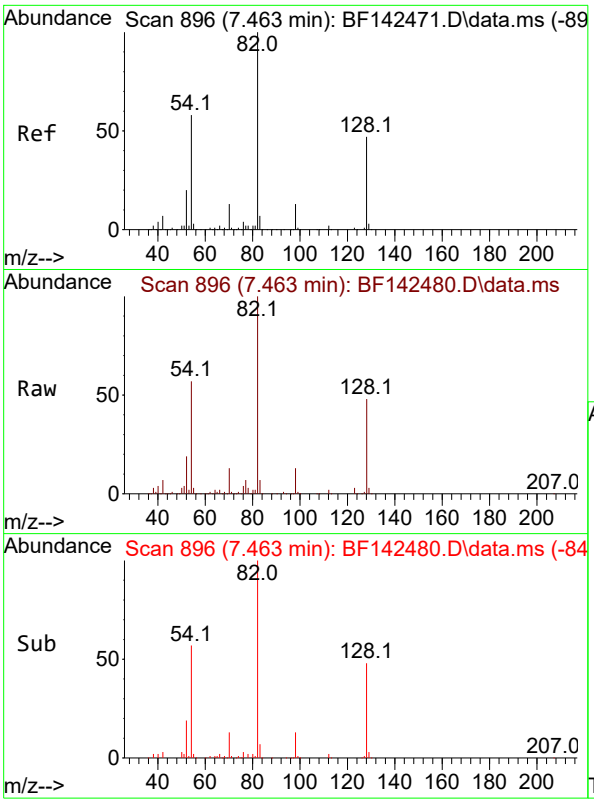


#22
Acetophenone
Concen: 40.084 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:105 Resp: 439615

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.4	9.6
51	36.4	28.6	42.8
120	23.5	18.5	27.7



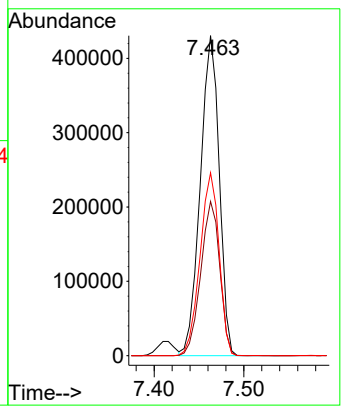


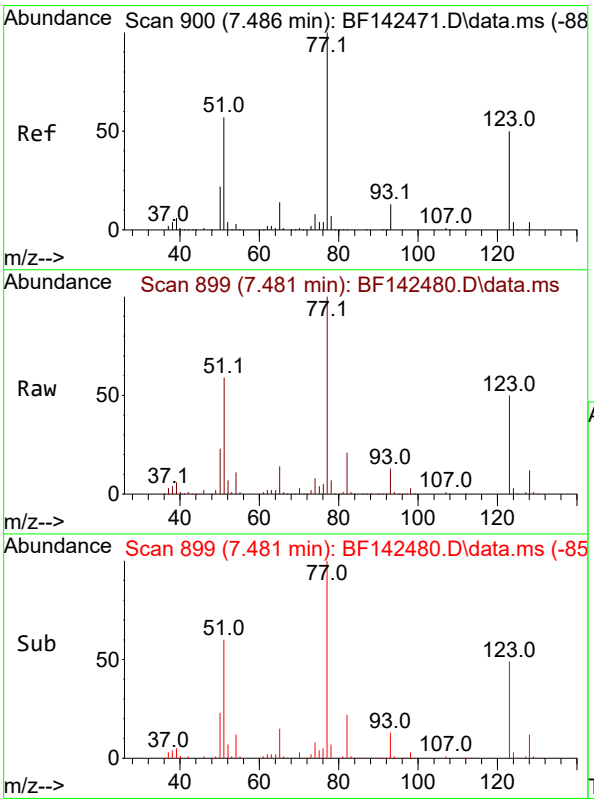
#23
Nitrobenzene-d5
Concen: 69.364 ng
RT: 7.463 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 82 Resp: 630226

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	57.2	46.6	70.0

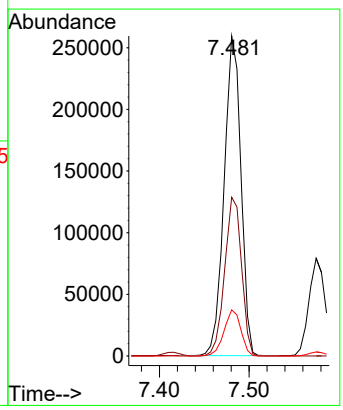


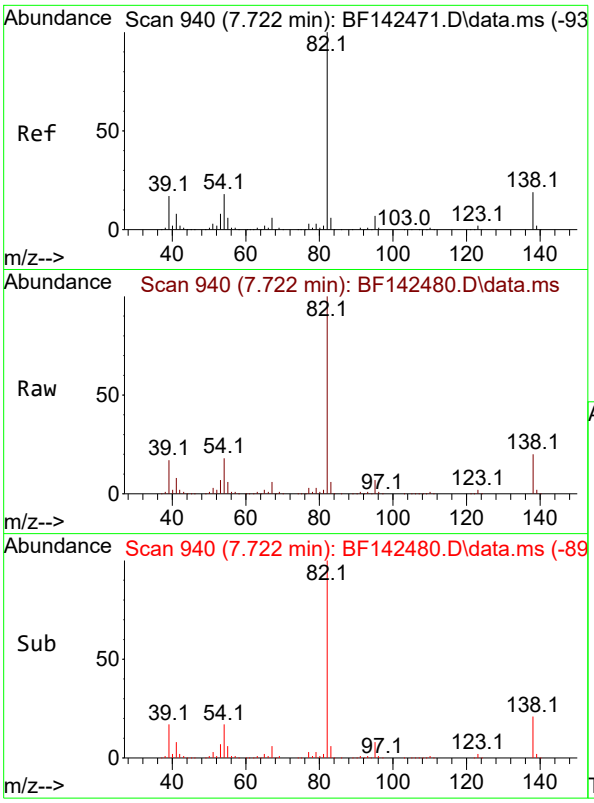


#24
Nitrobenzene
Concen: 41.149 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 77 Resp: 337199

Ion	Ratio	Lower	Upper
77	100		
123	49.6	40.6	61.0
65	14.4	11.4	17.2



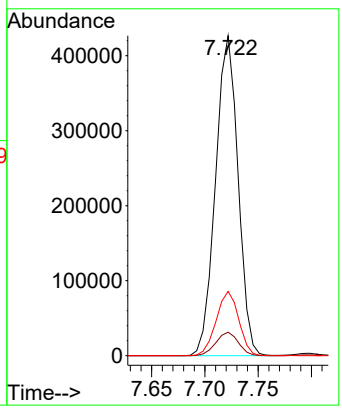


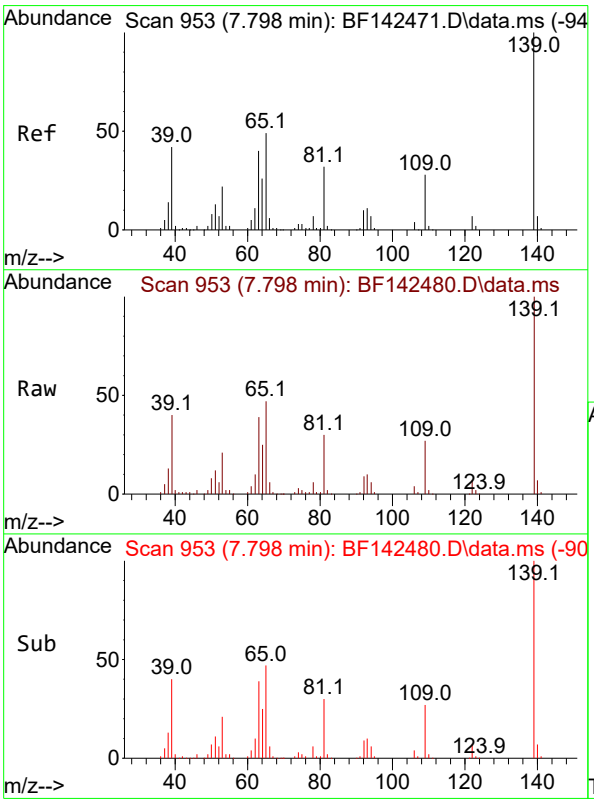
#25
Isophorone
Concen: 41.224 ng
RT: 7.722 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 82 Resp: 626222

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.0	9.0
138	20.1	15.5	23.3

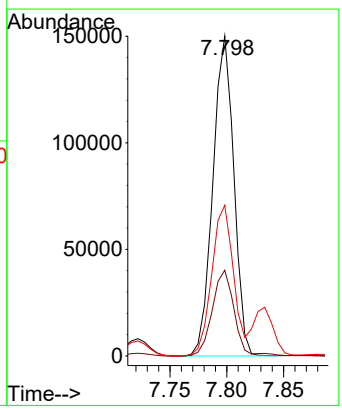


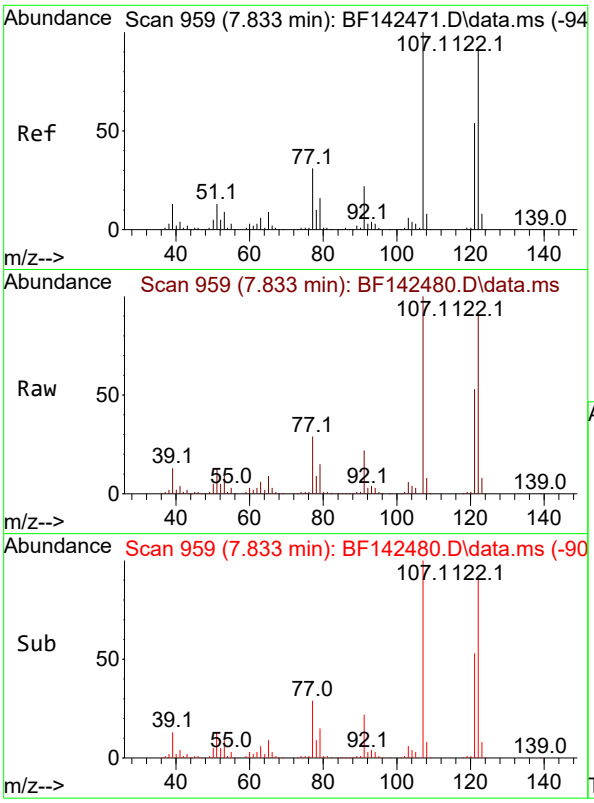


#26
2-Nitrophenol
Concen: 44.001 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:139 Resp: 192665

Ion	Ratio	Lower	Upper
139	100		
109	26.8	22.6	33.8
65	47.1	39.4	59.0



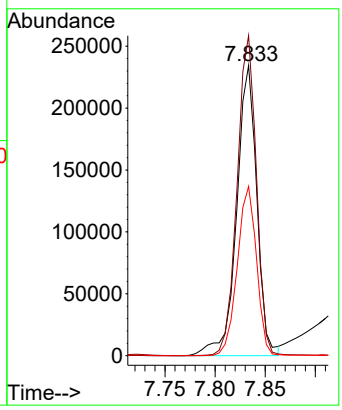


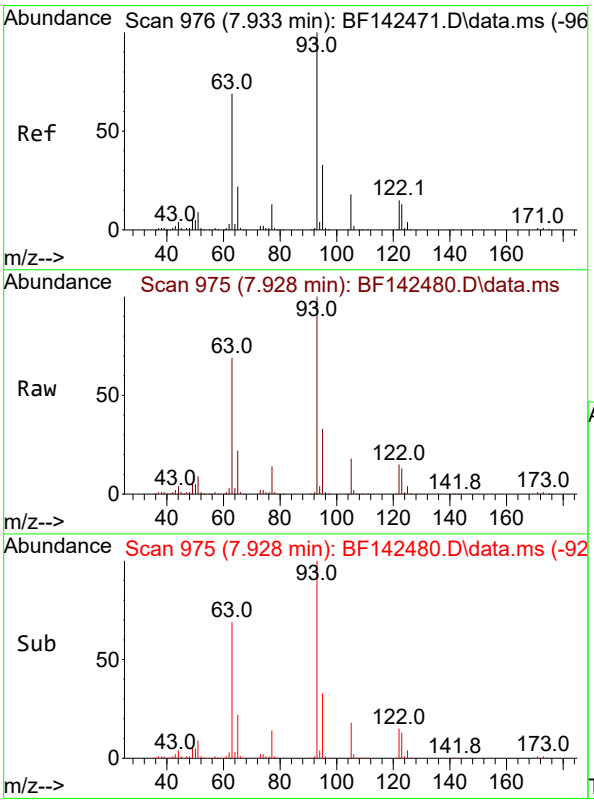
#27
2,4-Dimethylphenol
Concen: 42.710 ng
RT: 7.833 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:122 Resp: 329798

Ion	Ratio	Lower	Upper
122	100		
107	110.3	88.1	132.1
121	58.3	47.3	70.9

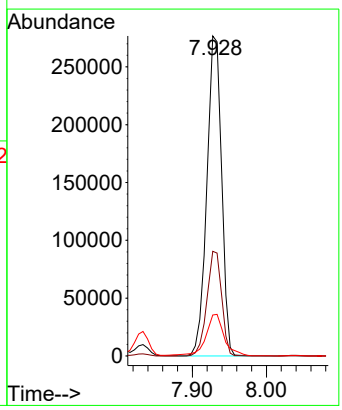


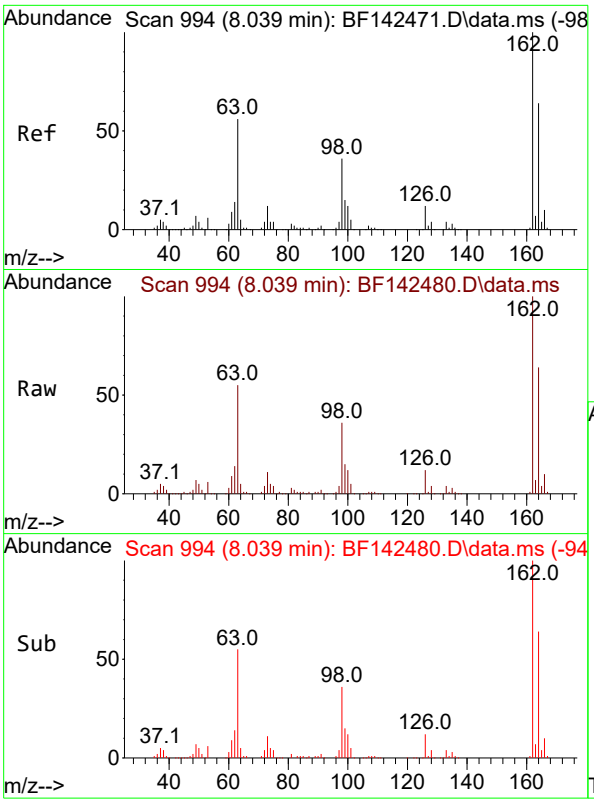


#28
bis(2-Chloroethoxy)methane
Concen: 40.438 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 93 Resp: 383733

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	12.8	10.6	15.8



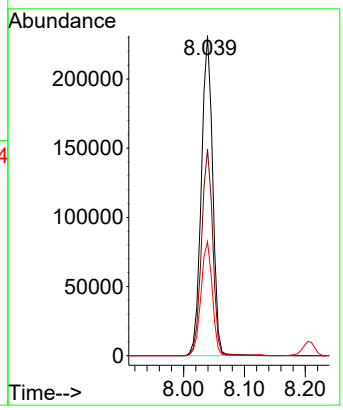


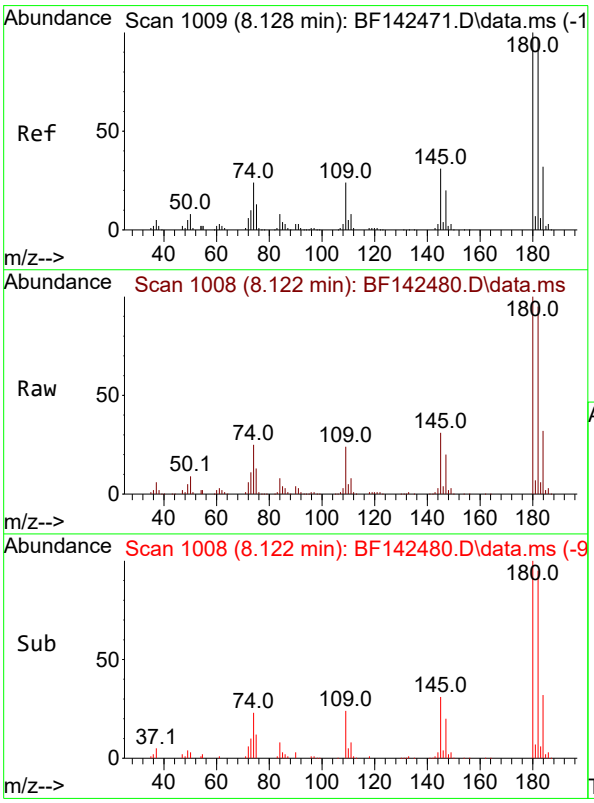
#29
2,4-Dichlorophenol
Concen: 42.499 ng
RT: 8.039 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:162 Resp: 298440

Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.7	83.7
98	35.7	15.5	55.5

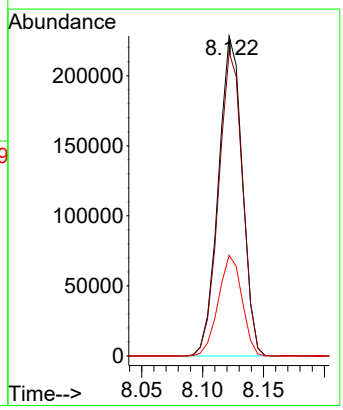


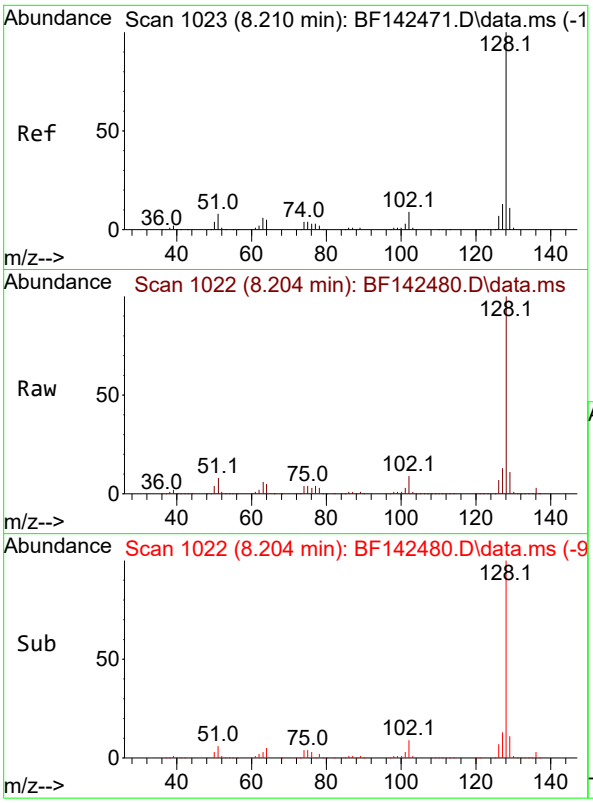


#30
1,2,4-Trichlorobenzene
Concen: 40.804 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:180 Resp: 310974

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.0	117.0
145	31.4	25.0	37.6



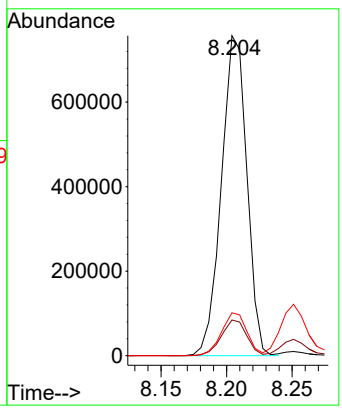


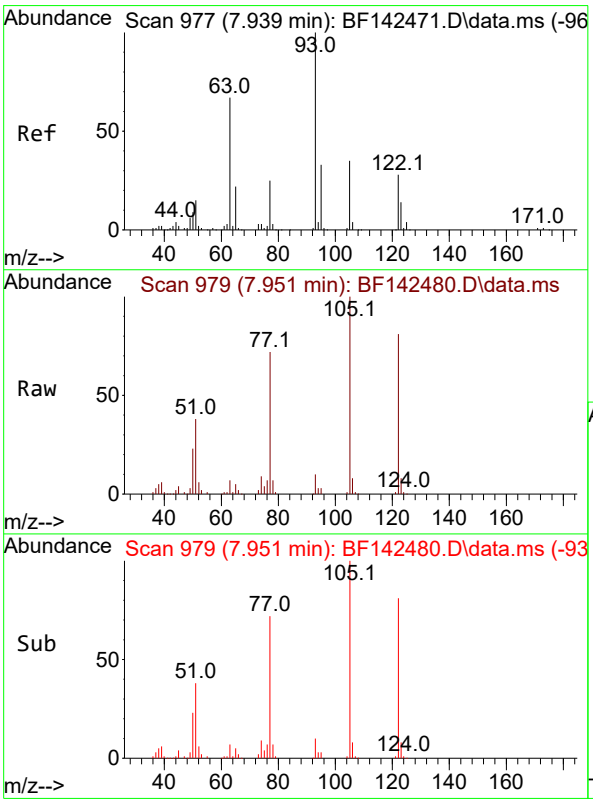
#31
Naphthalene
Concen: 41.950 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:128 Resp: 1023370

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.5	15.7

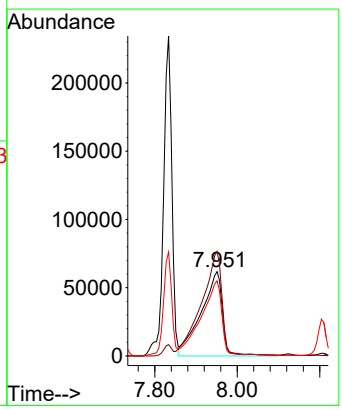


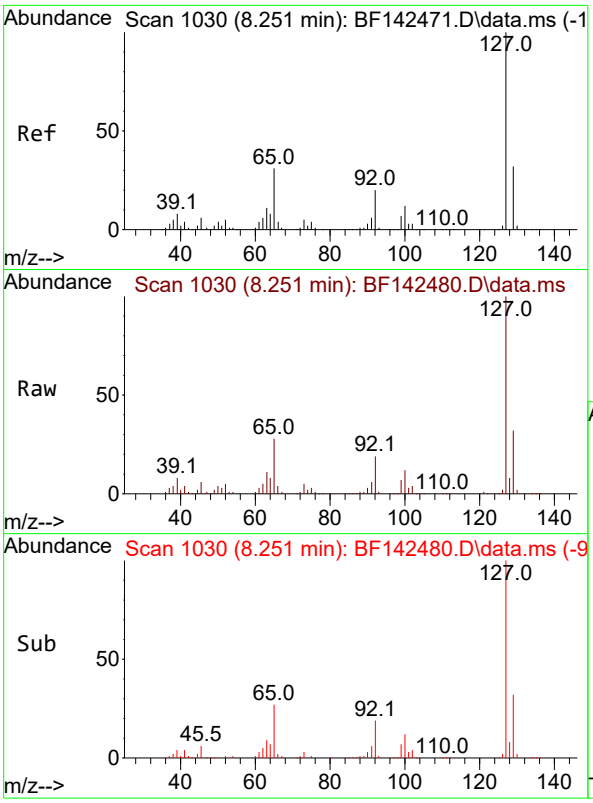


#32
Benzoic acid
Concen: 47.620 ng m
RT: 7.951 min Scan# 979
Delta R.T. -0.024 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:122 Resp: 223837

Ion	Ratio	Lower	Upper
122	100		
105	124.1	101.7	141.7
77	89.2	69.5	109.5



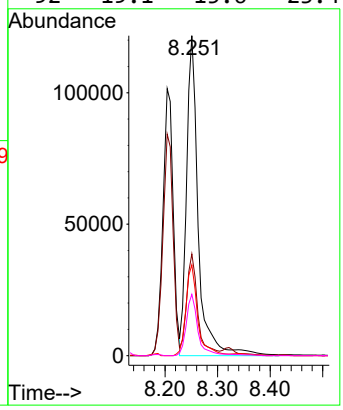


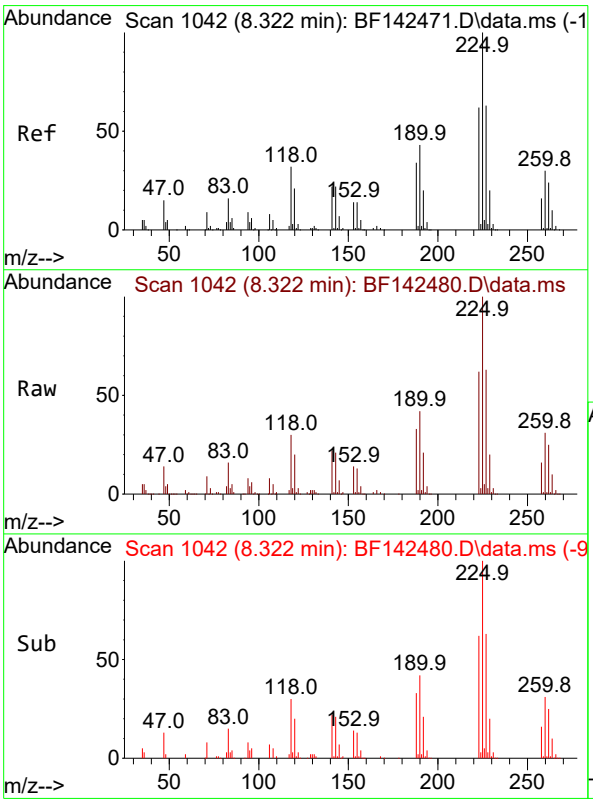
#33
4-Chloroaniline
Concen: 19.138 ng m
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:127 Resp: 189181

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.1	39.1
65	28.4	24.9	37.3
92	19.1	15.6	23.4

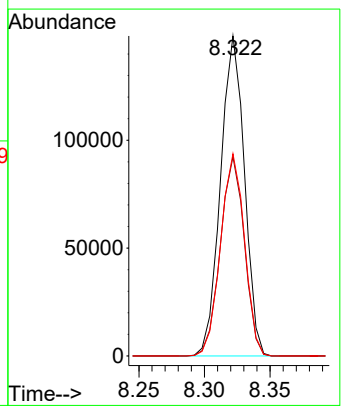


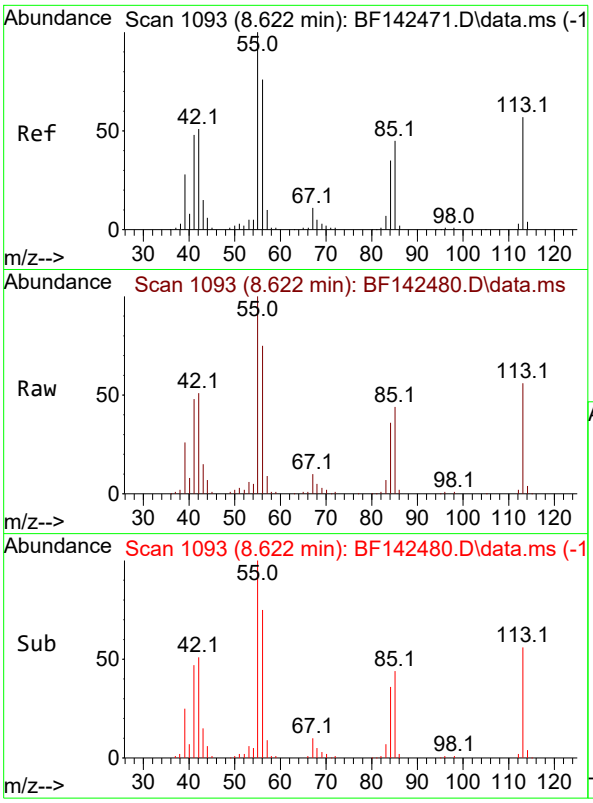


#34
Hexachlorobutadiene
Concen: 39.483 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:225 Resp: 187885

Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	63.2	50.3	75.5



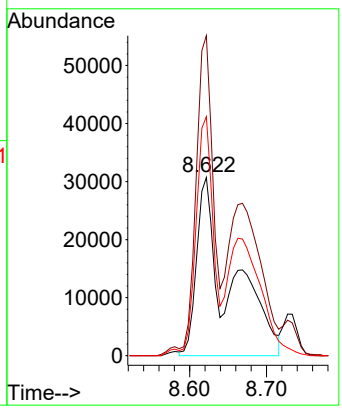


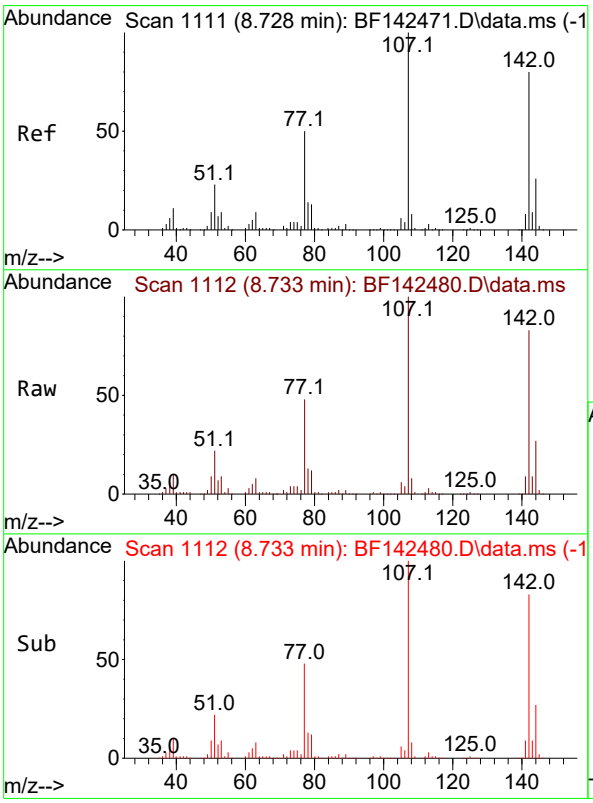
#35
Caprolactam
Concen: 46.005 ng m
RT: 8.622 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:113 Resp: 90734

Ion	Ratio	Lower	Upper
113	100		
55	179.5	154.7	194.7
56	134.1	113.2	153.2

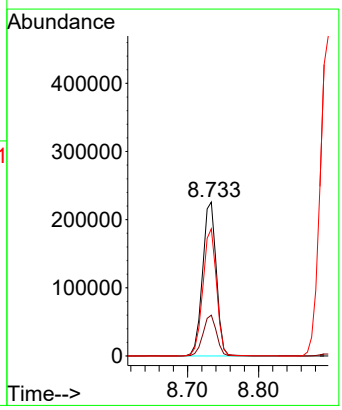


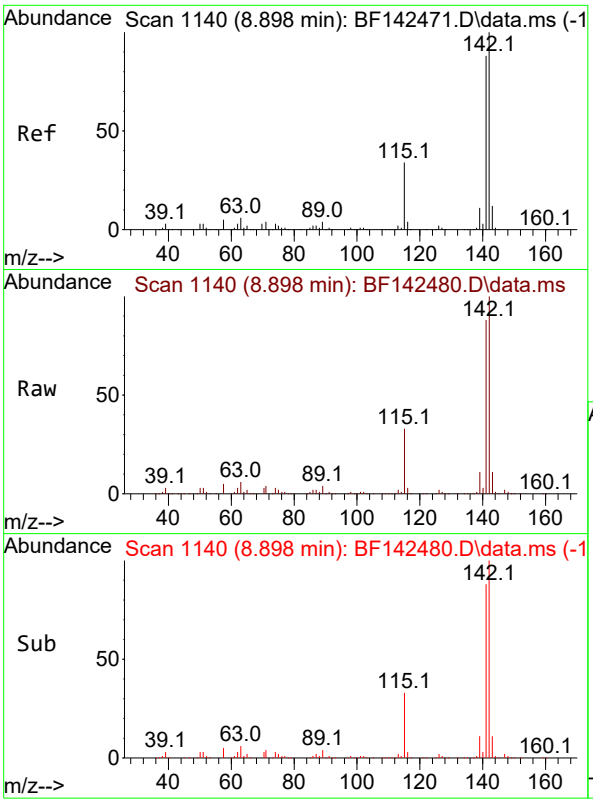


#36
4-Chloro-3-methylphenol
Concen: 42.286 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:107 Resp: 304323

Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.9	31.3
142	82.6	64.2	96.2



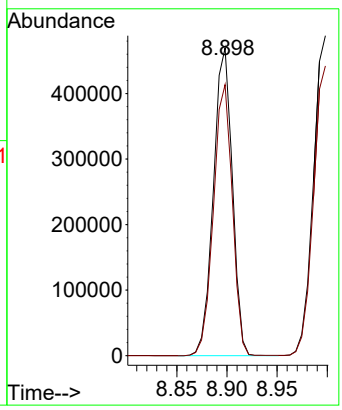


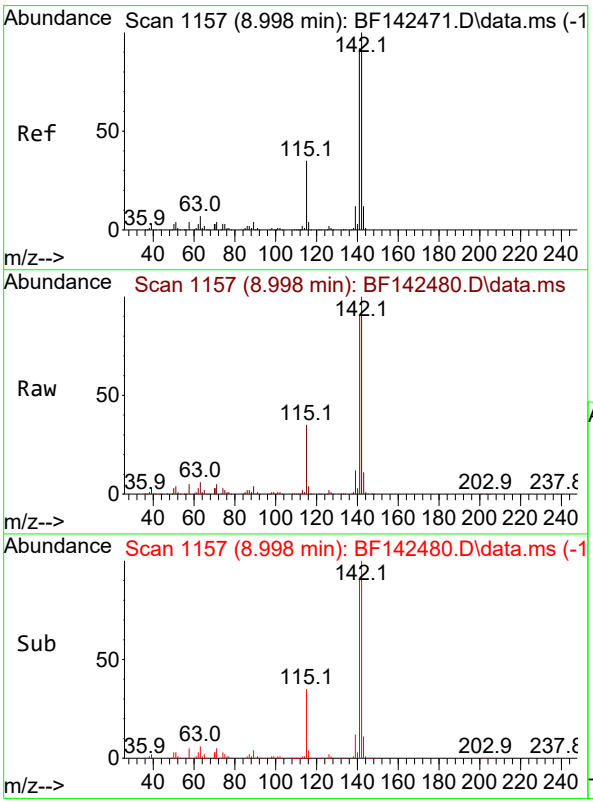
#37
2-Methylnaphthalene
Concen: 40.049 ng
RT: 8.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:142 Resp: 614650

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1

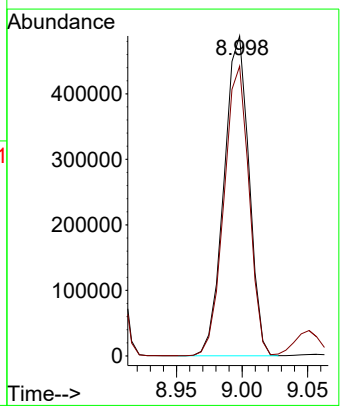


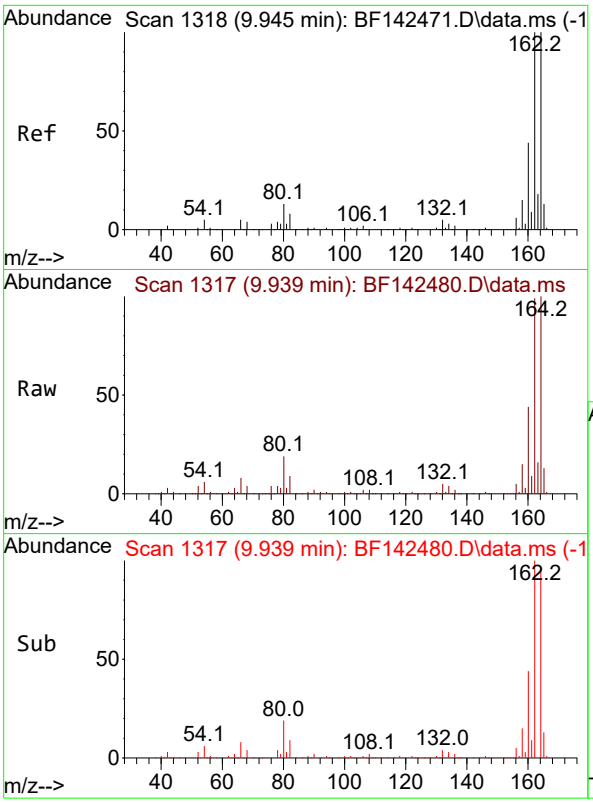


#38
1-Methylnaphthalene
Concen: 40.800 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:142 Resp: 647702

Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2



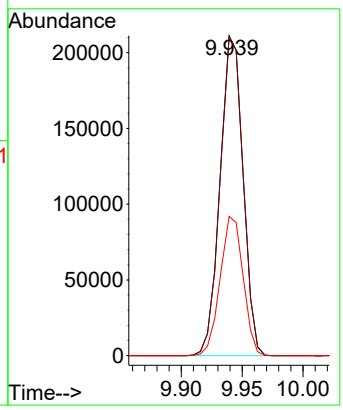


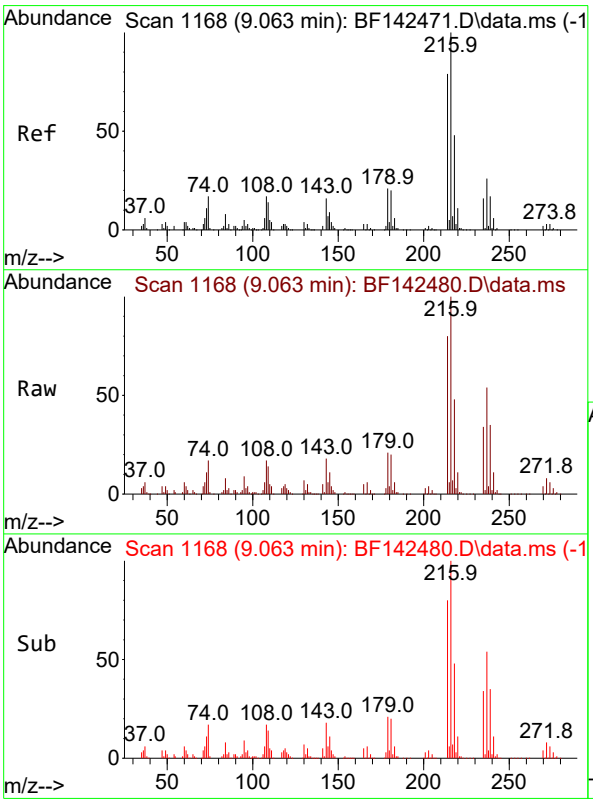
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:164 Resp: 277044

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.4
160	43.5	35.6	53.4

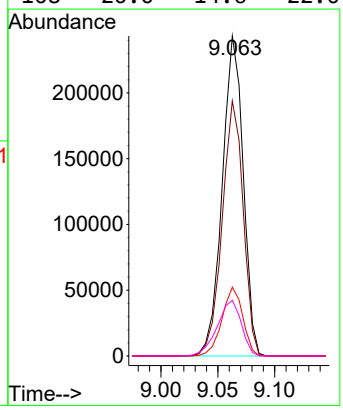


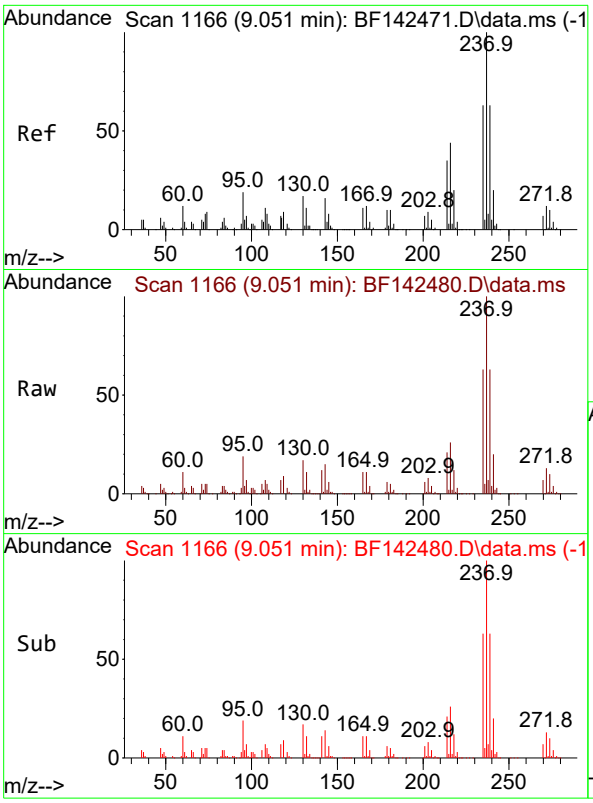


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.302 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:216 Resp: 312557

Ion	Ratio	Lower	Upper
216	100		
214	79.7	62.9	94.3
179	21.2	16.9	25.3
108	20.0	14.6	22.0



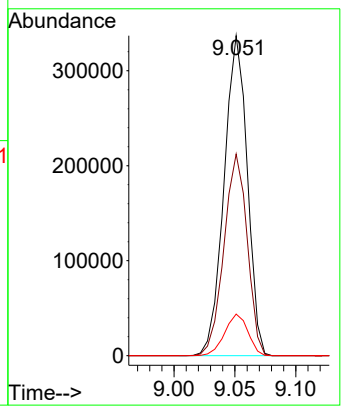


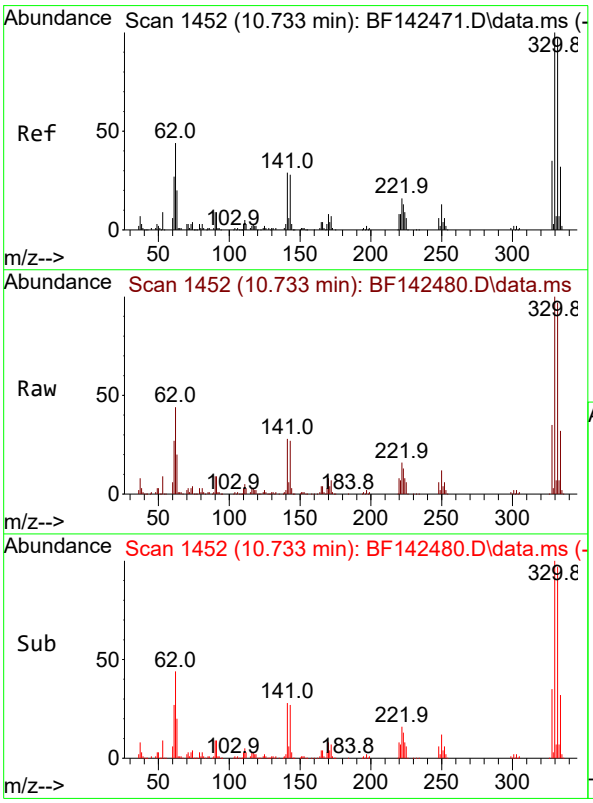
#41
Hexachlorocyclopentadiene
Concen: 83.232 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:237 Resp: 446528

Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.3	83.3
272	13.0	0.0	32.4

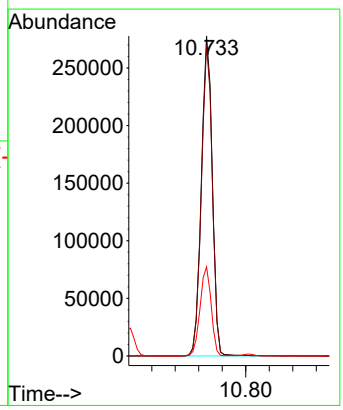


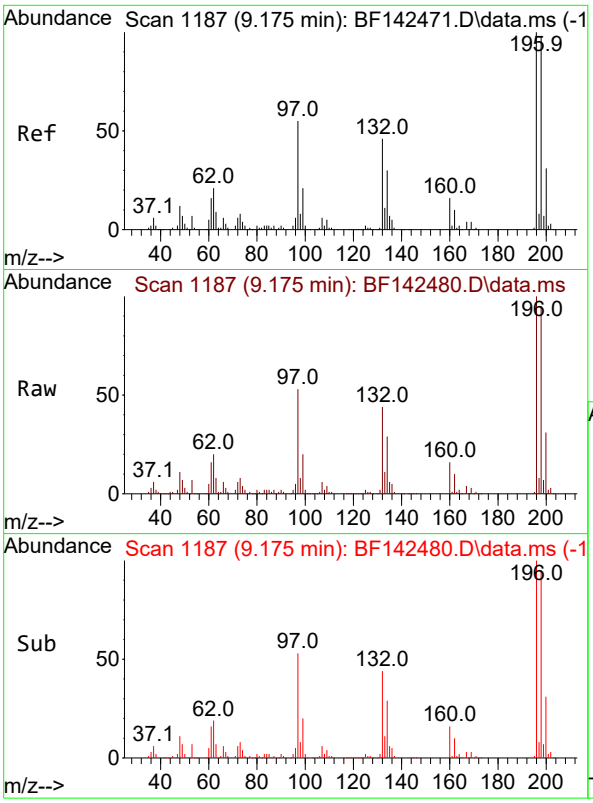


#42
2,4,6-Tribromophenol
Concen: 116.889 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:330 Resp: 359414

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	28.3	24.6	36.8



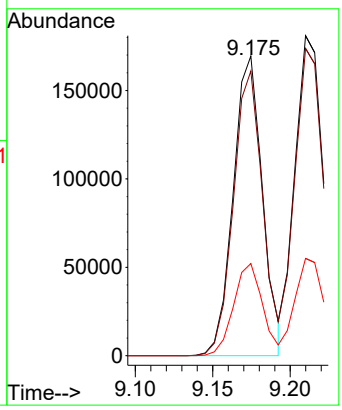


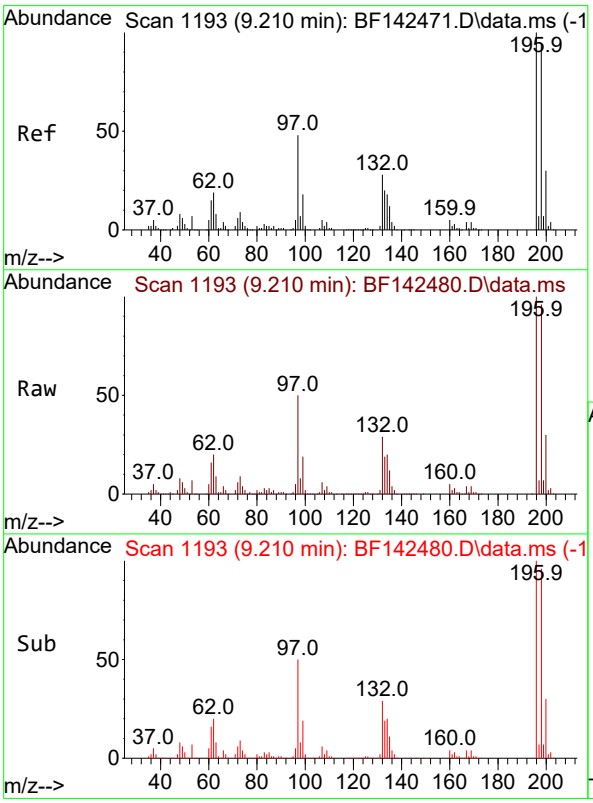
#43
2,4,6-Trichlorophenol
Concen: 41.439 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:196 Resp: 222225

Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.8	118.2
200	30.8	24.9	37.3

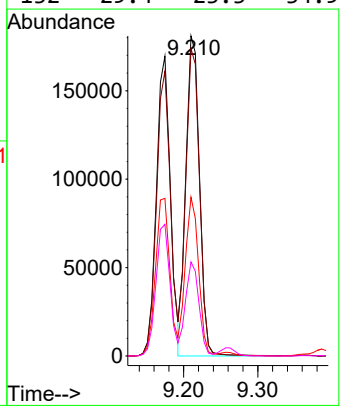


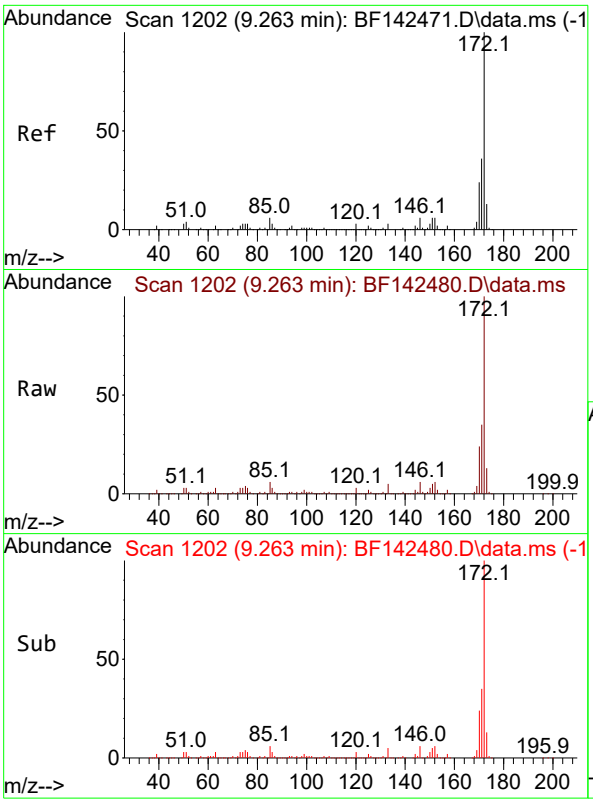


#44
2,4,5-Trichlorophenol
Concen: 41.201 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:196 Resp: 233019

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.5	113.3
97	49.6	39.3	58.9
132	29.4	23.3	34.9



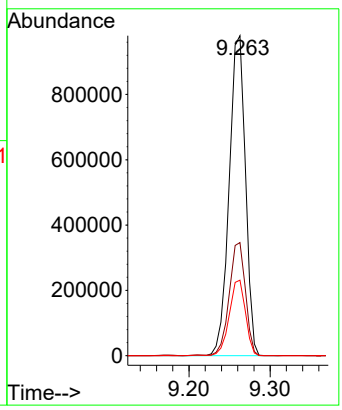


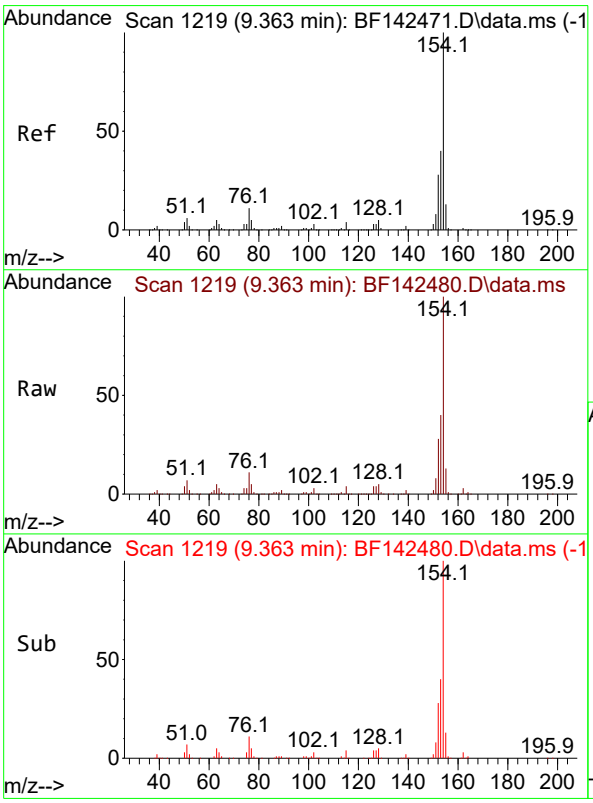
#45
2-Fluorobiphenyl
Concen: 66.043 ng
RT: 9.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:172 Resp: 1363534

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.6	18.9	28.3

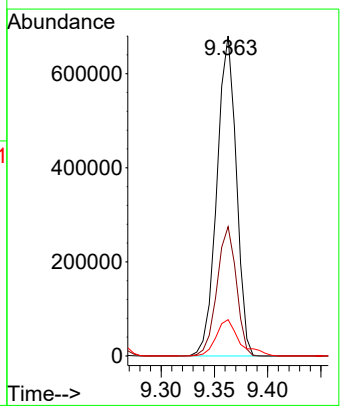


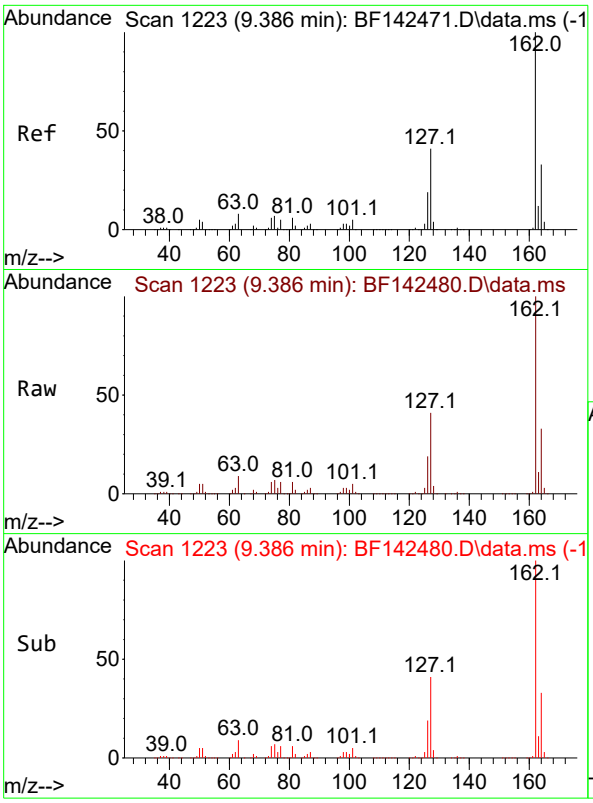


#46
1,1'-Biphenyl
Concen: 39.968 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:154 Resp: 859058

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	11.3	0.0	30.8



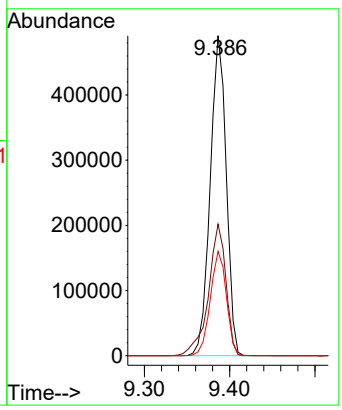


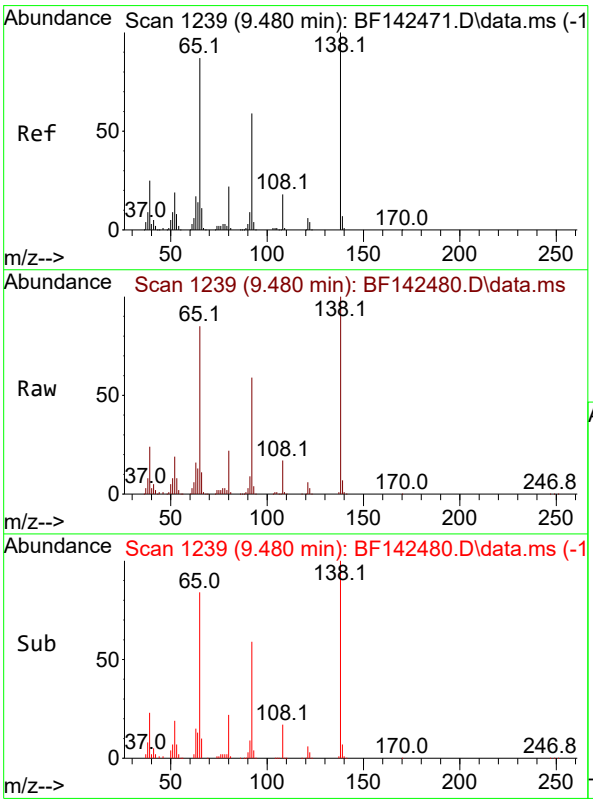
#47
2-Chloronaphthalene
Concen: 40.382 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:162 Resp: 641274

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.5	50.3
164	32.6	26.1	39.1

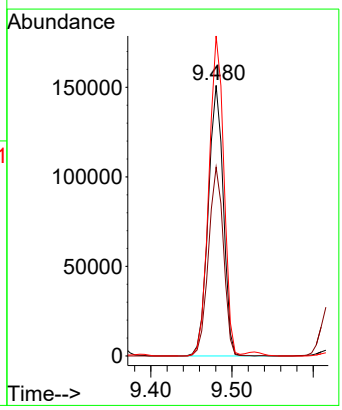


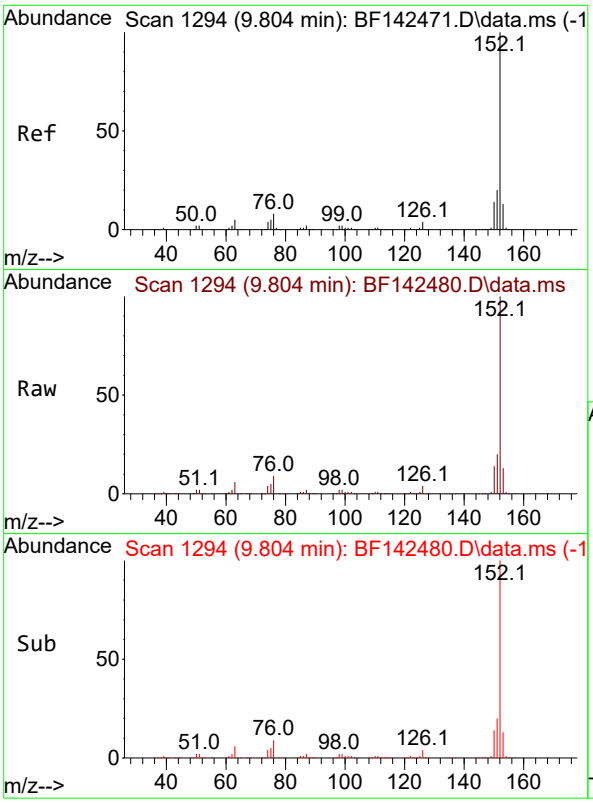


#48
2-Nitroaniline
Concen: 42.297 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion: 65 Resp: 194148

Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.4	81.6
138	118.3	91.4	137.2



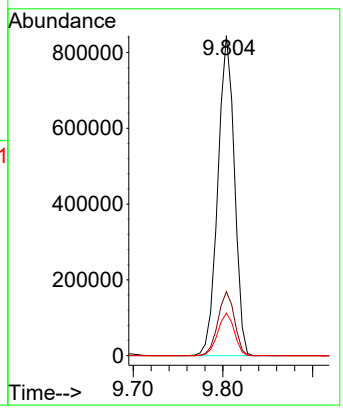


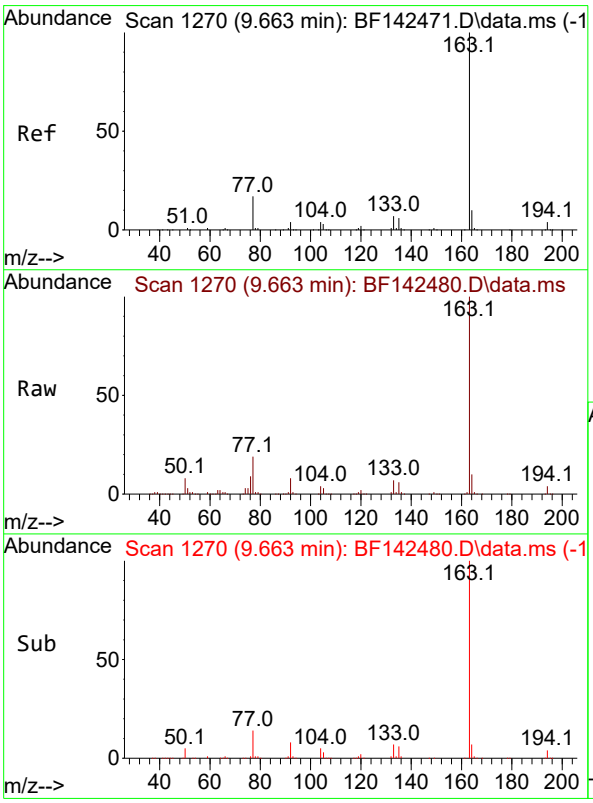
#49
Acenaphthylene
Concen: 40.366 ng
RT: 9.804 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:152 Resp: 1082413

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.3	10.6	15.8

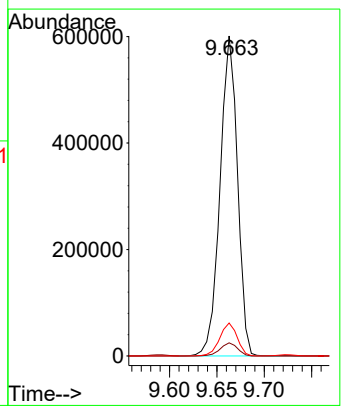


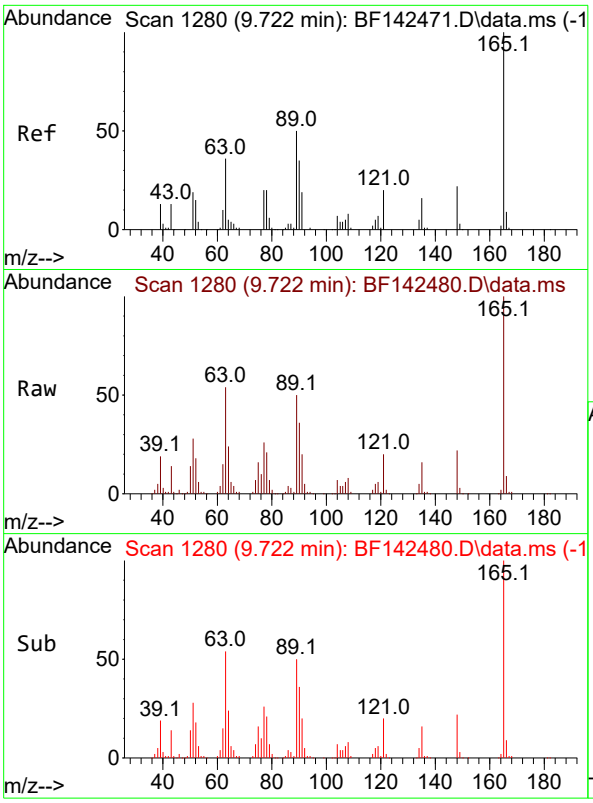


#50
Dimethylphthalate
Concen: 42.246 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:163 Resp: 772268

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.4



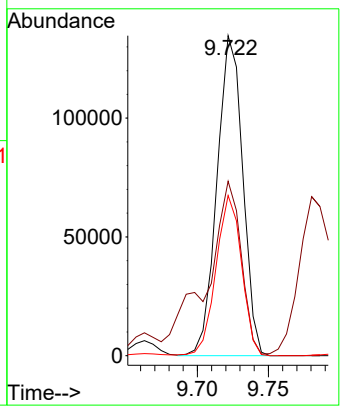


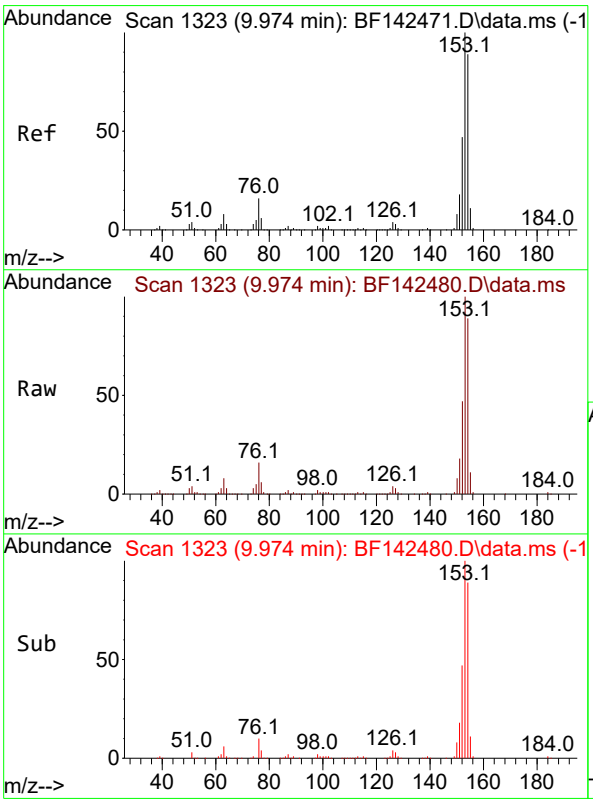
#51
2,6-Dinitrotoluene
Concen: 43.080 ng
RT: 9.722 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:165 Resp: 169971

Ion	Ratio	Lower	Upper
165	100		
63	54.5	42.9	64.3
89	50.0	40.2	60.4

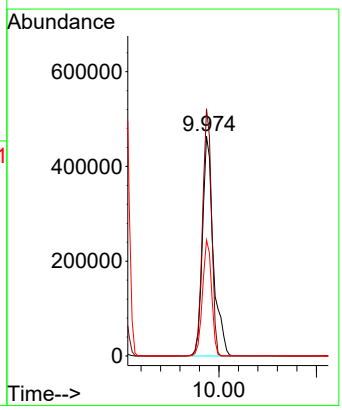


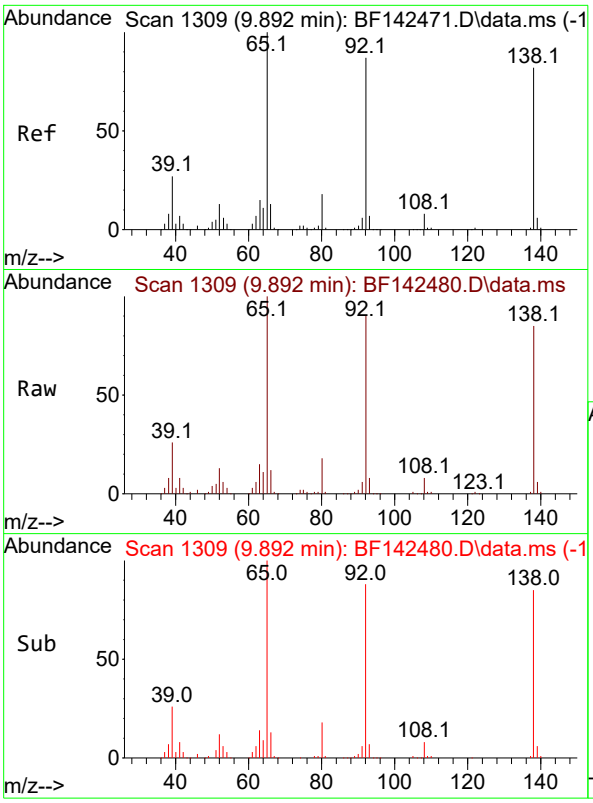


#52
Acenaphthene
Concen: 43.769 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:154 Resp: 716666

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	52.7	42.6	64.0



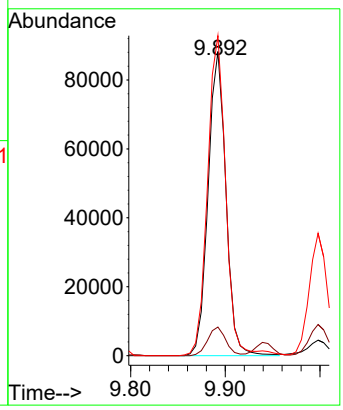


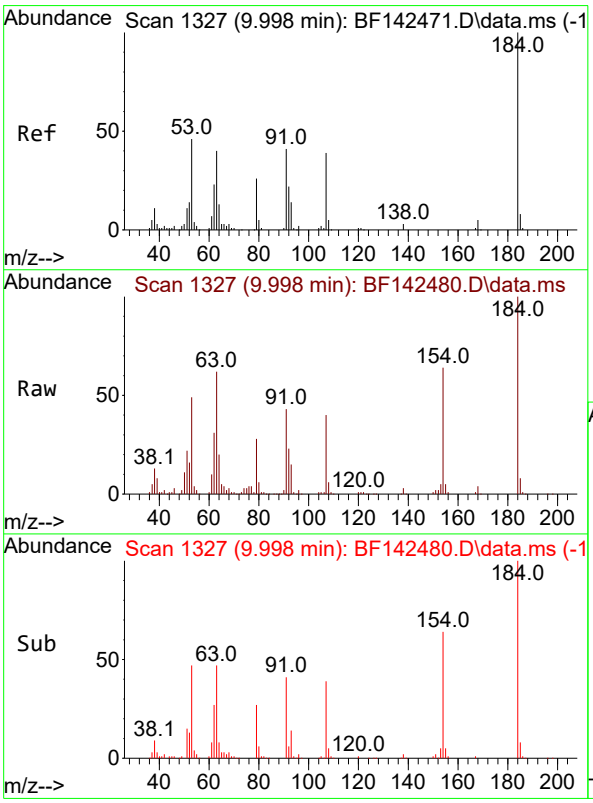
#53
3-Nitroaniline
Concen: 26.768 ng
RT: 9.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:138 Resp: 115354

Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.1	12.1
92	105.2	85.2	127.8

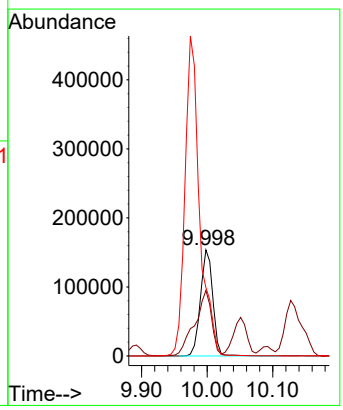


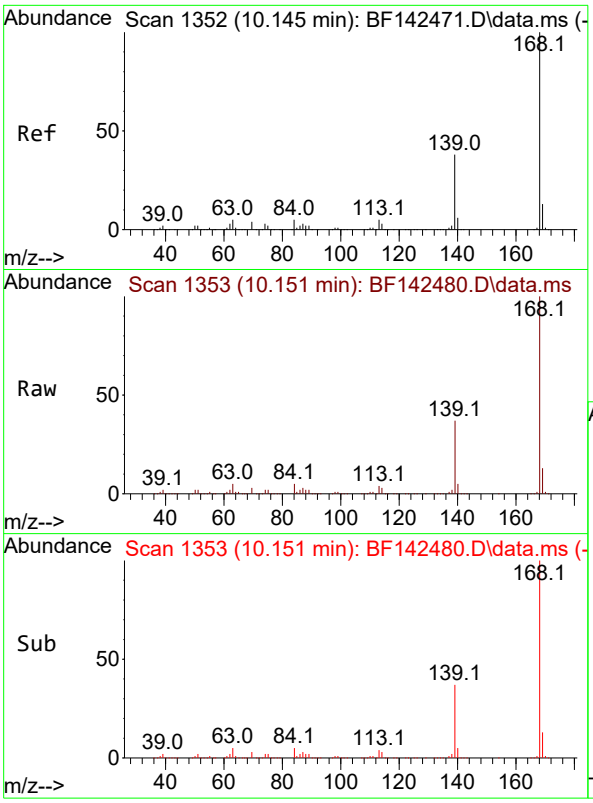


#54
2,4-Dinitrophenol
Concen: 99.019 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:184 Resp: 201837

Ion	Ratio	Lower	Upper
184	100		
63	61.6	46.3	69.5
154	64.4	56.8	85.2



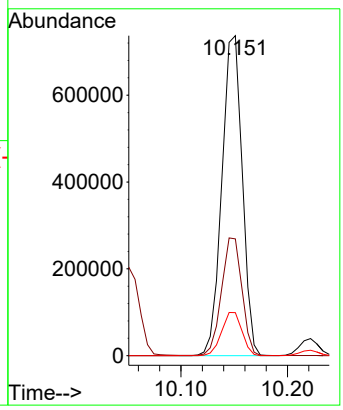


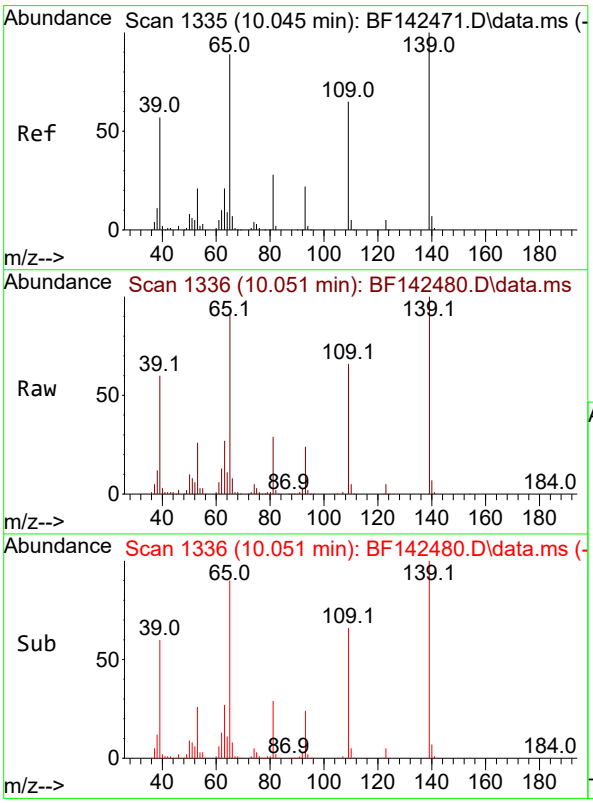
#55
Dibenzofuran
Concen: 41.535 ng
RT: 10.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:168 Resp: 978668

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.2
169	13.4	10.7	16.1

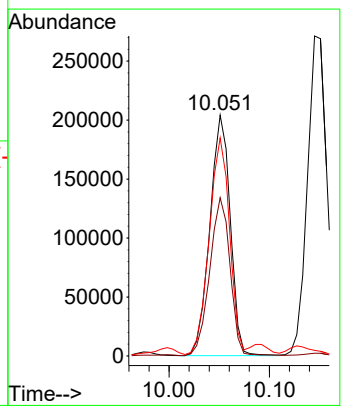


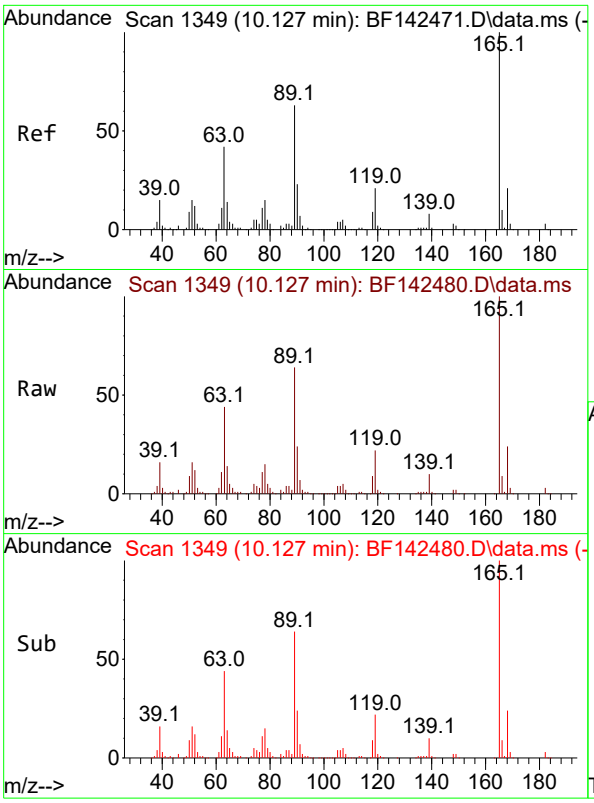


#56
4-Nitrophenol
Concen: 90.703 ng
RT: 10.051 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:139 Resp: 288407

Ion	Ratio	Lower	Upper
139	100		
109	65.7	45.1	85.1
65	90.6	69.7	109.7



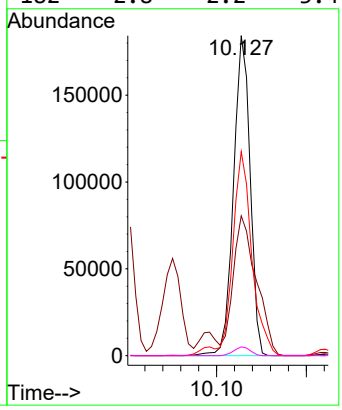


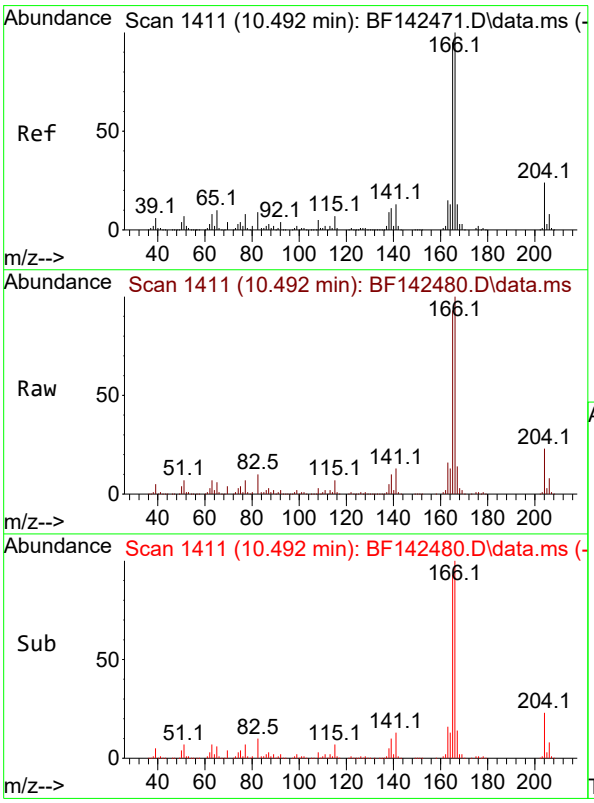
#57
2,4-Dinitrotoluene
Concen: 45.916 ng
RT: 10.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:165 Resp: 236587

Ion	Ratio	Lower	Upper
165	100		
63	43.7	33.6	50.4
89	63.7	50.2	75.4
182	2.8	2.2	3.4

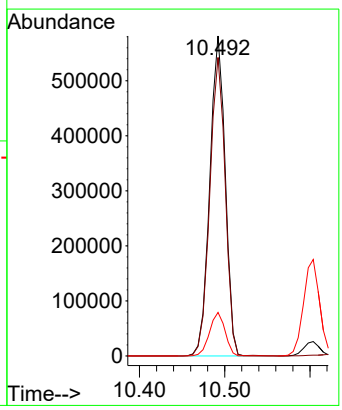


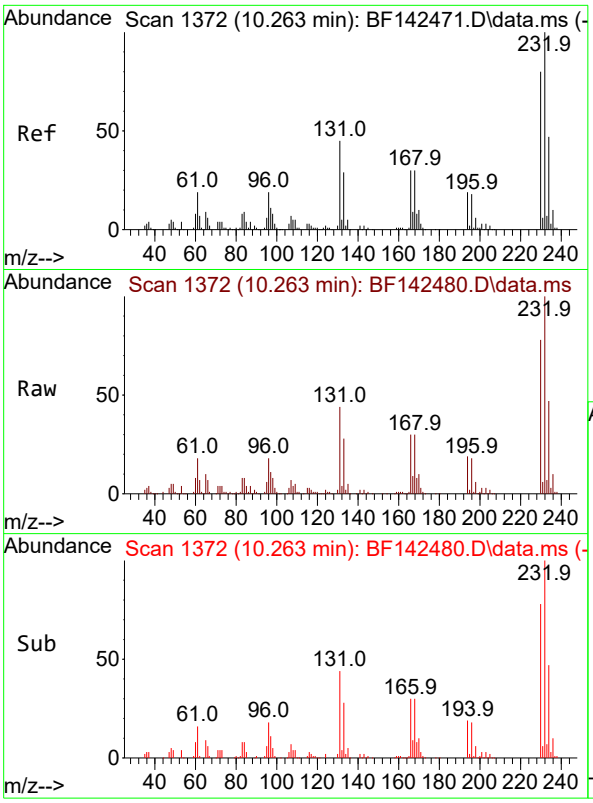


#58
Fluorene
Concen: 40.185 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:166 Resp: 731497

Ion	Ratio	Lower	Upper
166	100		
165	93.3	75.8	113.8
167	13.6	10.6	16.0



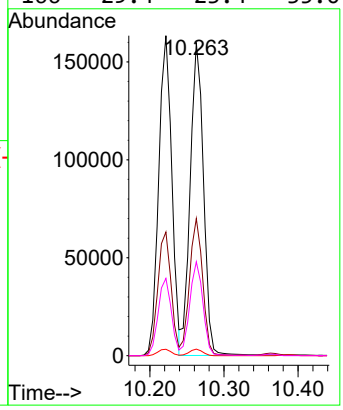


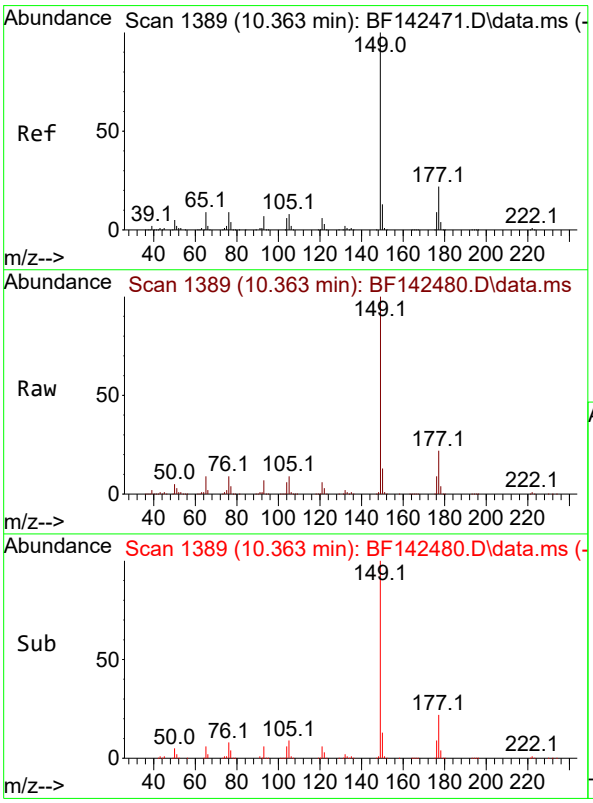
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.269 ng
RT: 10.263 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:232 Resp: 199574

Ion	Ratio	Lower	Upper
232	100		
131	43.3	35.2	52.8
130	2.1	1.7	2.5
166	29.4	23.4	35.0

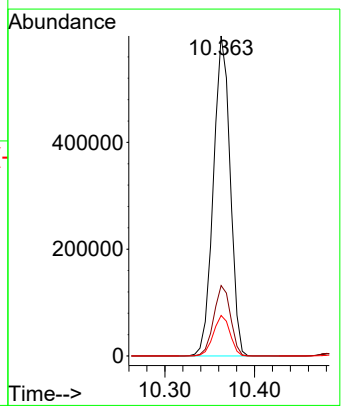


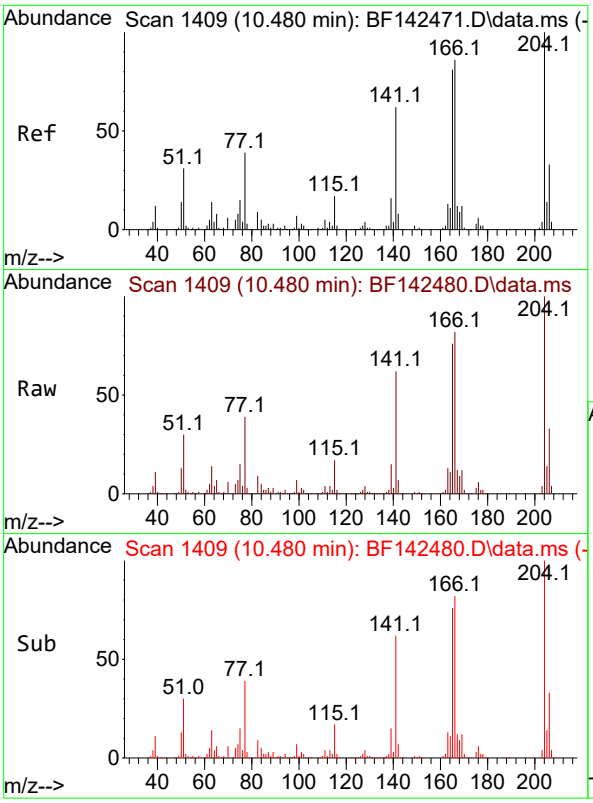


#60
Diethylphthalate
Concen: 43.590 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 778235

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.6	26.4
150	12.7	10.1	15.1



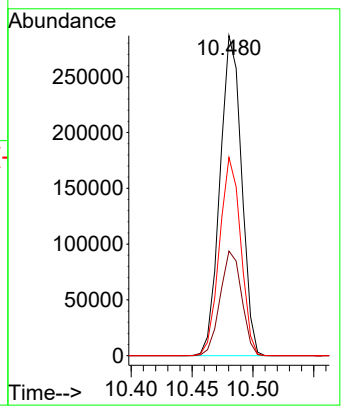


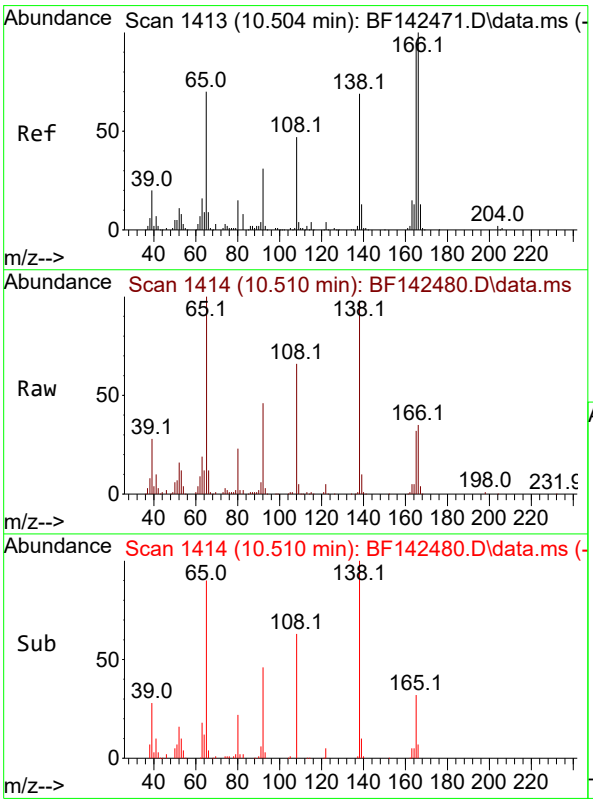
#61
4-Chlorophenyl-phenylether
Concen: 39.581 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:204 Resp: 353935

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	62.0	49.5	74.3

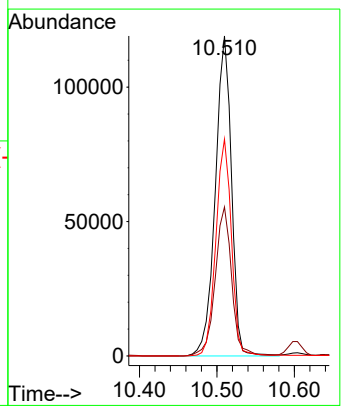


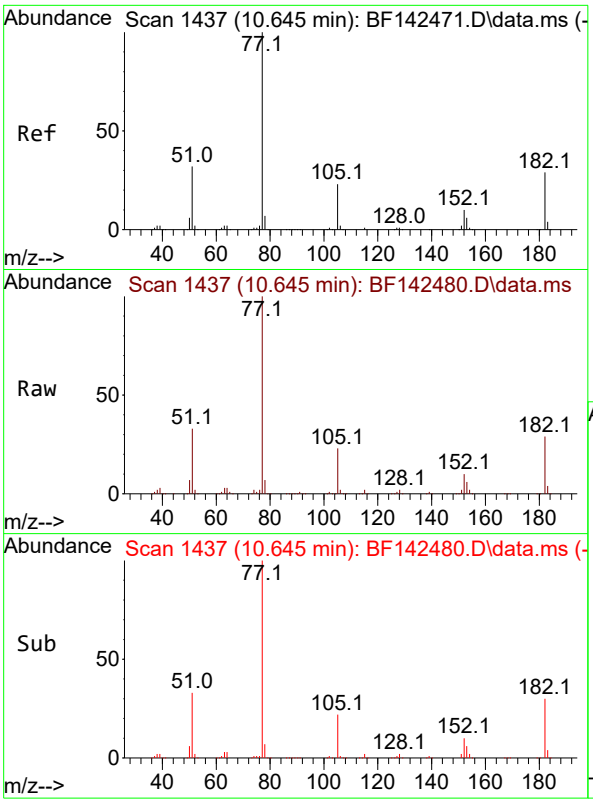


#62
4-Nitroaniline
Concen: 44.166 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:138 Resp: 172618

Ion	Ratio	Lower	Upper
138	100		
92	46.6	26.0	66.0
108	67.7	48.4	88.4



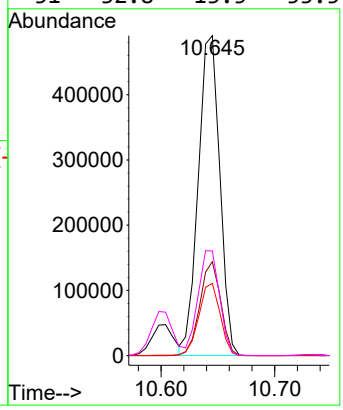


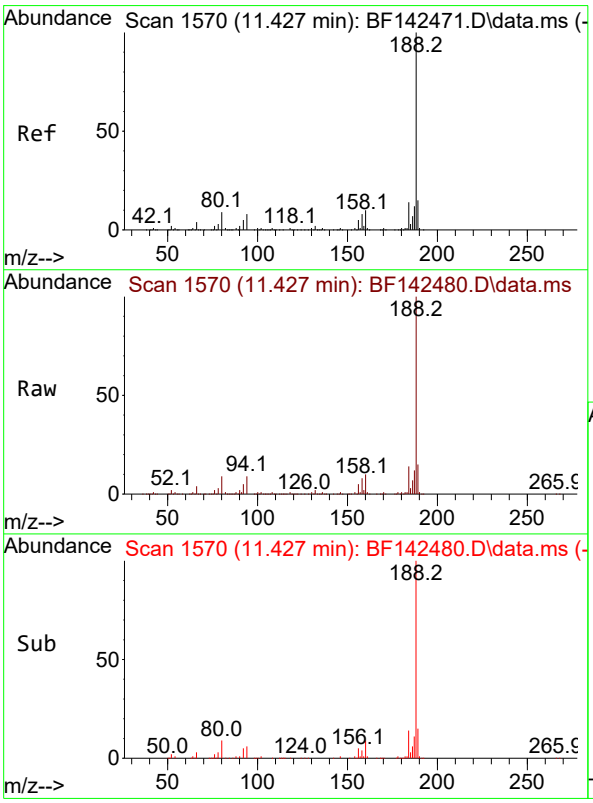
#63
Azobenzene
Concen: 40.325 ng
RT: 10.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion: 77 Resp: 646640

Ion	Ratio	Lower	Upper
77	100		
182	29.4	9.0	49.0
105	22.6	2.4	42.4
51	32.8	13.5	53.5

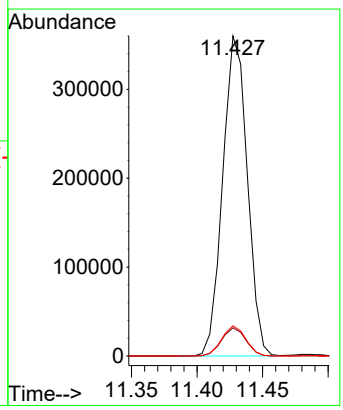


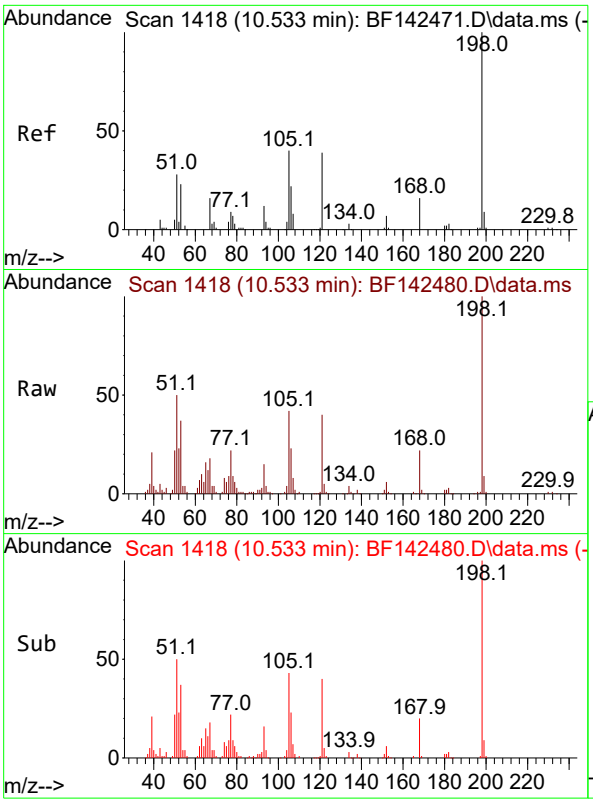


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:188 Resp: 468851

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.6	10.0
80	9.4	7.4	11.0



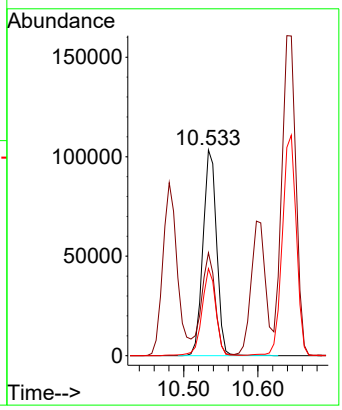


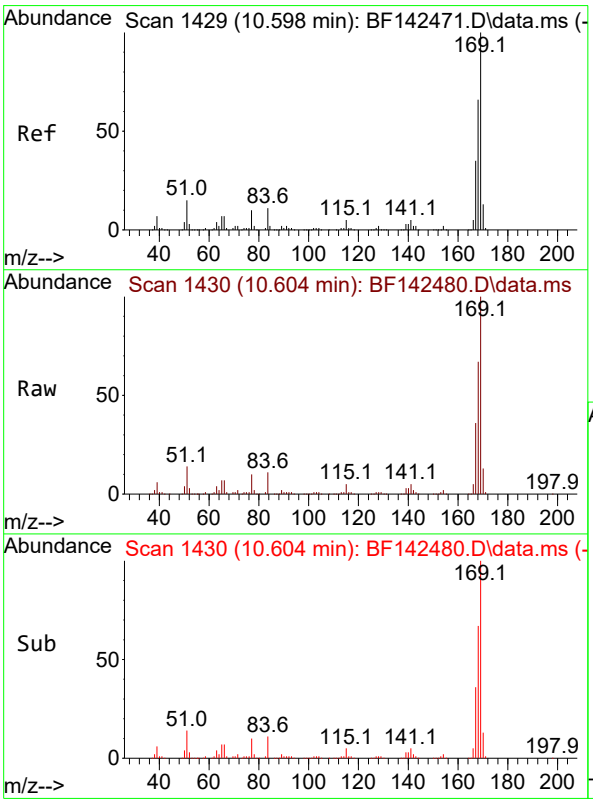
#65
4,6-Dinitro-2-methylphenol
Concen: 50.477 ng
RT: 10.533 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:198 Resp: 132075

Ion	Ratio	Lower	Upper
198	100		
51	50.0	28.3	68.3
105	42.3	21.3	61.3

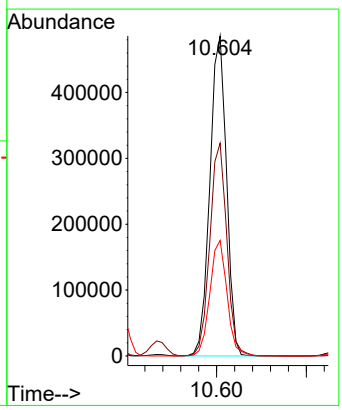


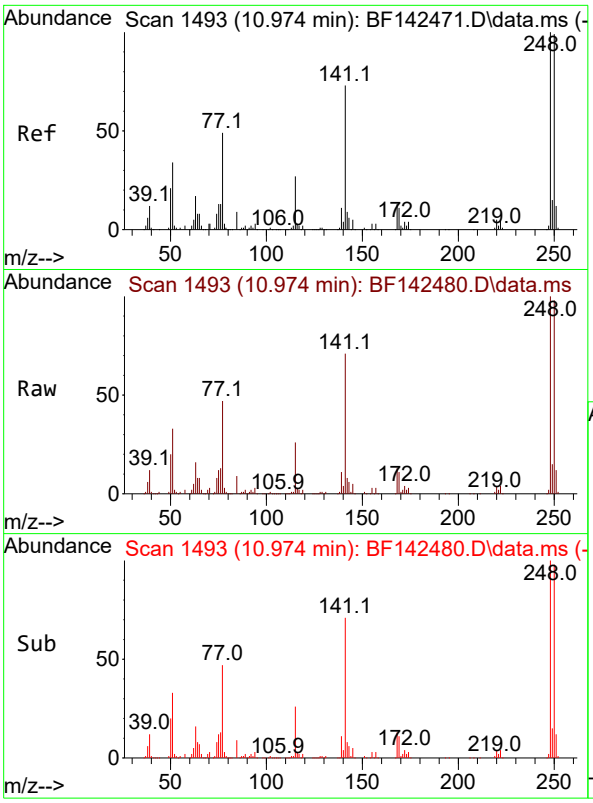


#66
n-Nitrosodiphenylamine
Concen: 38.986 ng
RT: 10.604 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:169 Resp: 625355

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.7	79.1
167	36.1	28.3	42.5



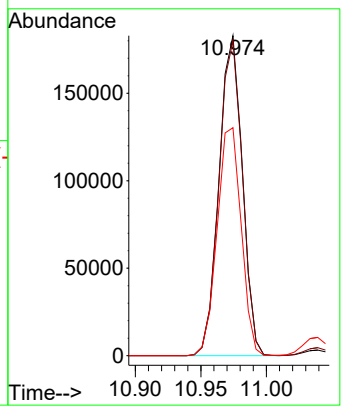


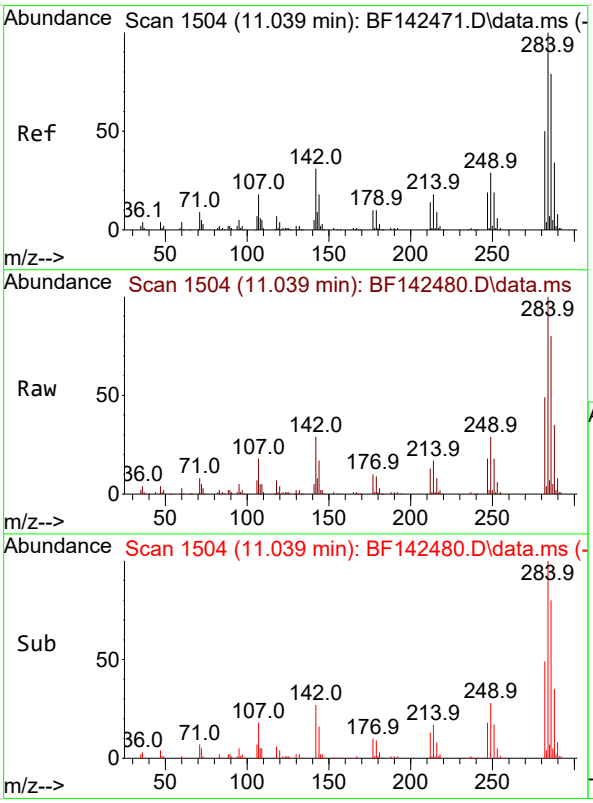
#67
4-Bromophenyl-phenylether
Concen: 40.947 ng
RT: 10.974 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:248 Resp: 227003

Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.0	118.4
141	71.3	58.4	87.6

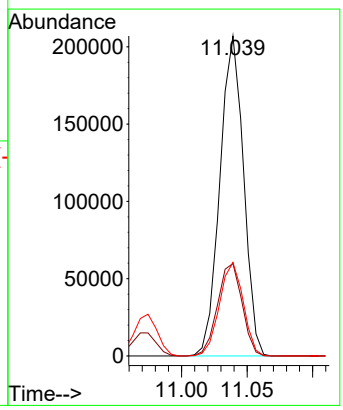


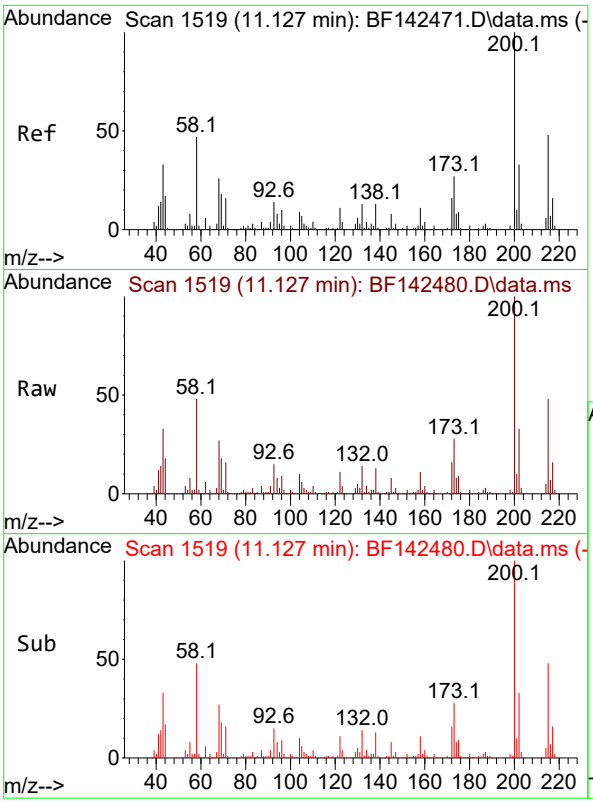


#68
Hexachlorobenzene
Concen: 42.297 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:284 Resp: 259350

Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.8	37.2
249	29.2	23.6	35.4



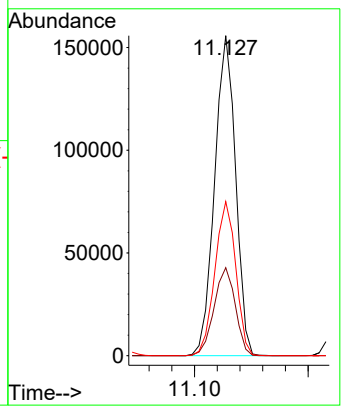


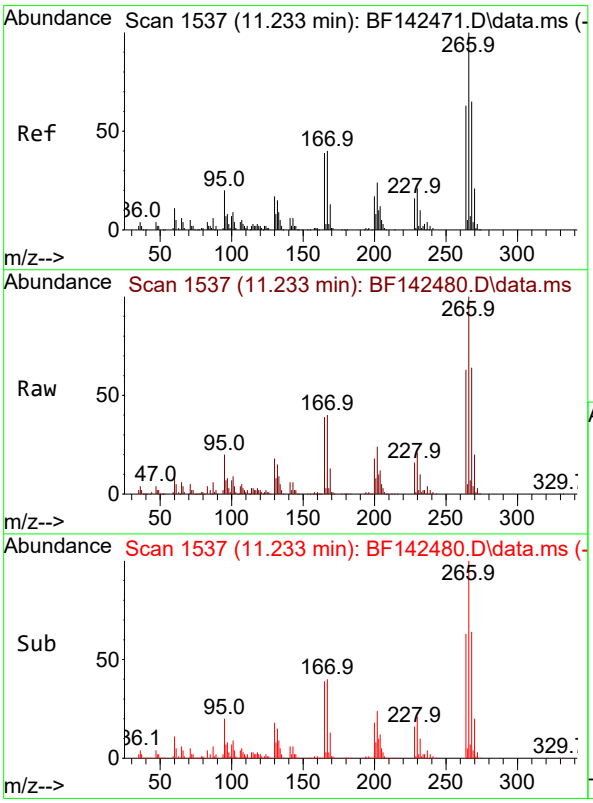
#69
Atrazine
Concen: 46.835 ng
RT: 11.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:200 Resp: 199511

Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	48.2	28.5	68.5

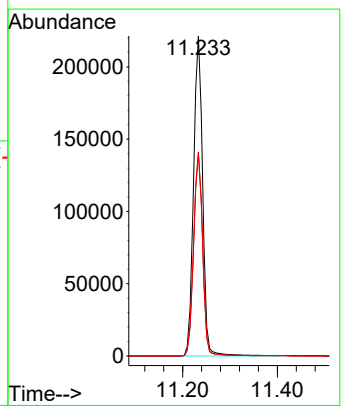


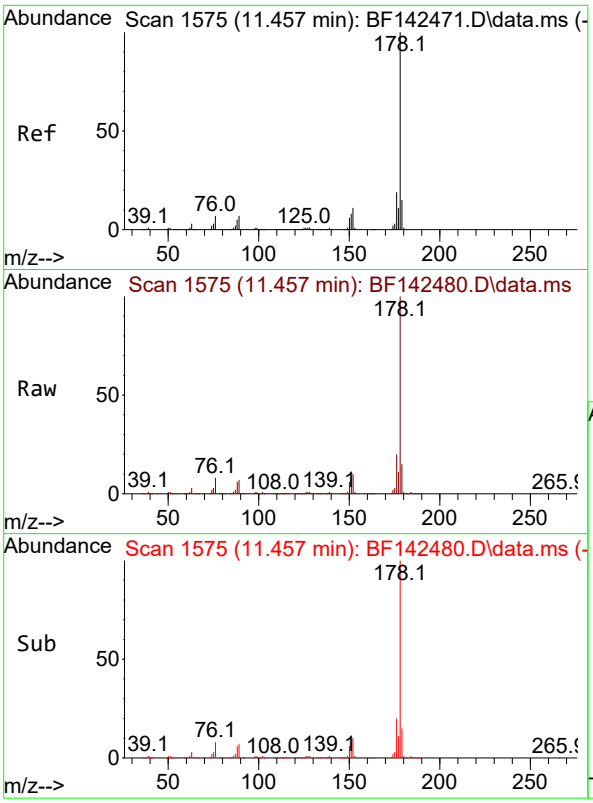


#70
Pentachlorophenol
Concen: 84.924 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:266 Resp: 293992

Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.7	77.5
264	63.5	50.4	75.6



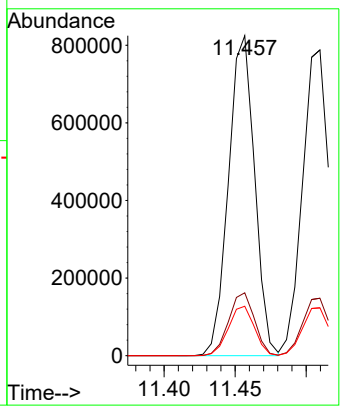


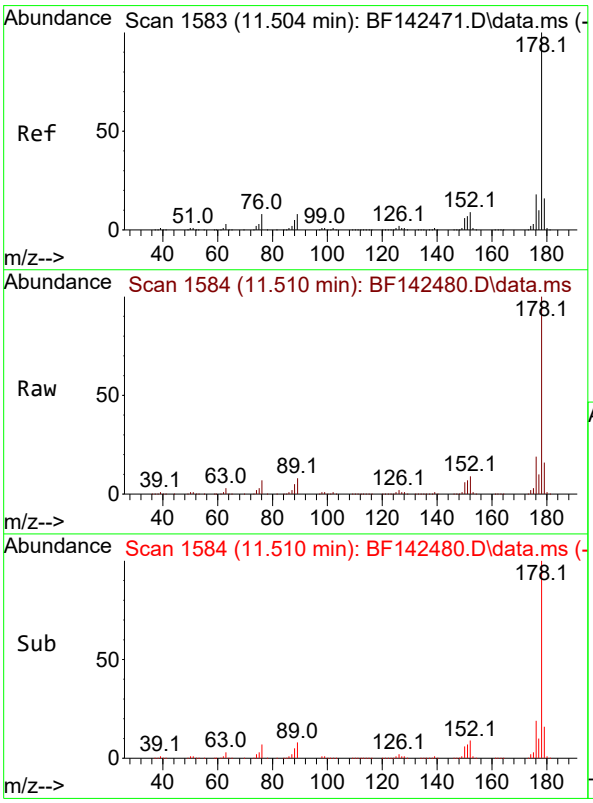
#71
Phenanthrene
Concen: 42.140 ng
RT: 11.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:178 Resp: 1055879

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	15.5	12.3	18.5

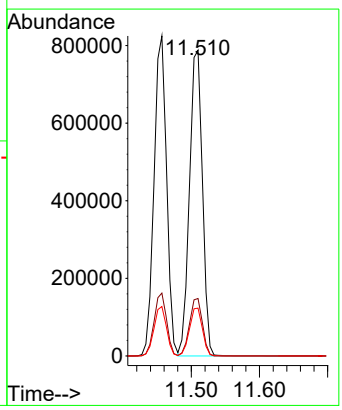


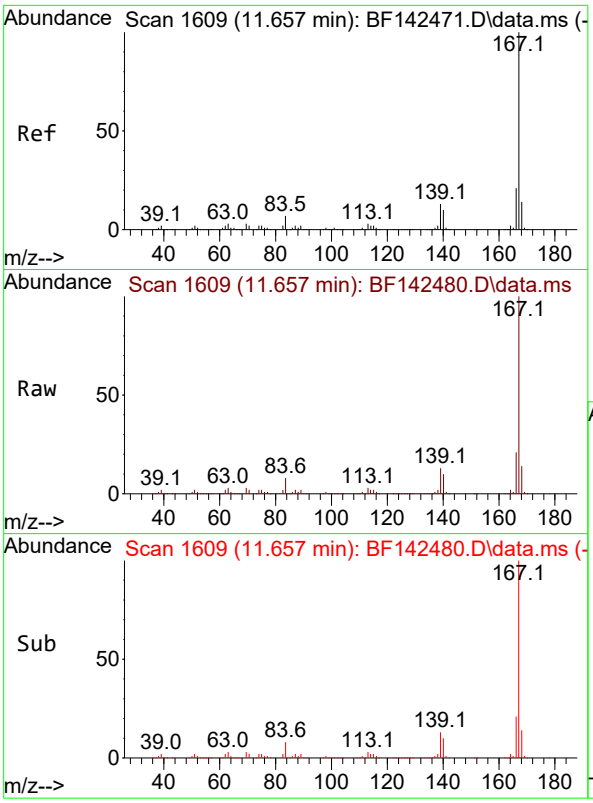


#72
Anthracene
Concen: 40.407 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:178 Resp: 1033289

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.6	12.4	18.6



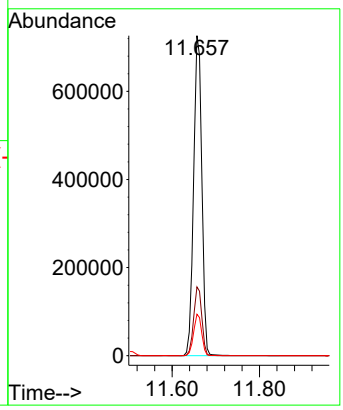


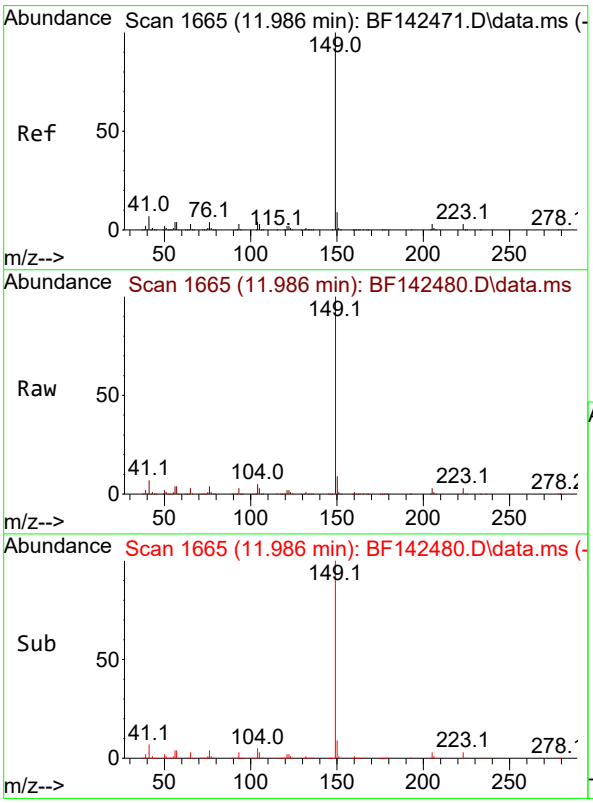
#73
Carbazole
Concen: 43.485 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:167 Resp: 950628

Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.9	25.3
139	13.0	10.2	15.4

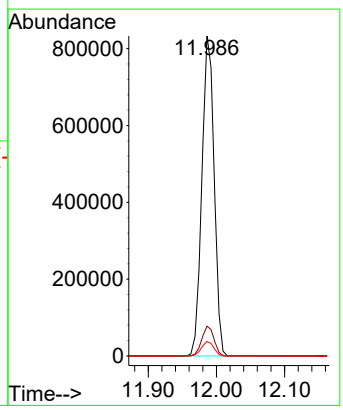


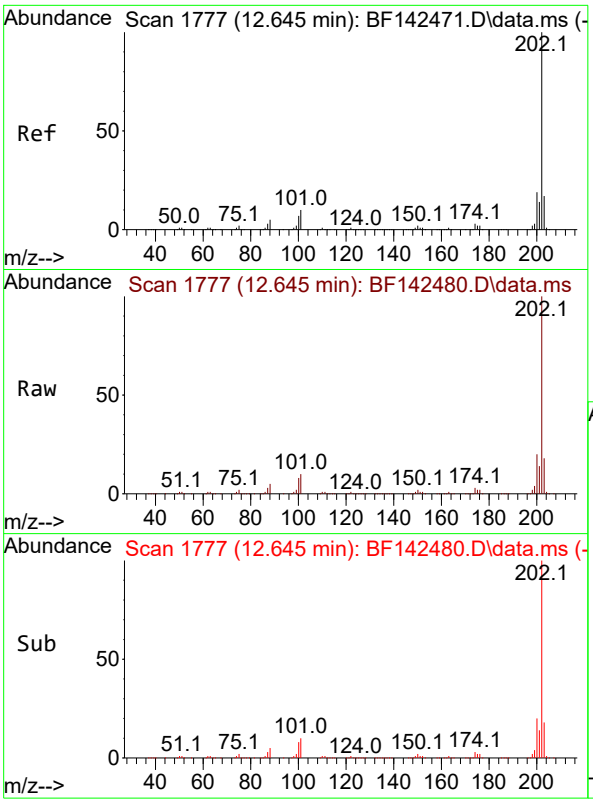


#74
Di-n-butylphthalate
Concen: 43.556 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 1042271

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.6	3.6	5.4



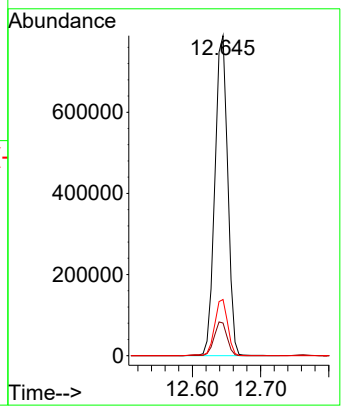


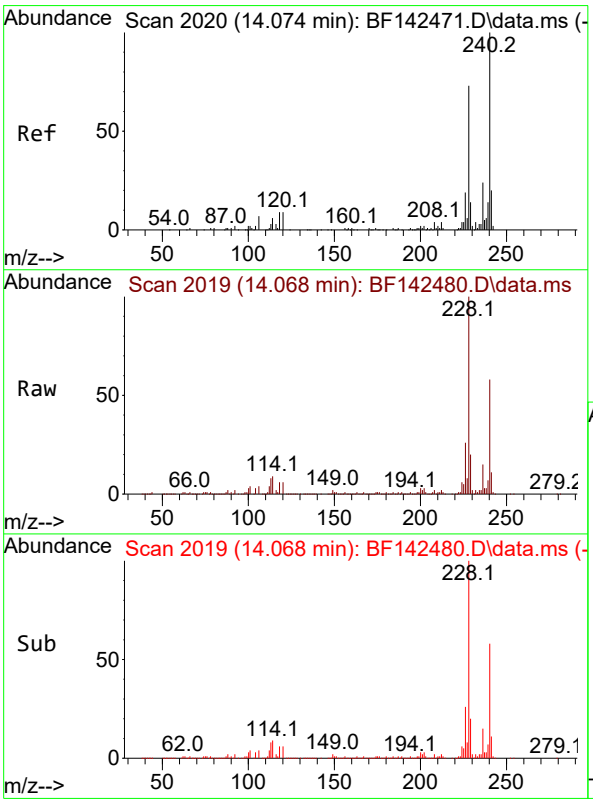
#75
Fluoranthene
Concen: 44.231 ng
RT: 12.645 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:202 Resp: 1035557

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.6
203	17.6	0.0	37.2

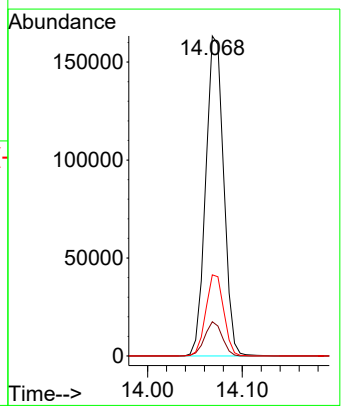


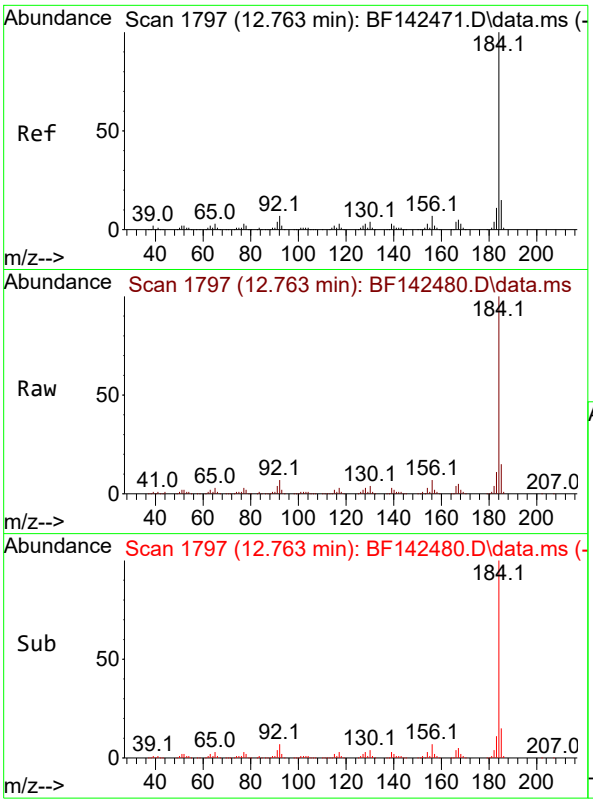


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:240 Resp: 214548

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.5	11.3
236	25.4	19.6	29.4



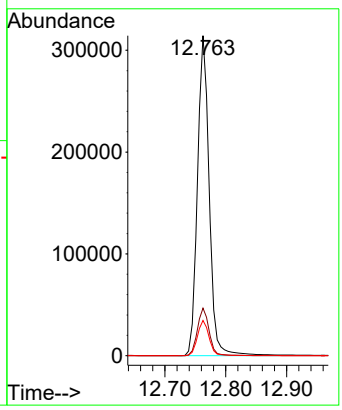


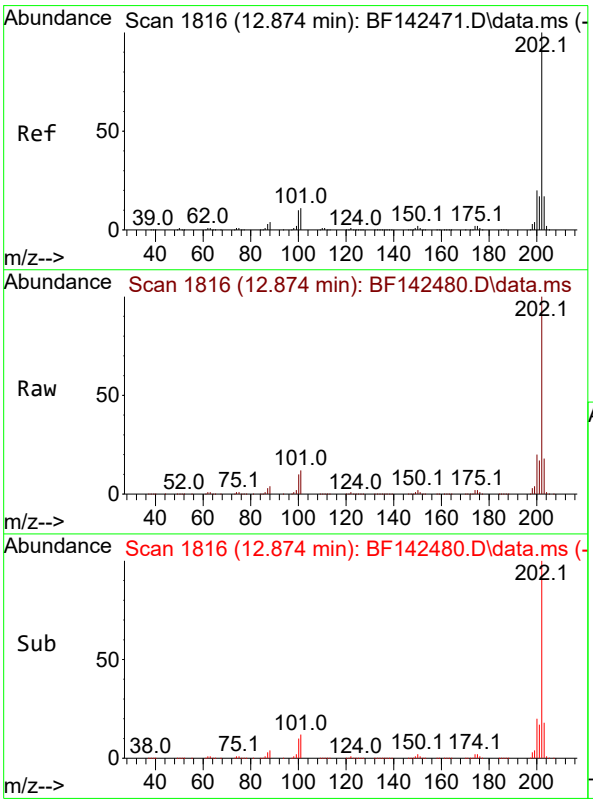
#77
Benzidine
Concen: 52.842 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:184 Resp: 421887

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.6	17.4
183	11.0	9.0	13.4

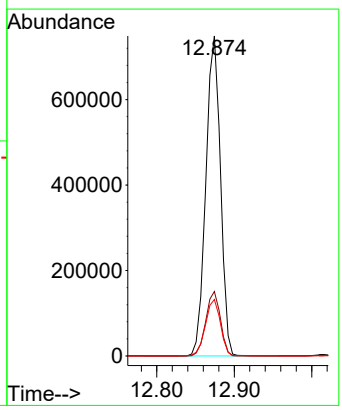


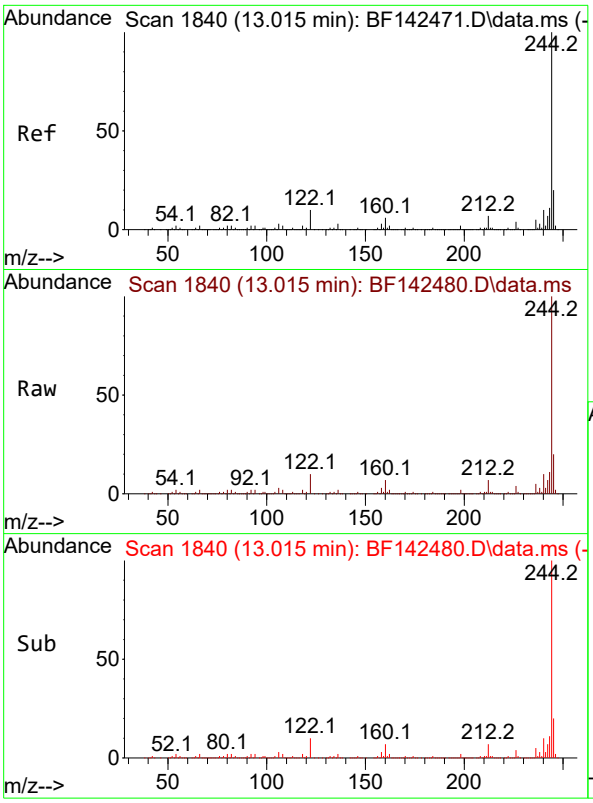


#78
Pyrene
Concen: 48.973 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:202 Resp: 980148

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.1	24.1
203	17.7	13.9	20.9



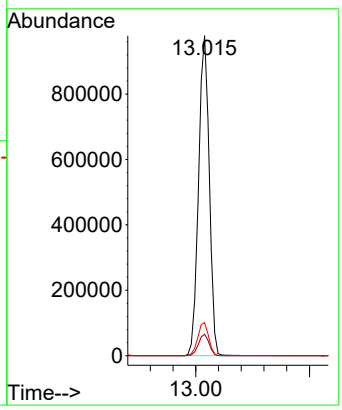


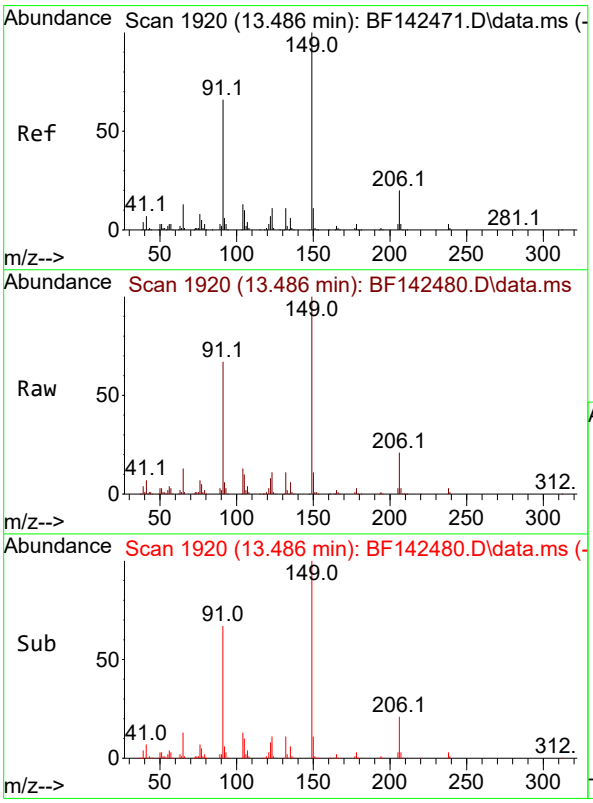
#79
Terphenyl-d14
Concen: 81.570 ng
RT: 13.015 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:244 Resp: 1280646

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	10.3	8.2	12.2

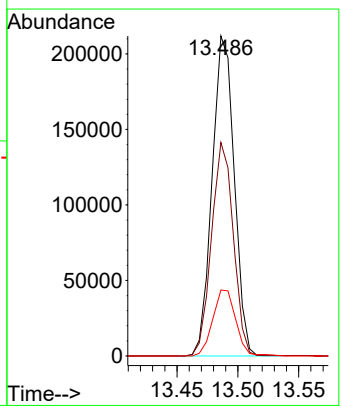


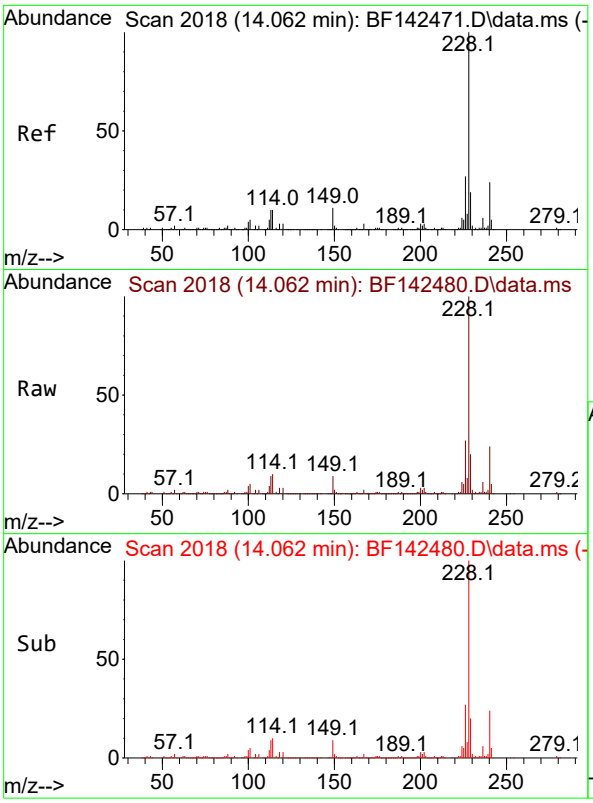


#80
Butylbenzylphthalate
Concen: 48.493 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 268182

Ion	Ratio	Lower	Upper
149	100		
91	66.7	52.9	79.3
206	20.6	16.2	24.2



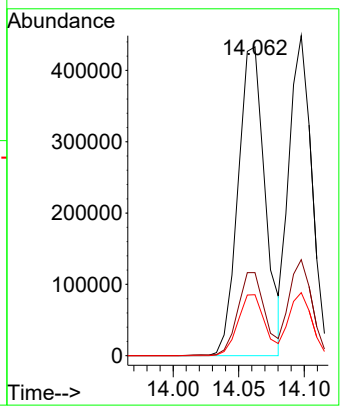


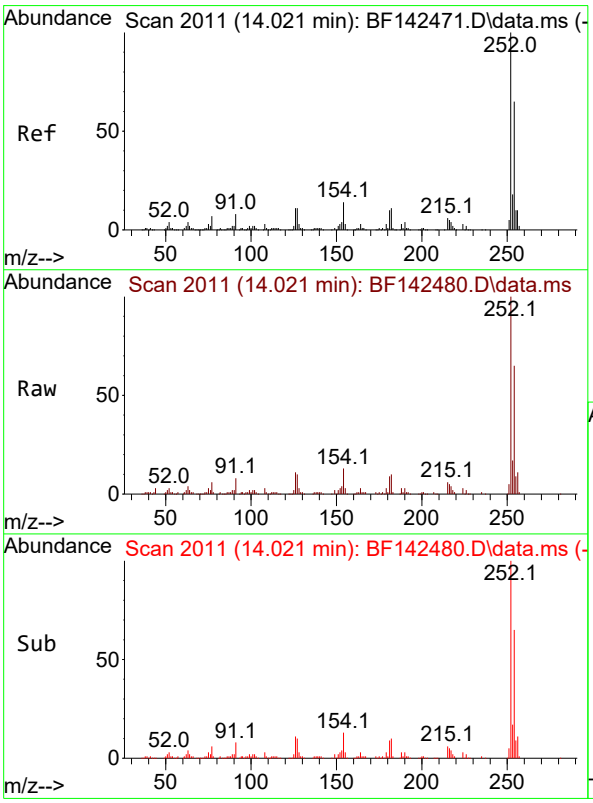
#81
Benzo(a)anthracene
Concen: 43.497 ng
RT: 14.062 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:228 Resp: 623164

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.7	15.5	23.3

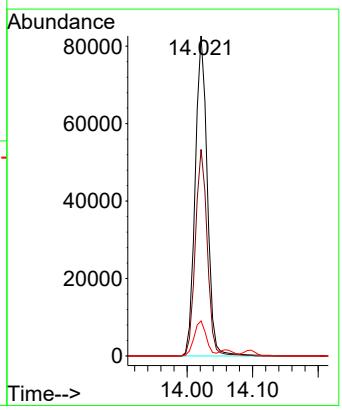


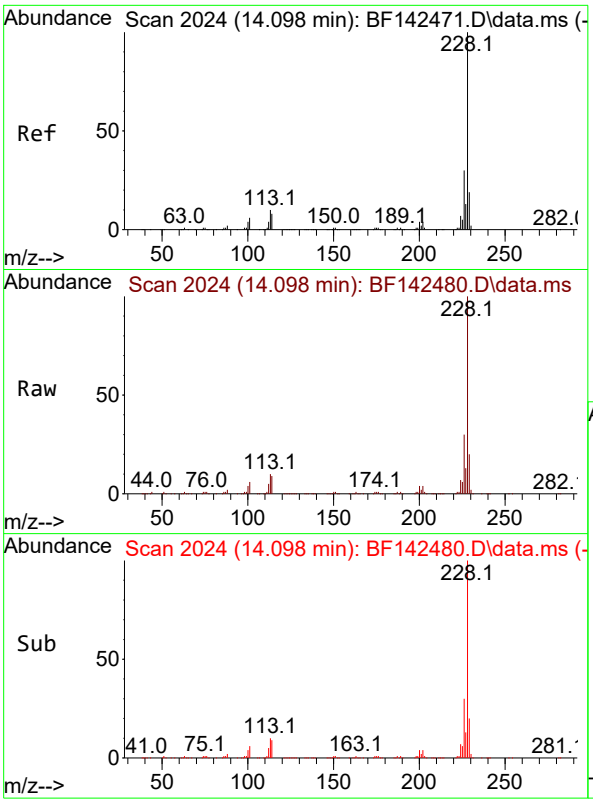


#82
3,3'-Dichlorobenzidine
Concen: 24.423 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:252 Resp: 106125

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.0	78.0
126	11.0	8.9	13.3



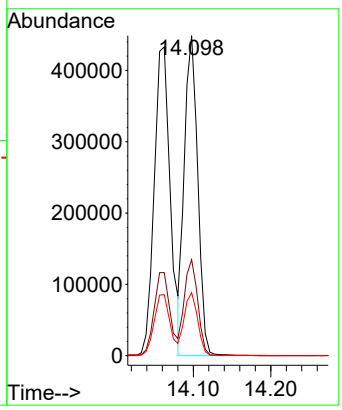


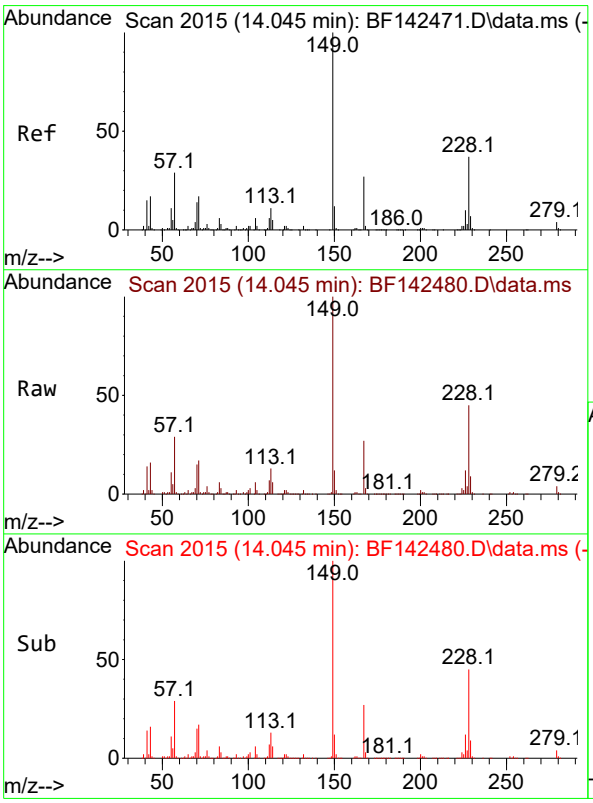
#83
Chrysene
Concen: 41.954 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:228 Resp: 540084

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.7	15.4	23.2

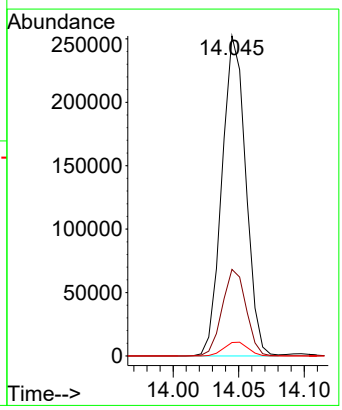


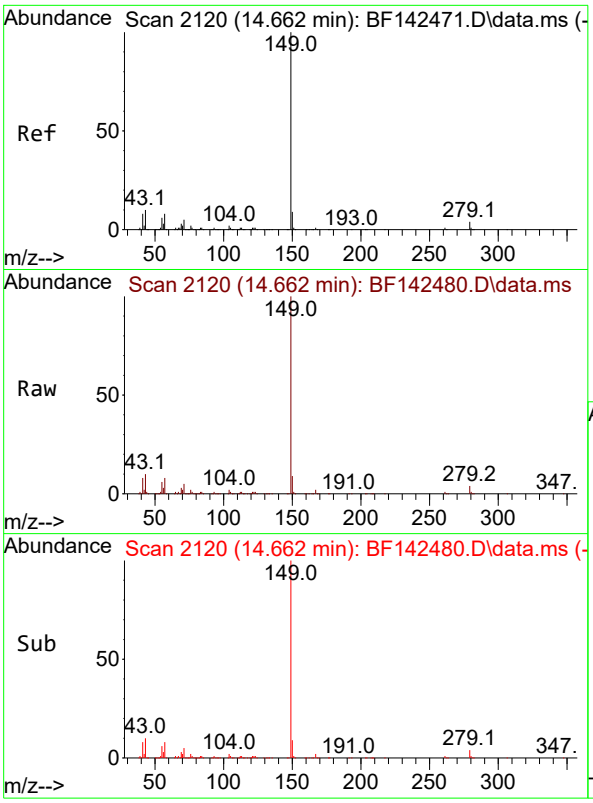


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.086 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:149 Resp: 319188

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.5	32.3
279	4.2	3.2	4.8



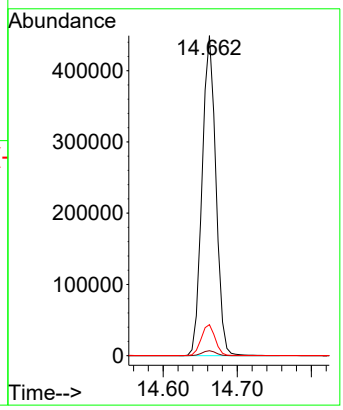


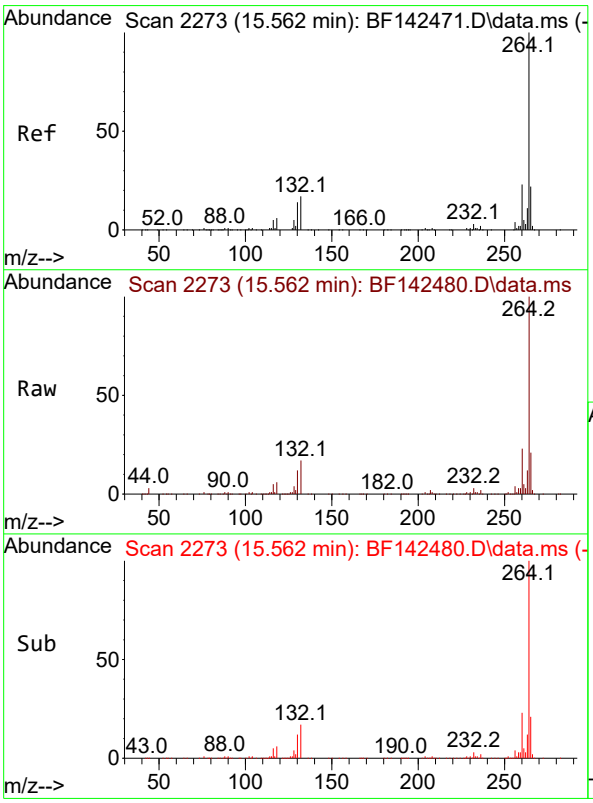
#85
Di-n-octyl phthalate
Concen: 41.968 ng
RT: 14.662 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:149 Resp: 580953

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.8	7.9	11.9

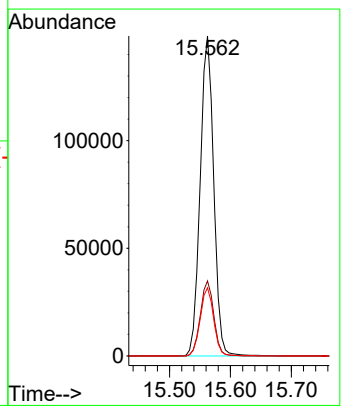


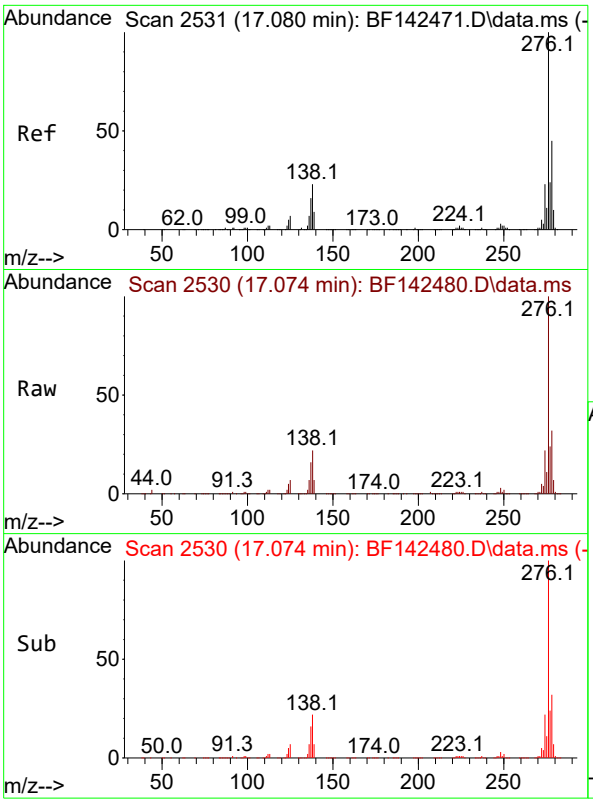


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:264 Resp: 229705

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.3	17.7	26.5



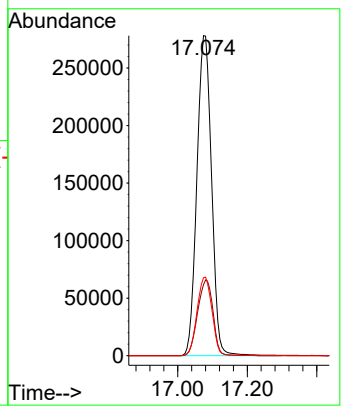


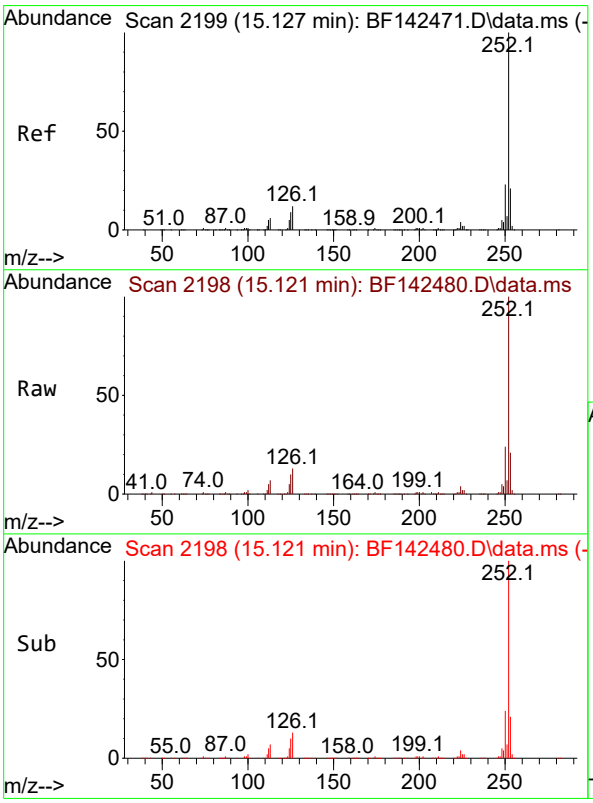
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.127 ng
RT: 17.074 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:276 Resp: 812696

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.9	29.9
277	25.1	20.2	30.2

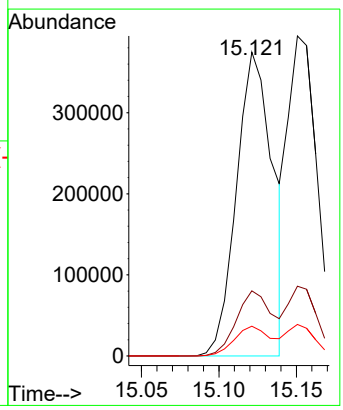


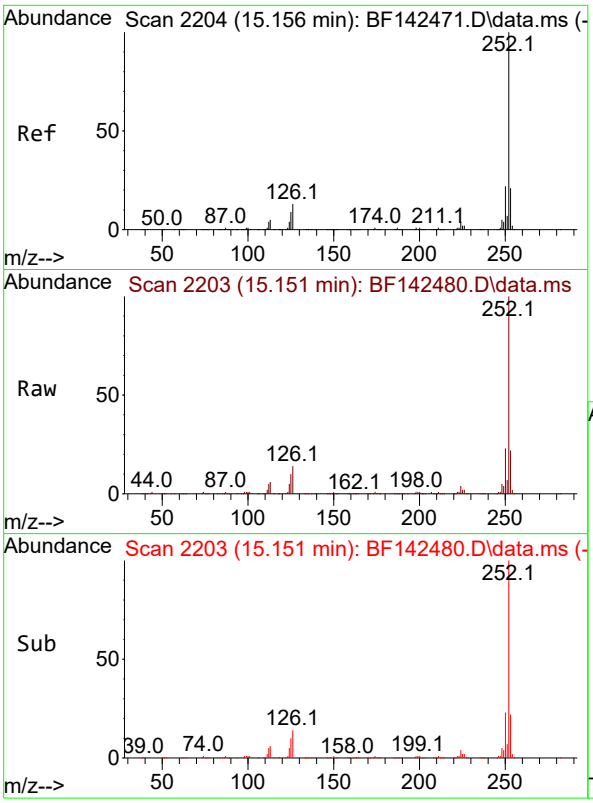


#88
Benzo(b)fluoranthene
Concen: 44.816 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:252 Resp: 609272

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.4
125	9.8	7.4	11.0



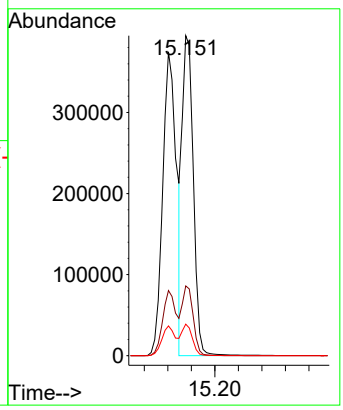


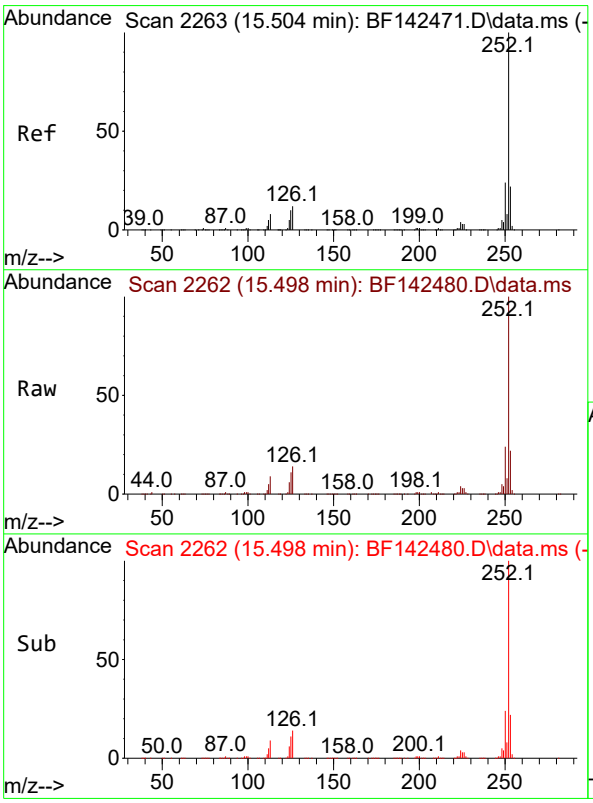
#89
Benzo(k)fluoranthene
Concen: 40.959 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:252 Resp: 521543

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.4
125	9.8	7.3	10.9

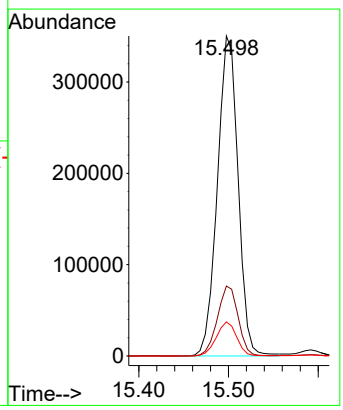


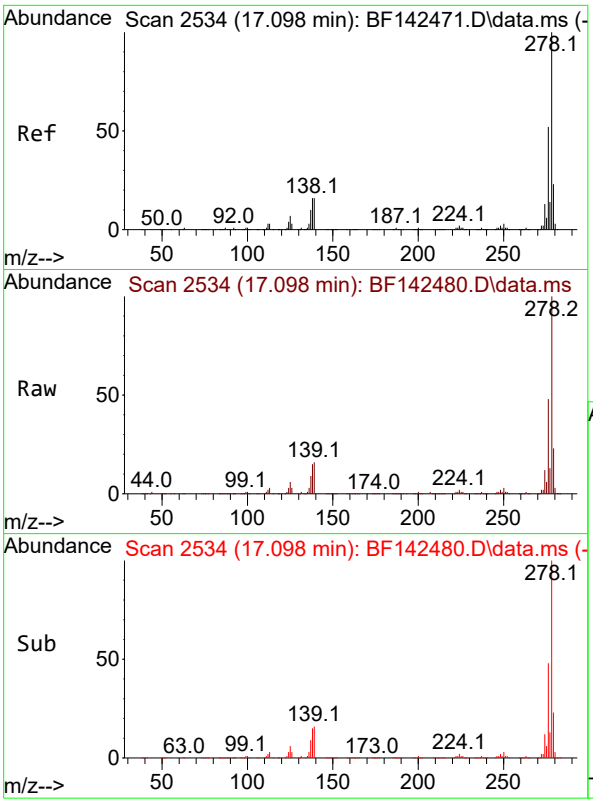


#90
Benzo(a)pyrene
Concen: 43.852 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:252 Resp: 561953

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.7	7.9	11.9



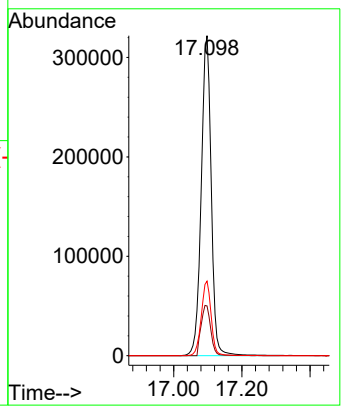


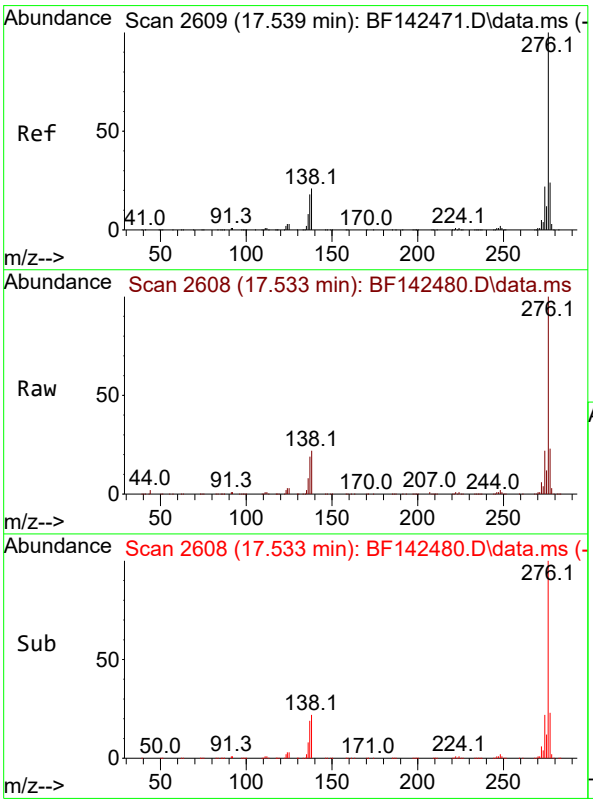
#91
Dibenzo(a,h)anthracene
Concen: 47.014 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Instrument :
BNA_F
ClientSampleId :
PB168083BS

Tgt Ion:278 Resp: 657561

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.8	19.2
279	23.3	18.6	28.0

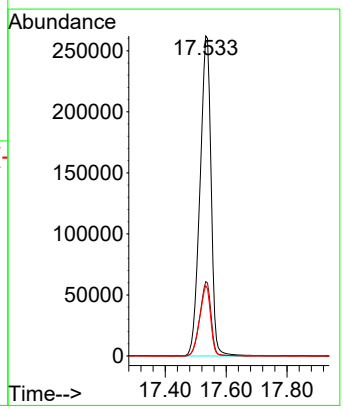




#92
Benzo(g,h,i)perylene
Concen: 47.503 ng
RT: 17.533 min Scan# 2608
Delta R.T. -0.024 min
Lab File: BF142480.D
Acq: 21 May 2025 11:37

Tgt Ion:276 Resp: 664539

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	21.9	16.8	25.2



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168098BS	SDG No.:	Q2075
Lab Sample ID:	PB168098BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	43.0		0.50	5.00	ug/L
208-96-8	Acenaphthylene	42.4		0.75	5.00	ug/L
83-32-9	Acenaphthene	42.1		0.55	5.00	ug/L
86-73-7	Fluorene	44.1		0.63	5.00	ug/L
85-01-8	Phenanthrene	43.2		0.50	5.00	ug/L
120-12-7	Anthracene	44.5		0.61	5.00	ug/L
206-44-0	Fluoranthene	46.0		0.82	5.00	ug/L
129-00-0	Pyrene	44.5		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	43.9		0.45	5.00	ug/L
218-01-9	Chrysene	44.1		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	44.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.0		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	44.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	72.8		49 - 133	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.3		52 - 132	76%	SPK: 100
1718-51-0	Terphenyl-d14	77.9		48 - 125	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	115000	7.652			
1146-65-2	Naphthalene-d8	452000	10.422			
15067-26-2	Acenaphthene-d10	283000	14.287			
1517-22-2	Phenanthrene-d10	569000	17.087			
1719-03-5	Chrysene-d12	655000	21.522			
1520-96-3	Perylene-d12	755000	24.821			

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168098BS			SDG No.:	Q2075
Lab Sample ID:	PB168098BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024755.D	1	05/21/25 08:40	05/22/25 12:18	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	114889	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	451979	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	283120	20.000	ng		-0.02
64) Phenanthrene-d10	17.087	188	568580	20.000	ng		-0.01
76) Chrysene-d12	21.522	240	655197	20.000	ng		0.00
86) Perylene-d12	24.821	264	754804	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	867127	129.090	ng		0.00
7) Phenol-d6	6.858	99	1057180	123.315	ng		0.00
23) Nitrobenzene-d5	8.805	82	651125	72.789	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	680647	141.810	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1649799	76.344	ng		0.00
79) Terphenyl-d14	19.810	244	2976627	77.900	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	98847	31.338	ng		98
3) Pyridine	3.617	79	239621	34.261	ng		97
4) n-Nitrosodimethylamine	3.528	42	124929	40.460	ng		94
6) Aniline	6.993	93	218881	19.775	ng		97
8) 2-Chlorophenol	7.234	128	341699	44.810	ng		97
9) Benzaldehyde	6.811	77	190341	34.298	ng		98
10) Phenol	6.881	94	377815	42.699	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	272267	37.447	ng		99
12) 1,3-Dichlorobenzene	7.540	146	357815	40.785	ng		99
13) 1,4-Dichlorobenzene	7.687	146	366569	41.544	ng		100
14) 1,2-Dichlorobenzene	7.999	146	353360	41.098	ng		98
15) Benzyl Alcohol	7.899	79	276507	42.443	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	322660	37.056	ng		98
17) 2-Methylphenol	8.111	107	269118	42.405	ng		99
18) Hexachloroethane	8.716	117	135259	40.002	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	213658	36.029	ng		98
20) 3+4-Methylphenols	8.440	107	358510	41.529	ng		99
22) Acetophenone	8.469	105	469924	41.622	ng	#	99
24) Nitrobenzene	8.846	77	325051	41.292	ng		95
25) Isophorone	9.363	82	601615	38.772	ng		98
26) 2-Nitrophenol	9.546	139	182128	47.215	ng		99
27) 2,4-Dimethylphenol	9.622	122	307524	45.217	ng		99
28) bis(2-Chloroethoxy)met...	9.840	93	366188	39.501	ng		99
29) 2,4-Dichlorophenol	10.093	162	308337	46.784	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	324103	43.639	ng		98
31) Naphthalene	10.469	128	1006478	42.972	ng		100
32) Benzoic acid	9.799	122	216738m	46.123	ng		
33) 4-Chloroaniline	10.599	127	163881	17.339	ng		99
34) Hexachlorobutadiene	10.752	225	212260	44.118	ng		98
35) Caprolactam	11.393	113	101647	42.629	ng		99
36) 4-Chloro-3-methylphenol	11.740	107	356727	44.385	ng		100
37) 2-Methylnaphthalene	12.087	142	630369	41.565	ng		99
38) 1-Methylnaphthalene	12.304	142	667666	41.145	ng		100
40) 1,2,4,5-Tetrachloroben...	12.457	216	369018	44.885	ng		100
41) Hexachlorocyclopentadiene	12.434	237	401704	80.579	ng		99
43) 2,4,6-Trichlorophenol	12.710	196	254724	47.834	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

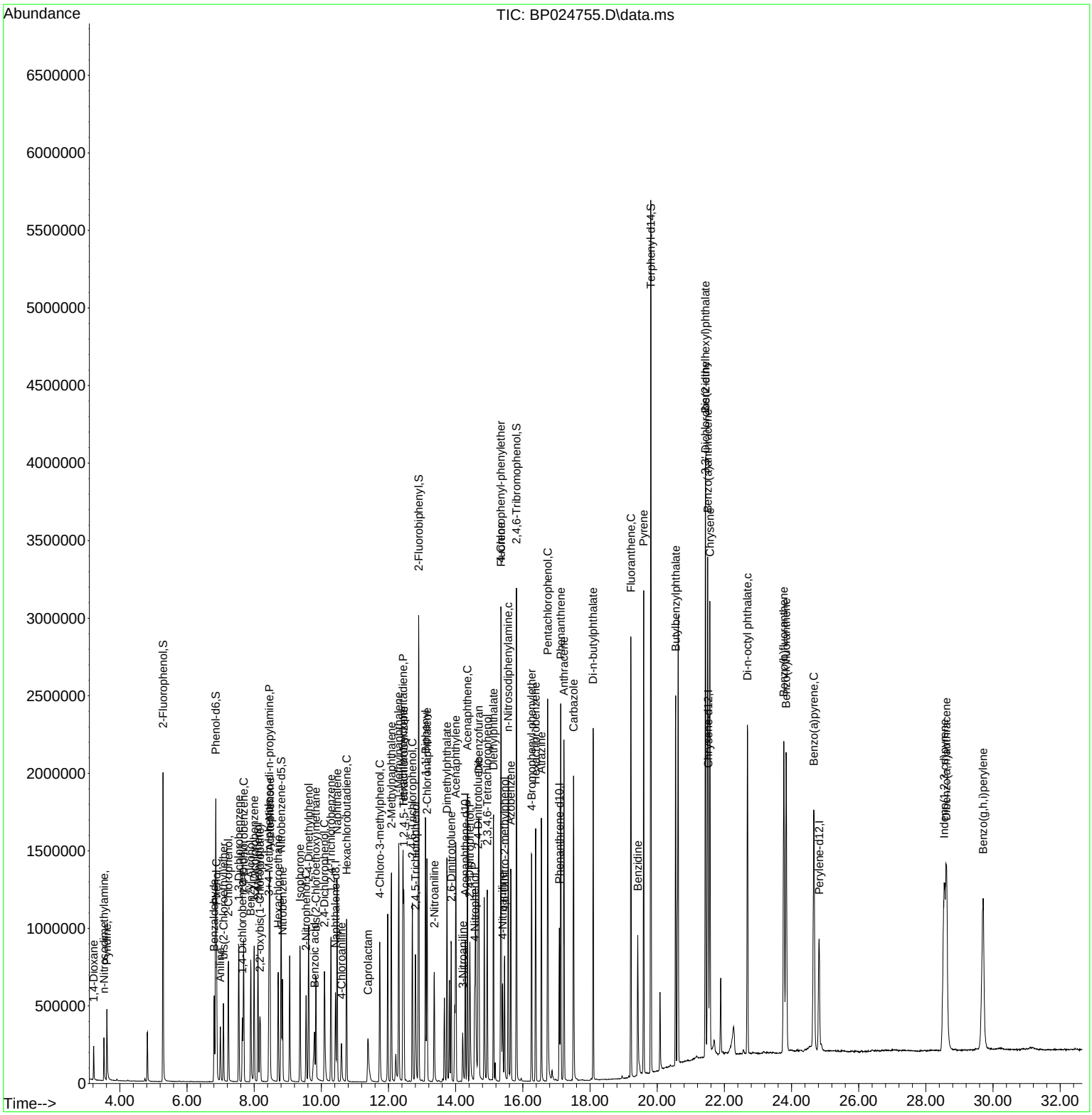
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	275492	46.476	ng		96
46) 1,1'-Biphenyl	13.104	154	898517	42.938	ng		99
47) 2-Chloronaphthalene	13.146	162	691903	43.365	ng		100
48) 2-Nitroaniline	13.363	65	202885	42.950	ng		95
49) Acenaphthylene	14.004	152	1133108	42.437	ng		99
50) Dimethylphthalate	13.740	163	908339	42.093	ng		100
51) 2,6-Dinitrotoluene	13.869	165	199396	43.751	ng		98
52) Acenaphthene	14.351	154	646760	42.134	ng		99
53) 3-Nitroaniline	14.210	138	95294	20.478	ng		98
54) 2,4-Dinitrophenol	14.422	184	262431	90.411	ng		98
55) Dibenzofuran	14.687	168	1059440	43.271	ng		99
56) 4-Nitrophenol	14.569	139	313522	77.936	ng		97
57) 2,4-Dinitrotoluene	14.669	165	298529	46.462	ng		96
58) Fluorene	15.351	166	879435	44.051	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.940	232	251432	45.726	ng		97
60) Diethylphthalate	15.128	149	949347	43.527	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	437310	43.923	ng		97
62) 4-Nitroaniline	15.398	138	208254m	46.348	ng		
63) Azobenzene	15.640	77	764105	40.952	ng		97
65) 4,6-Dinitro-2-methylph...	15.457	198	172573	46.989	ng		97
66) n-Nitrosodiphenylamine	15.563	169	767455	43.944	ng		98
67) 4-Bromophenyl-phenylether	16.263	248	306650	45.770	ng		96
68) Hexachlorobenzene	16.381	284	387062	45.465	ng		97
69) Atrazine	16.551	200	296861	46.383	ng		98
70) Pentachlorophenol	16.739	266	505930	105.866	ng		98
71) Phenanthrene	17.128	178	1366718	43.239	ng		100
72) Anthracene	17.222	178	1415016	44.495	ng		100
73) Carbazole	17.510	167	1309469	45.494	ng		99
74) Di-n-butylphthalate	18.092	149	1657555	44.777	ng		99
75) Fluoranthene	19.216	202	1698716	45.976	ng		99
77) Benzidine	19.422	184	600097	33.628	ng		100
78) Pyrene	19.598	202	1745500	44.462	ng		100
80) Butylbenzylphthalate	20.551	149	804165	46.059	ng		94
81) Benzo(a)anthracene	21.504	228	1807550	43.936	ng		99
82) 3,3'-Dichlorobenzidine	21.433	252	478160	31.292	ng		100
83) Chrysene	21.569	228	1721196	44.134	ng		100
84) Bis(2-ethylhexyl)phtha...	21.439	149	1135308	44.240	ng		99
85) Di-n-octyl phthalate	22.686	149	1942063	46.278	ng		99
87) Indeno(1,2,3-cd)pyrene	28.545	276	2517163	45.679	ng	#	91
88) Benzo(b)fluoranthene	23.769	252	1911502	44.244	ng		99
89) Benzo(k)fluoranthene	23.839	252	1959499	44.015	ng		100
90) Benzo(a)pyrene	24.663	252	1856955	44.753	ng		99
91) Dibenzo(a,h)anthracene	28.609	278	2060035	45.952	ng		98
92) Benzo(g,h,i)perylene	29.703	276	2002260	44.913	ng		98

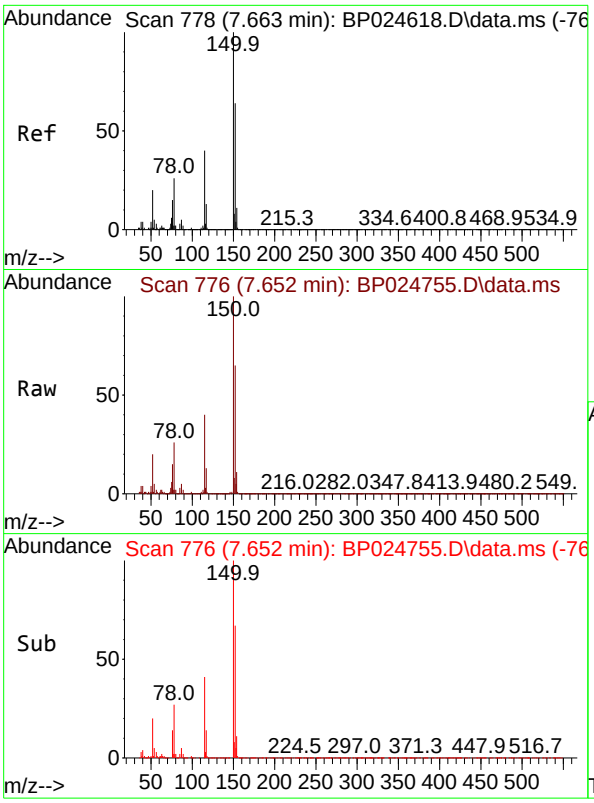
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024755.D
Acq On : 22 May 2025 12:18
Operator : RC/JU
Sample : PB168098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Quant Time: May 22 12:38:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



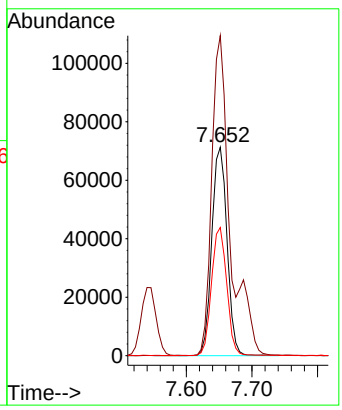


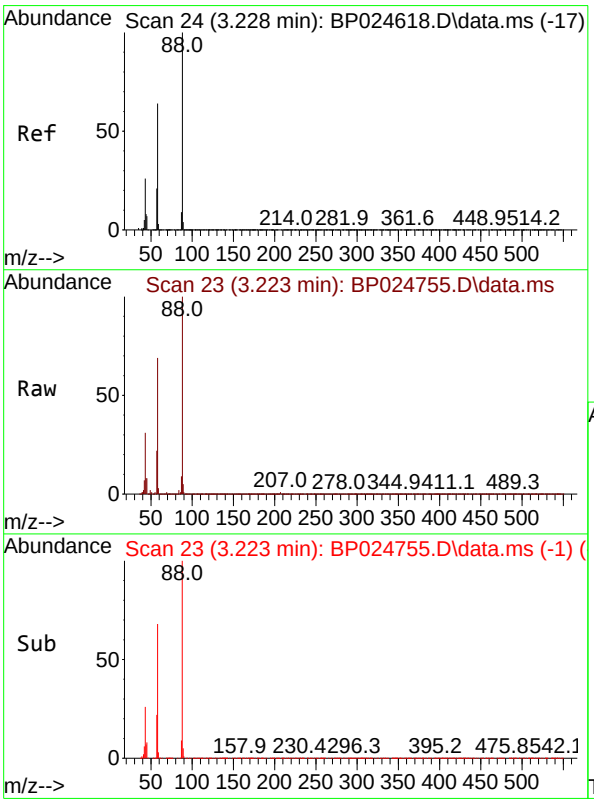
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:152 Resp: 114889

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.9	188.9
115	61.5	50.1	75.1

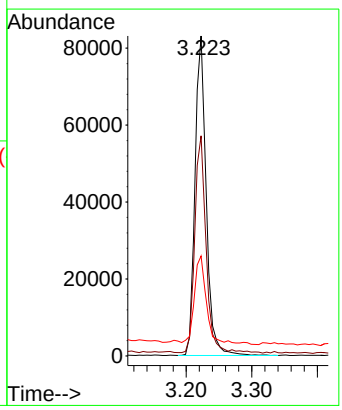


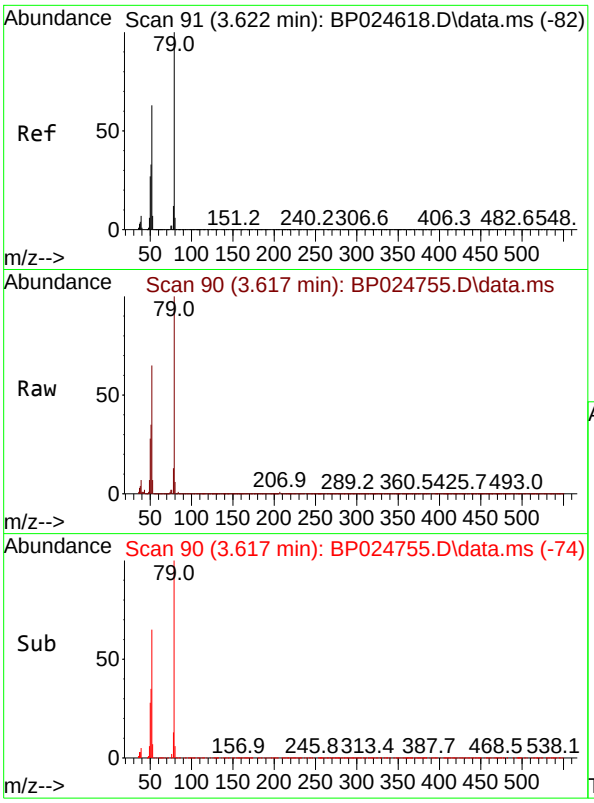


#2
1,4-Dioxane
Concen: 31.338 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 88 Resp: 98847

Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.0	81.0
43	28.1	21.4	32.0



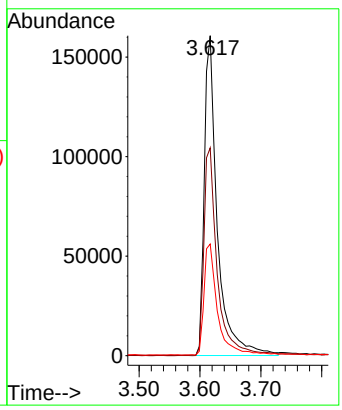


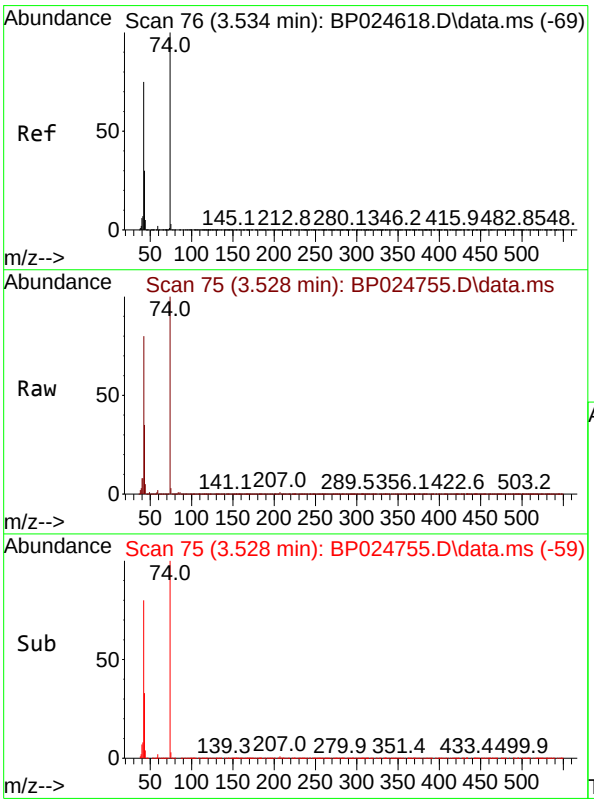
#3
Pyridine
Concen: 34.261 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 79 Resp: 239621

Ion	Ratio	Lower	Upper
79	100		
52	65.0	50.2	75.2
51	34.9	26.8	40.2

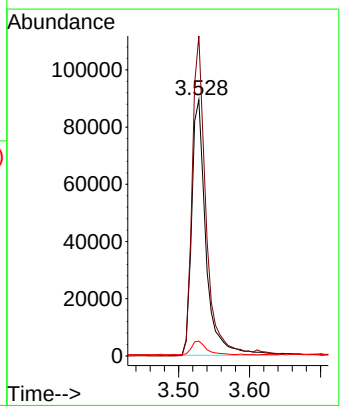


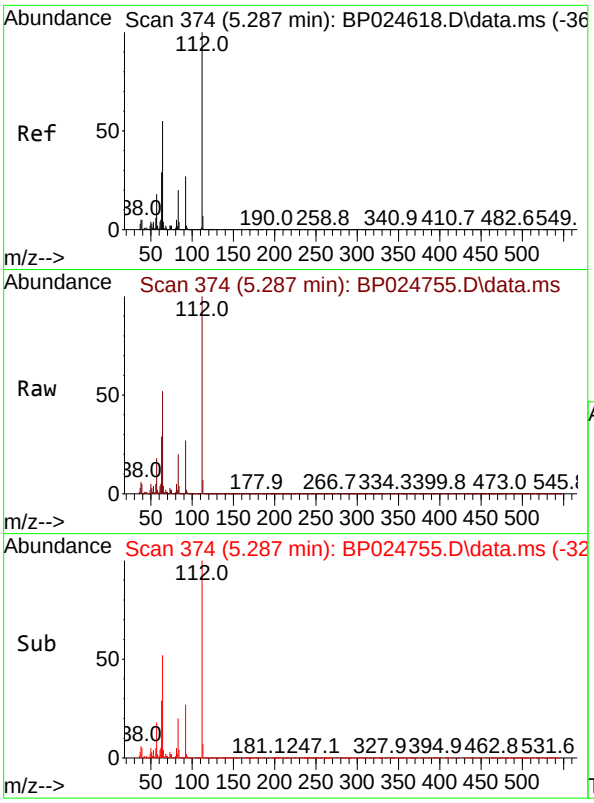


#4
n-Nitrosodimethylamine
Concen: 40.460 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 42 Resp: 124929

Ion	Ratio	Lower	Upper
42	100		
74	124.9	106.2	159.2
44	5.8	5.4	8.2



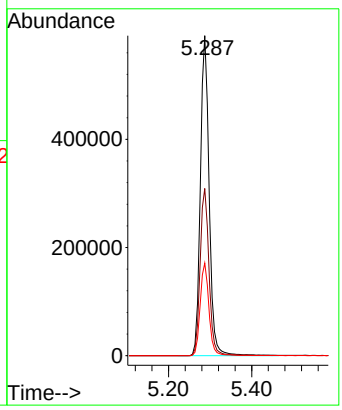


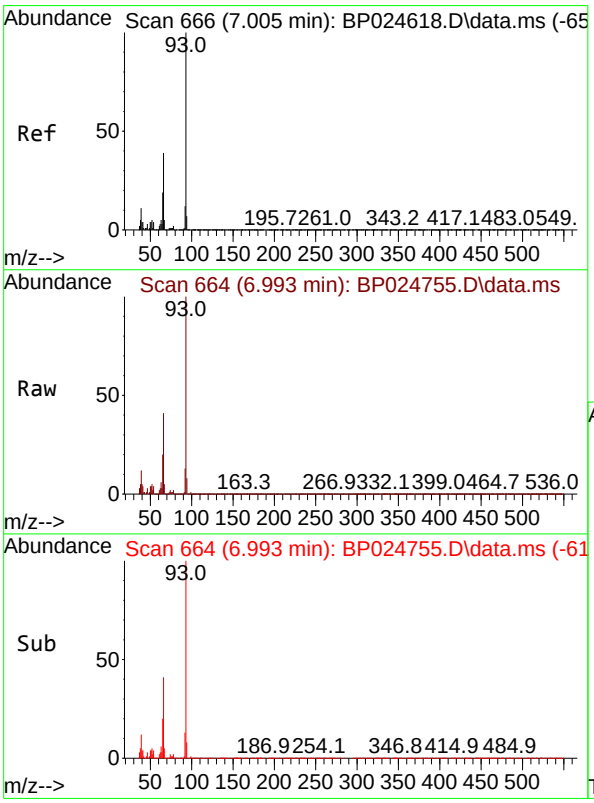
#5
2-Fluorophenol
Concen: 129.090 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:112 Resp: 867127

Ion	Ratio	Lower	Upper
112	100		
64	52.2	44.1	66.1
63	29.0	23.5	35.3

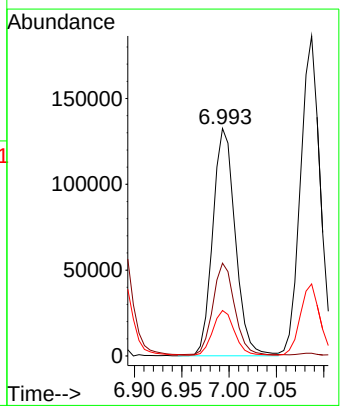


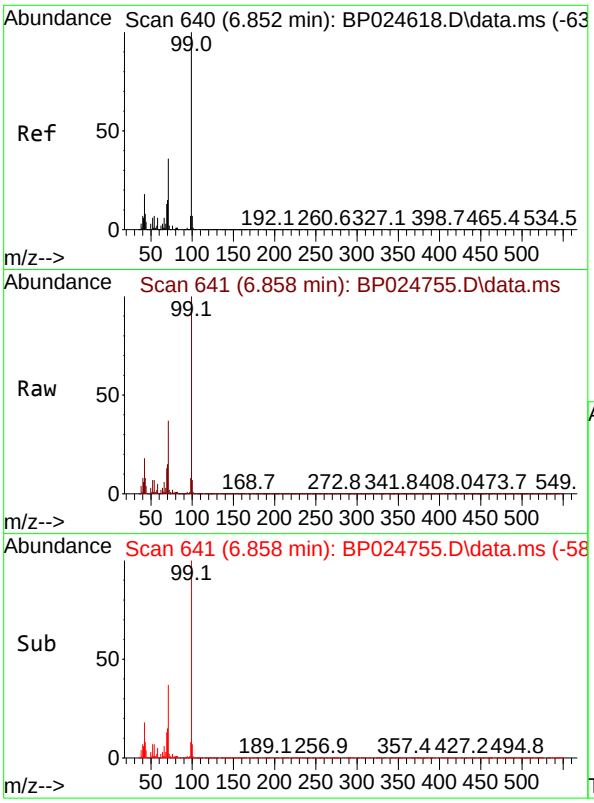


#6
Aniline
Concen: 19.775 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 93 Resp: 218881

Ion	Ratio	Lower	Upper
93	100		
66	40.8	31.0	46.6
65	20.0	15.5	23.3



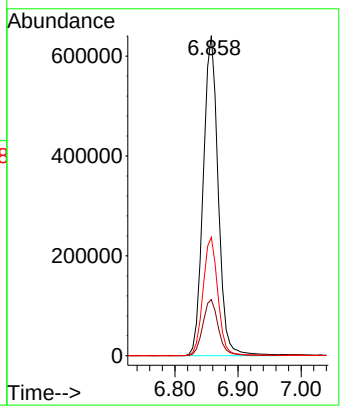


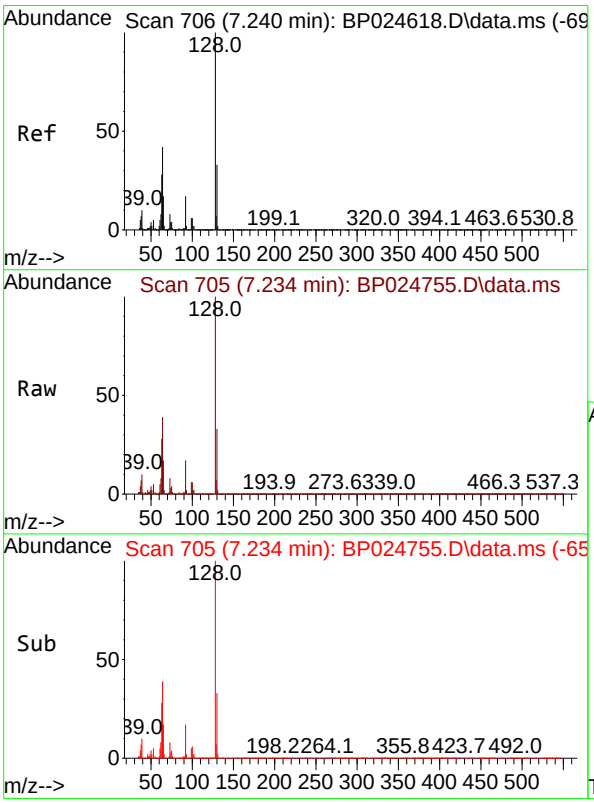
#7
Phenol-d6
Concen: 123.315 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 99 Resp: 1057180

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	37.0	29.2	43.8

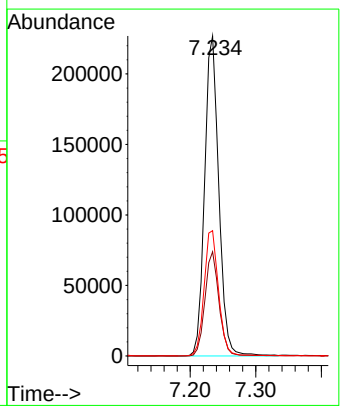


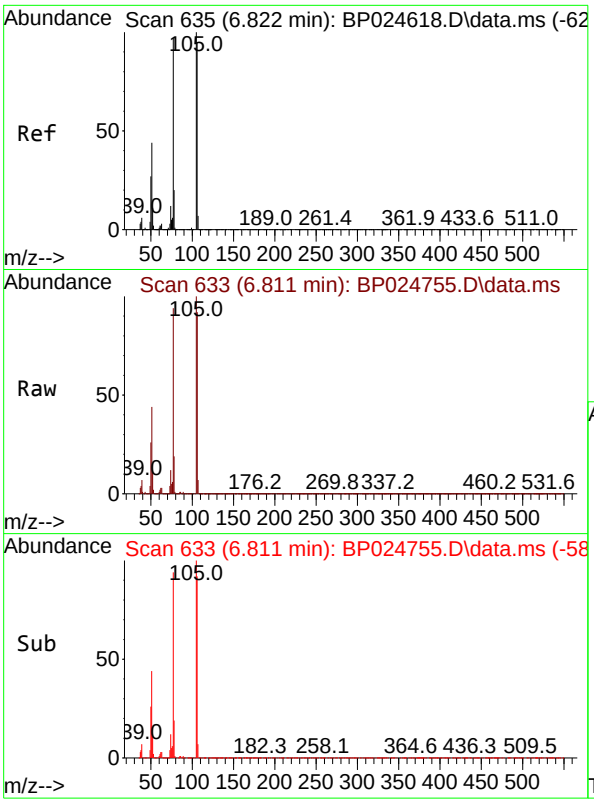


#8
2-Chlorophenol
Concen: 44.810 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:128 Resp: 341699

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	39.2	22.3	62.3



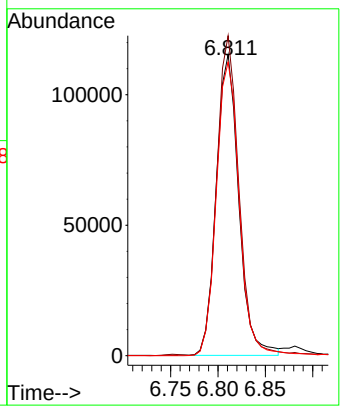


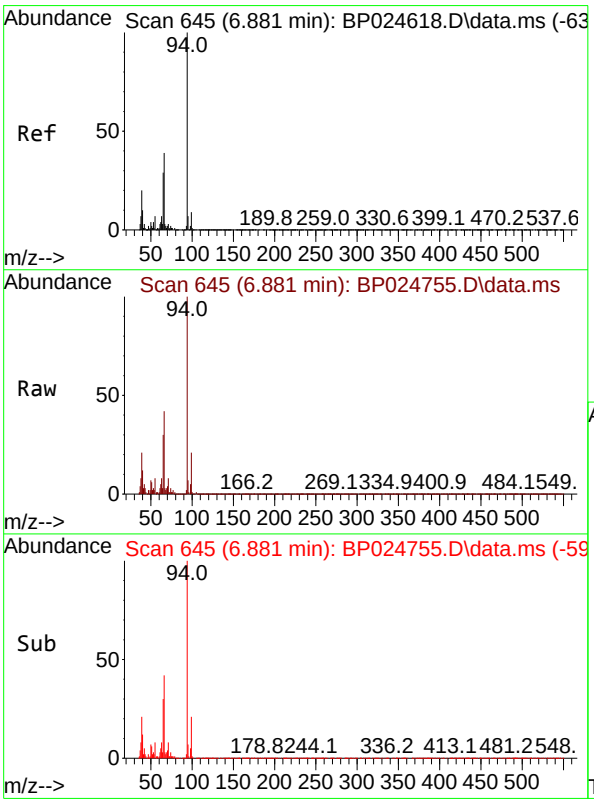
#9
Benzaldehyde
Concen: 34.298 ng
RT: 6.811 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 77 Resp: 190341

Ion	Ratio	Lower	Upper
77	100		
105	106.3	83.3	123.3
106	97.5	78.0	118.0

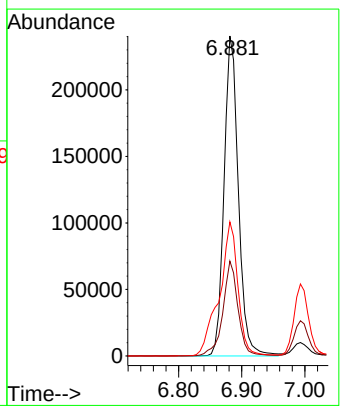


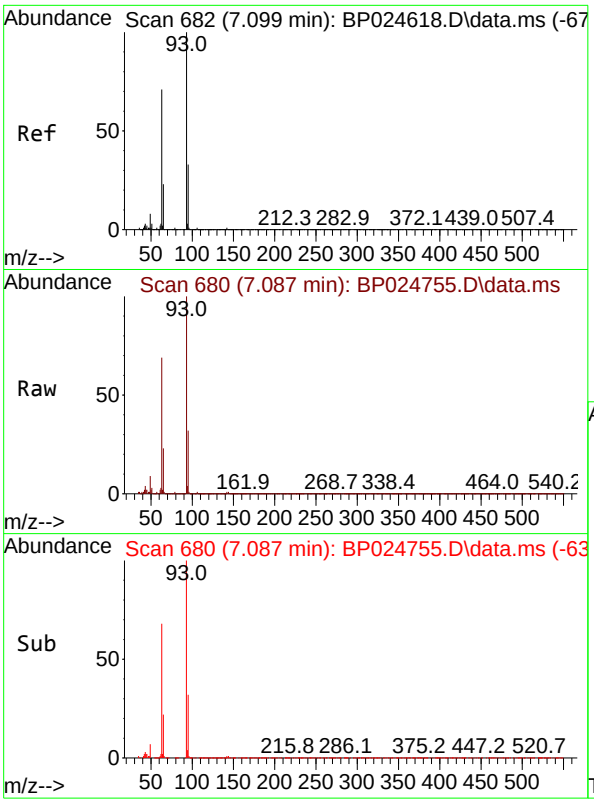


#10
Phenol
Concen: 42.699 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 94 Resp: 377815

Ion	Ratio	Lower	Upper
94	100		
65	29.7	8.7	48.7
66	41.9	19.4	59.4



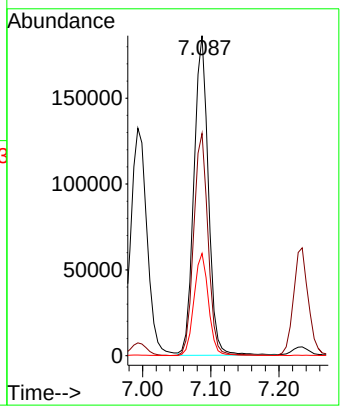


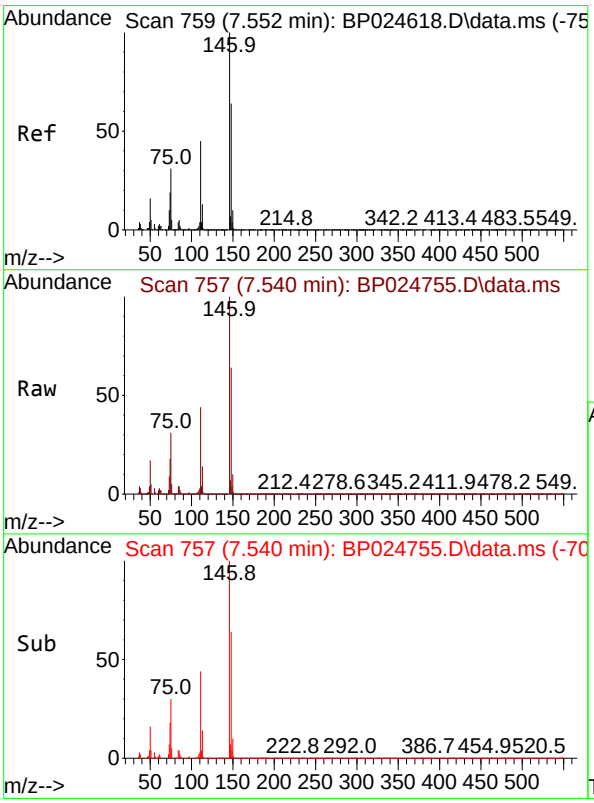
#11
bis(2-Chloroethyl)ether
Concen: 37.447 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 93 Resp: 272267

Ion	Ratio	Lower	Upper
93	100		
63	69.5	50.6	90.6
95	32.0	12.9	52.9

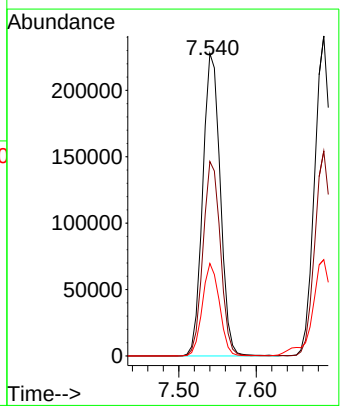


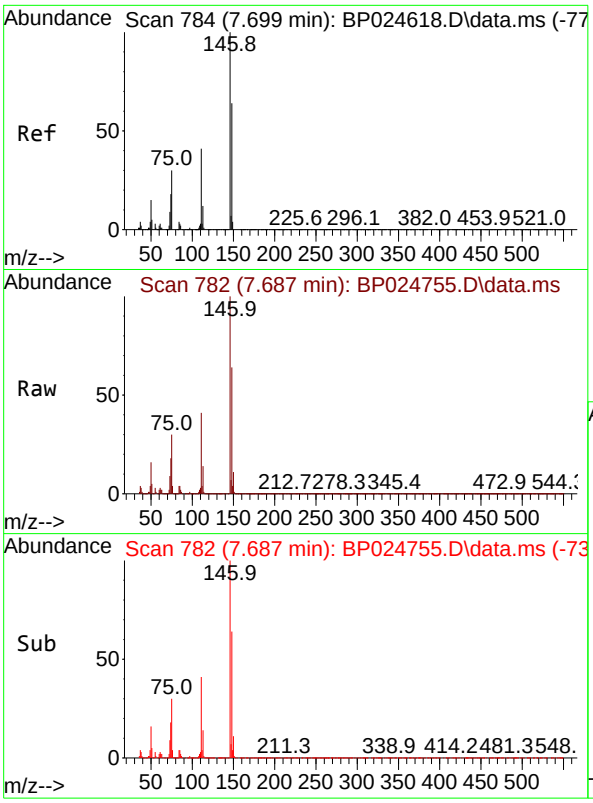


#12
1,3-Dichlorobenzene
Concen: 40.785 ng
RT: 7.540 min Scan# 757
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:146 Resp: 357815

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	30.6	25.2	37.8



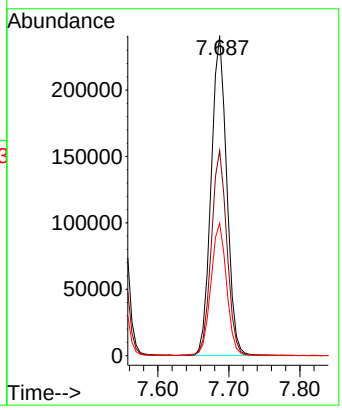


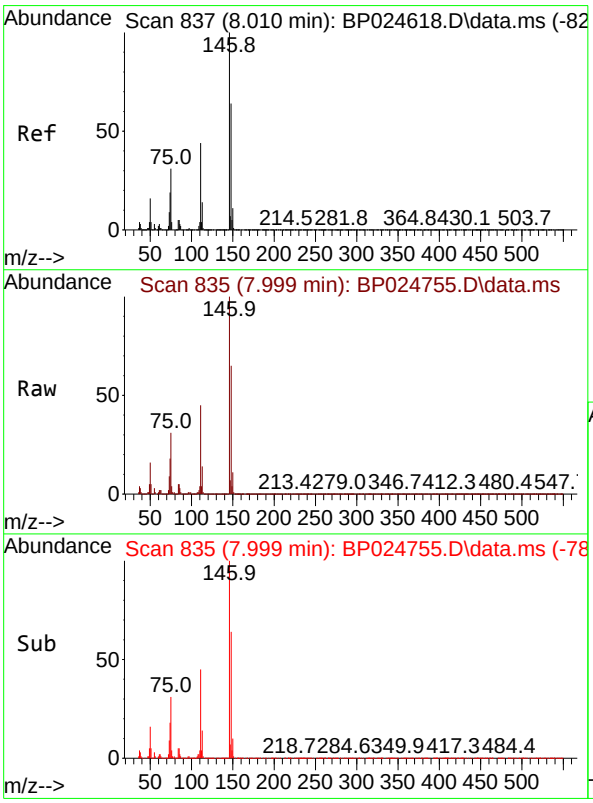
#13
1,4-Dichlorobenzene
Concen: 41.544 ng
RT: 7.687 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:146 Resp: 366569

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	41.4	33.0	49.6

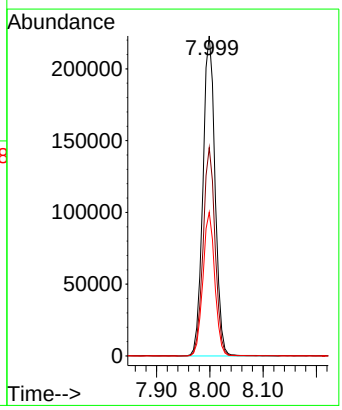


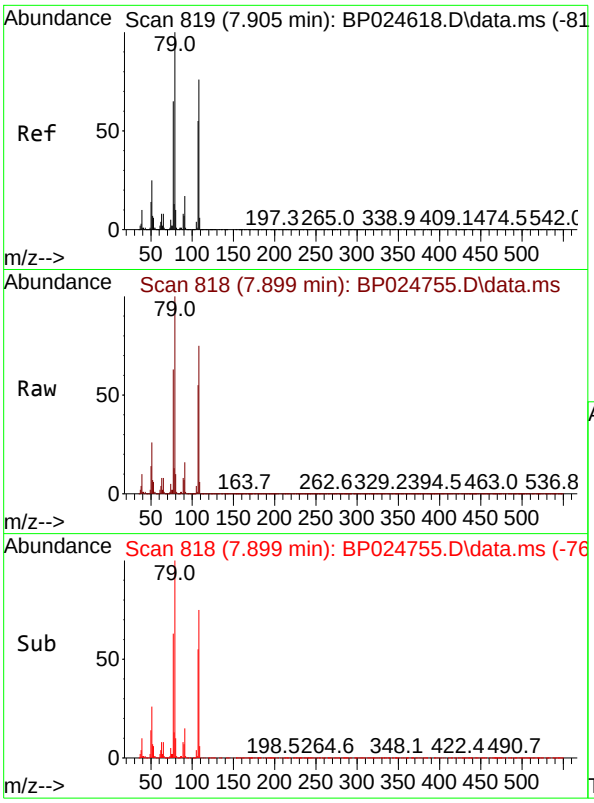


#14
1,2-Dichlorobenzene
Concen: 41.098 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:146 Resp: 353360

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.0	76.4
111	44.9	35.2	52.8



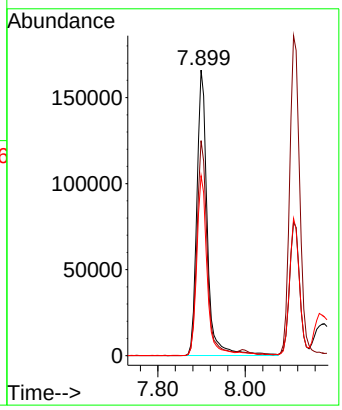


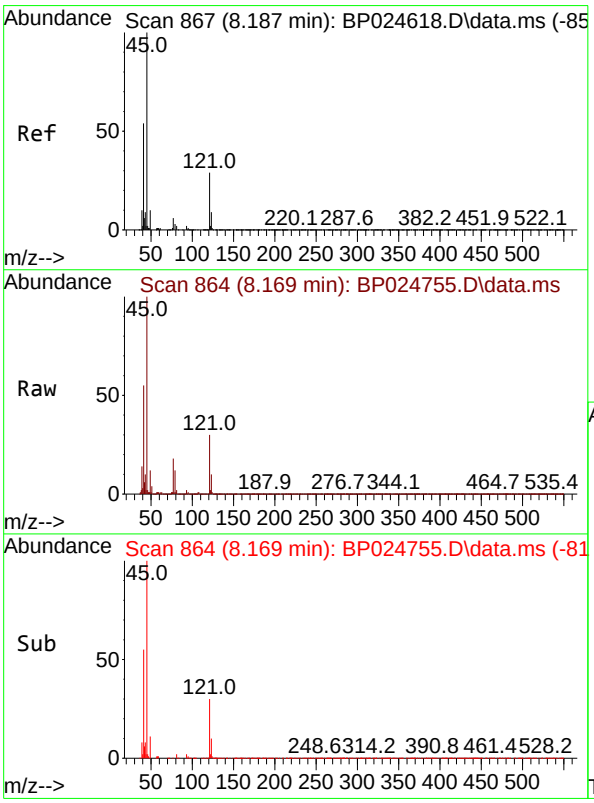
#15
Benzyl Alcohol
Concen: 42.443 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 79 Resp: 276507

Ion	Ratio	Lower	Upper
79	100		
108	75.3	60.8	91.2
77	63.0	51.9	77.9

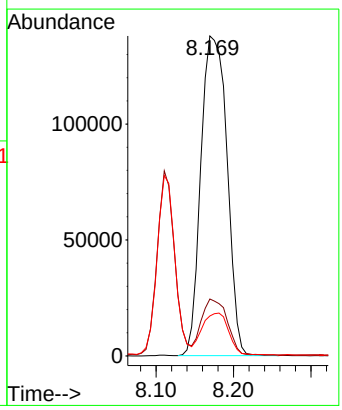


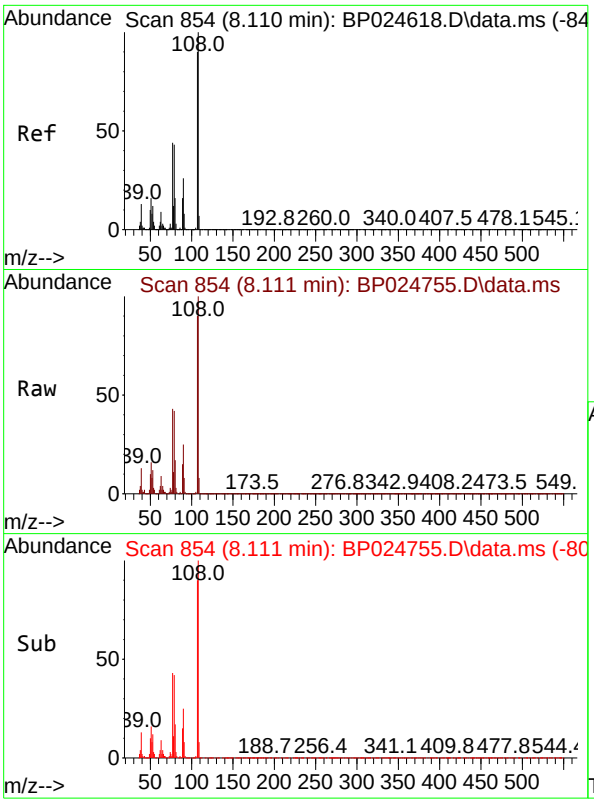


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.056 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 45 Resp: 322660

Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.7
79	12.5	0.0	34.0



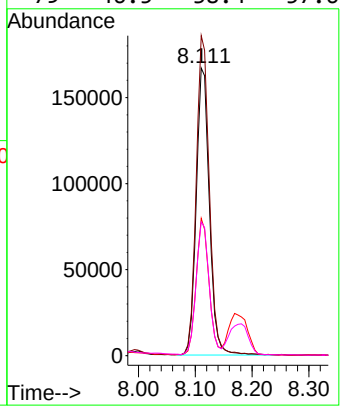


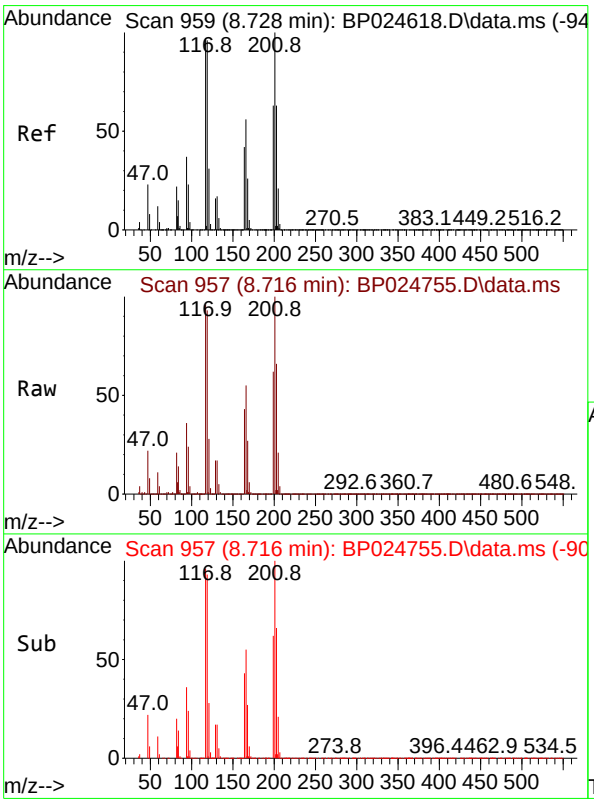
#17
2-Methylphenol
Concen: 42.405 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:107 Resp: 269118

Ion	Ratio	Lower	Upper
107	100		
108	111.2	88.9	133.3
77	47.7	39.0	58.6
79	46.5	38.4	57.6

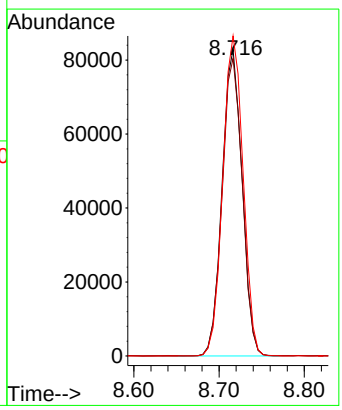


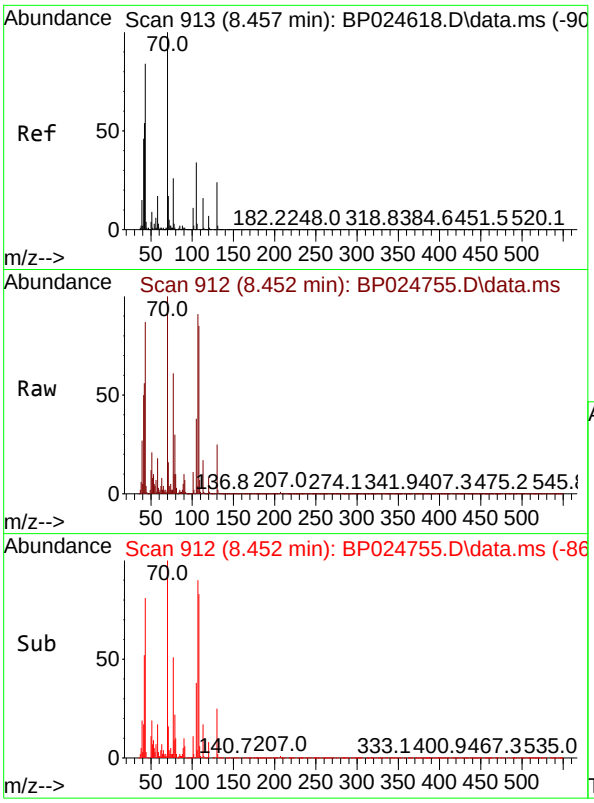


#18
Hexachloroethane
Concen: 40.002 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:117 Resp: 135259

Ion	Ratio	Lower	Upper
117	100		
119	97.0	79.4	119.0
201	104.4	82.7	124.1



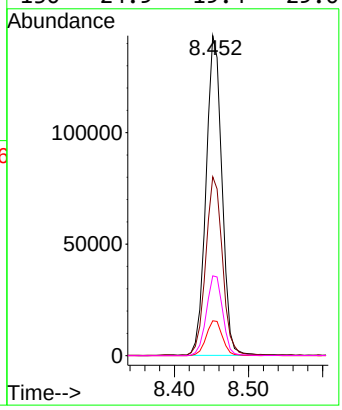


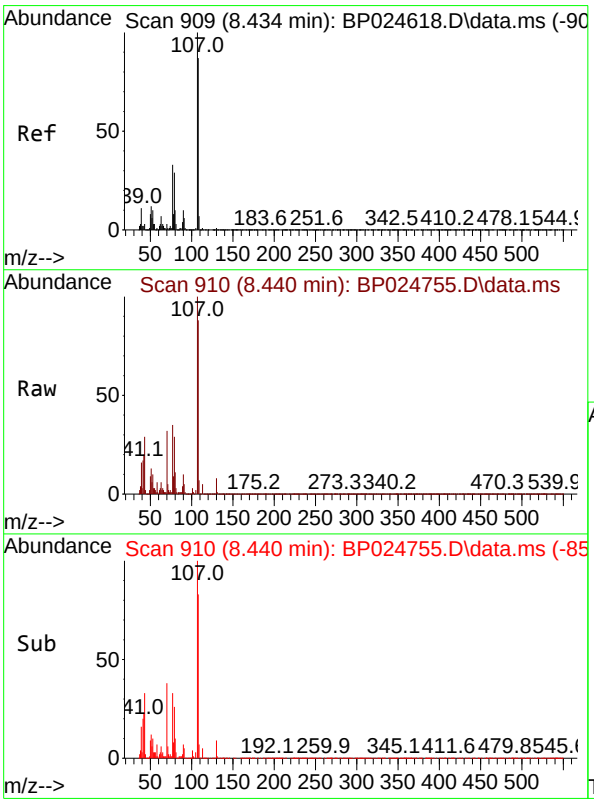
#19
n-Nitroso-di-n-propylamine
Concen: 36.029 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 70 Resp: 213658

Ion	Ratio	Lower	Upper
70	100		
42	55.9	43.0	64.6
101	10.9	8.7	13.1
130	24.9	19.4	29.0

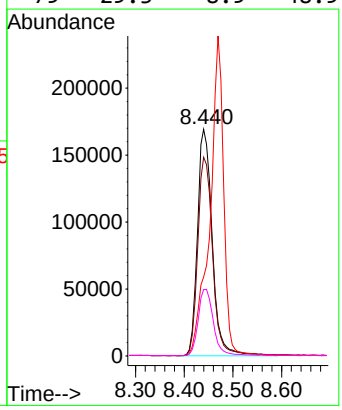


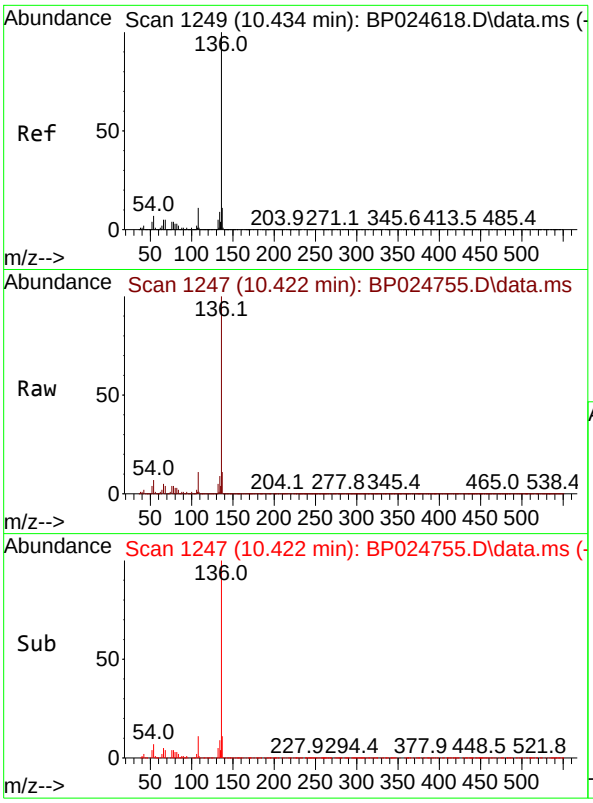


#20
3+4-Methylphenols
Concen: 41.529 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:107 Resp: 358510

Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.7	106.7
77	34.9	13.1	53.1
79	29.3	8.9	48.9



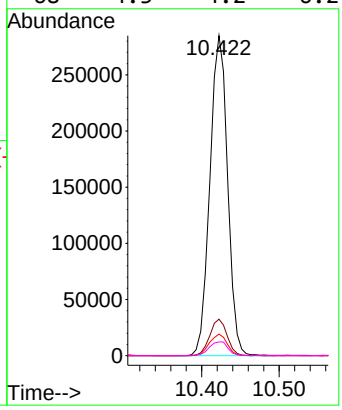


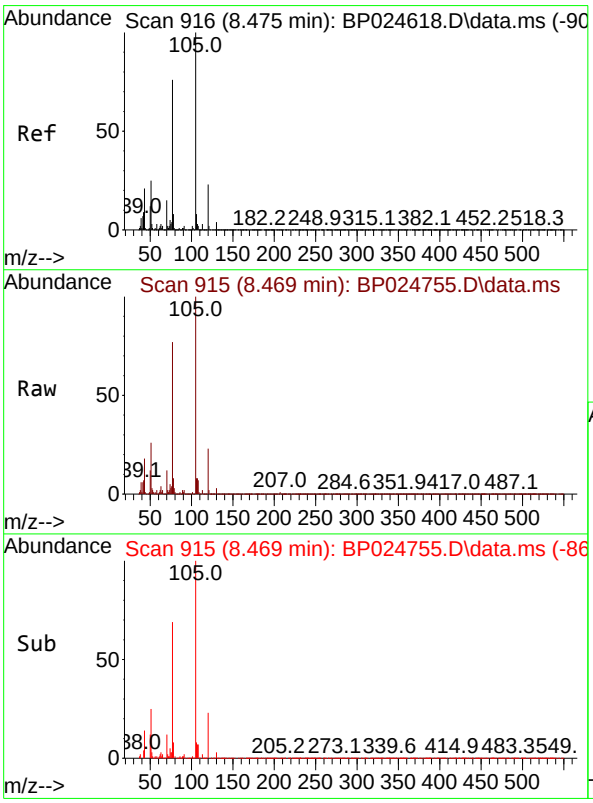
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:136 Resp: 451979

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	6.7	5.5	8.3
68	4.3	4.2	6.2

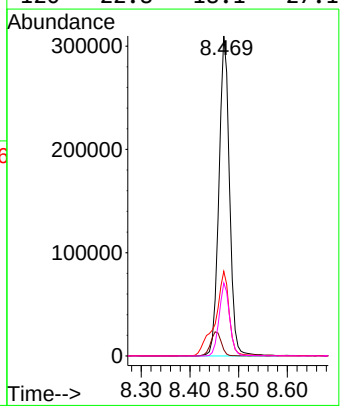


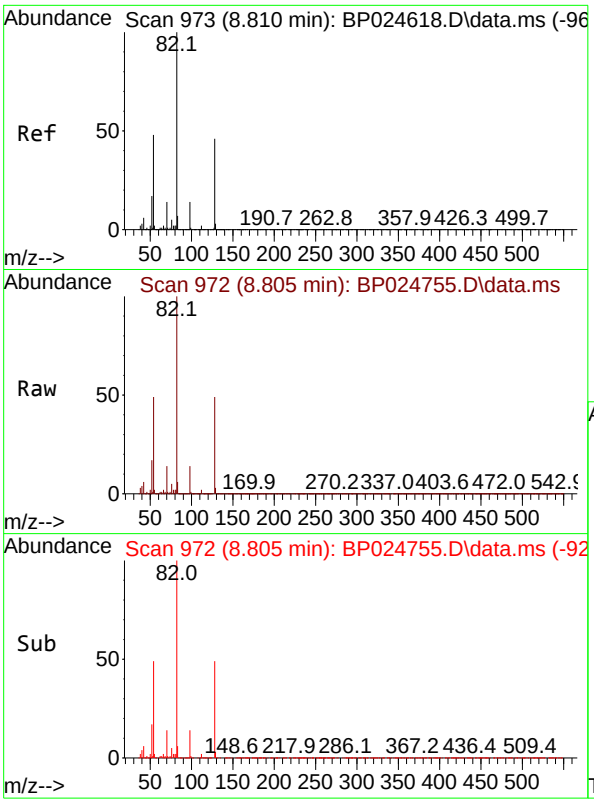


#22
Acetophenone
Concen: 41.622 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:105 Resp: 469924

Ion	Ratio	Lower	Upper
105	100		
71	2.0	2.0	3.0#
51	26.4	20.4	30.6
120	22.8	18.1	27.1



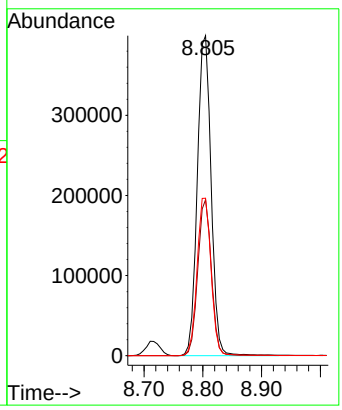


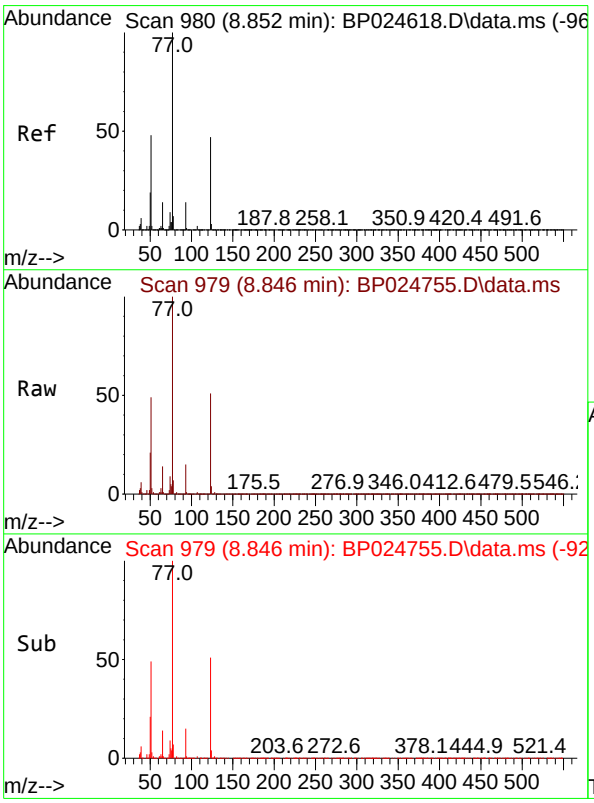
#23
Nitrobenzene-d5
Concen: 72.789 ng
RT: 8.805 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 82 Resp: 651125

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	49.2	38.7	58.1

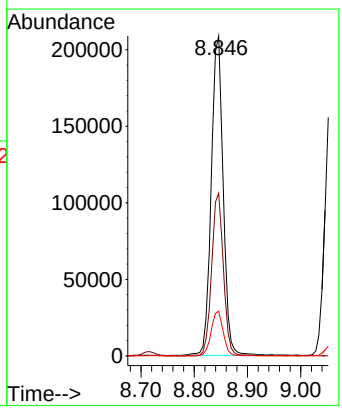


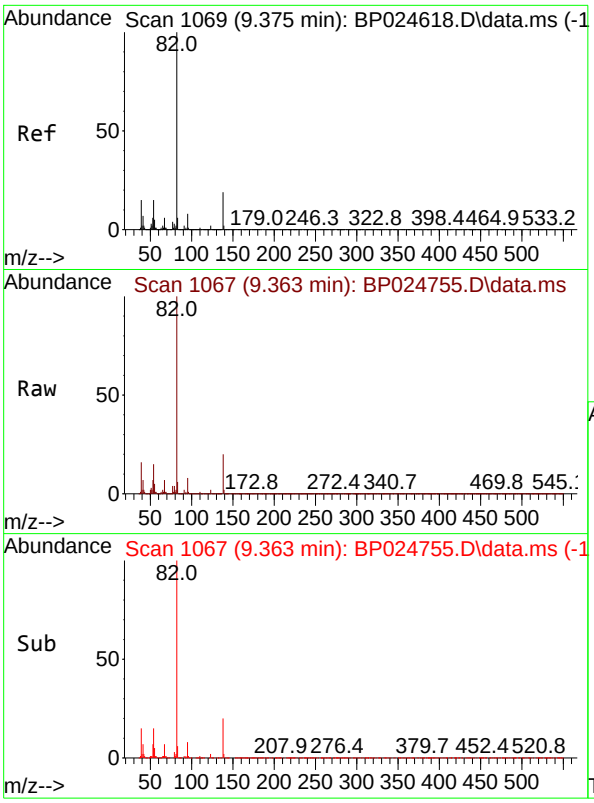


#24
Nitrobenzene
Concen: 41.292 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 77 Resp: 325051

Ion	Ratio	Lower	Upper
77	100		
123	50.9	37.4	56.0
65	14.0	11.3	16.9



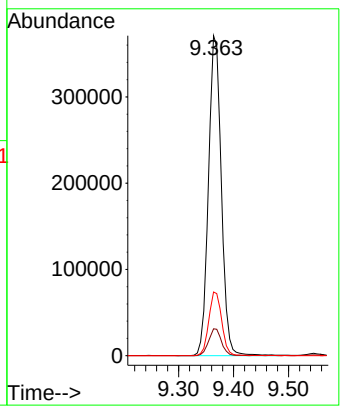


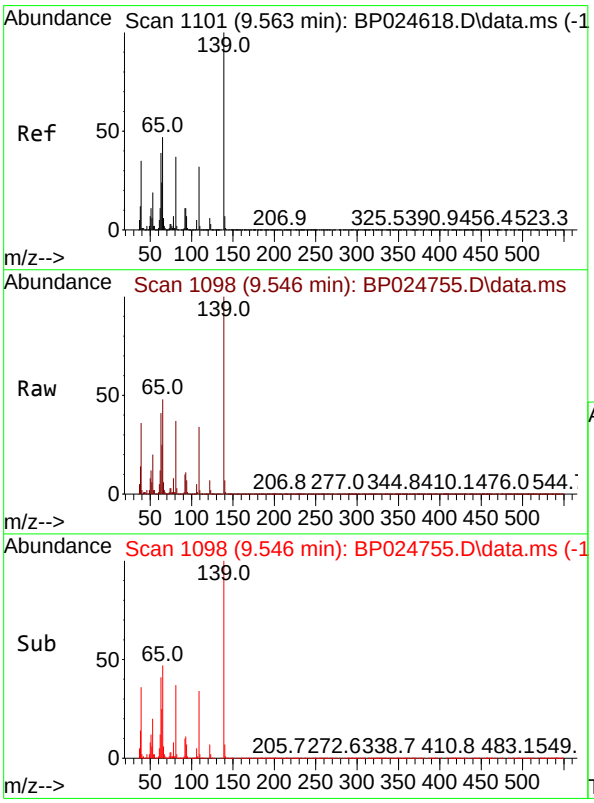
#25
Isophorone
Concen: 38.772 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 82 Resp: 601615

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	19.9	15.3	22.9

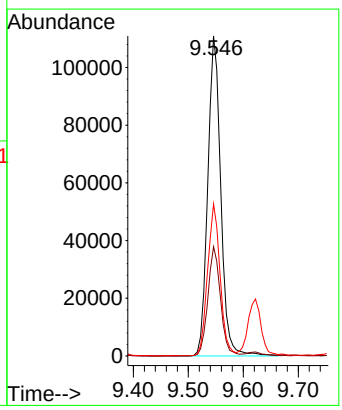


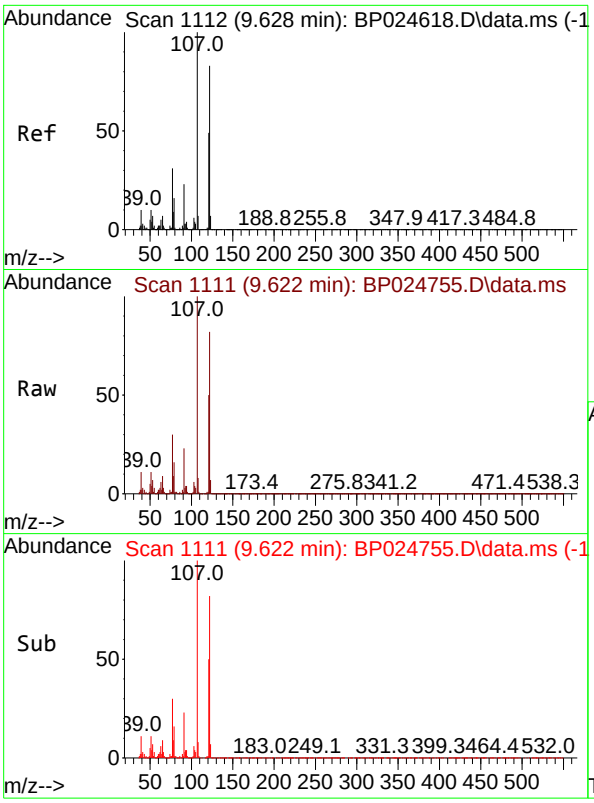


#26
2-Nitrophenol
Concen: 47.215 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:139 Resp: 182128

Ion	Ratio	Lower	Upper
139	100		
109	34.1	25.9	38.9
65	47.5	37.9	56.9



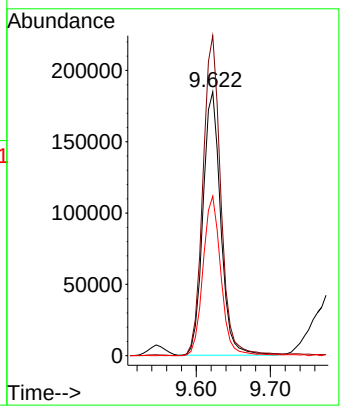


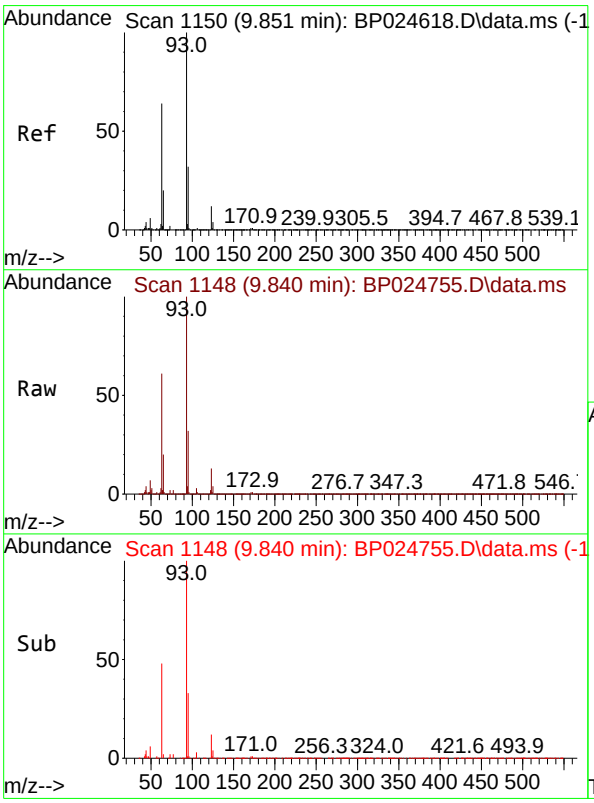
#27
2,4-Dimethylphenol
Concen: 45.217 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:122 Resp: 307524

Ion	Ratio	Lower	Upper
122	100		
107	121.3	96.2	144.2
121	60.5	47.6	71.4

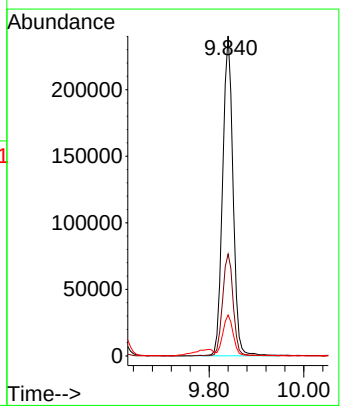


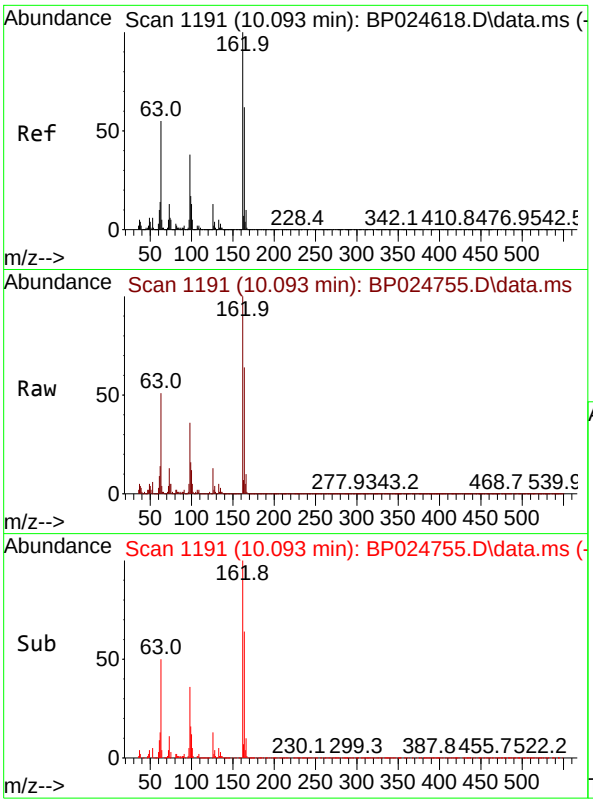


#28
bis(2-Chloroethoxy)methane
Concen: 39.501 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 93 Resp: 366188

Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	12.8	9.7	14.5



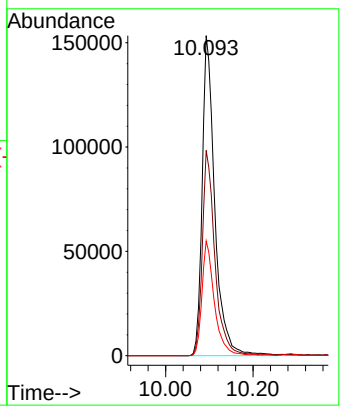


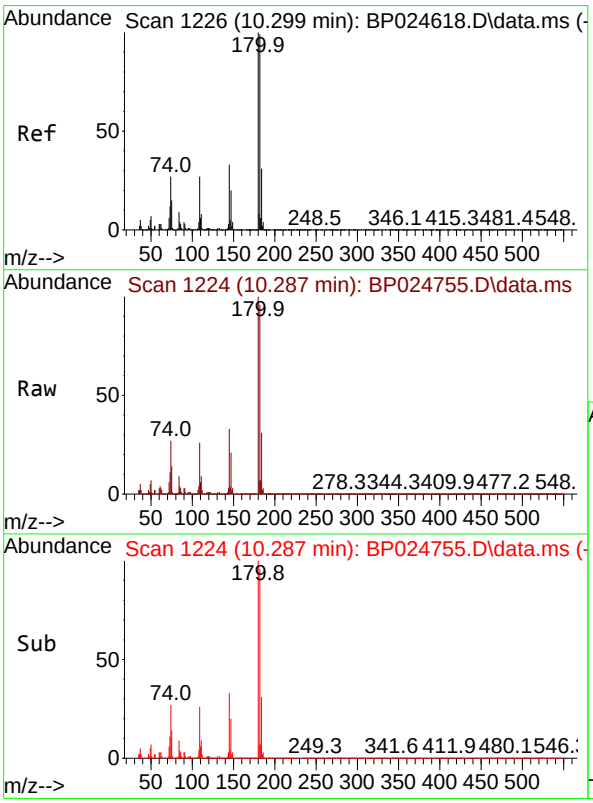
#29
2,4-Dichlorophenol
Concen: 46.784 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:162 Resp: 308337

Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	35.9	18.4	58.4

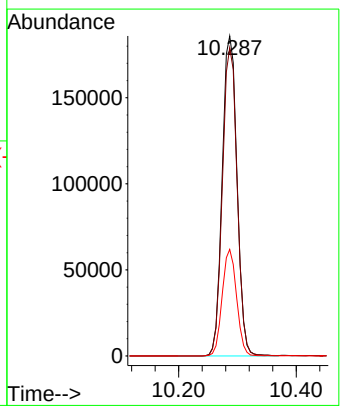


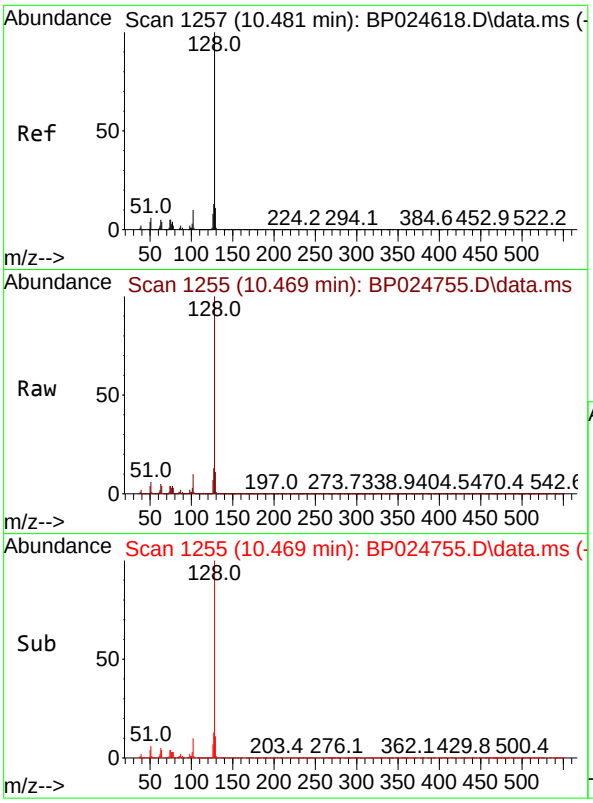


#30
1,2,4-Trichlorobenzene
Concen: 43.639 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:180 Resp: 324103

Ion	Ratio	Lower	Upper
180	100		
182	96.3	79.0	118.4
145	33.3	26.6	39.8



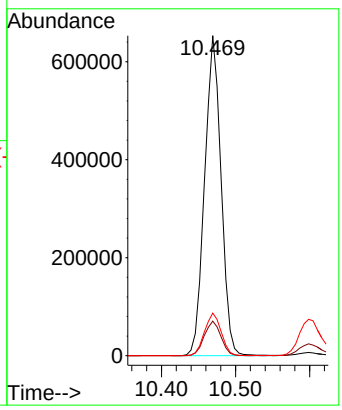


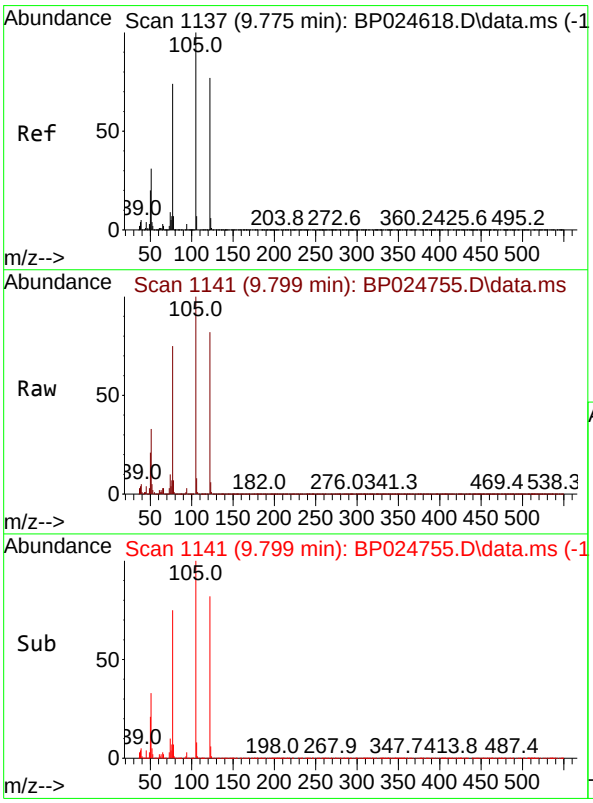
#31
Naphthalene
Concen: 42.972 ng
RT: 10.469 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:128 Resp: 1006478

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.7	16.1

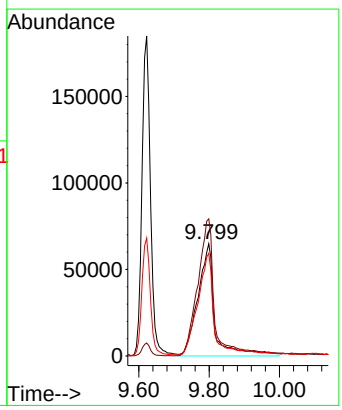


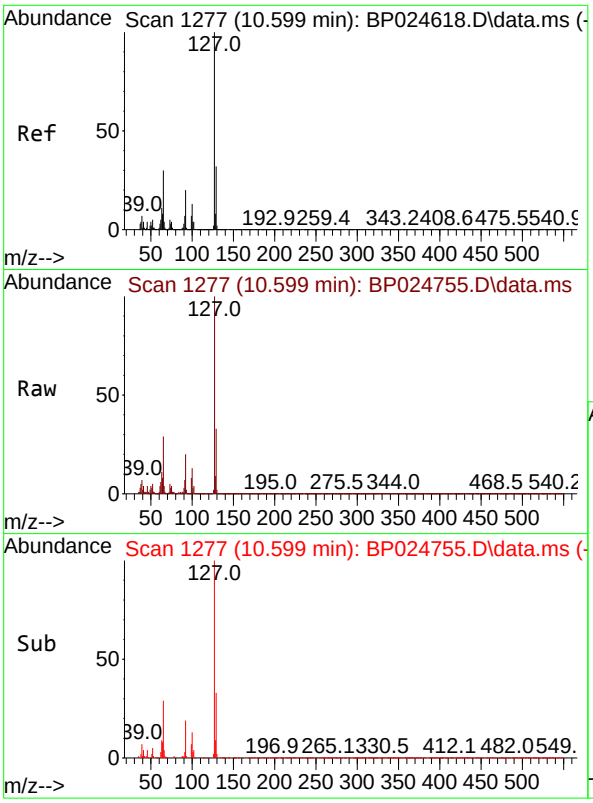


#32
Benzoic acid
Concen: 46.123 ng m
RT: 9.799 min Scan# 1141
Delta R.T. 0.024 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:122 Resp: 216738

Ion	Ratio	Lower	Upper
122	100		
105	122.2	106.9	146.9
77	91.5	75.1	115.1



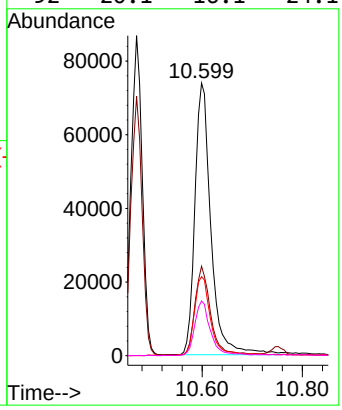


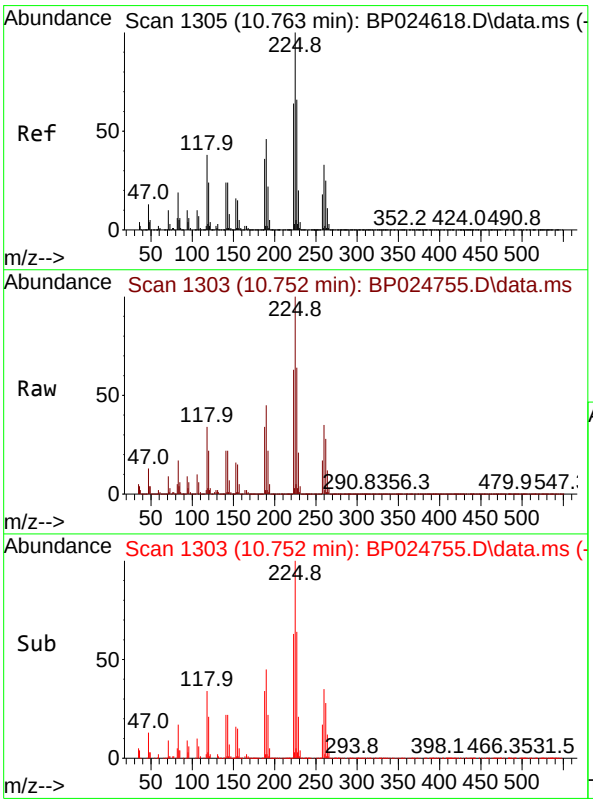
#33
4-Chloroaniline
Concen: 17.339 ng
RT: 10.599 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:127 Resp: 163881

Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	29.0	23.9	35.9
92	20.1	16.1	24.1

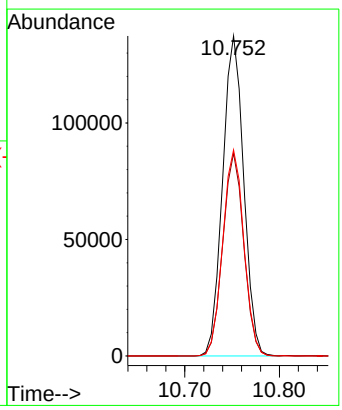


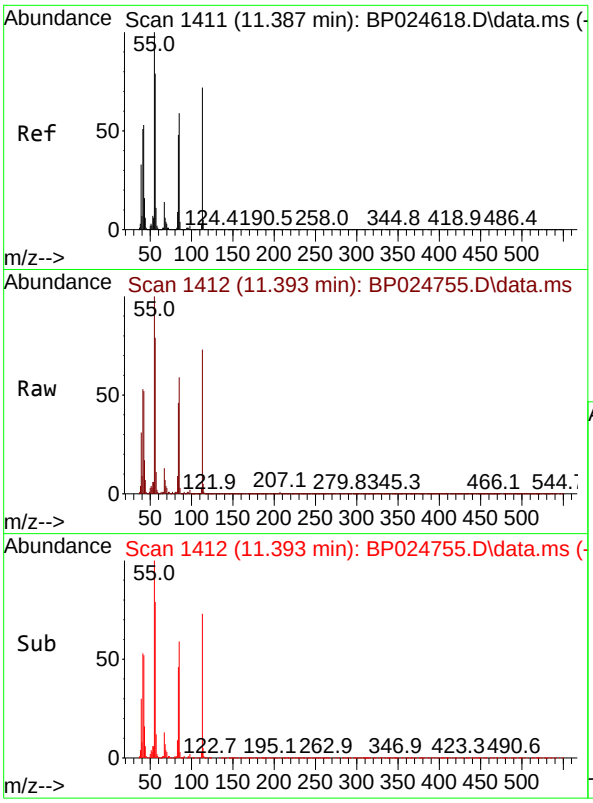


#34
Hexachlorobutadiene
Concen: 44.118 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:225 Resp: 212260

Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	64.4	53.1	79.7



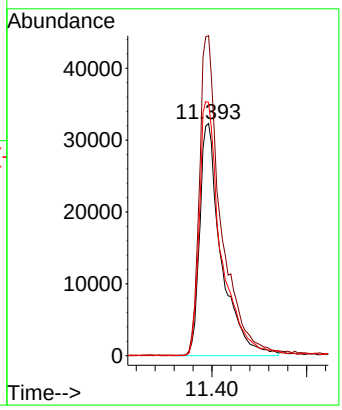


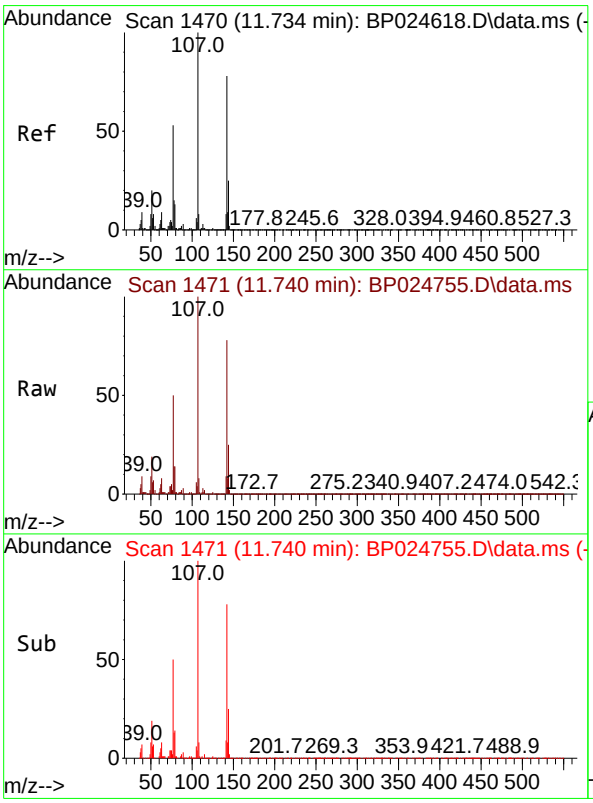
#35
Caprolactam
Concen: 42.629 ng
RT: 11.393 min Scan# 14
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:113 Resp: 101647

Ion	Ratio	Lower	Upper
113	100		
55	137.8	119.0	159.0
56	109.1	90.3	130.3

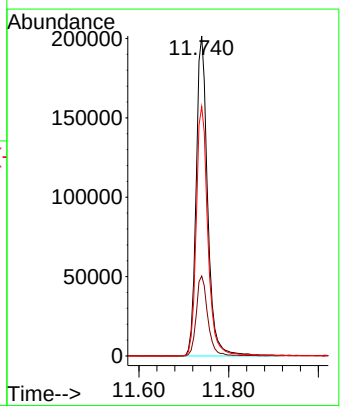


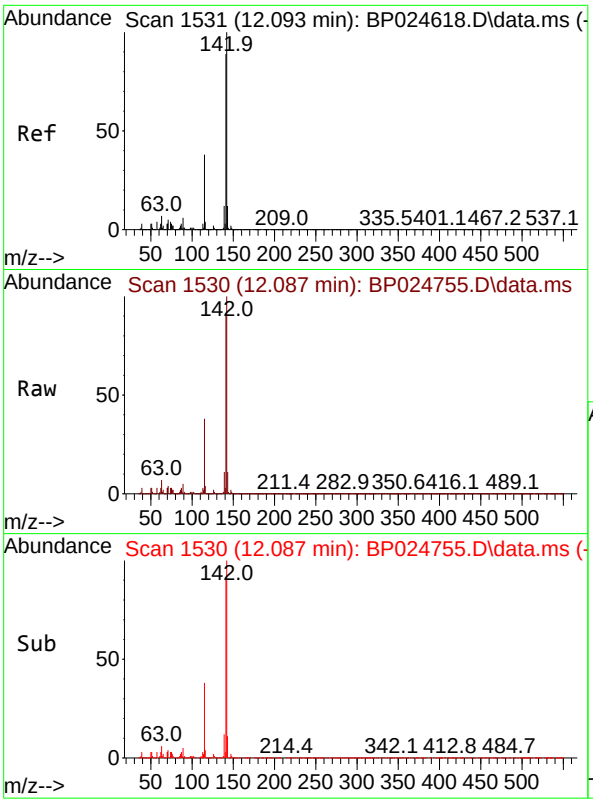


#36
4-Chloro-3-methylphenol
Concen: 44.385 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:107 Resp: 356727

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.1	30.1
142	77.9	62.1	93.1



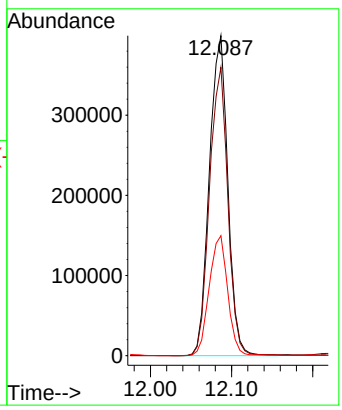


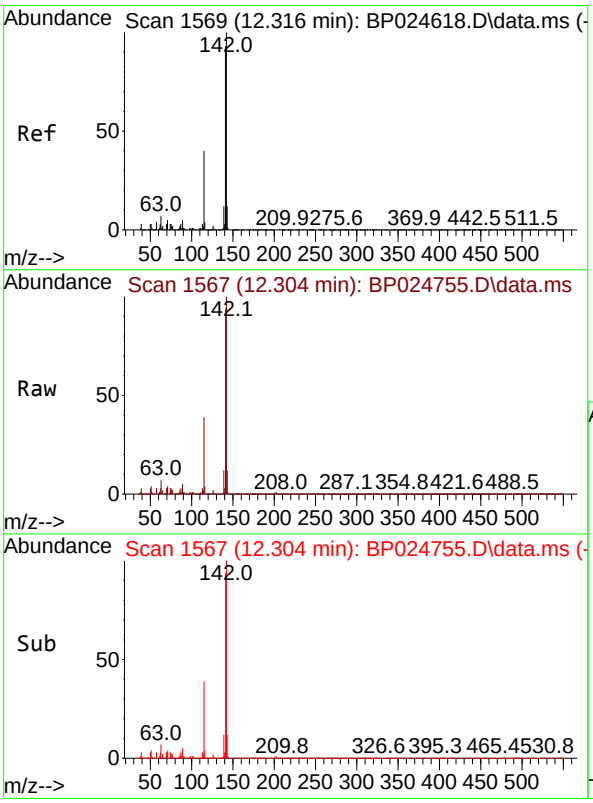
#37
2-Methylnaphthalene
Concen: 41.565 ng
RT: 12.087 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:142 Resp: 630369

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	37.5	30.6	46.0

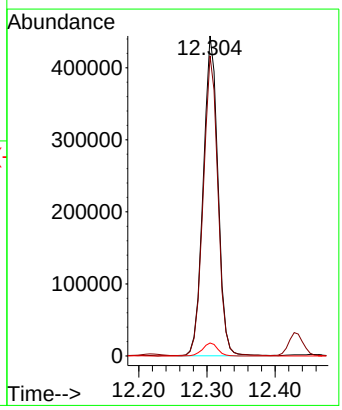


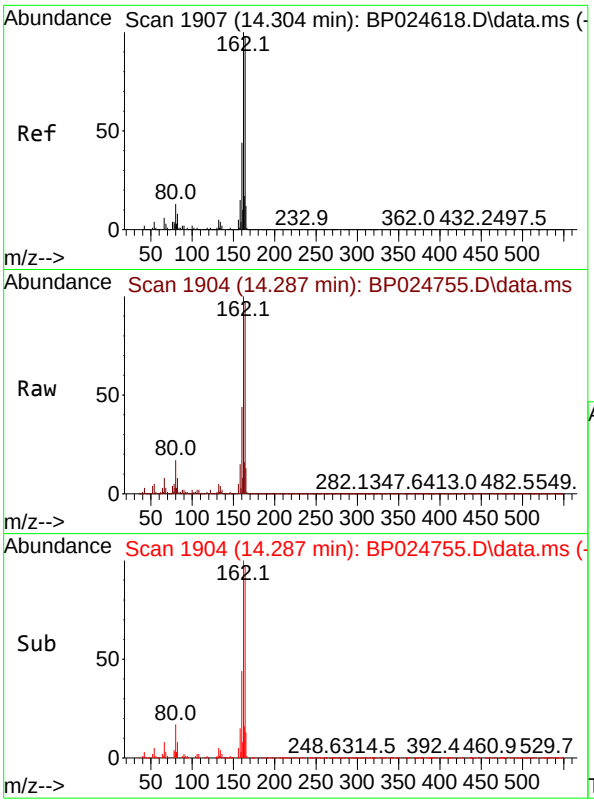


#38
1-Methylnaphthalene
Concen: 41.145 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:142 Resp: 667666

Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.7	112.1
116	4.1	3.4	5.2



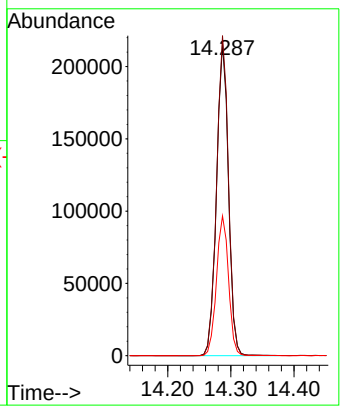


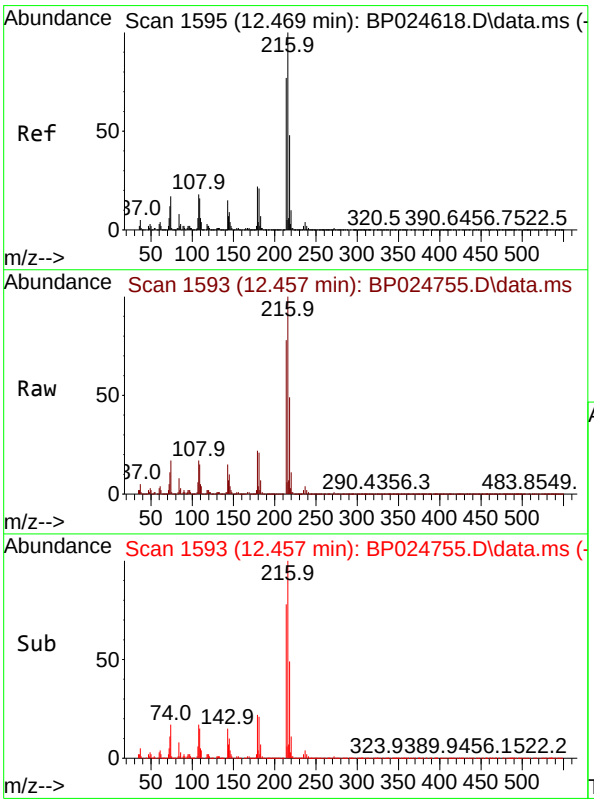
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:164 Resp: 283120

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.6
160	44.8	36.3	54.5

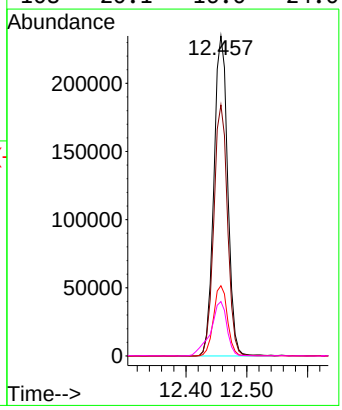


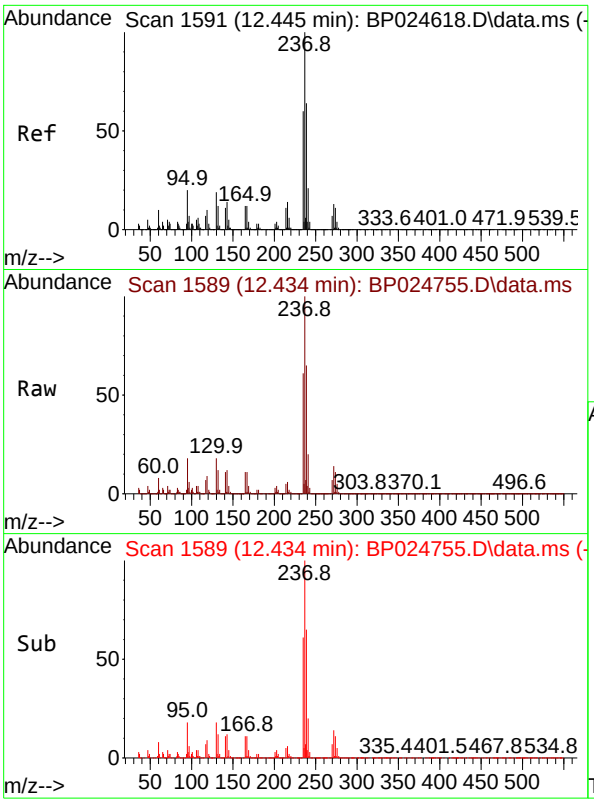


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.885 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:216 Resp: 369018

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.3	93.5
179	22.2	17.7	26.5
108	20.1	16.0	24.0



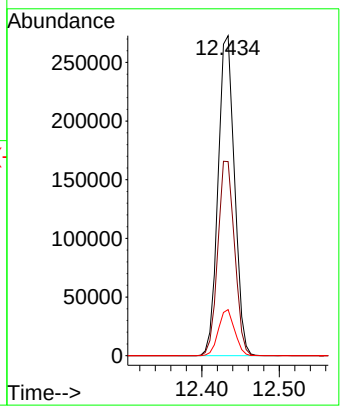


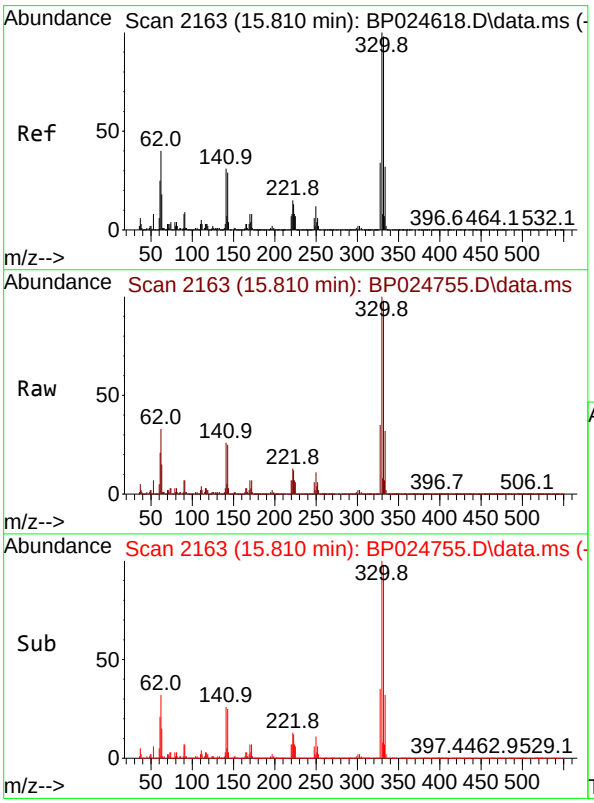
#41
Hexachlorocyclopentadiene
Concen: 80.579 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:237 Resp: 401704

Ion	Ratio	Lower	Upper
237	100		
235	60.7	39.9	79.9
272	14.4	0.0	33.2

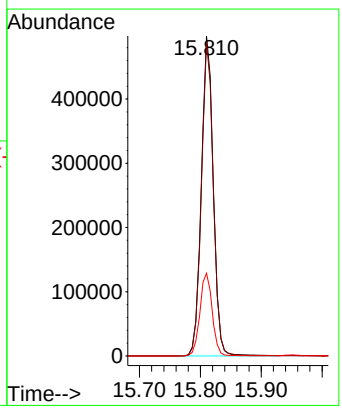


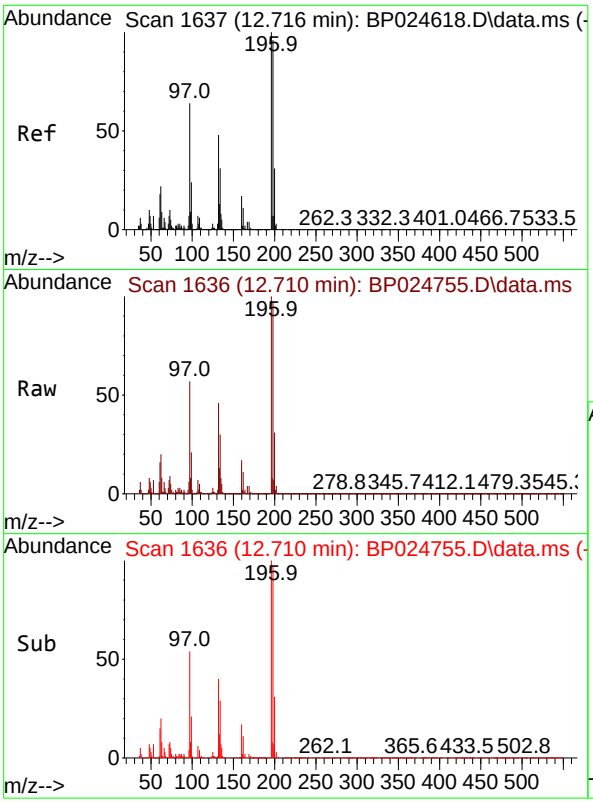


#42
2,4,6-Tribromophenol
Concen: 141.810 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:330 Resp: 680647

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.2	117.4
141	26.6	24.3	36.5



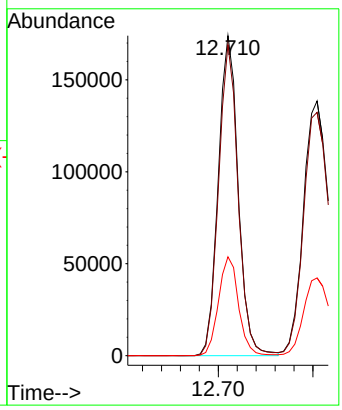


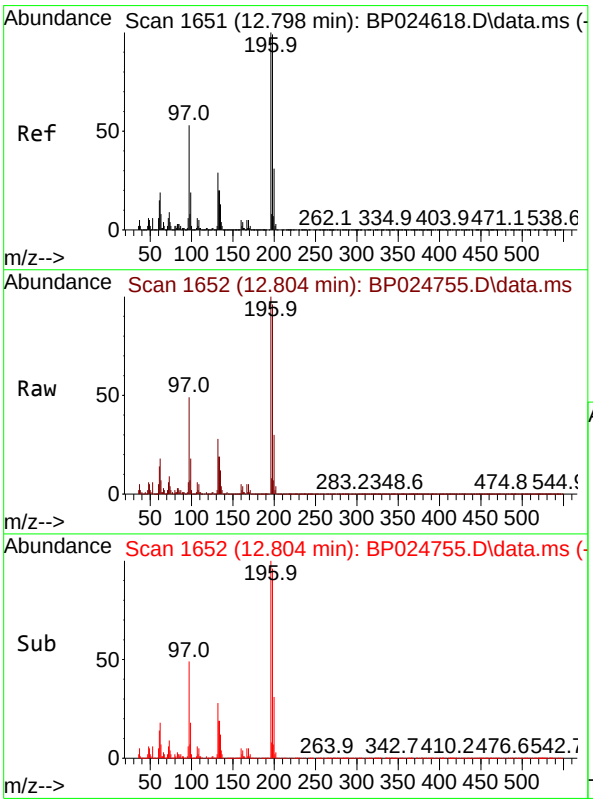
#43
2,4,6-Trichlorophenol
Concen: 47.834 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:196 Resp: 254724

Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.9	115.3
200	30.9	25.2	37.8

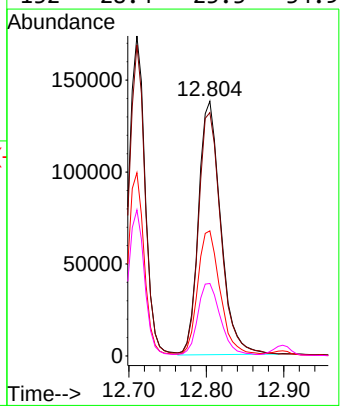


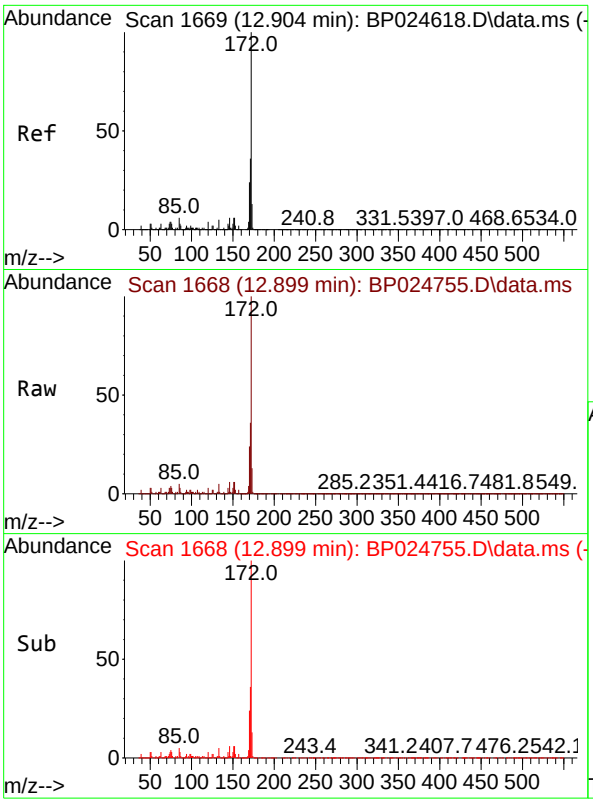


#44
2,4,5-Trichlorophenol
Concen: 46.476 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:196 Resp: 275492

Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.2	118.8
97	49.1	42.3	63.5
132	28.4	23.3	34.9



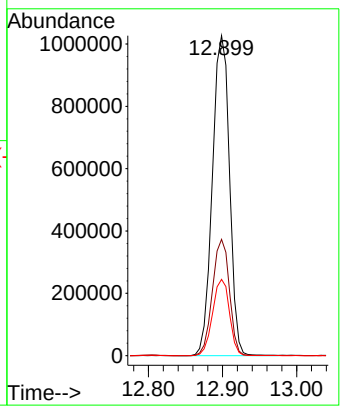


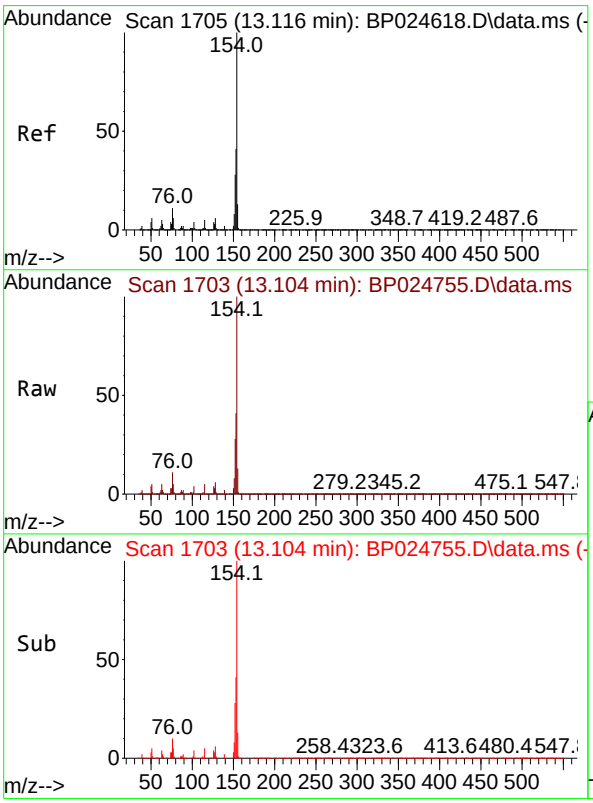
#45
2-Fluorobiphenyl
Concen: 76.344 ng
RT: 12.899 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:172 Resp: 1649799

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.8	18.8	28.2

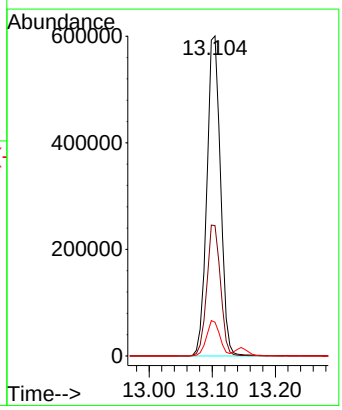


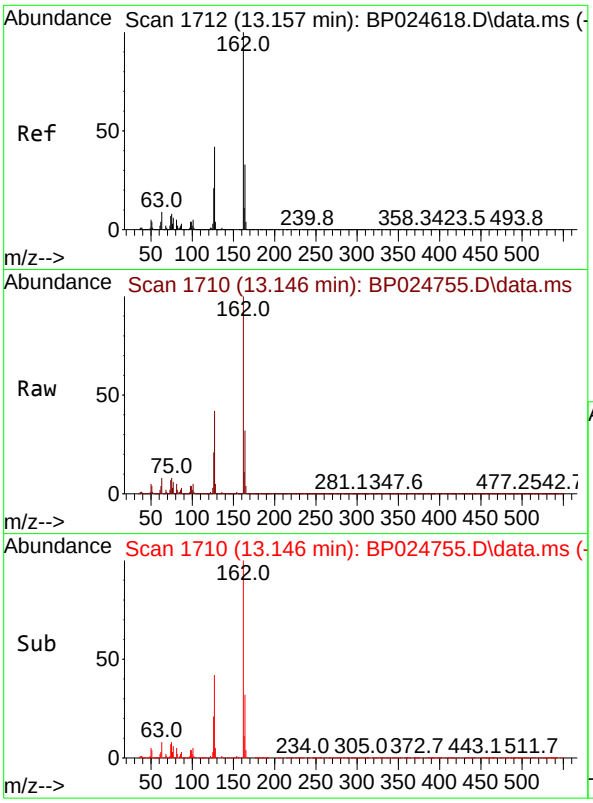


#46
1,1'-Biphenyl
Concen: 42.938 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:154 Resp: 898517

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	10.6	0.0	31.5



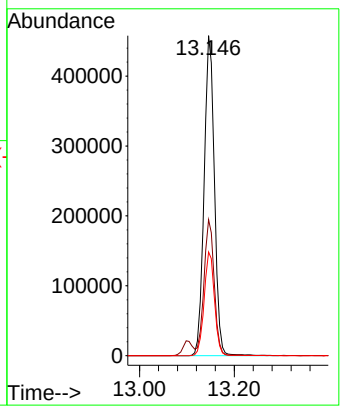


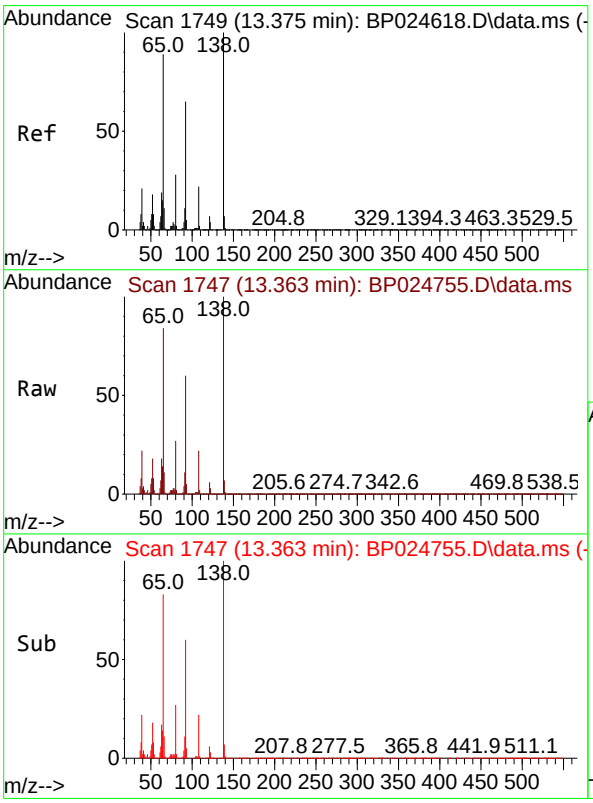
#47
2-Chloronaphthalene
Concen: 43.365 ng
RT: 13.146 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:162 Resp: 691903

Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.8	50.6
164	32.4	26.0	39.0

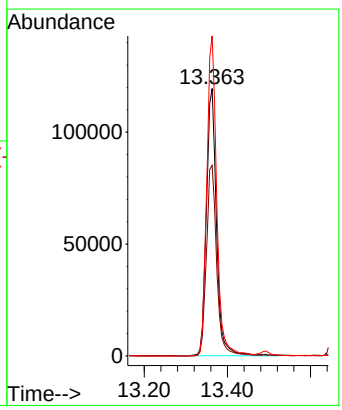


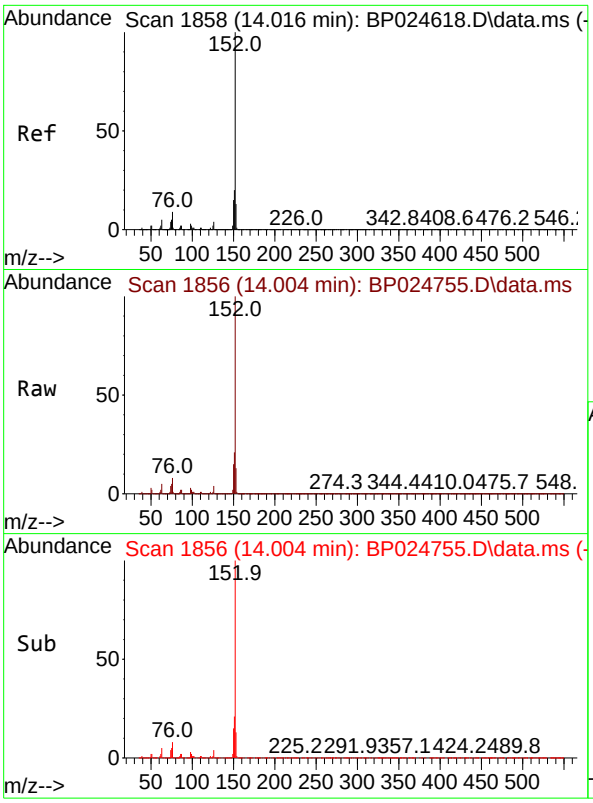


#48
2-Nitroaniline
Concen: 42.950 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion: 65 Resp: 202885

Ion	Ratio	Lower	Upper
65	100		
92	71.3	58.7	88.1
138	119.6	90.2	135.2



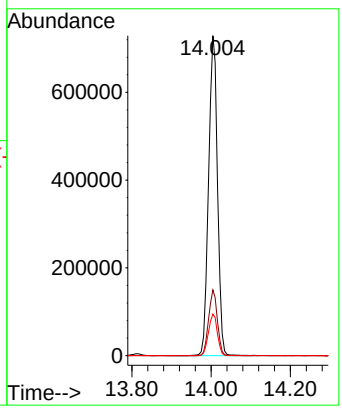


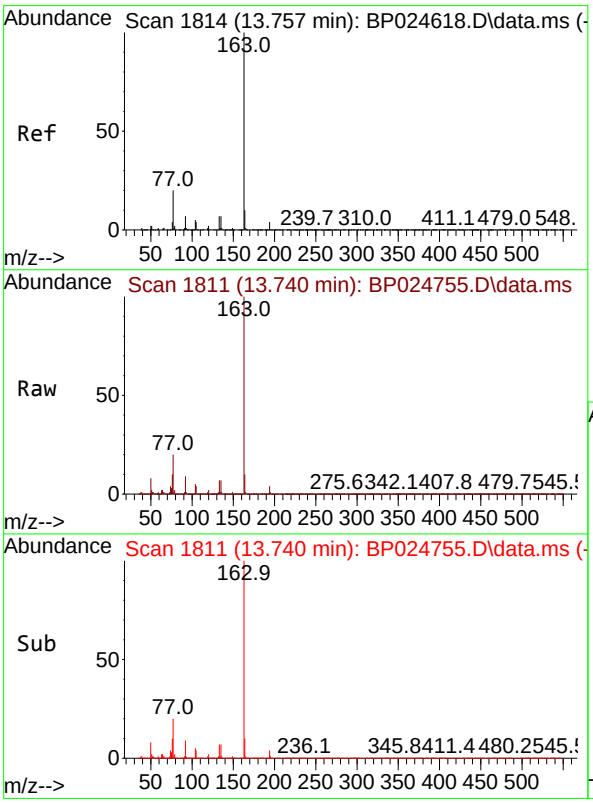
#49
Acenaphthylene
Concen: 42.437 ng
RT: 14.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:152 Resp: 1133108

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	13.0	10.2	15.4

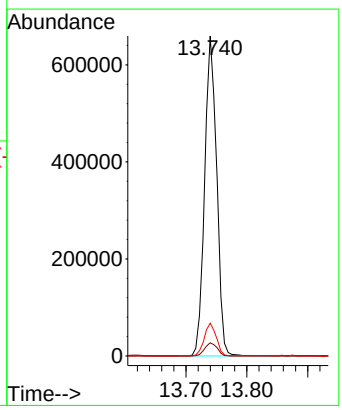


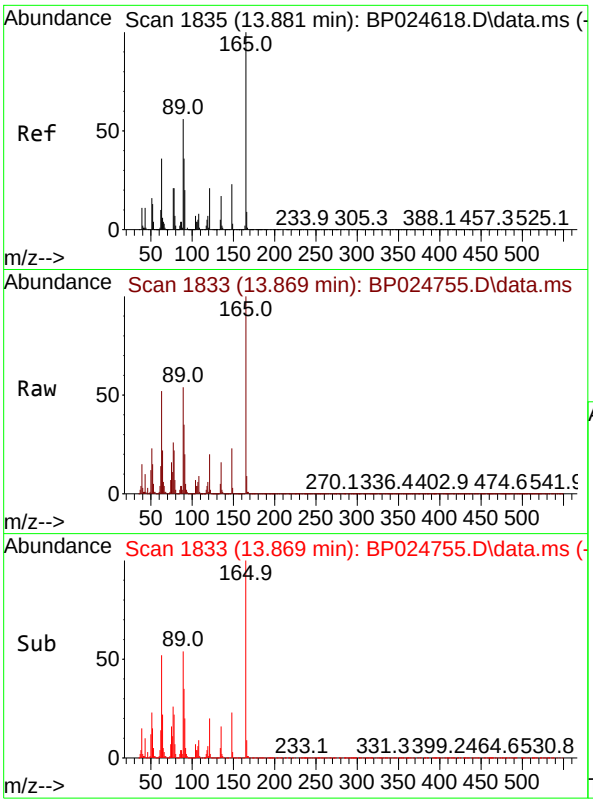


#50
Dimethylphthalate
Concen: 42.093 ng
RT: 13.740 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:163 Resp: 908339

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.1	12.1



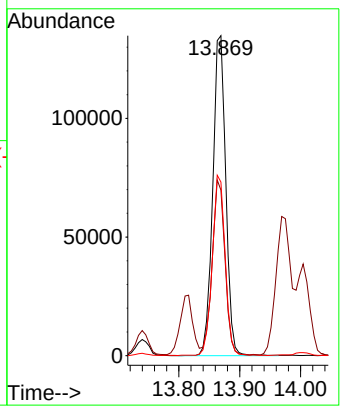


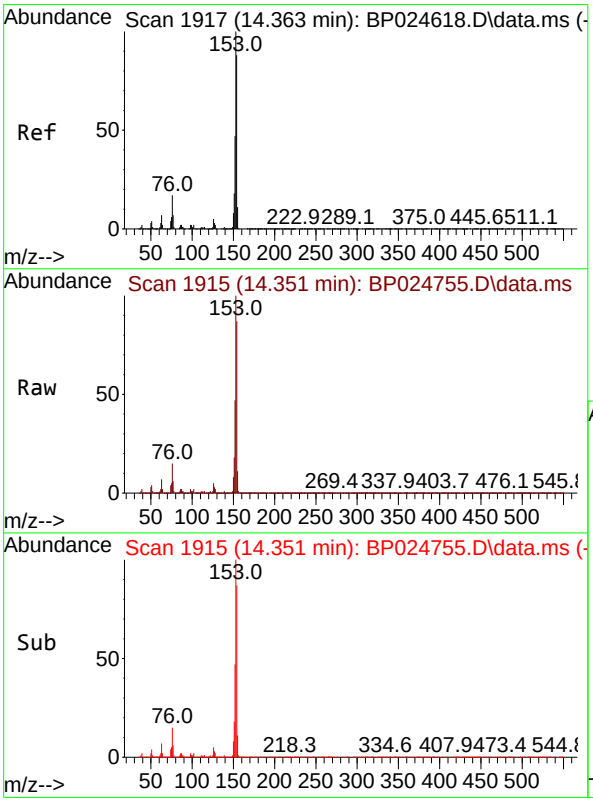
#51
2,6-Dinitrotoluene
Concen: 43.751 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:165 Resp: 199396

Ion	Ratio	Lower	Upper
165	100		
63	51.8	42.4	63.6
89	54.2	44.8	67.2

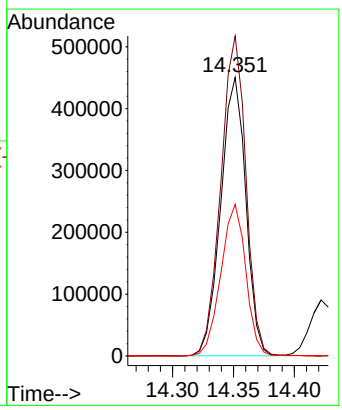


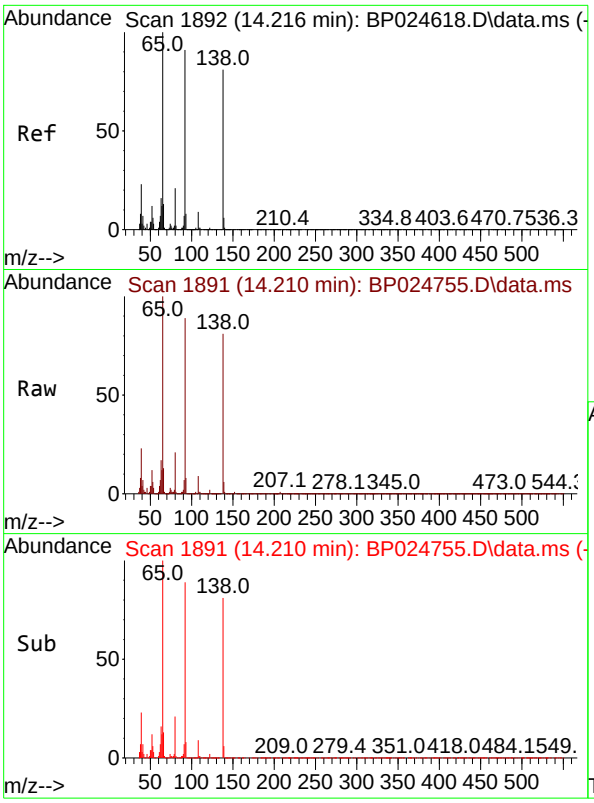


#52
Acenaphthene
Concen: 42.134 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:154 Resp: 646760

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.0	136.4
152	54.4	42.9	64.3



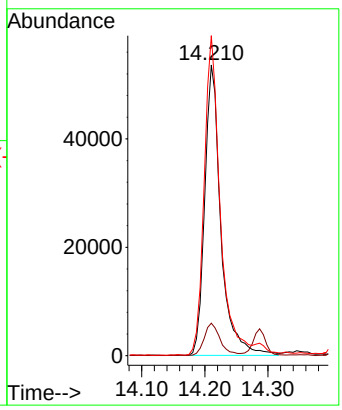


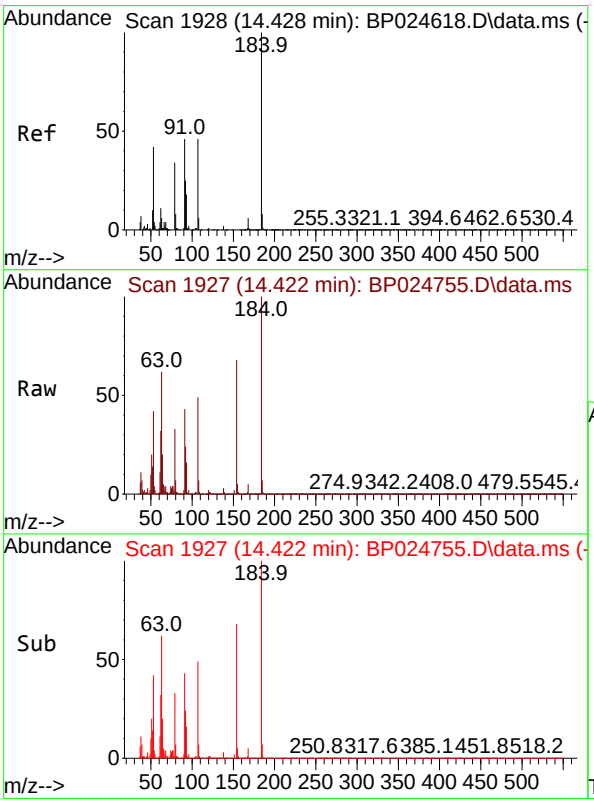
#53
3-Nitroaniline
Concen: 20.478 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:138 Resp: 95294

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	110.1	90.1	135.1

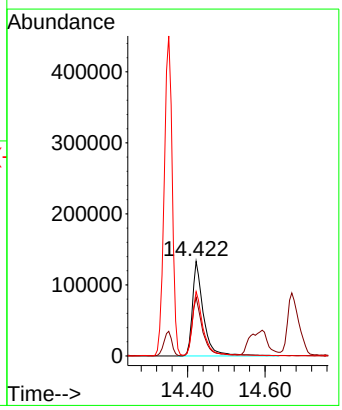


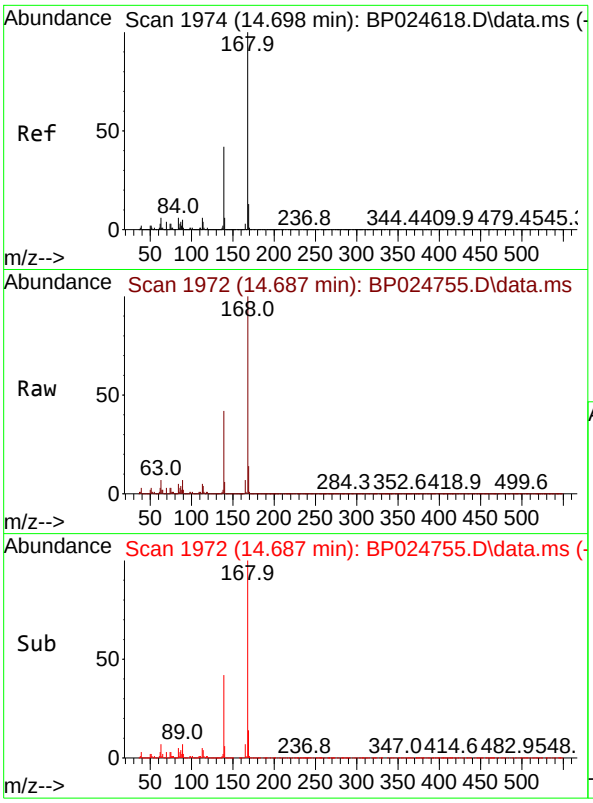


#54
2,4-Dinitrophenol
Concen: 90.411 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:184 Resp: 262431

Ion	Ratio	Lower	Upper
184	100		
63	61.9	51.3	76.9
154	68.0	53.5	80.3



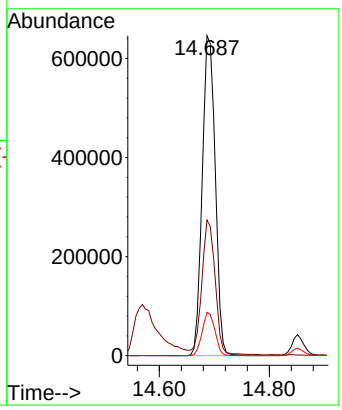


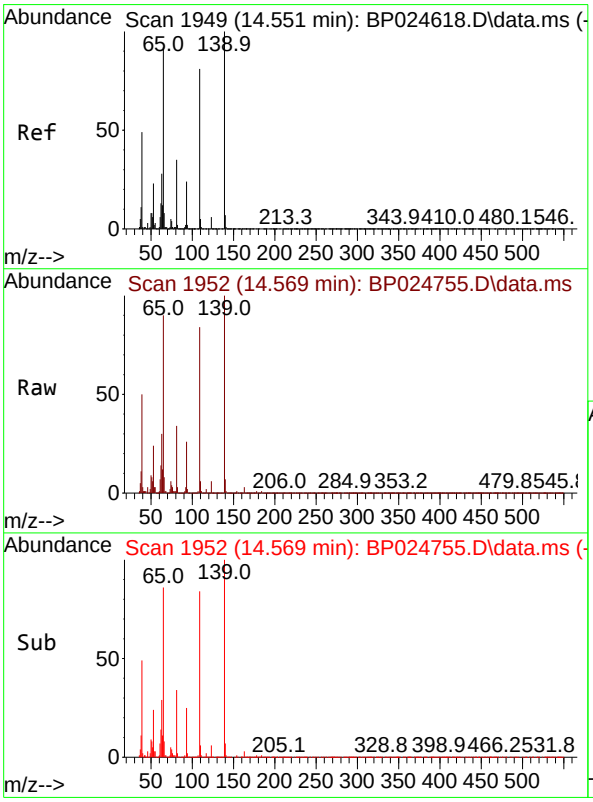
#55
Dibenzofuran
Concen: 43.271 ng
RT: 14.687 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:168 Resp: 1059440

Ion	Ratio	Lower	Upper
168	100		
139	42.4	34.2	51.4
169	13.6	10.8	16.2

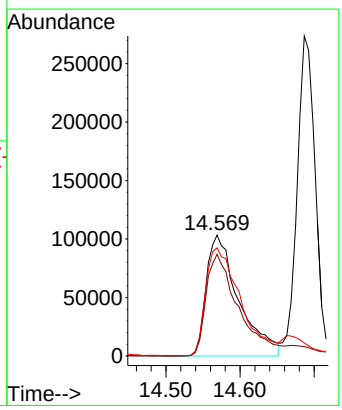


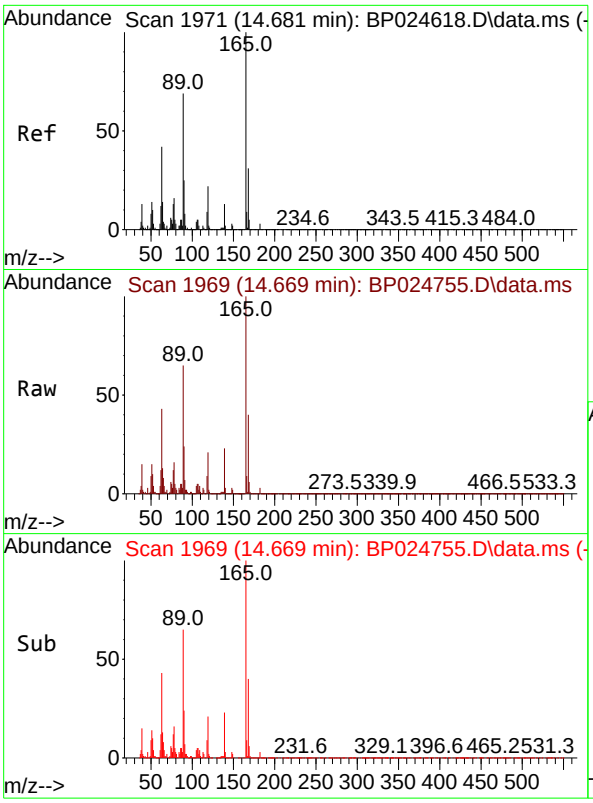


#56
4-Nitrophenol
Concen: 77.936 ng
RT: 14.569 min Scan# 1952
Delta R.T. 0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:139 Resp: 313522

Ion	Ratio	Lower	Upper
139	100		
109	84.1	61.4	101.4
65	89.6	72.2	112.2



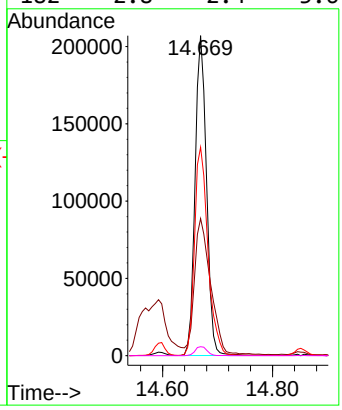


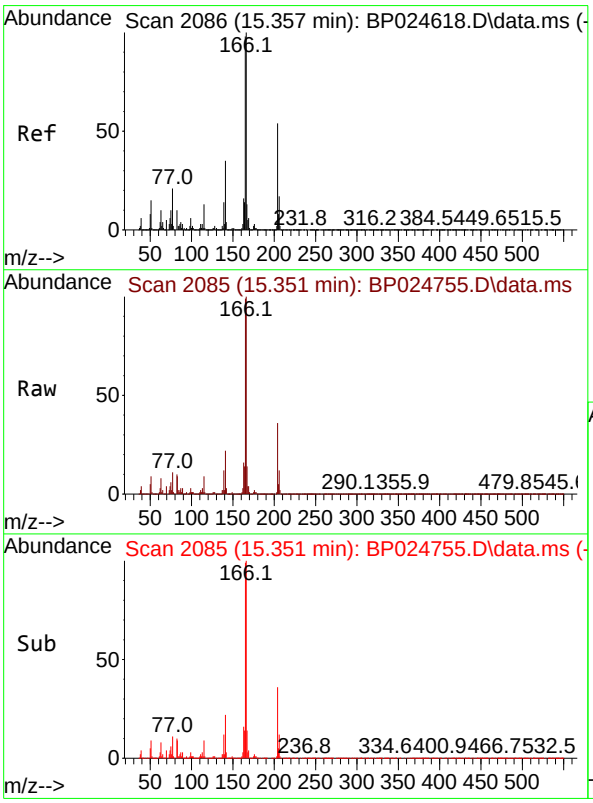
#57
2,4-Dinitrotoluene
Concen: 46.462 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:165 Resp: 298529

Ion	Ratio	Lower	Upper
165	100		
63	42.9	33.8	50.6
89	65.1	55.6	83.4
182	2.8	2.4	3.6

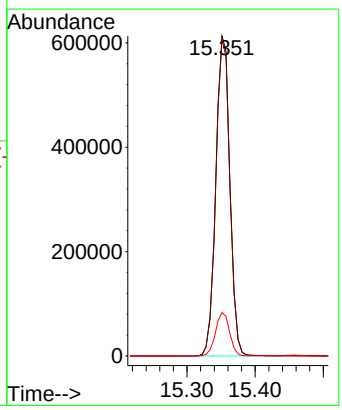


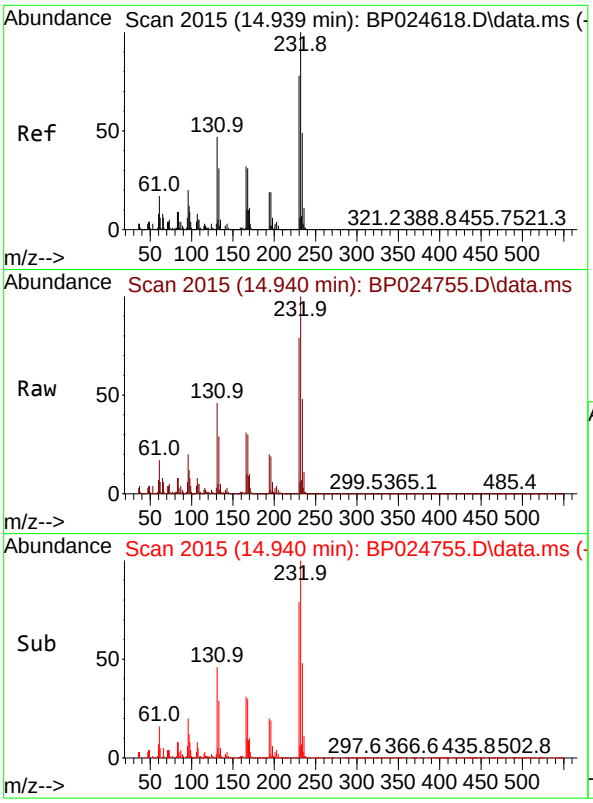


#58
Fluorene
Concen: 44.051 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:166 Resp: 879435

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.5	117.7
167	13.5	10.7	16.1



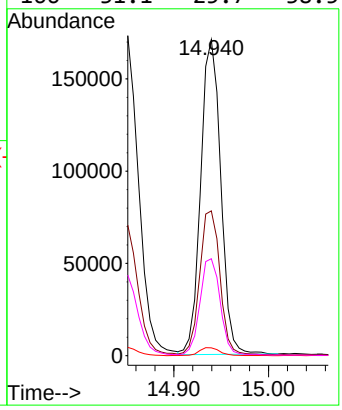


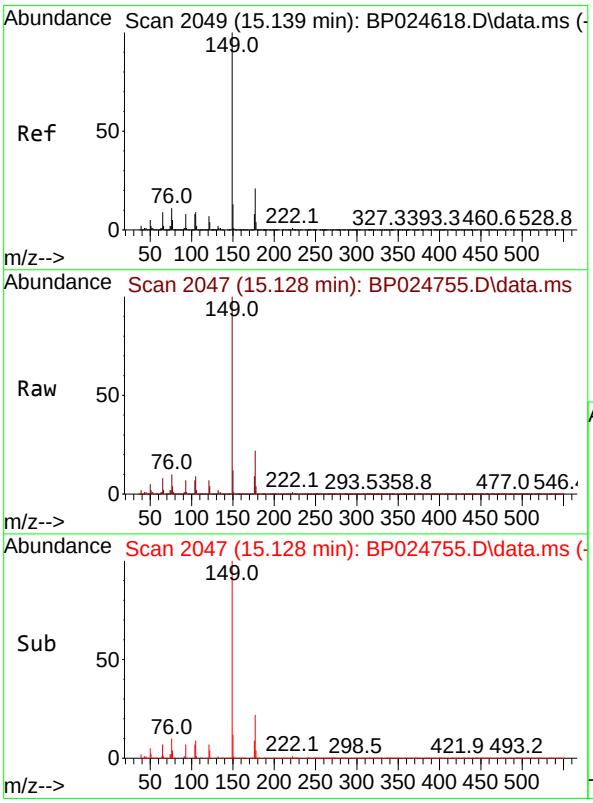
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.726 ng
RT: 14.940 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:232 Resp: 251432

Ion	Ratio	Lower	Upper
232	100		
131	46.4	39.5	59.3
130	2.7	2.2	3.4
166	31.1	25.7	38.5

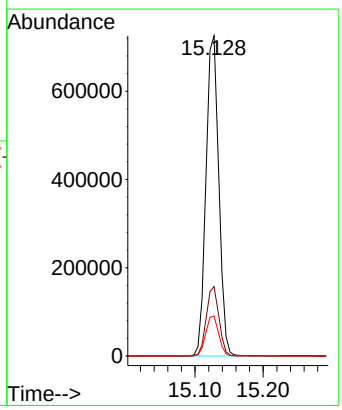


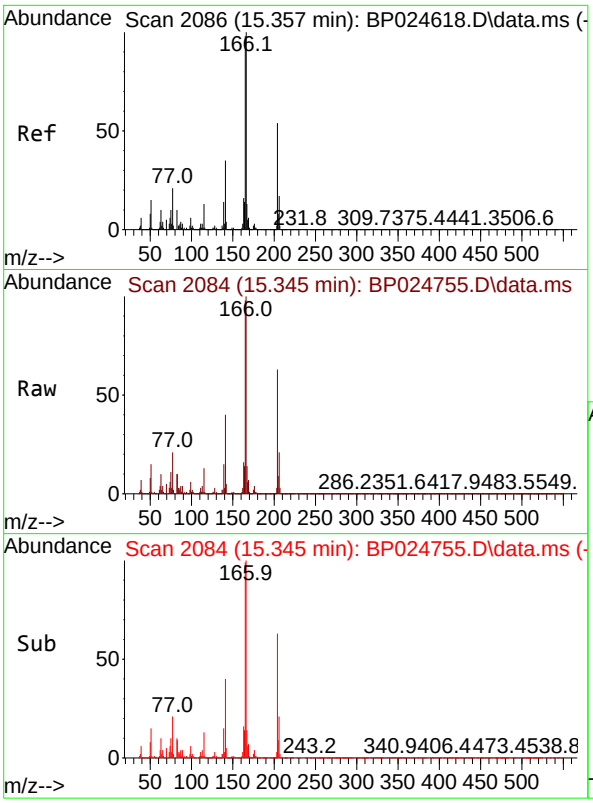


#60
Diethylphthalate
Concen: 43.527 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:149 Resp: 949347

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.7	25.1
150	12.5	10.2	15.2



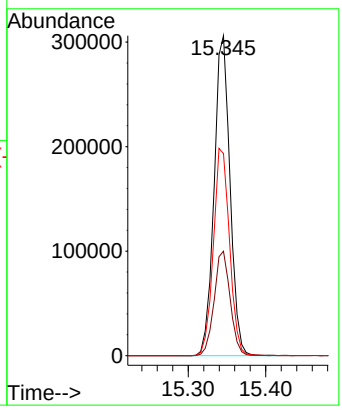


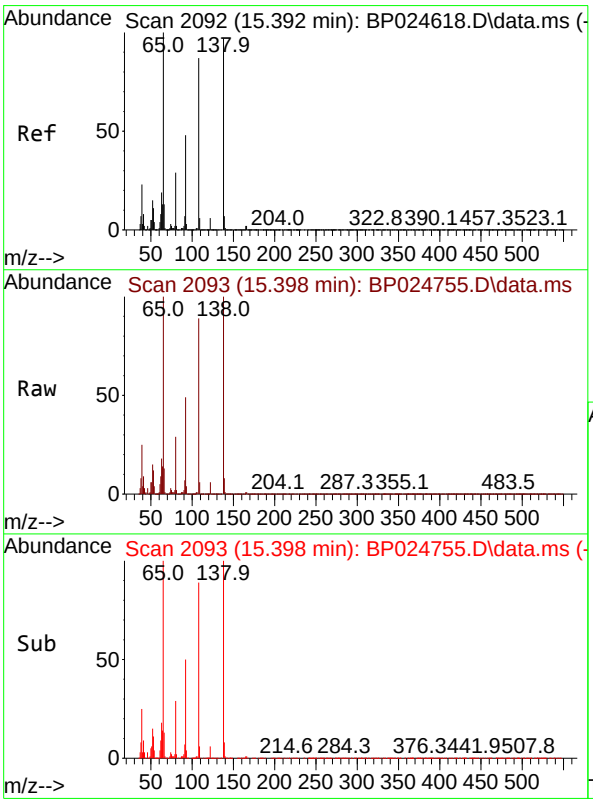
#61
4-Chlorophenyl-phenylether
Concen: 43.923 ng
RT: 15.345 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:204 Resp: 437310

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	63.2	52.9	79.3

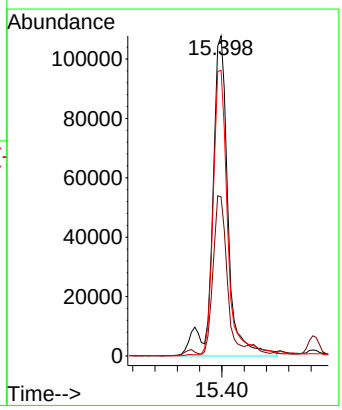


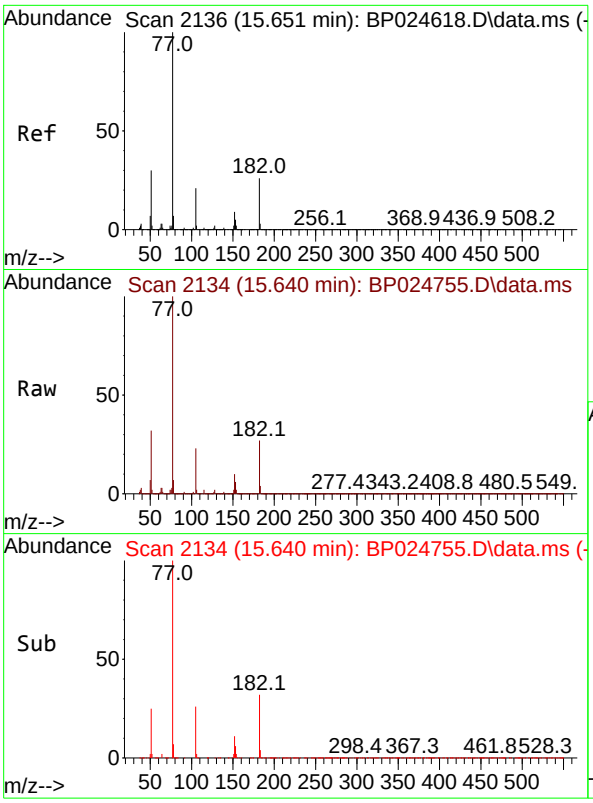


#62
4-Nitroaniline
Concen: 46.348 ng m
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:138 Resp: 208254

Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.2	69.2
108	89.2	69.0	109.0



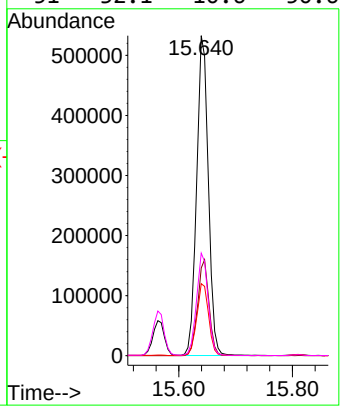


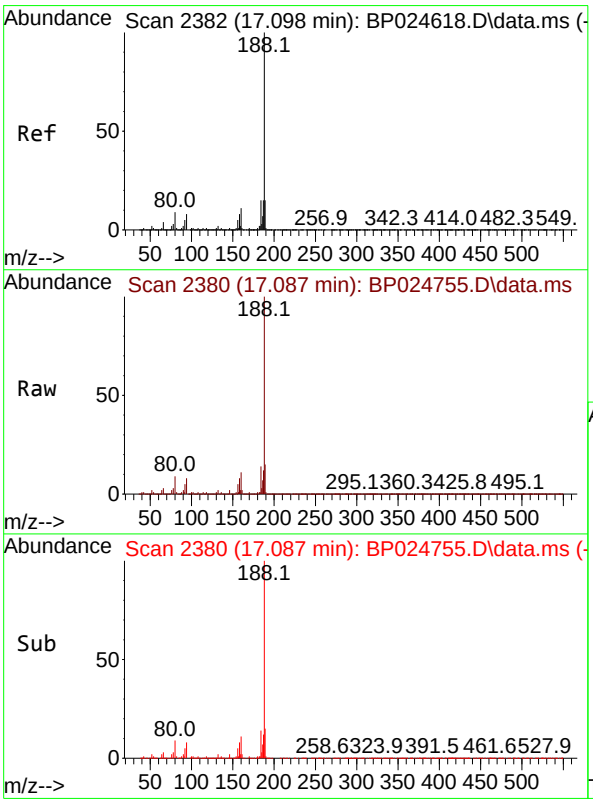
#63
Azobenzene
Concen: 40.952 ng
RT: 15.640 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion: 77 Resp: 764105

Ion	Ratio	Lower	Upper
77	100		
182	27.4	5.7	45.7
105	22.5	1.3	41.3
51	32.1	10.6	50.6

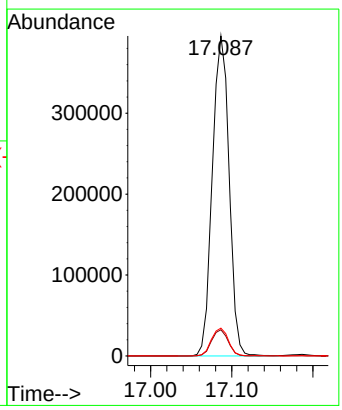


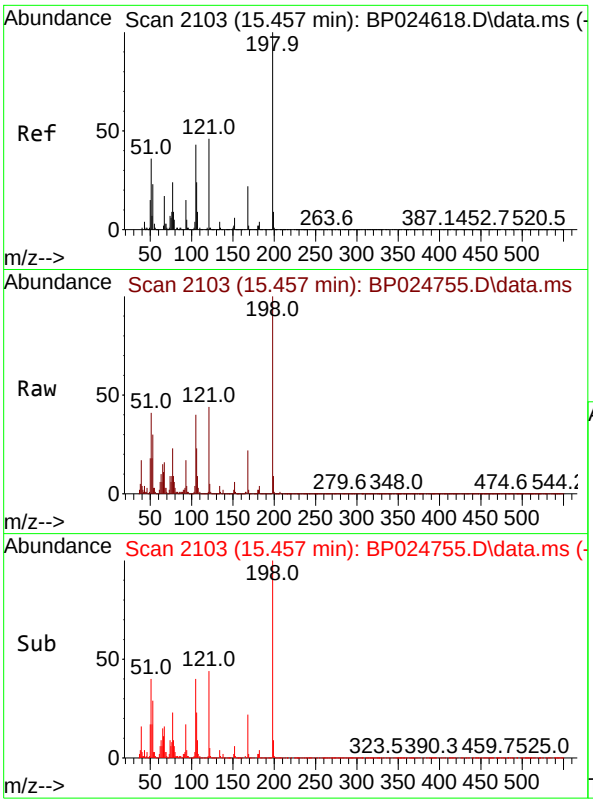


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:188 Resp: 568580

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	8.7	7.3	10.9



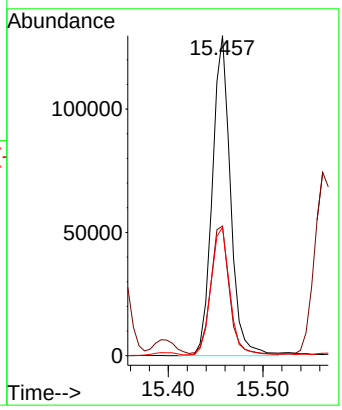


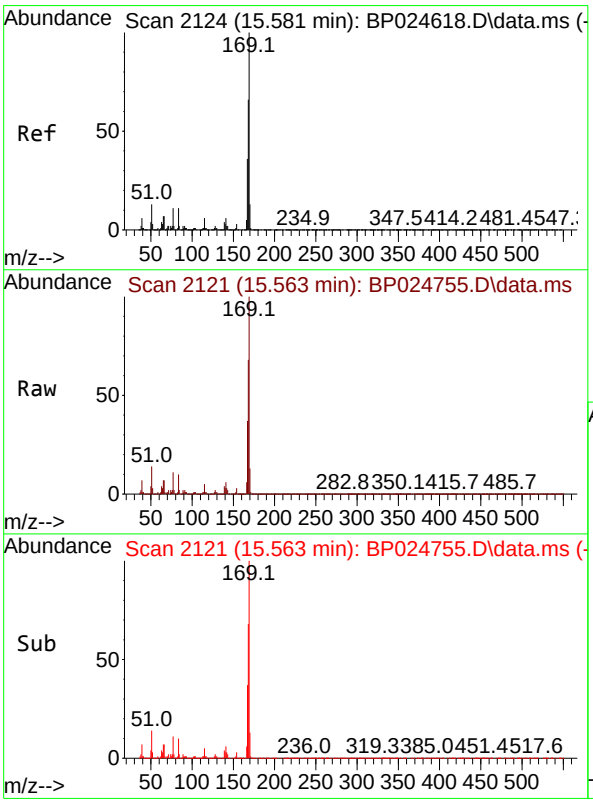
#65
4,6-Dinitro-2-methylphenol
Concen: 46.989 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:198 Resp: 172573

Ion	Ratio	Lower	Upper
198	100		
51	40.5	21.1	61.1
105	40.1	23.6	63.6

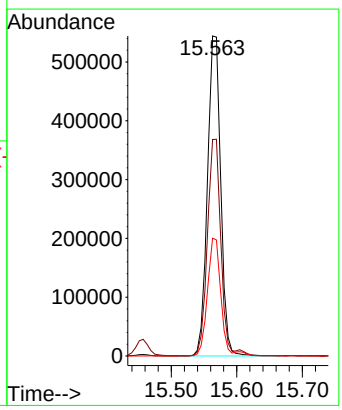


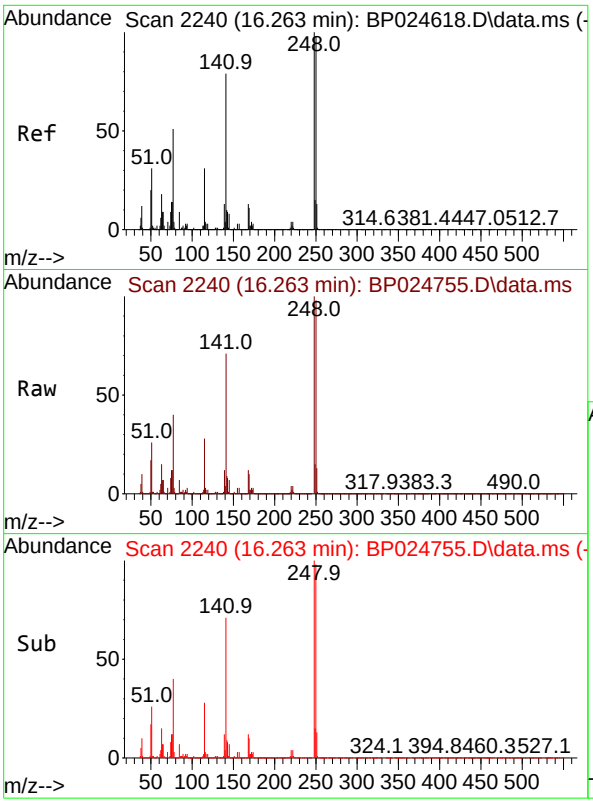


#66
n-Nitrosodiphenylamine
Concen: 43.944 ng
RT: 15.563 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:169 Resp: 767455

Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	36.8	28.6	43.0



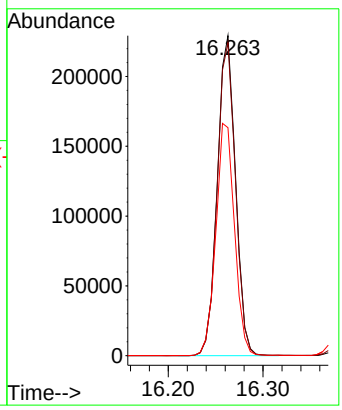


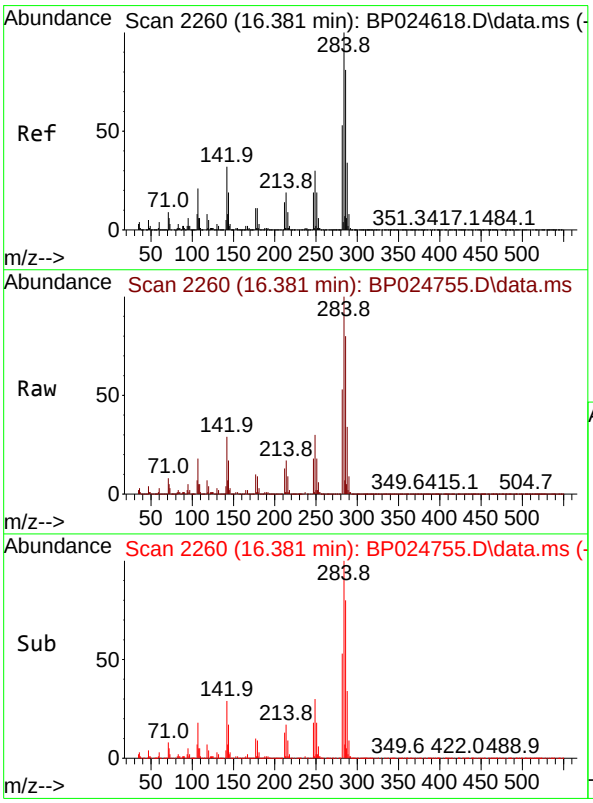
#67
4-Bromophenyl-phenylether
Concen: 45.770 ng
RT: 16.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:248 Resp: 306650

Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.2	117.4
141	71.2	63.0	94.6

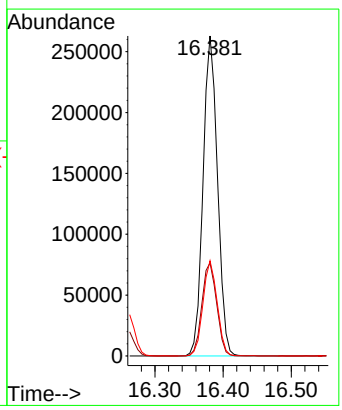


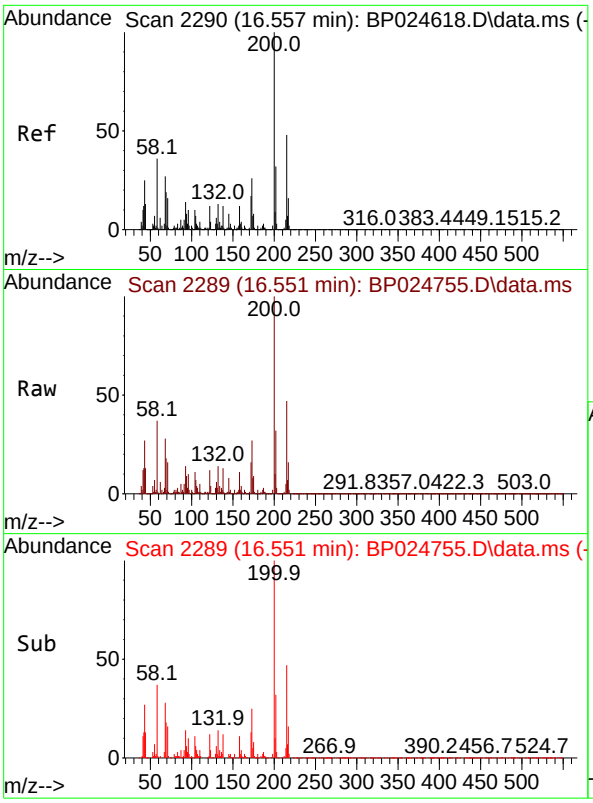


#68
Hexachlorobenzene
Concen: 45.465 ng
RT: 16.381 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:284 Resp: 387062

Ion	Ratio	Lower	Upper
284	100		
142	29.1	25.9	38.9
249	29.7	24.1	36.1



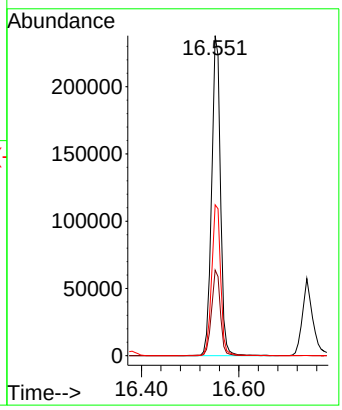


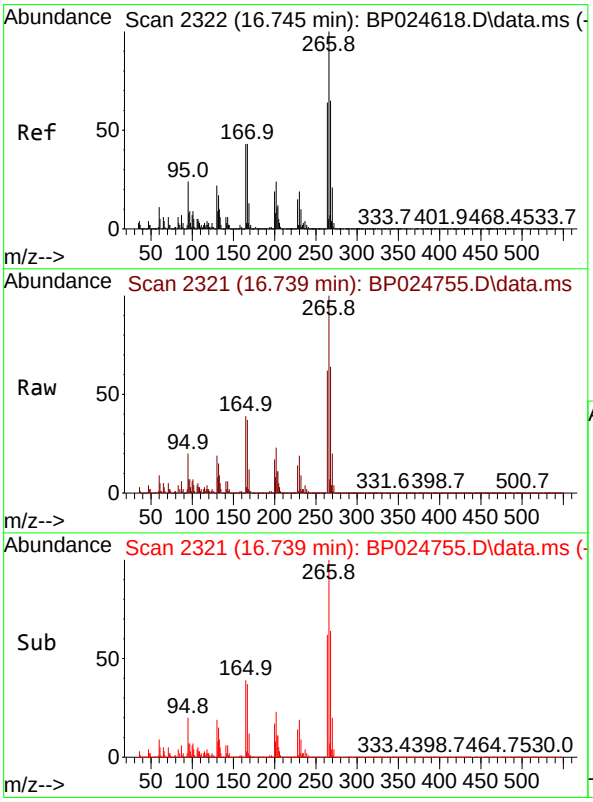
#69
Atrazine
Concen: 46.383 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:200 Resp: 296861

Ion	Ratio	Lower	Upper
200	100		
173	26.7	5.9	45.9
215	47.2	28.3	68.3

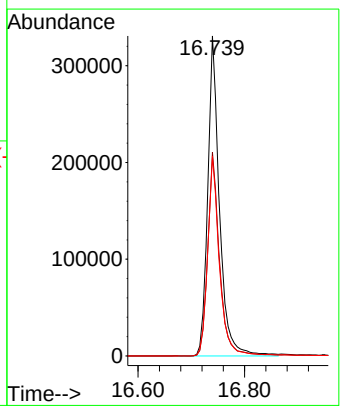


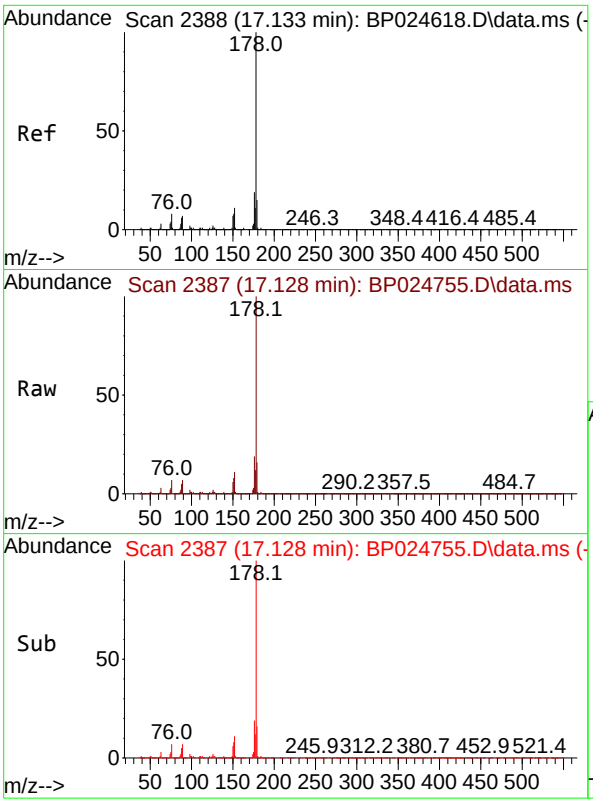


#70
Pentachlorophenol
Concen: 105.866 ng
RT: 16.739 min Scan# 2321
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:266 Resp: 505930

Ion	Ratio	Lower	Upper
266	100		
268	63.6	52.2	78.4
264	62.4	51.1	76.7



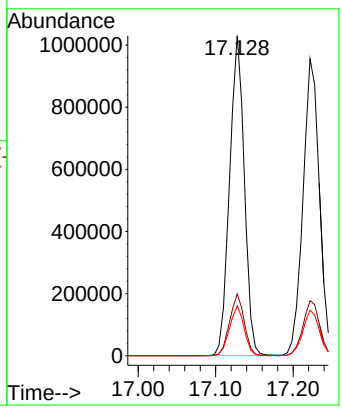


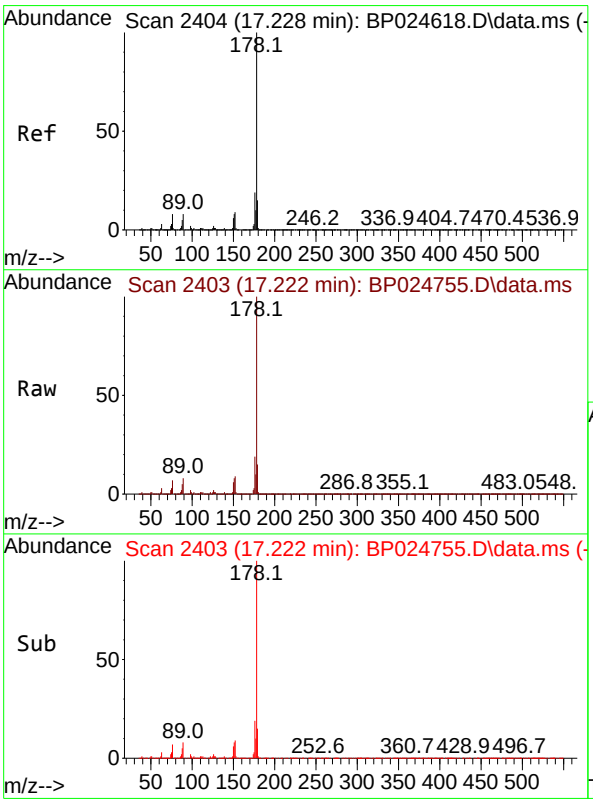
#71
Phenanthrene
Concen: 43.239 ng
RT: 17.128 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:178 Resp: 1366718

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.2	18.4

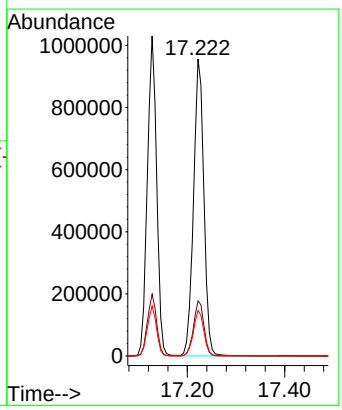


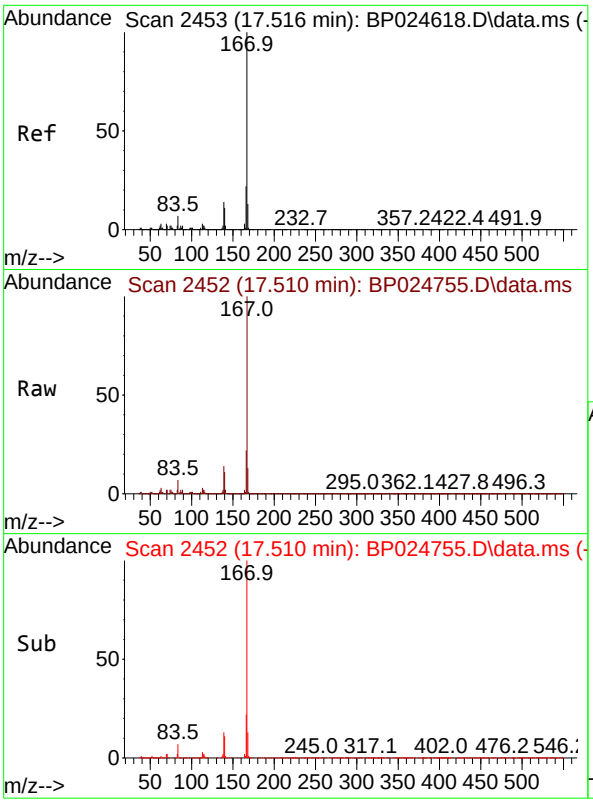


#72
Anthracene
Concen: 44.495 ng
RT: 17.222 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:178 Resp: 1415016

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.2	18.2



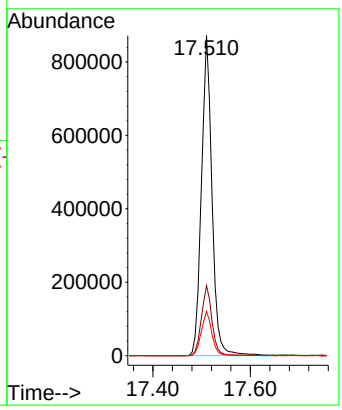


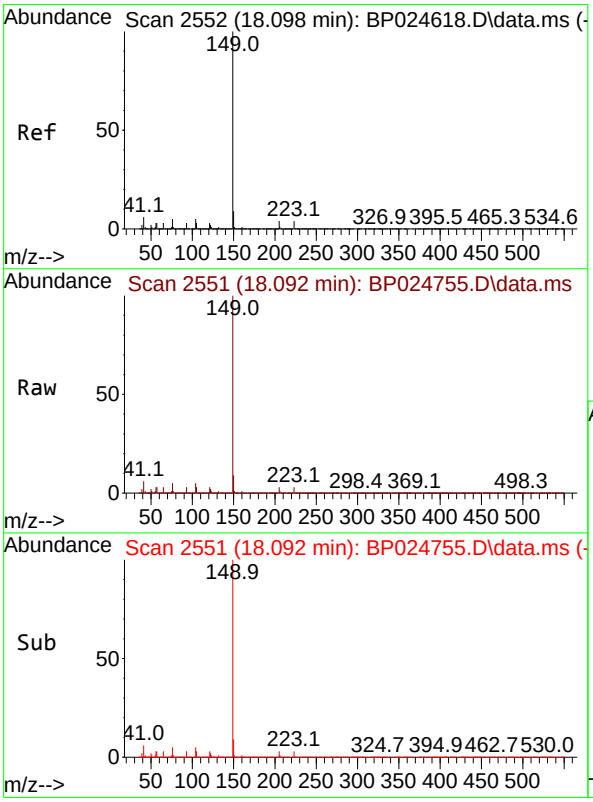
#73
Carbazole
Concen: 45.494 ng
RT: 17.510 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:167 Resp: 1309469

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.8	11.3	16.9

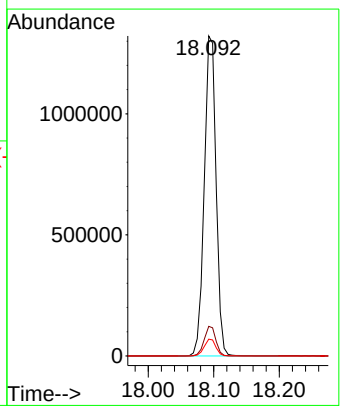


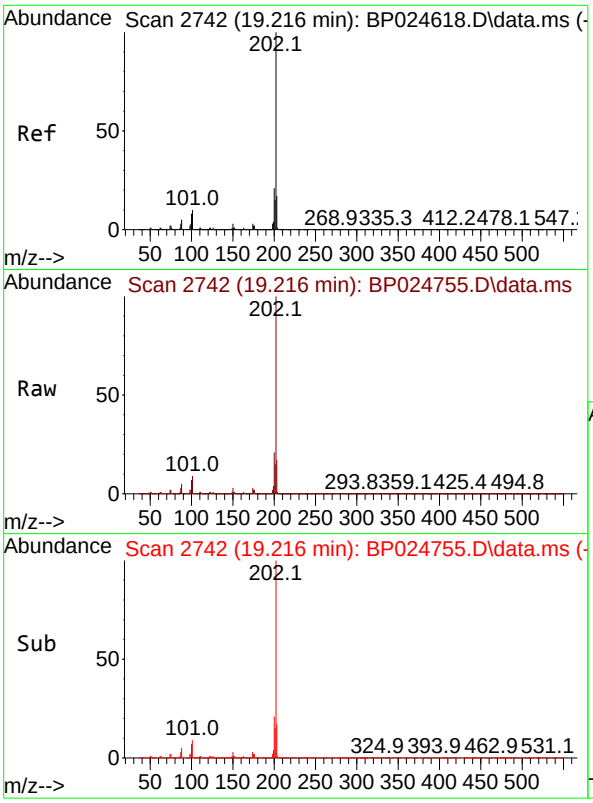


#74
Di-n-butylphthalate
Concen: 44.777 ng
RT: 18.092 min Scan# 2551
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:149 Resp: 1657555

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	5.2	4.3	6.5



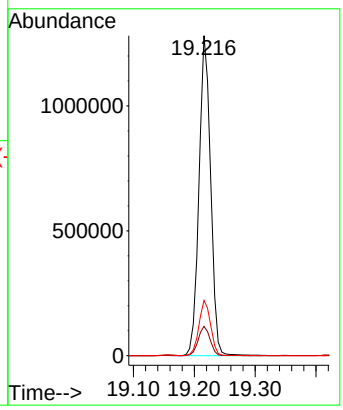


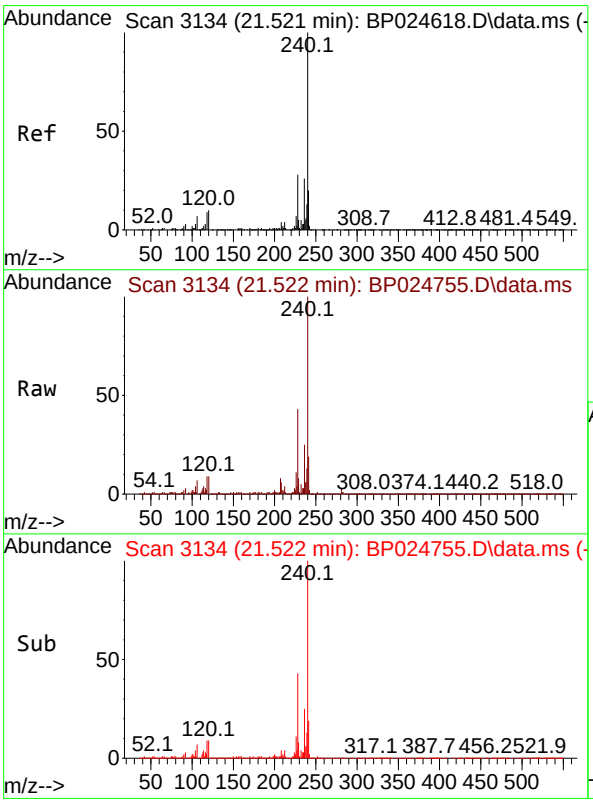
#75
Fluoranthene
Concen: 45.976 ng
RT: 19.216 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:202 Resp: 1698716

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
203	17.2	0.0	37.5

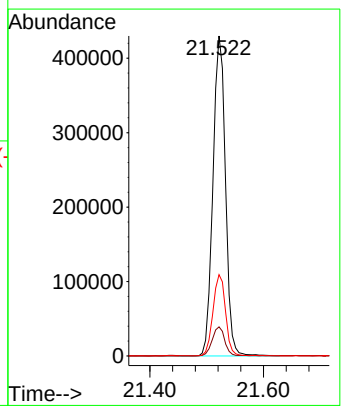


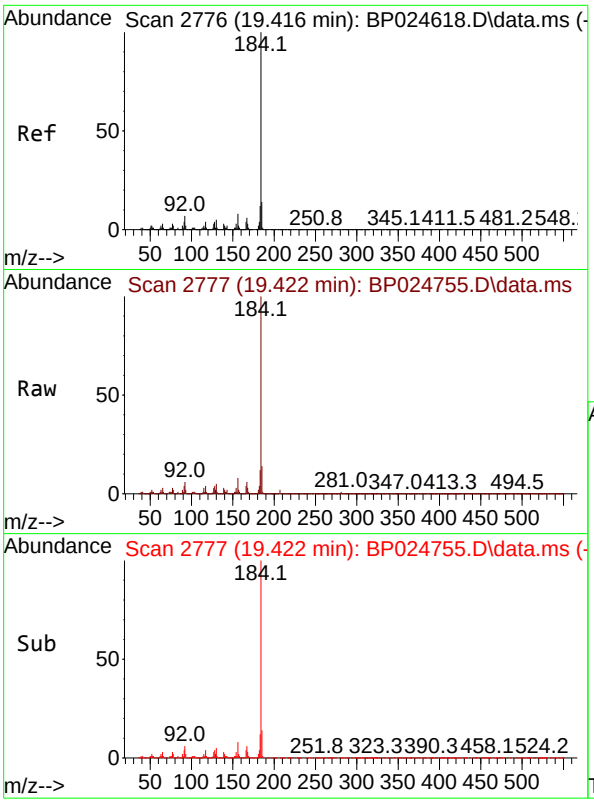


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:240 Resp: 655197

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	25.4	20.6	31.0



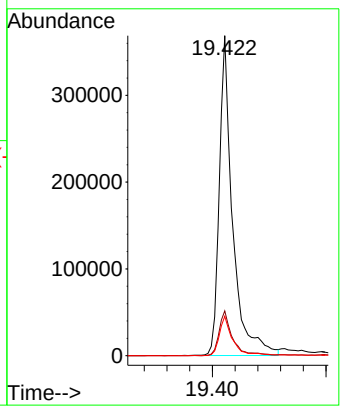


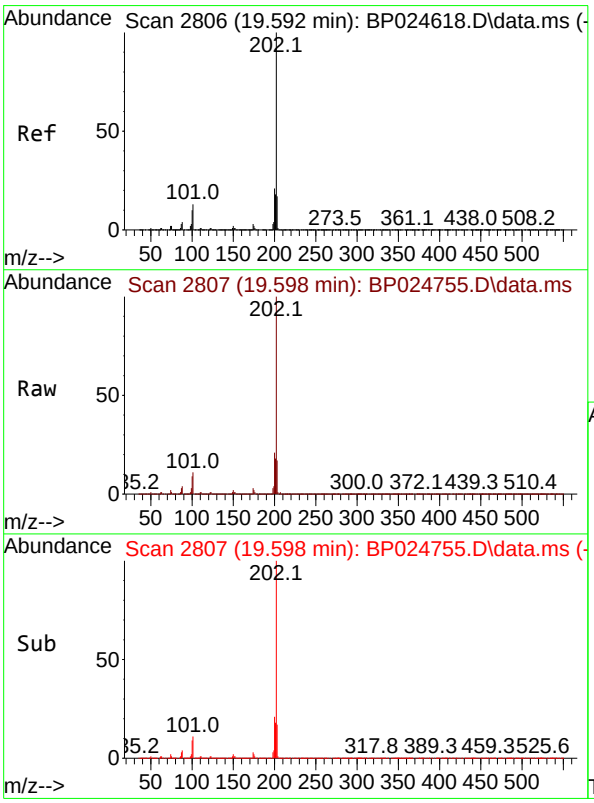
#77
Benzidine
Concen: 33.628 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:184 Resp: 600097

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.3	9.8	14.8

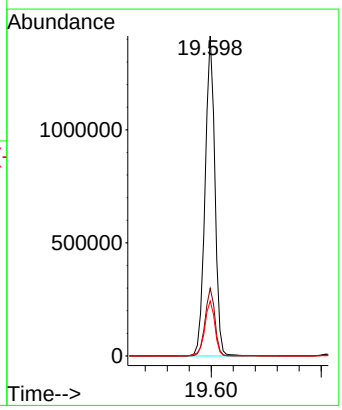


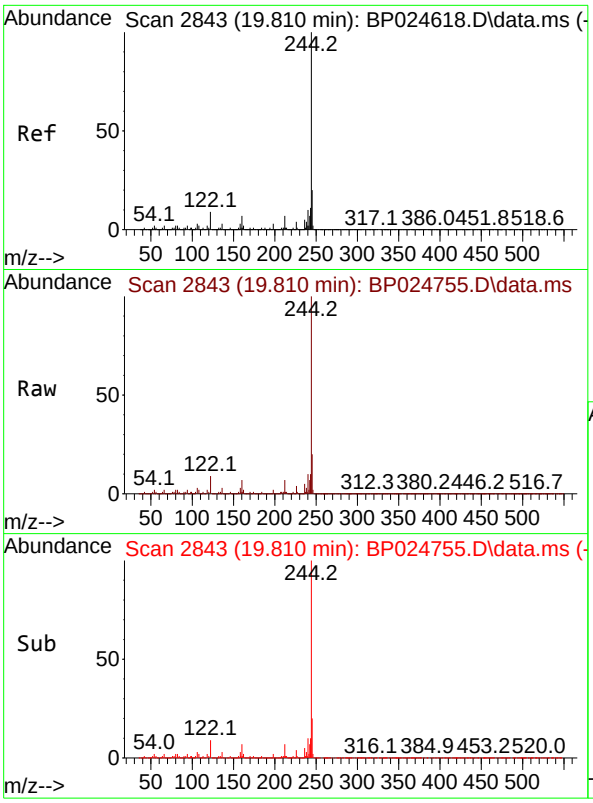


#78
Pyrene
Concen: 44.462 ng
RT: 19.598 min Scan# 2807
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:202 Resp: 1745500

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.2	13.9	20.9



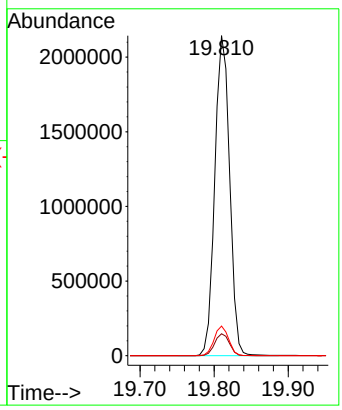


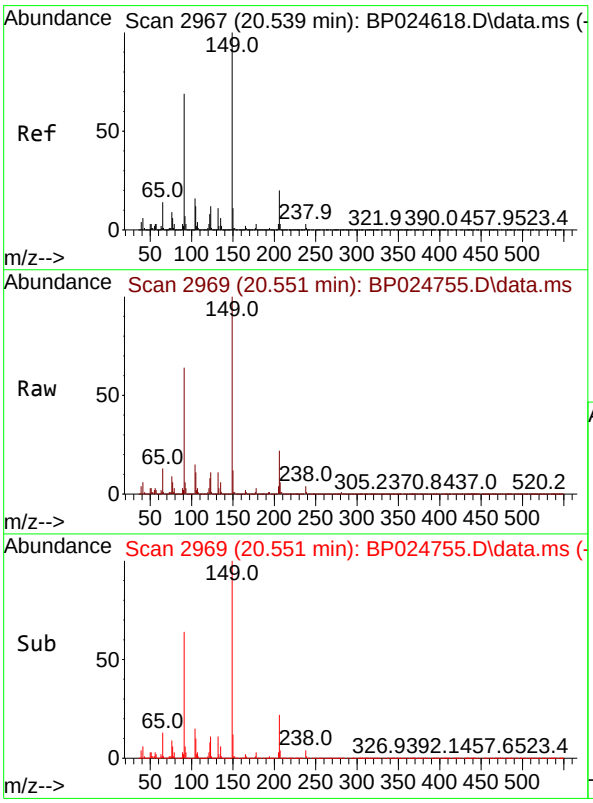
#79
Terphenyl-d14
Concen: 77.900 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:244 Resp: 2976627

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	9.3	7.4	11.0

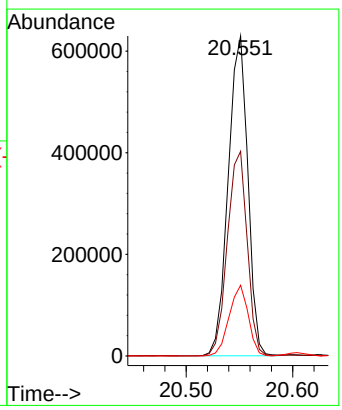


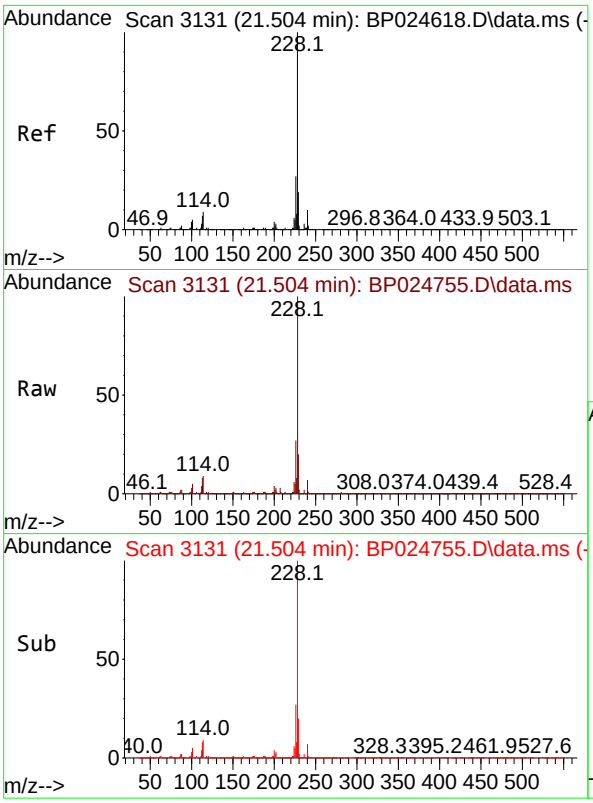


#80
Butylbenzylphthalate
Concen: 46.059 ng
RT: 20.551 min Scan# 2969
Delta R.T. 0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:149 Resp: 804165

Ion	Ratio	Lower	Upper
149	100		
91	64.0	55.4	83.0
206	22.1	16.2	24.2



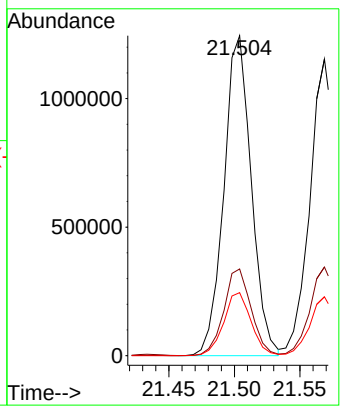


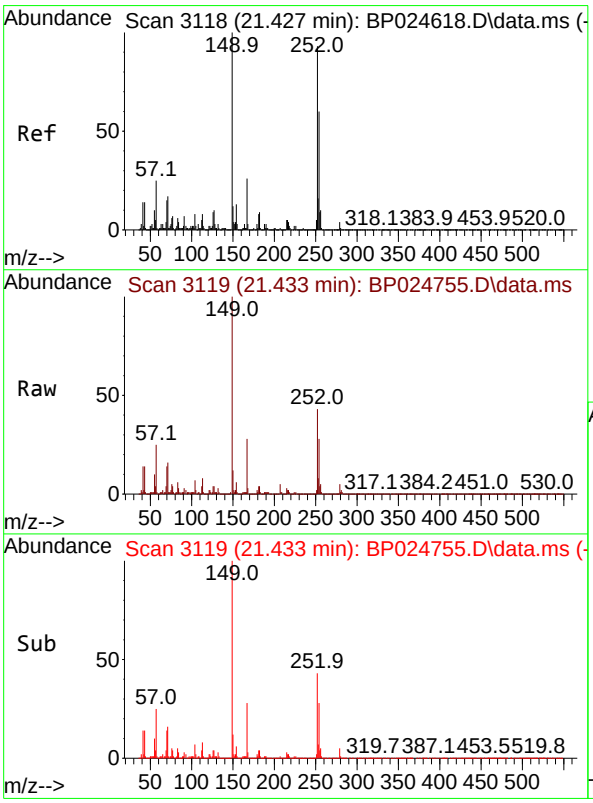
#81
Benzo(a)anthracene
Concen: 43.936 ng
RT: 21.504 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:228 Resp: 1807550

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.7	15.5	23.3

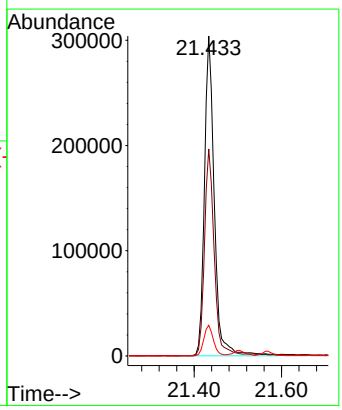


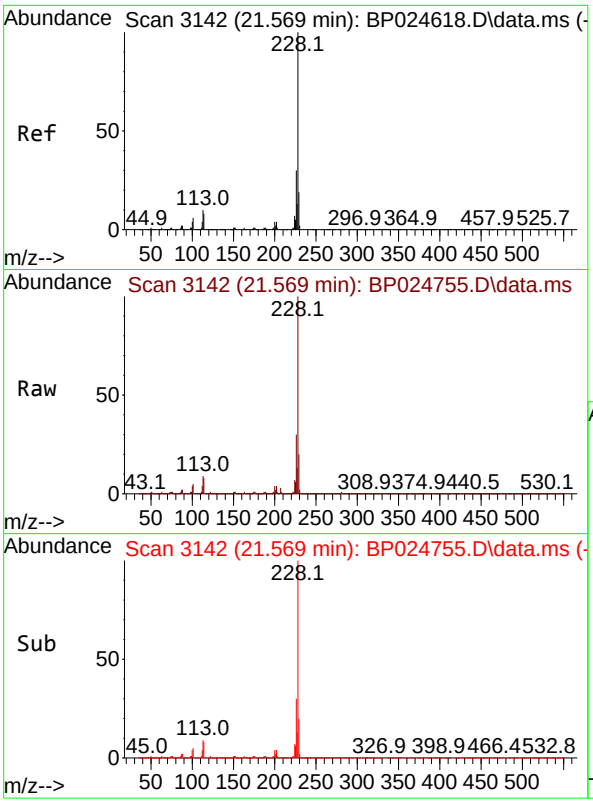


#82
3,3'-Dichlorobenzidine
Concen: 31.292 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:252 Resp: 478160

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.8	77.6
126	9.6	7.7	11.5



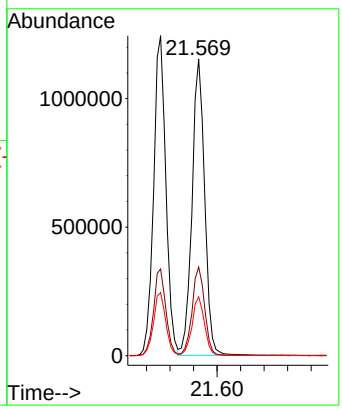


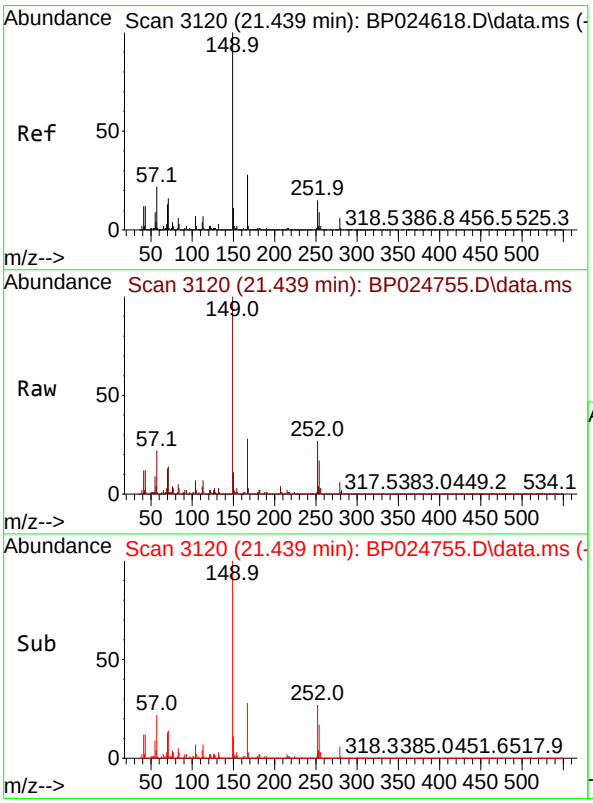
#83
Chrysene
Concen: 44.134 ng
RT: 21.569 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:228 Resp: 1721196

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.9	15.5	23.3

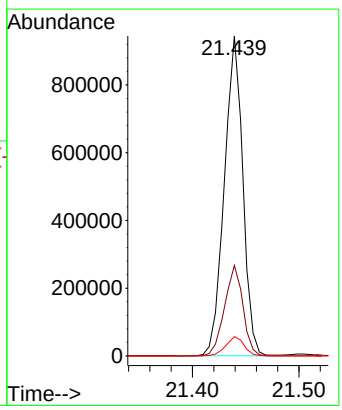


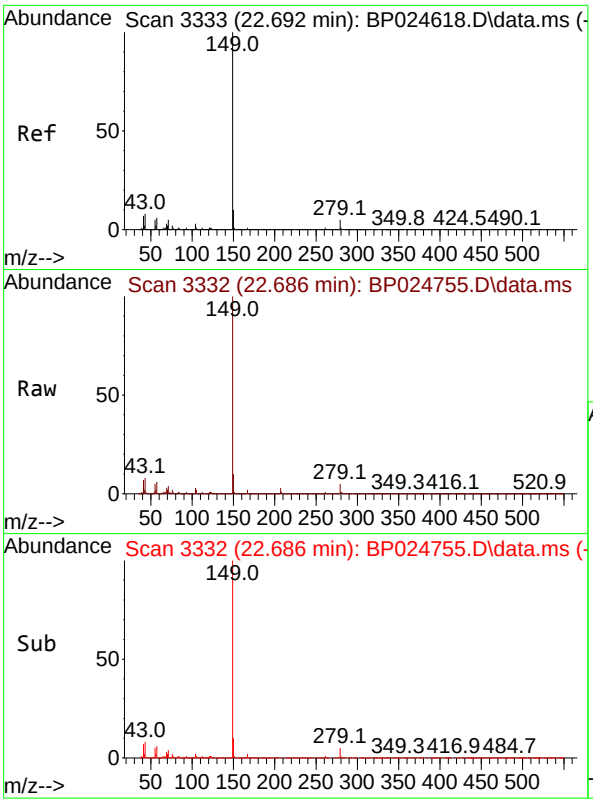


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.240 ng
RT: 21.439 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:149 Resp: 1135308

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	6.1	4.6	6.8



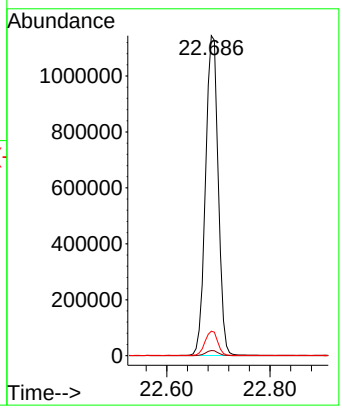


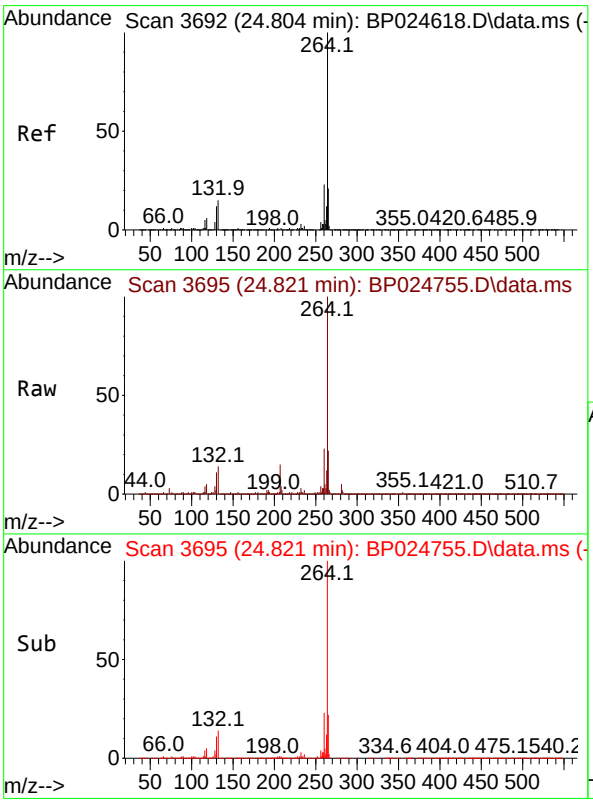
#85
Di-n-octyl phthalate
Concen: 46.278 ng
RT: 22.686 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:149 Resp: 1942063

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

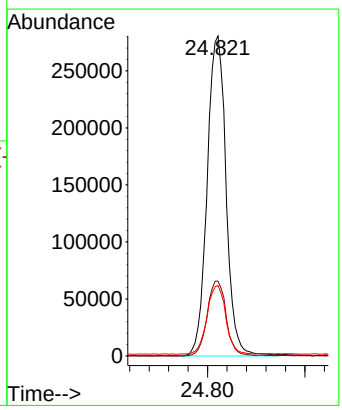


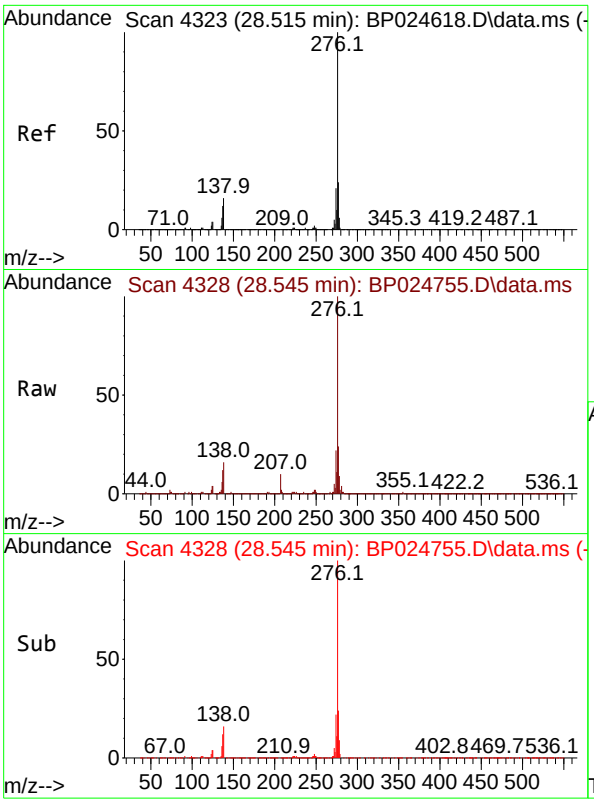


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.821 min Scan# 3695
Delta R.T. 0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:264 Resp: 754804

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.0	17.0	25.6



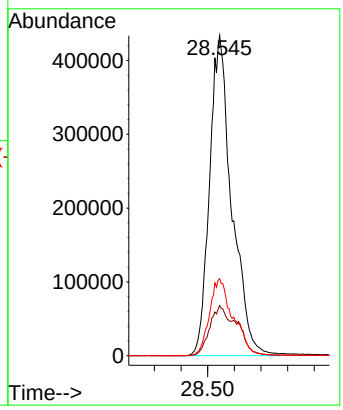


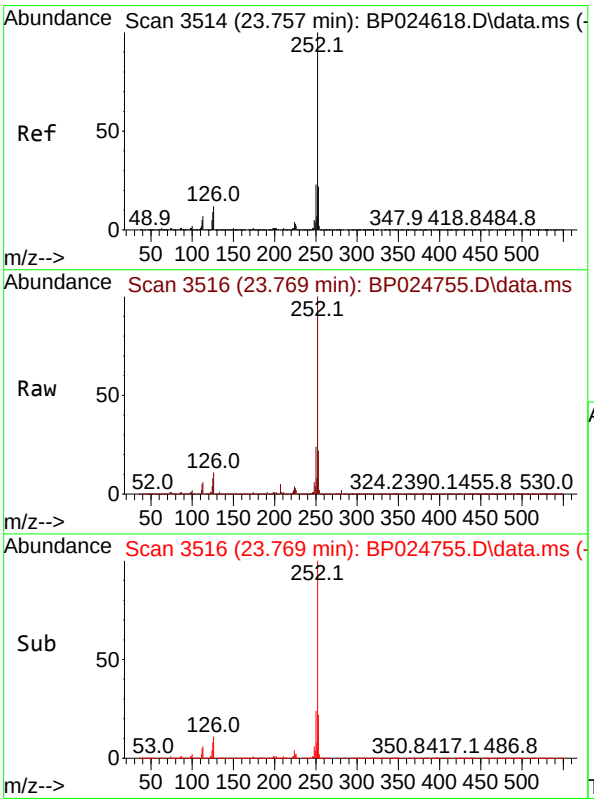
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.679 ng
RT: 28.545 min Scan# 4
Delta R.T. 0.030 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:276 Resp: 2517163

Ion	Ratio	Lower	Upper
276	100		
138	12.7	11.2	16.8
277	25.6	15.7	23.5#

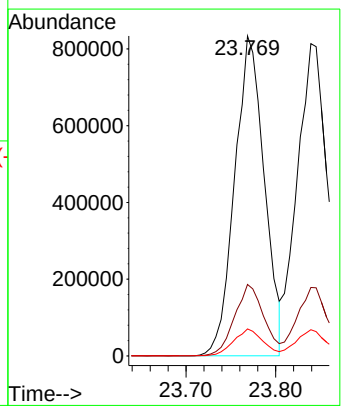


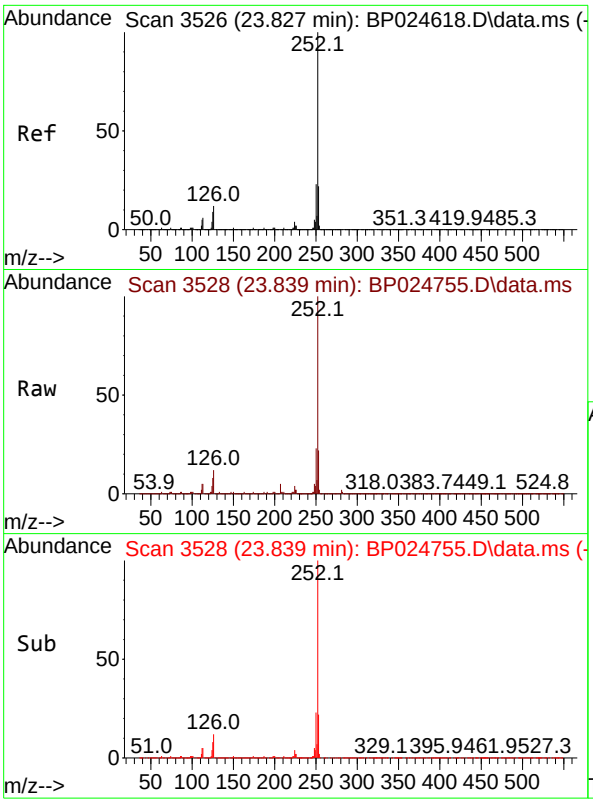


#88
Benzo(b)fluoranthene
Concen: 44.244 ng
RT: 23.769 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:252 Resp: 1911502

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.5	7.5	11.3



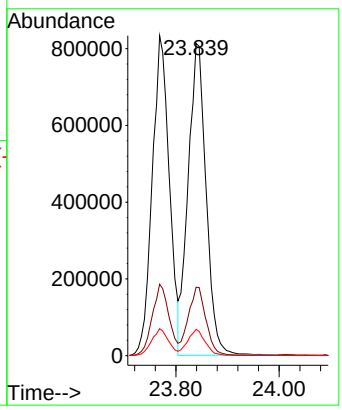


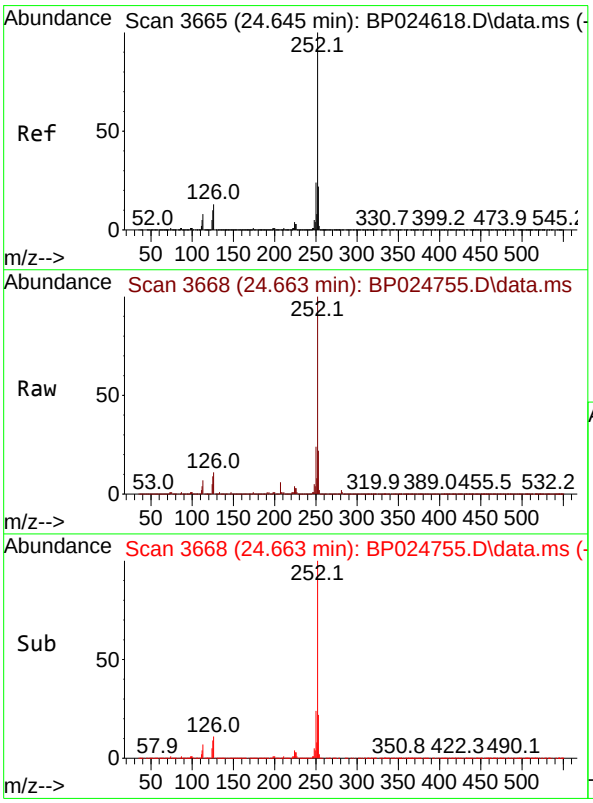
#89
Benzo(k)fluoranthene
Concen: 44.015 ng
RT: 23.839 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:252 Resp: 1959499

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.4	7.0	10.4

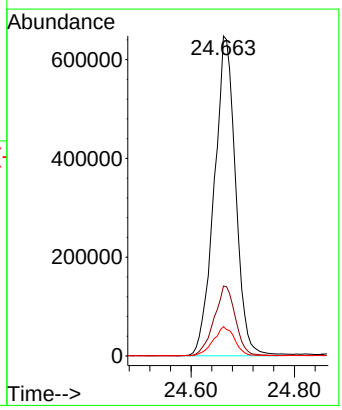


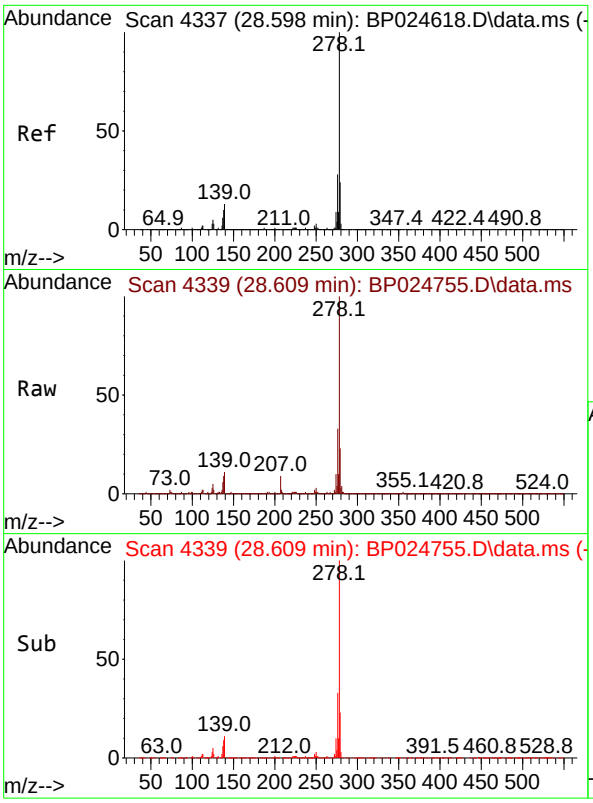


#90
Benzo(a)pyrene
Concen: 44.753 ng
RT: 24.663 min Scan# 3668
Delta R.T. 0.018 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:252 Resp: 1856955

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.2	8.1	12.1



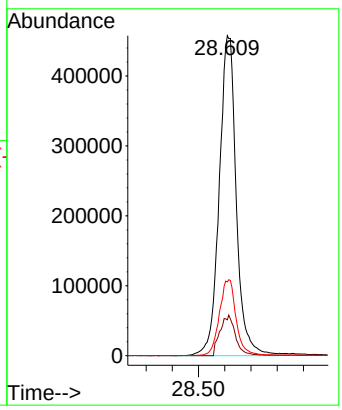


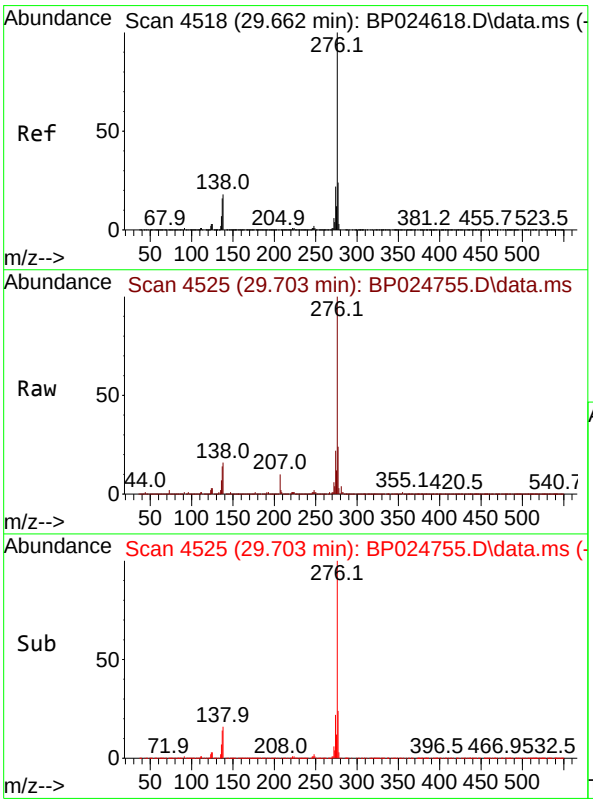
#91
Dibenzo(a,h)anthracene
Concen: 45.952 ng
RT: 28.609 min Scan# 4
Delta R.T. 0.012 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Instrument :
BNA_P
ClientSampleId :
PB168098BS

Tgt Ion:278 Resp: 2060035

Ion	Ratio	Lower	Upper
278	100		
139	11.2	10.2	15.4
279	23.1	19.0	28.4

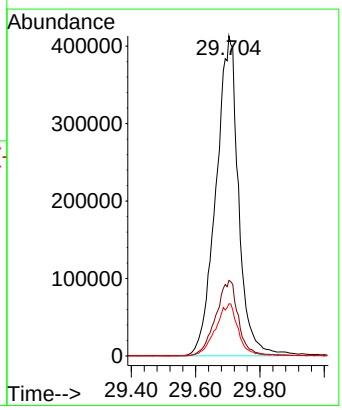




#92
Benzo(g,h,i)perylene
Concen: 44.913 ng
RT: 29.703 min Scan# 4525
Delta R.T. 0.041 min
Lab File: BP024755.D
Acq: 22 May 2025 12:18

Tgt Ion:276 Resp: 2002260

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	16.3	14.4	21.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	PB168098BSD	SDG No.:	Q2075
Lab Sample ID:	PB168098BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024756.D	1	05/21/25 08:40	05/22/25 12:58	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
91-20-3	Naphthalene	43.4		0.50	5.00	ug/L
208-96-8	Acenaphthylene	43.6		0.75	5.00	ug/L
83-32-9	Acenaphthene	43.5		0.55	5.00	ug/L
86-73-7	Fluorene	44.9		0.63	5.00	ug/L
85-01-8	Phenanthrene	44.0		0.50	5.00	ug/L
120-12-7	Anthracene	45.1		0.61	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
129-00-0	Pyrene	45.6		0.50	5.00	ug/L
56-55-3	Benzo(a)anthracene	45.5		0.45	5.00	ug/L
218-01-9	Chrysene	44.4		0.44	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	46.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	45.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	46.1		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.9		0.69	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.9		49 - 133	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.8		52 - 132	77%	SPK: 100
1718-51-0	Terphenyl-d14	81.5		48 - 125	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	7.652			
1146-65-2	Naphthalene-d8	523000	10.416			
15067-26-2	Acenaphthene-d10	339000	14.287			
1517-22-2	Phenanthrene-d10	687000	17.092			
1719-03-5	Chrysene-d12	769000	21.51			
1520-96-3	Perylene-d12	836000	24.786			

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

Report of Analysis

Client:	CDM Smith			Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY			Date Received:	
Client Sample ID:	PB168098BSD			SDG No.:	Q2075
Lab Sample ID:	PB168098BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group3
Extraction Type :		Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024756.D	1	05/21/25 08:40	05/22/25 12:58	PB168098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	126327	20.000	ng		-0.01
21) Naphthalene-d8	10.416	136	523024	20.000	ng		-0.02
39) Acenaphthene-d10	14.287	164	338733	20.000	ng		-0.02
64) Phenanthrene-d10	17.092	188	686645	20.000	ng		0.00
76) Chrysene-d12	21.510	240	768545	20.000	ng		-0.01
86) Perylene-d12	24.786	264	835982	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1006990	136.339	ng		0.00
7) Phenol-d6	6.858	99	1245584	132.137	ng		0.00
23) Nitrobenzene-d5	8.805	82	764802	73.883	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	848083	147.685	ng		0.00
45) 2-Fluorobiphenyl	12.899	172	1985294	76.786	ng		0.00
79) Terphenyl-d14	19.816	244	3652739	81.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	107291	30.935	ng		98
3) Pyridine	3.617	79	272244	35.401	ng		97
4) n-Nitrosodimethylamine	3.528	42	142518	41.978	ng		95
6) Aniline	6.993	93	278550	22.887	ng		99
8) 2-Chlorophenol	7.234	128	400340	47.747	ng		99
9) Benzaldehyde	6.811	77	221040	36.224	ng		97
10) Phenol	6.881	94	447784	46.024	ng		98
11) bis(2-Chloroethyl)ether	7.087	93	321348	40.196	ng		99
12) 1,3-Dichlorobenzene	7.546	146	411266	42.633	ng		98
13) 1,4-Dichlorobenzene	7.687	146	421327	43.426	ng		98
14) 1,2-Dichlorobenzene	7.999	146	408503	43.209	ng		99
15) Benzyl Alcohol	7.899	79	325668	45.463	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	379444	39.632	ng		99
17) 2-Methylphenol	8.111	107	324116	46.447	ng		98
18) Hexachloroethane	8.716	117	154783	41.631	ng		98
19) n-Nitroso-di-n-propyla...	8.452	70	254858	39.085	ng		96
20) 3+4-Methylphenols	8.440	107	431650	45.474	ng		98
22) Acetophenone	8.469	105	553115	42.336	ng	#	99
24) Nitrobenzene	8.846	77	382330	41.971	ng		94
25) Isophorone	9.369	82	732635	40.802	ng		97
26) 2-Nitrophenol	9.546	139	218042	48.847	ng		98
27) 2,4-Dimethylphenol	9.622	122	369301	46.925	ng		100
28) bis(2-Chloroethoxy)met...	9.840	93	441817	41.185	ng		99
29) 2,4-Dichlorophenol	10.093	162	375212	49.198	ng		97
30) 1,2,4-Trichlorobenzene	10.287	180	383813	44.659	ng		98
31) Naphthalene	10.469	128	1176453	43.406	ng		100
32) Benzoic acid	9.810	122	270871m	49.215	ng		
33) 4-Chloroaniline	10.605	127	165916	15.170	ng		99
34) Hexachlorobutadiene	10.752	225	250650	45.021	ng		96
35) Caprolactam	11.387	113	126254	45.756	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	436668	46.951	ng		99
37) 2-Methylnaphthalene	12.081	142	753865	42.956	ng		99
38) 1-Methylnaphthalene	12.304	142	807085	42.981	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	446029	45.345	ng		100
41) Hexachlorocyclopentadiene	12.434	237	507943	85.162	ng		97
43) 2,4,6-Trichlorophenol	12.710	196	314461	49.357	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

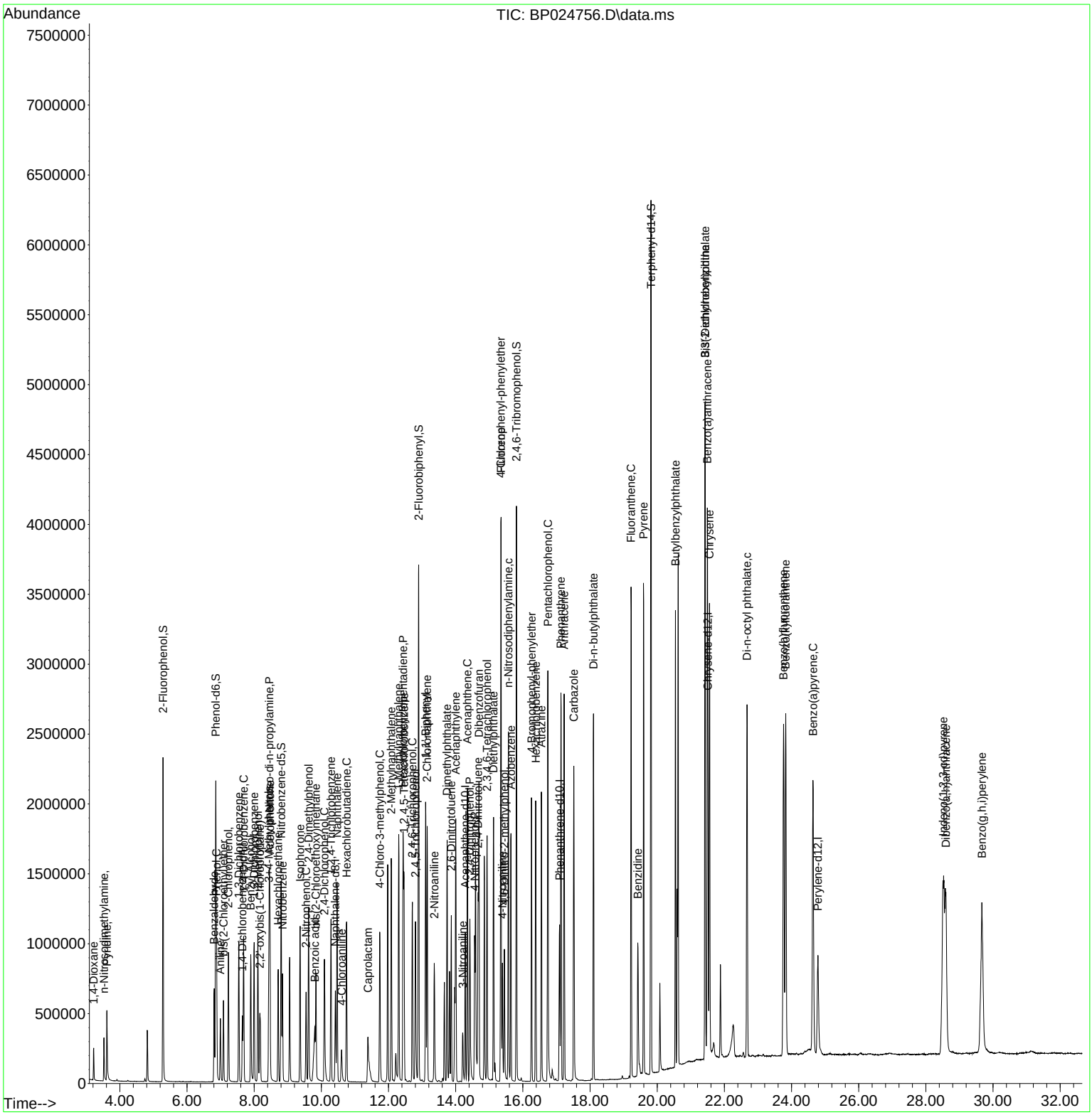
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	349258	49.247	ng		96
46) 1,1'-Biphenyl	13.104	154	1090713	43.566	ng		99
47) 2-Chloronaphthalene	13.152	162	833303	43.653	ng		99
48) 2-Nitroaniline	13.363	65	249151	44.085	ng		96
49) Acenaphthylene	14.004	152	1391550	43.560	ng		99
50) Dimethylphthalate	13.746	163	1142952	44.269	ng		100
51) 2,6-Dinitrotoluene	13.869	165	247920	45.467	ng		99
52) Acenaphthene	14.351	154	799545	43.536	ng		99
53) 3-Nitroaniline	14.210	138	117478	21.100	ng		96
54) 2,4-Dinitrophenol	14.422	184	322278	92.631	ng		96
55) Dibenzofuran	14.693	168	1288076	43.972	ng		100
56) 4-Nitrophenol	14.563	139	402969	83.411	ng		97
57) 2,4-Dinitrotoluene	14.669	165	365228	47.511	ng		97
58) Fluorene	15.351	166	1071652	44.866	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	317896	48.321	ng		98
60) Diethylphthalate	15.128	149	1184185	45.380	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	547042	45.924	ng		100
62) 4-Nitroaniline	15.393	138	254227m	47.290	ng		
63) Azobenzene	15.645	77	949950	42.554	ng		95
65) 4,6-Dinitro-2-methylph...	15.451	198	218741	49.318	ng		97
66) n-Nitrosodiphenylamine	15.569	169	961369	45.582	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	378264	46.751	ng		97
68) Hexachlorobenzene	16.387	284	480414	46.728	ng		94
69) Atrazine	16.551	200	373961	48.382	ng		98
70) Pentachlorophenol	16.745	266	621802	107.740	ng		99
71) Phenanthrene	17.134	178	1679605	44.002	ng		100
72) Anthracene	17.228	178	1732101	45.101	ng		99
73) Carbazole	17.516	167	1619014	46.577	ng		100
74) Di-n-butylphthalate	18.104	149	2111662	47.236	ng		100
75) Fluoranthene	19.222	202	2044320	45.816	ng		99
77) Benzidine	19.422	184	742781	35.485	ng		99
78) Pyrene	19.592	202	2099503	45.592	ng		99
80) Butylbenzylphthalate	20.545	149	992487	48.461	ng		95
81) Benzo(a)anthracene	21.492	228	2194524	45.475	ng		99
82) 3,3'-Dichlorobenzidine	21.428	252	544789	30.394	ng		99
83) Chrysene	21.557	228	2031513	44.408	ng		100
84) Bis(2-ethylhexyl)phtha...	21.428	149	1478644	49.121	ng		99
85) Di-n-octyl phthalate	22.675	149	2442323	49.615	ng		99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2735441	44.820	ng	#	92
88) Benzo(b)fluoranthene	23.763	252	2233590	46.679	ng		99
89) Benzo(k)fluoranthene	23.827	252	2248794	45.608	ng		99
90) Benzo(a)pyrene	24.639	252	2120304	46.138	ng		98
91) Dibenzo(a,h)anthracene	28.598	278	2246534	45.246	ng		99
92) Benzo(g,h,i)perylene	29.668	276	2167806	43.905	ng		97

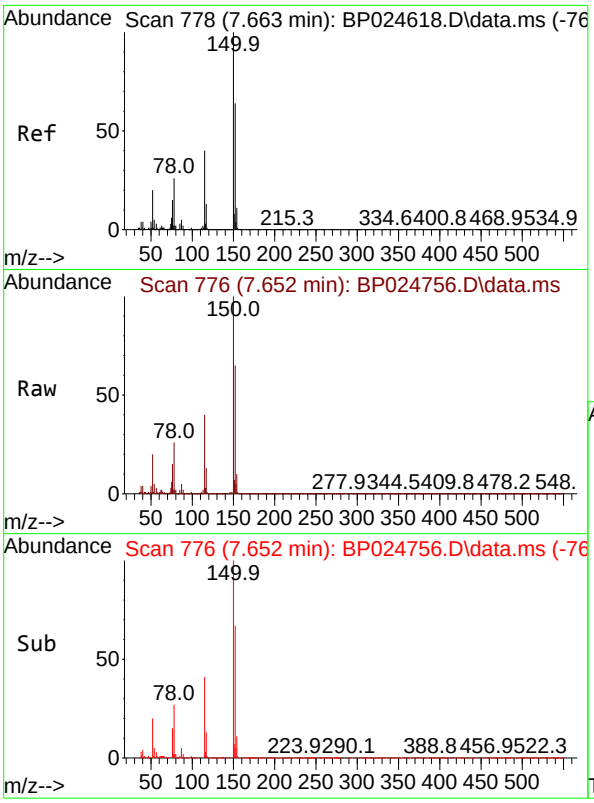
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
Data File : BP024756.D
Acq On : 22 May 2025 12:58
Operator : RC/JU
Sample : PB168098BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Quant Time: May 22 13:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



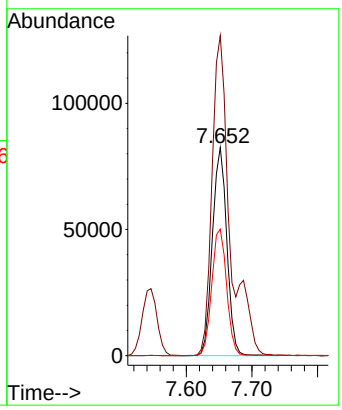


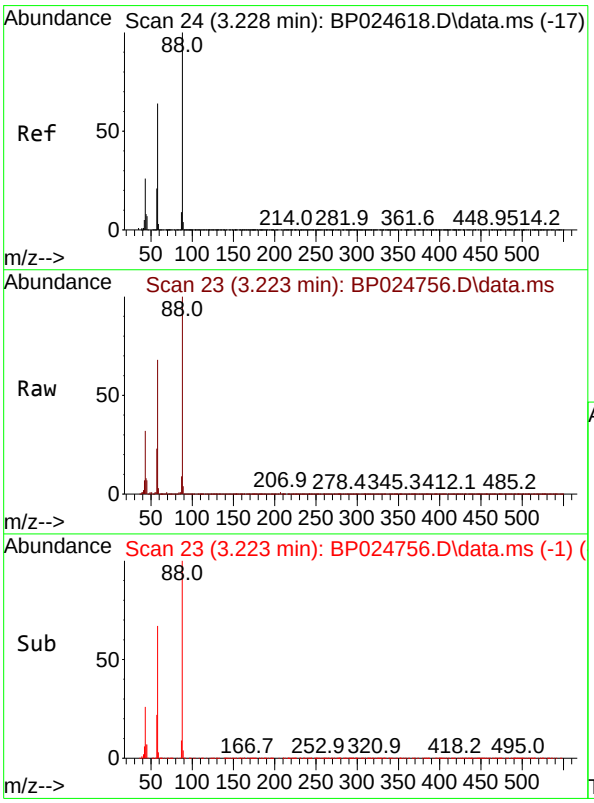
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:152 Resp: 126327

Ion	Ratio	Lower	Upper
152	100		
150	153.7	125.9	188.9
115	60.8	50.1	75.1

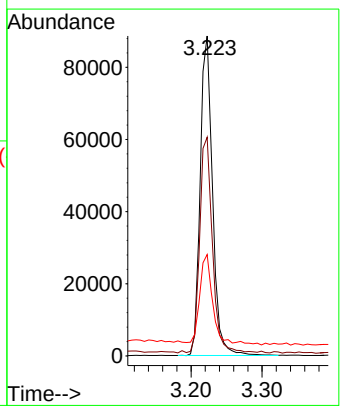


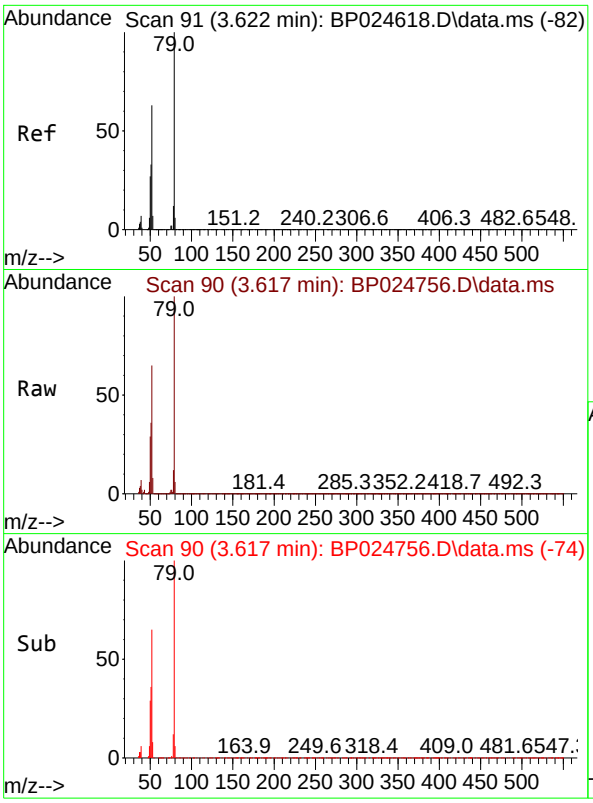


#2
1,4-Dioxane
Concen: 30.935 ng
RT: 3.223 min Scan# 23
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 88 Resp: 107291

Ion	Ratio	Lower	Upper
88	100		
58	69.8	54.0	81.0
43	27.1	21.4	32.0



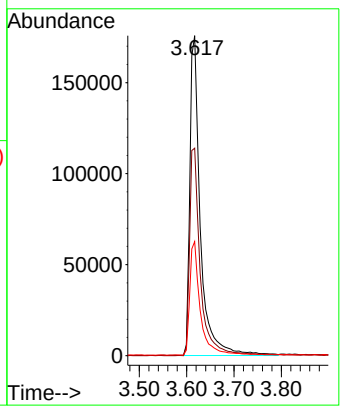


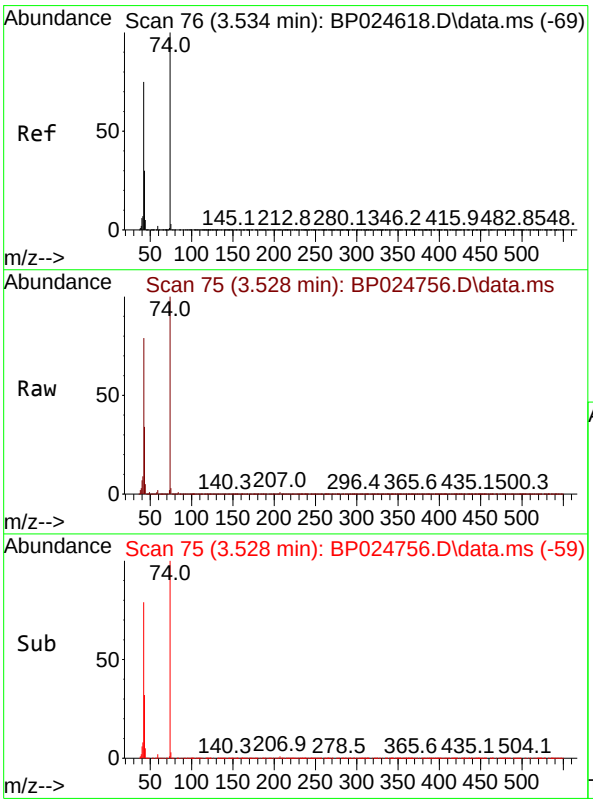
#3
Pyridine
Concen: 35.401 ng
RT: 3.617 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 79 Resp: 272244

Ion	Ratio	Lower	Upper
79	100		
52	64.8	50.2	75.2
51	35.7	26.8	40.2

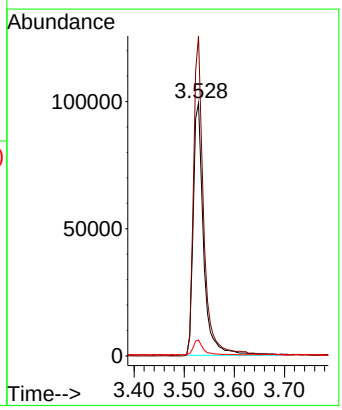


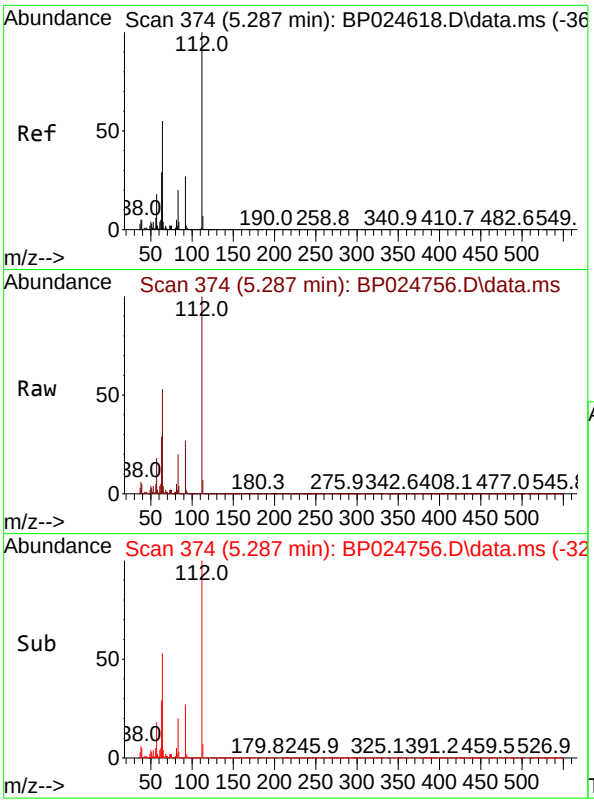


#4
n-Nitrosodimethylamine
Concen: 41.978 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 42 Resp: 142518

Ion	Ratio	Lower	Upper
42	100		
74	126.5	106.2	159.2
44	6.2	5.4	8.2



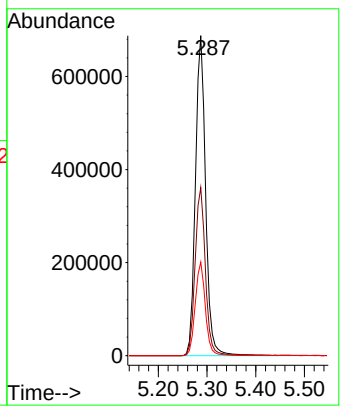


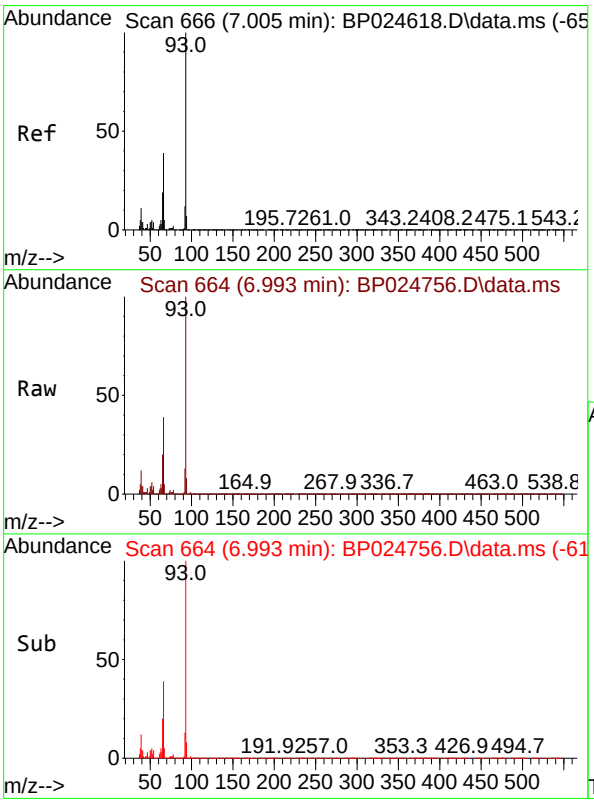
#5
2-Fluorophenol
Concen: 136.339 ng
RT: 5.287 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:112 Resp: 1006990

Ion	Ratio	Lower	Upper
112	100		
64	52.6	44.1	66.1
63	29.2	23.5	35.3

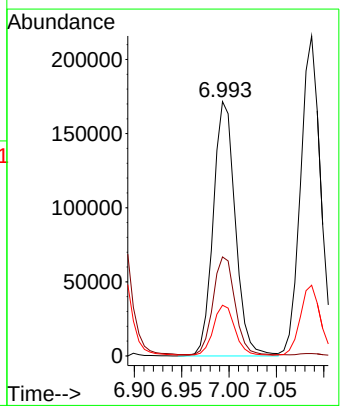


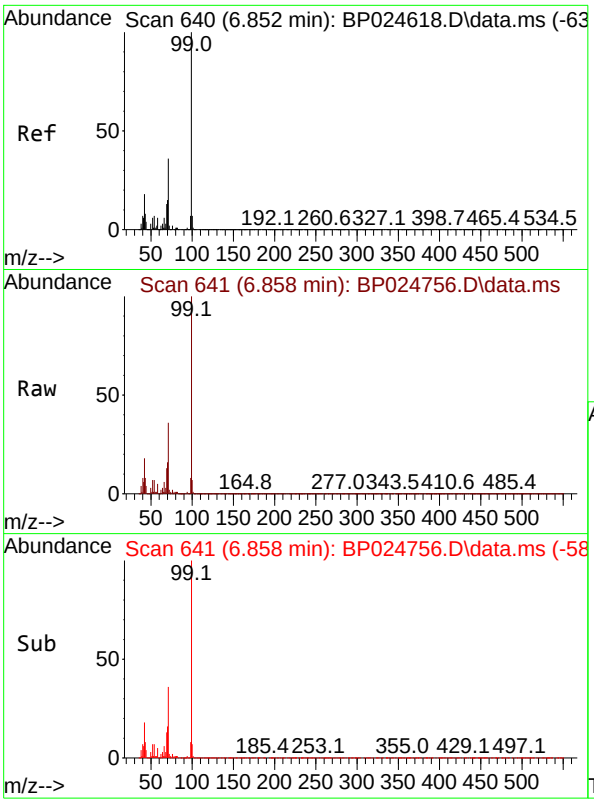


#6
Aniline
Concen: 22.887 ng
RT: 6.993 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 93 Resp: 278550

Ion	Ratio	Lower	Upper
93	100		
66	38.9	31.0	46.6
65	19.9	15.5	23.3



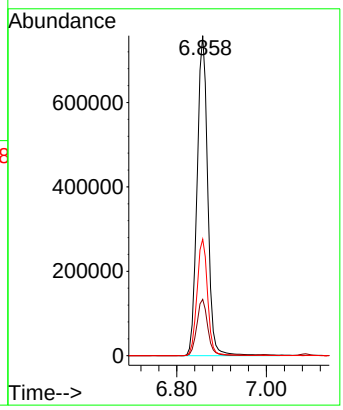


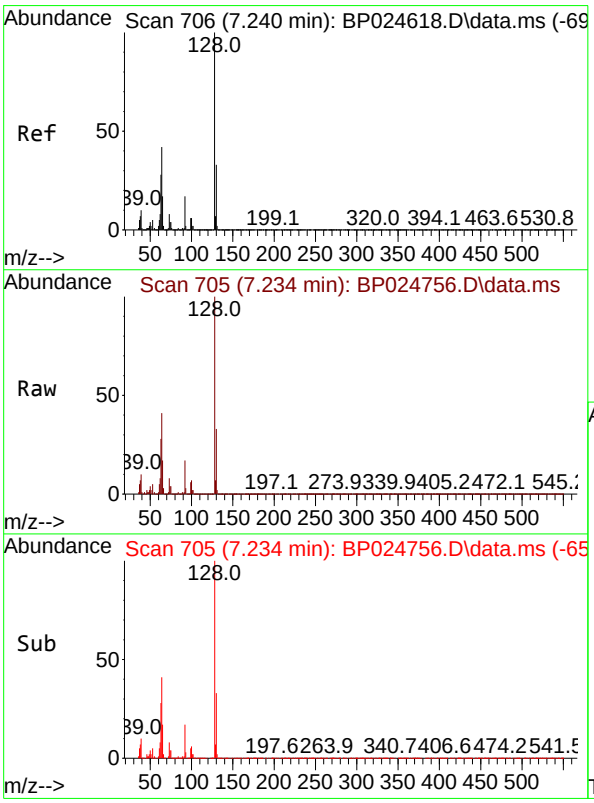
#7
Phenol-d6
Concen: 132.137 ng
RT: 6.858 min Scan# 64
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 99 Resp: 1245584

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.4	21.6
71	36.4	29.2	43.8

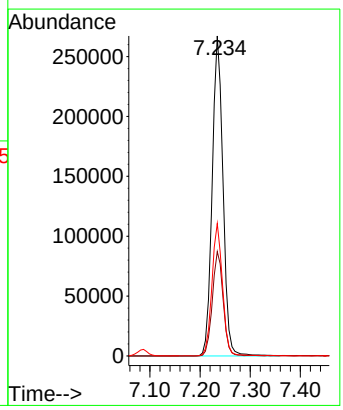


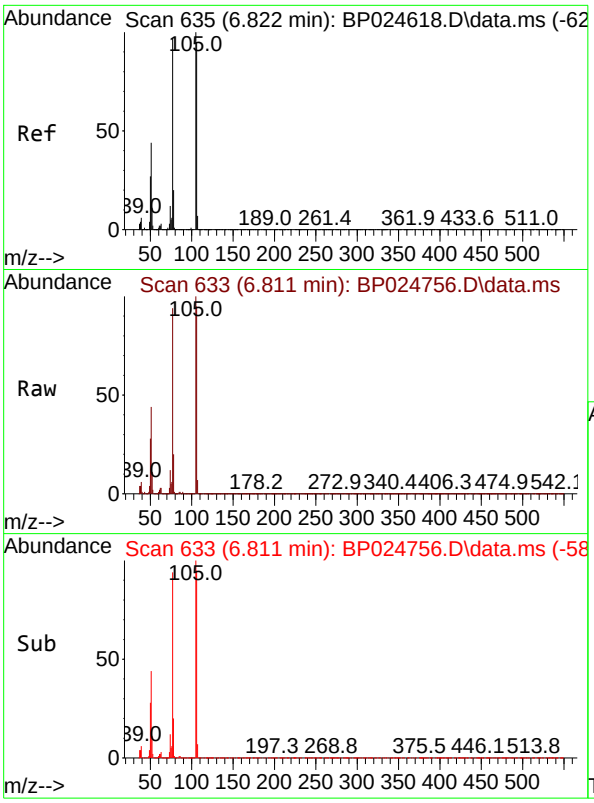


#8
2-Chlorophenol
Concen: 47.747 ng
RT: 7.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:128 Resp: 400340

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.0	53.0
64	41.4	22.3	62.3



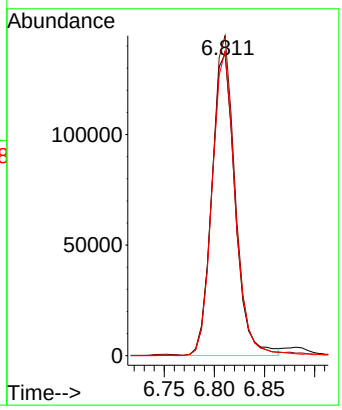


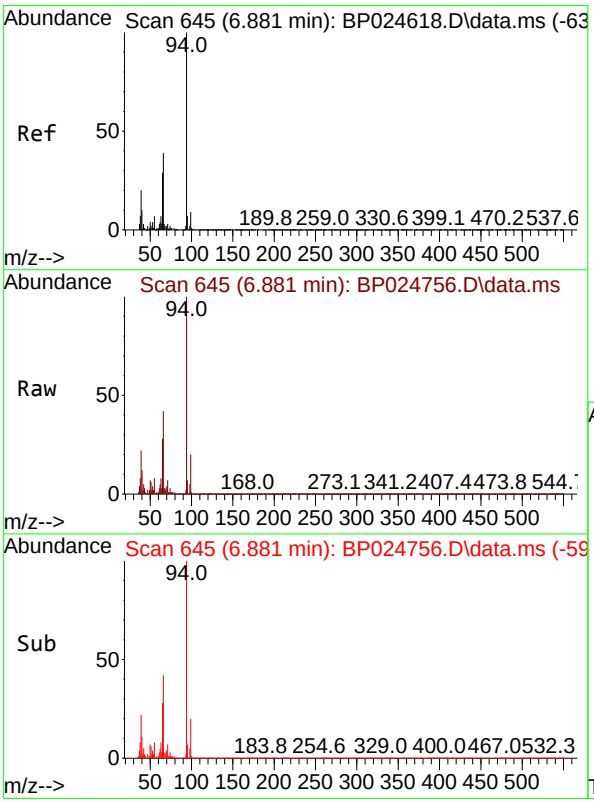
#9
Benzaldehyde
Concen: 36.224 ng
RT: 6.811 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 77 Resp: 221040

Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.3	123.3
106	100.8	78.0	118.0

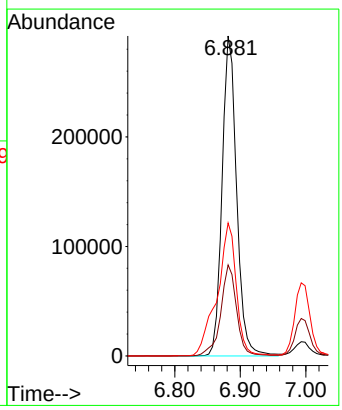


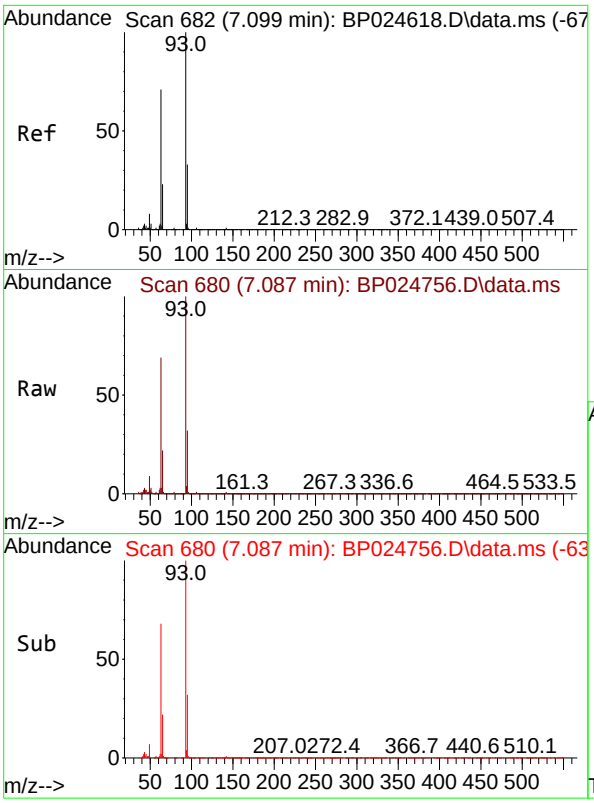


#10
Phenol
Concen: 46.024 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 94 Resp: 447784

Ion	Ratio	Lower	Upper
94	100		
65	28.5	8.7	48.7
66	41.6	19.4	59.4



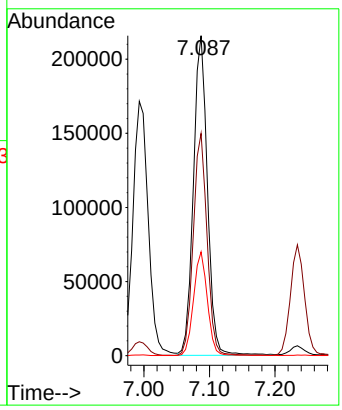


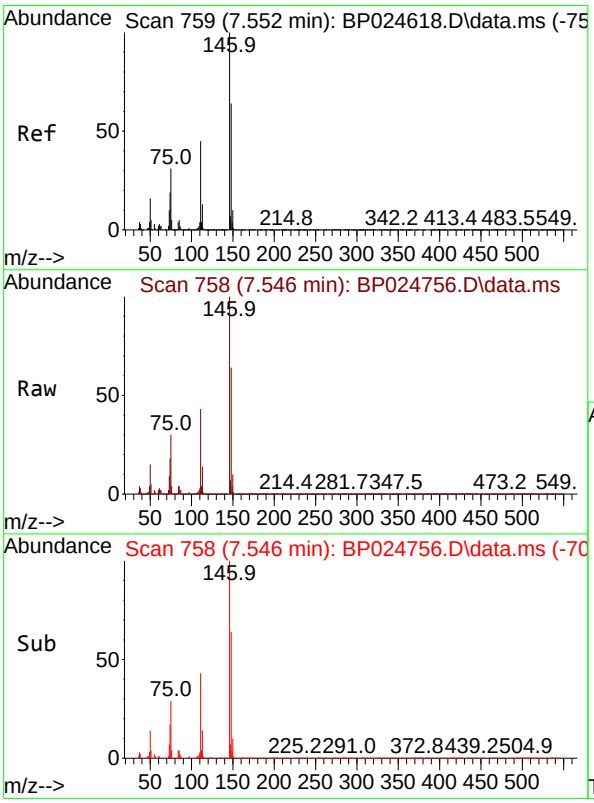
#11
bis(2-Chloroethyl)ether
Concen: 40.196 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 93 Resp: 321348

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.6	90.6
95	32.4	12.9	52.9

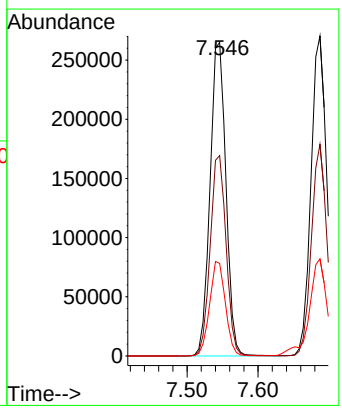


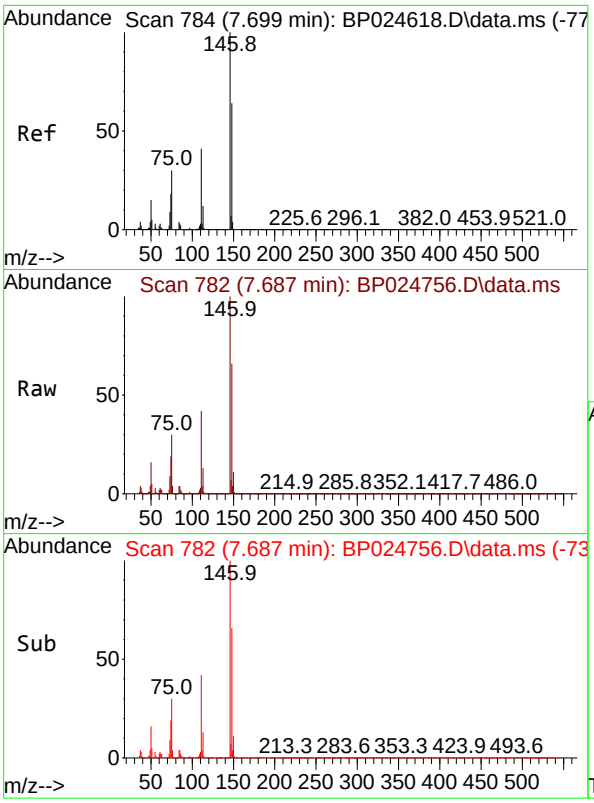


#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 7.546 min Scan# 758
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:146 Resp: 411266

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
75	29.5	25.2	37.8



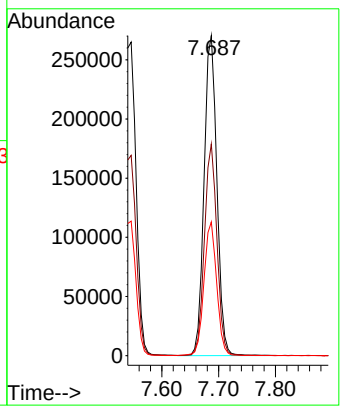


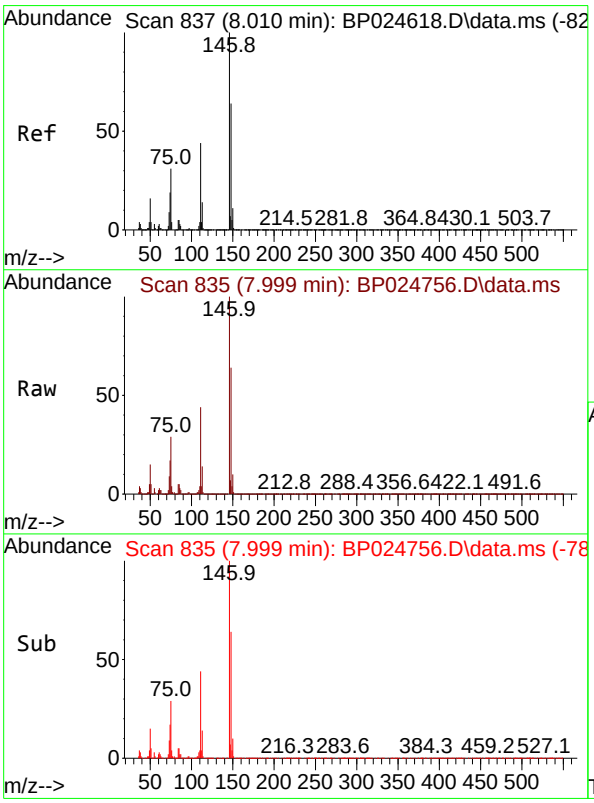
#13
1,4-Dichlorobenzene
Concen: 43.426 ng
RT: 7.687 min Scan# 7
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:146 Resp: 421327

Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.0	76.6
111	41.8	33.0	49.6

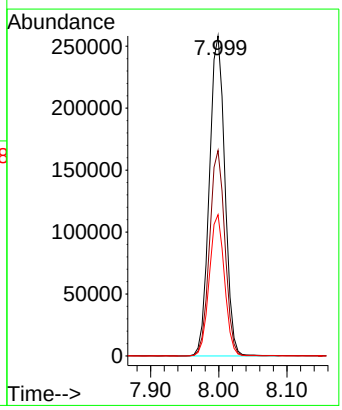


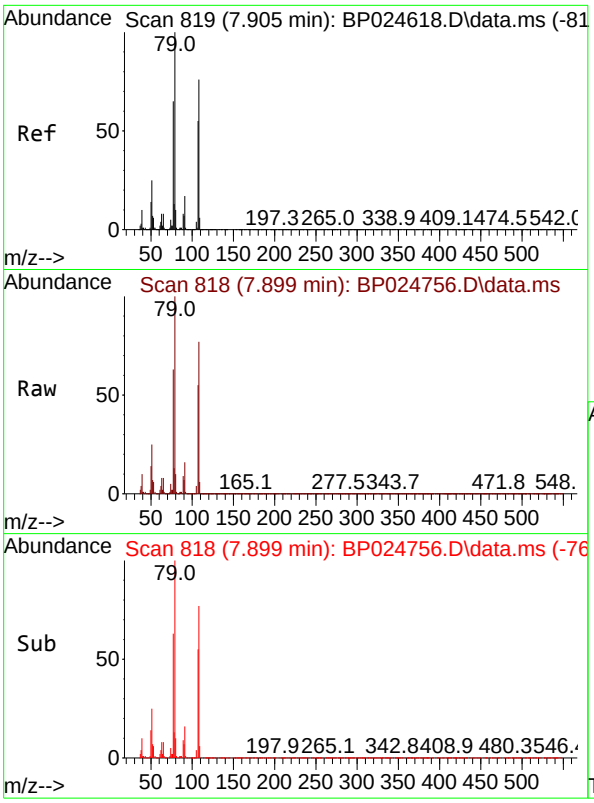


#14
1,2-Dichlorobenzene
Concen: 43.209 ng
RT: 7.999 min Scan# 835
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:146 Resp: 408503

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	44.2	35.2	52.8



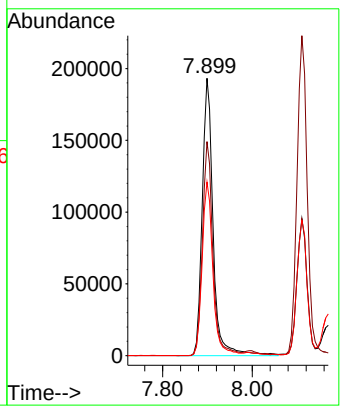


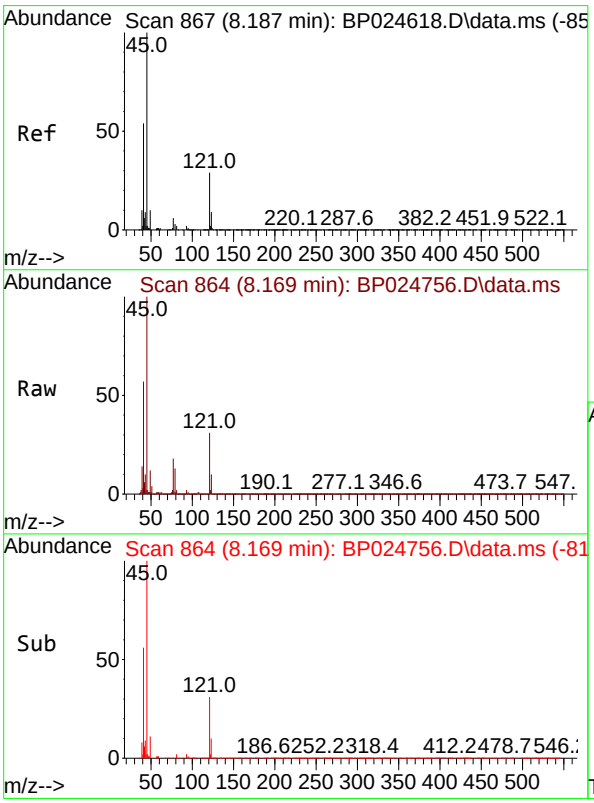
#15
Benzyl Alcohol
Concen: 45.463 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 79 Resp: 325668

Ion	Ratio	Lower	Upper
79	100		
108	77.2	60.8	91.2
77	62.6	51.9	77.9

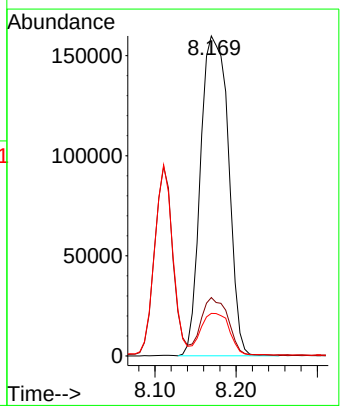


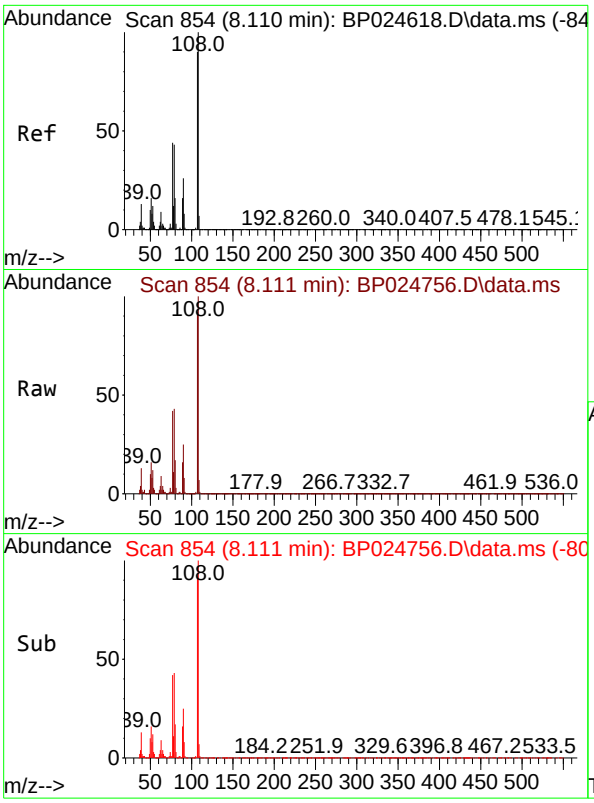


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.632 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 45 Resp: 379444

Ion	Ratio	Lower	Upper
45	100		
77	18.2	0.0	37.7
79	13.3	0.0	34.0



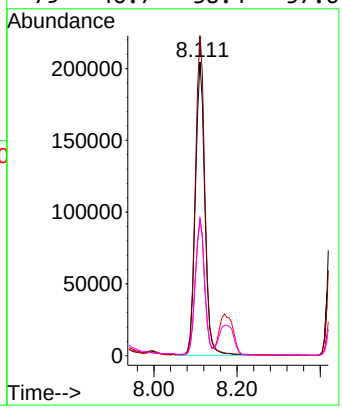


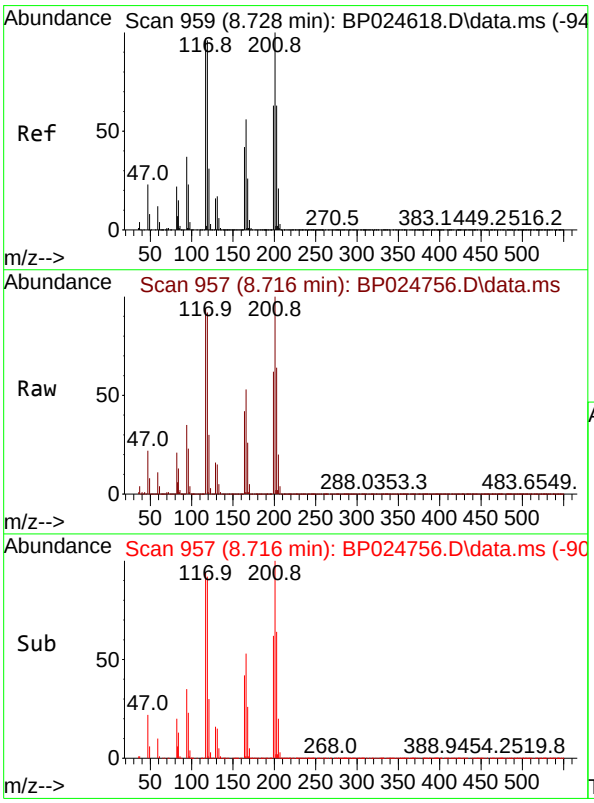
#17
2-Methylphenol
Concen: 46.447 ng
RT: 8.111 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:107 Resp: 324116

Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.9	133.3
77	46.2	39.0	58.6
79	46.7	38.4	57.6

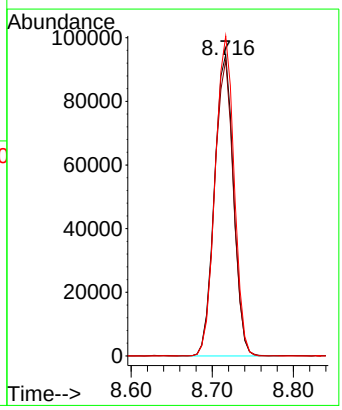


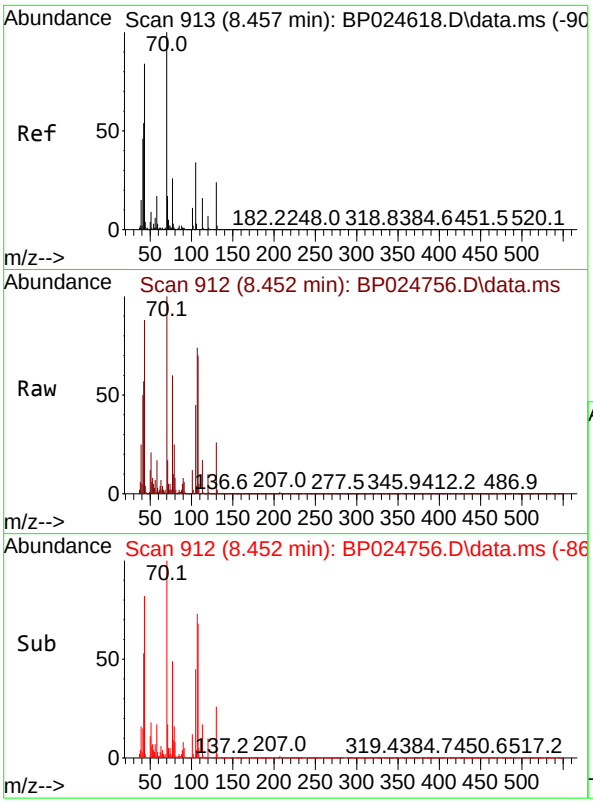


#18
Hexachloroethane
Concen: 41.631 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:117 Resp: 154783

Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.4	119.0
201	106.1	82.7	124.1



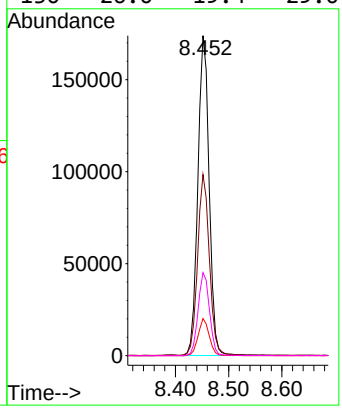


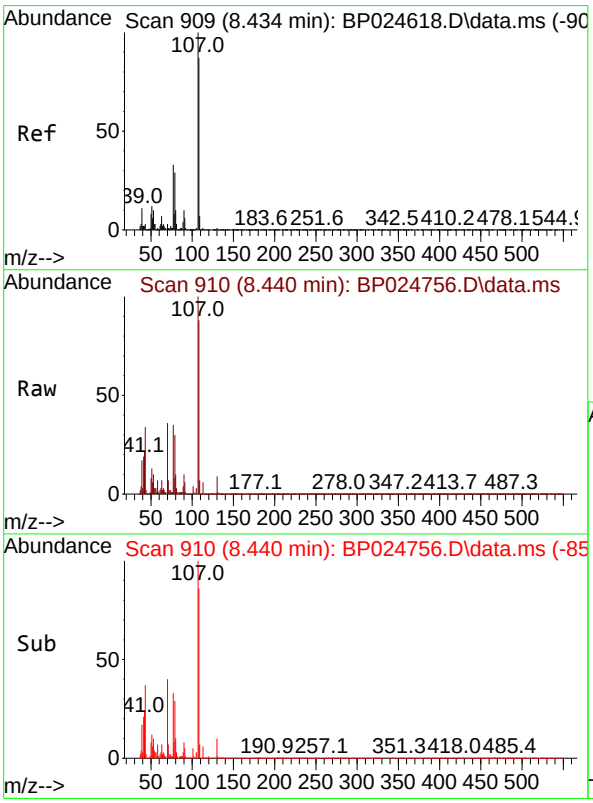
#19
n-Nitroso-di-n-propylamine
Concen: 39.085 ng
RT: 8.452 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 70 Resp: 254858

Ion	Ratio	Lower	Upper
70	100		
42	56.6	43.0	64.6
101	11.6	8.7	13.1
130	26.0	19.4	29.0

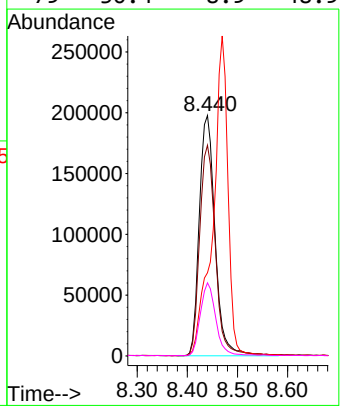


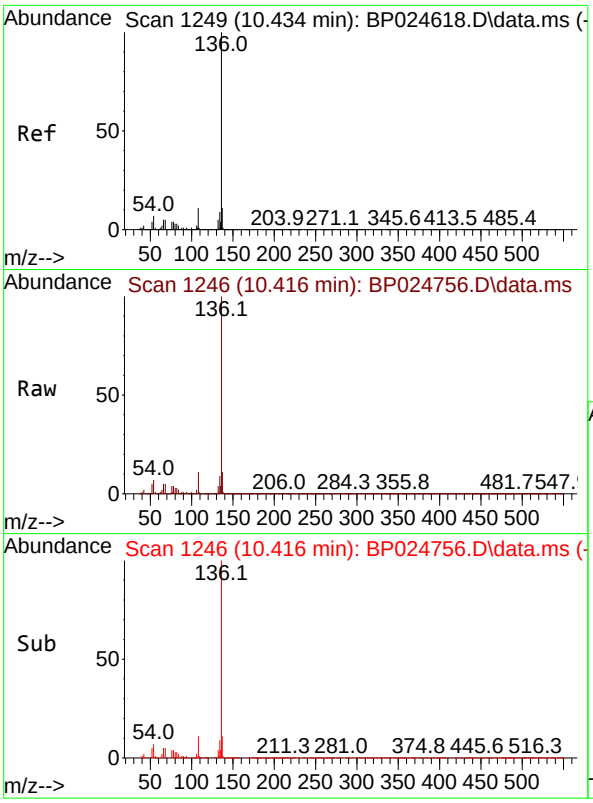


#20
3+4-Methylphenols
Concen: 45.474 ng
RT: 8.440 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:107 Resp: 431650

Ion	Ratio	Lower	Upper
107	100		
108	87.6	66.7	106.7
77	34.6	13.1	53.1
79	30.4	8.9	48.9



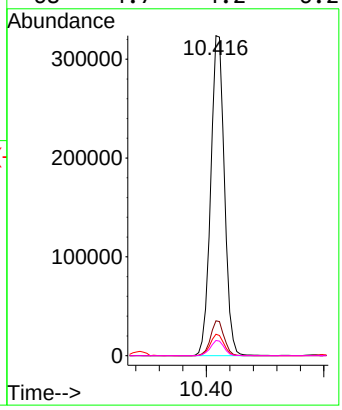


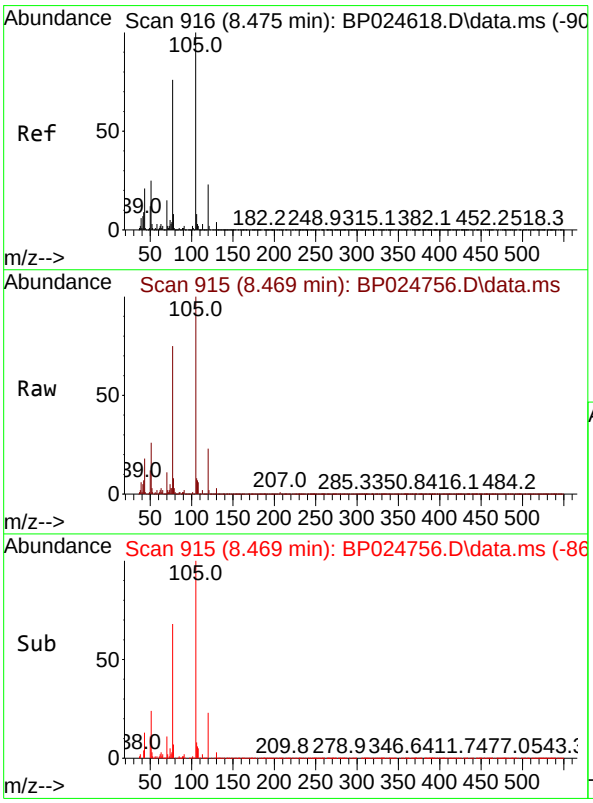
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:136 Resp: 523024

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.5	8.3
68	4.7	4.2	6.2

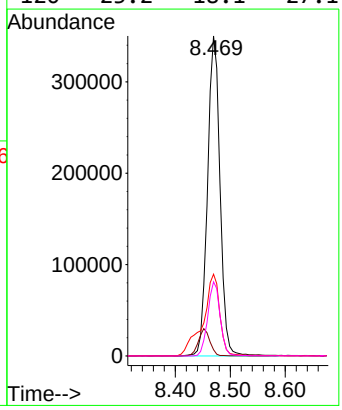


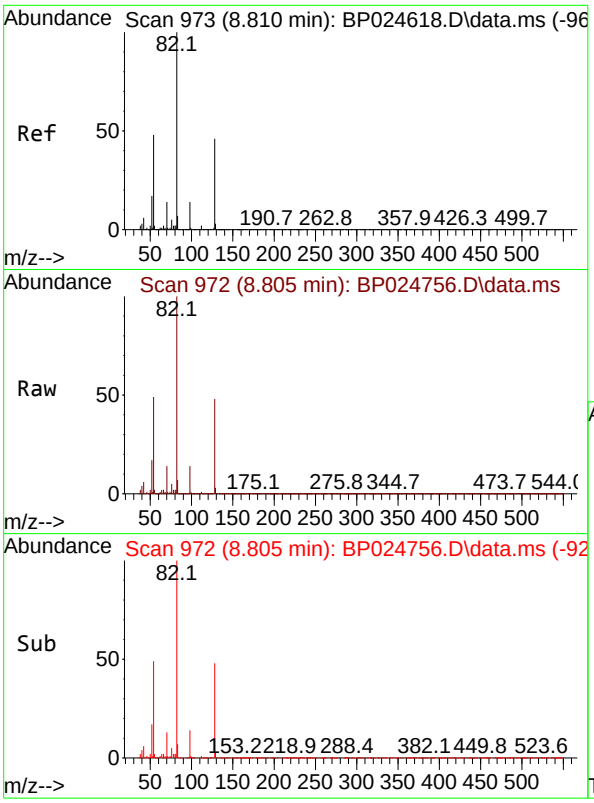


#22
Acetophenone
Concen: 42.336 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:105 Resp: 553115

Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	25.6	20.4	30.6
120	23.2	18.1	27.1



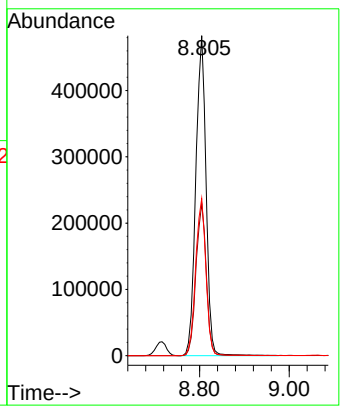


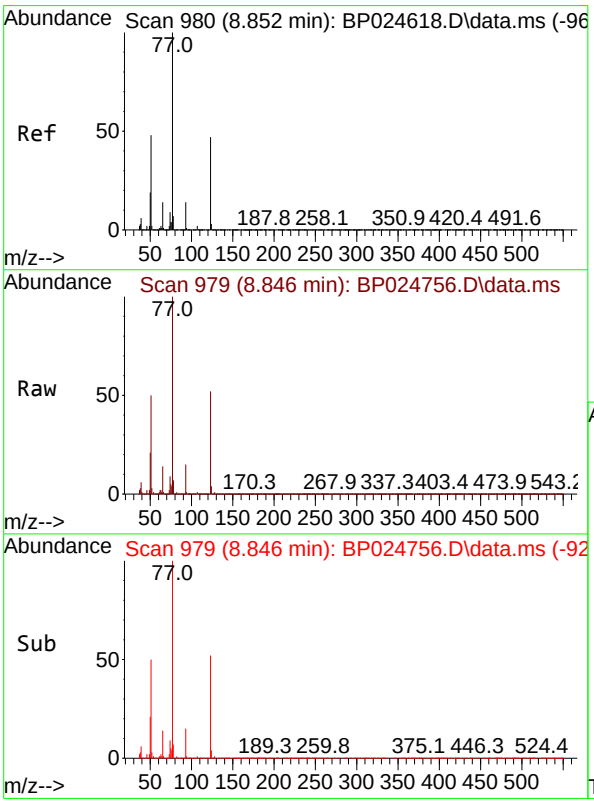
#23
Nitrobenzene-d5
Concen: 73.883 ng
RT: 8.805 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 82 Resp: 764802

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.4
54	49.1	38.7	58.1

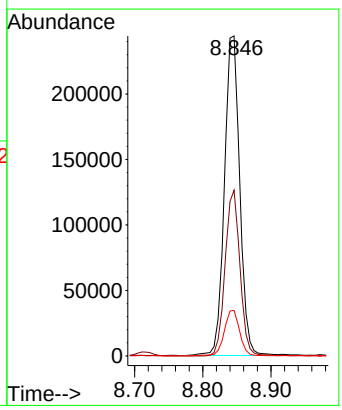


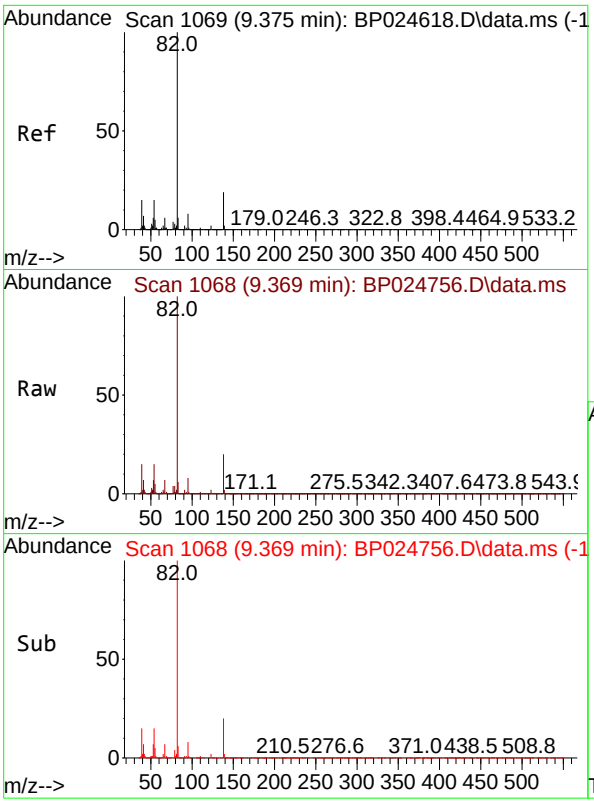


#24
Nitrobenzene
Concen: 41.971 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 77 Resp: 382330

Ion	Ratio	Lower	Upper
77	100		
123	51.8	37.4	56.0
65	14.2	11.3	16.9



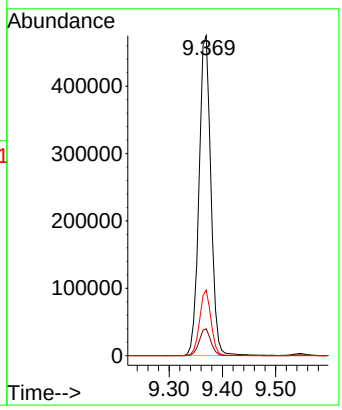


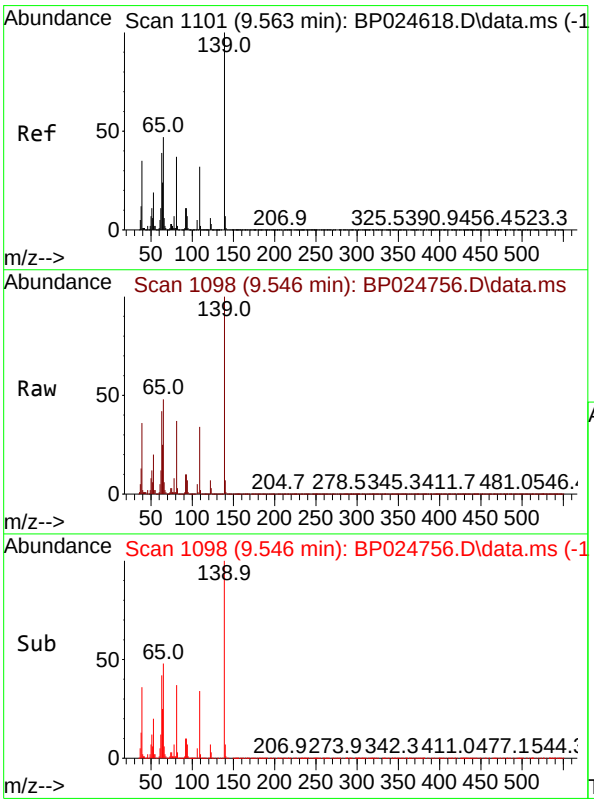
#25
Isophorone
Concen: 40.802 ng
RT: 9.369 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 82 Resp: 732635

Ion	Ratio	Lower	Upper
82	100		
95	8.4	6.3	9.5
138	20.4	15.3	22.9

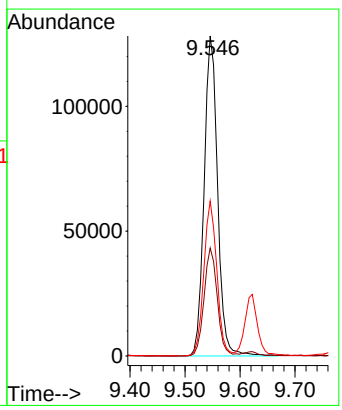


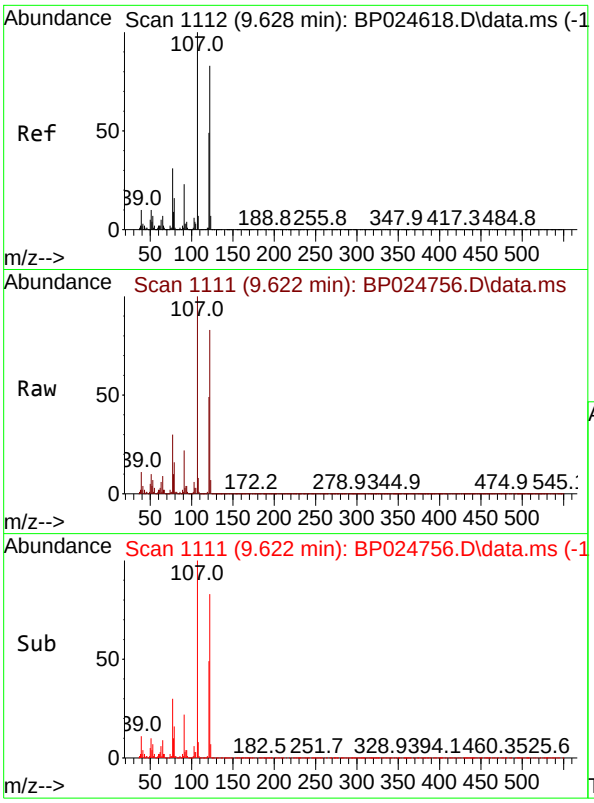


#26
2-Nitrophenol
Concen: 48.847 ng
RT: 9.546 min Scan# 1098
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:139 Resp: 218042

Ion	Ratio	Lower	Upper
139	100		
109	33.8	25.9	38.9
65	48.4	37.9	56.9



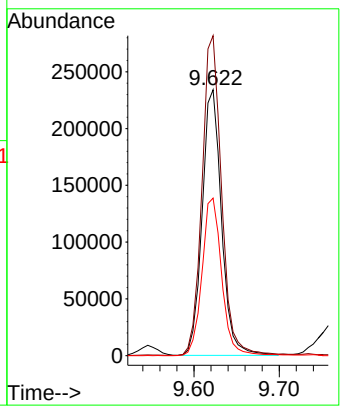


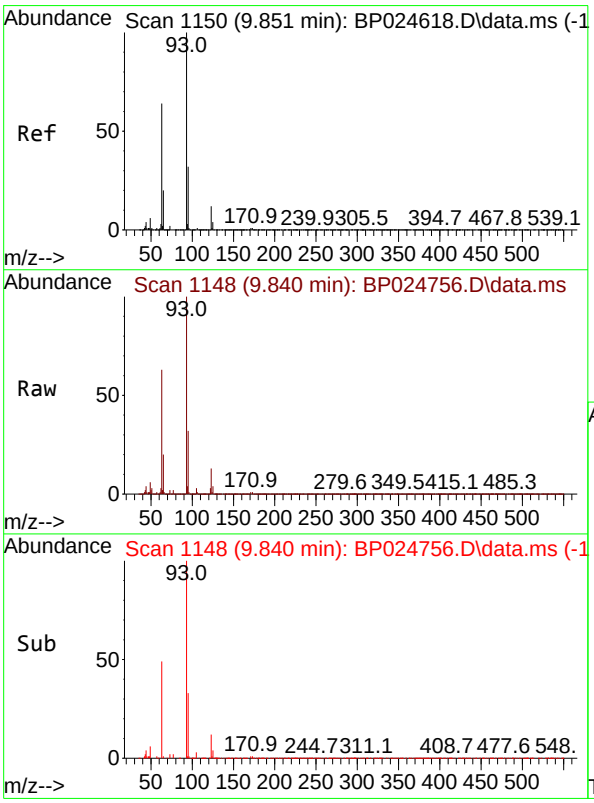
#27
2,4-Dimethylphenol
Concen: 46.925 ng
RT: 9.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:122 Resp: 369301

Ion	Ratio	Lower	Upper
122	100		
107	120.3	96.2	144.2
121	59.3	47.6	71.4

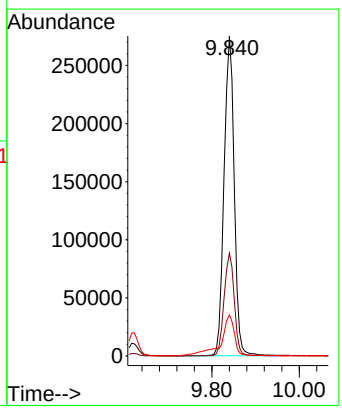


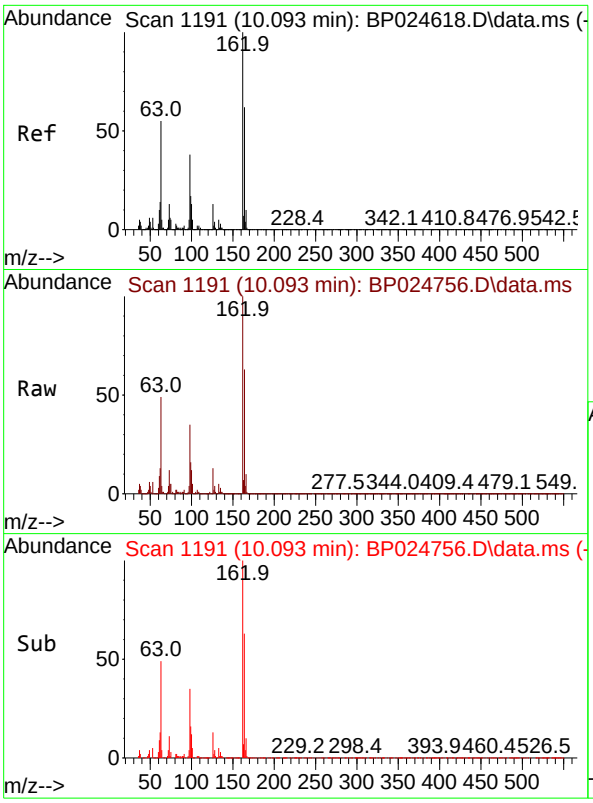


#28
bis(2-Chloroethoxy)methane
Concen: 41.185 ng
RT: 9.840 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 93 Resp: 441817

Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	12.9	9.7	14.5



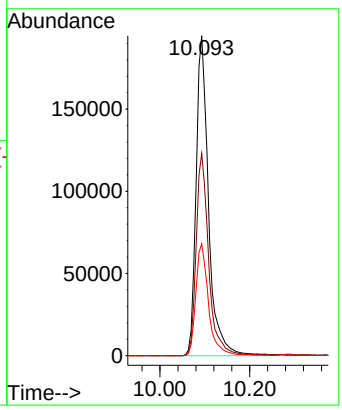


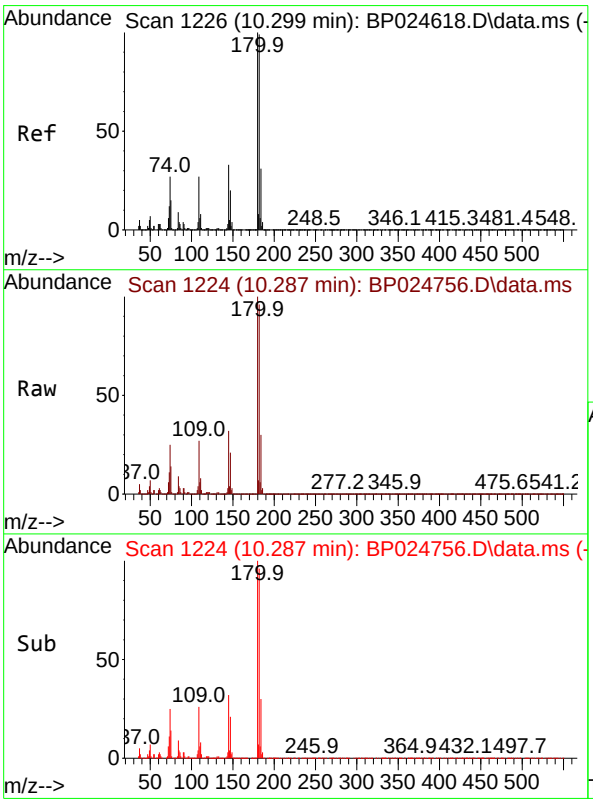
#29
2,4-Dichlorophenol
Concen: 49.198 ng
RT: 10.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:162 Resp: 375212

Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.3	82.3
98	35.0	18.4	58.4

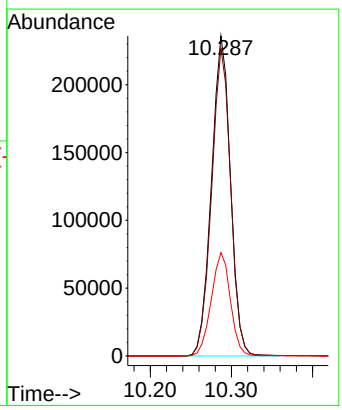


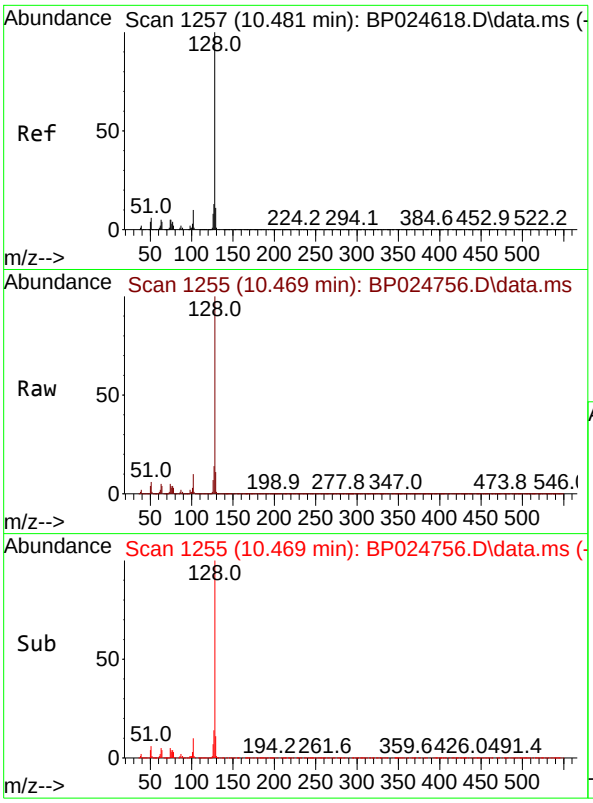


#30
1,2,4-Trichlorobenzene
Concen: 44.659 ng
RT: 10.287 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:180 Resp: 383813

Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.0	118.4
145	32.3	26.6	39.8



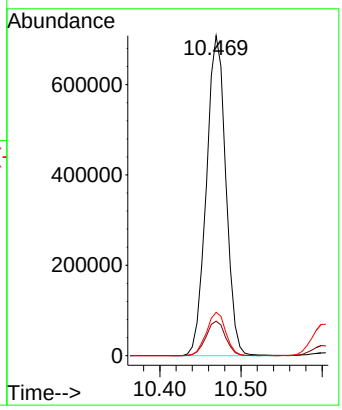


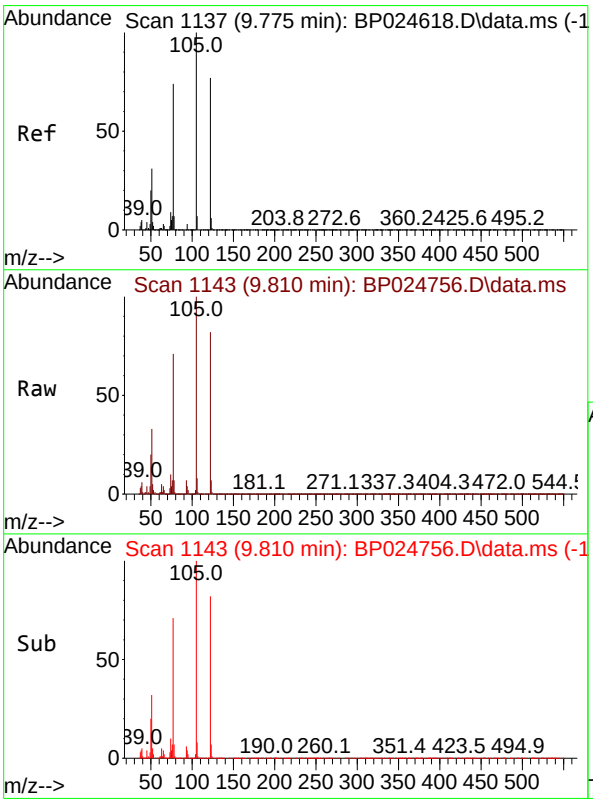
#31
Naphthalene
Concen: 43.406 ng
RT: 10.469 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:128 Resp: 1176453

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	10.7	16.1

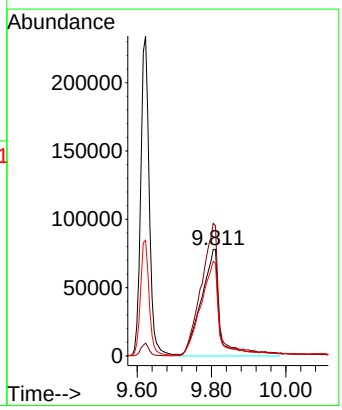


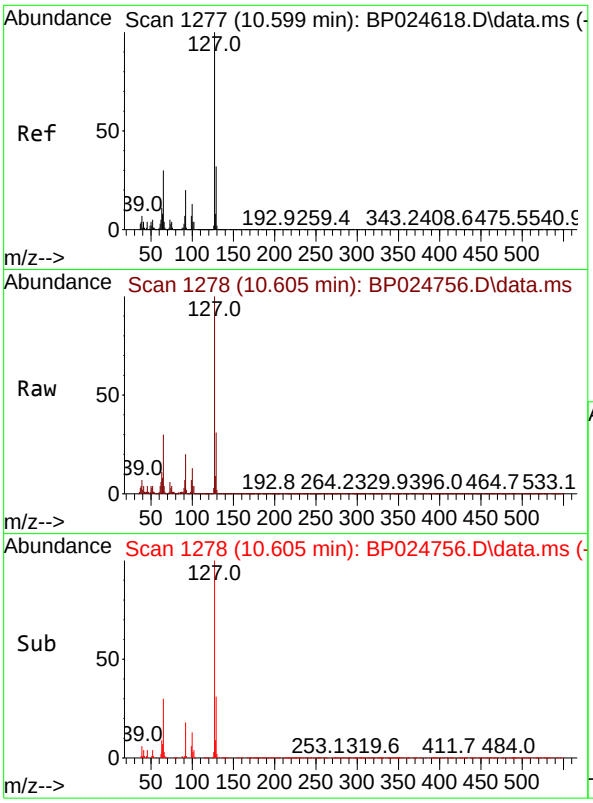


#32
Benzoic acid
Concen: 49.215 ng m
RT: 9.810 min Scan# 1143
Delta R.T. 0.035 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:122 Resp: 270871

Ion	Ratio	Lower	Upper
122	100		
105	122.2	106.9	146.9
77	86.9	75.1	115.1



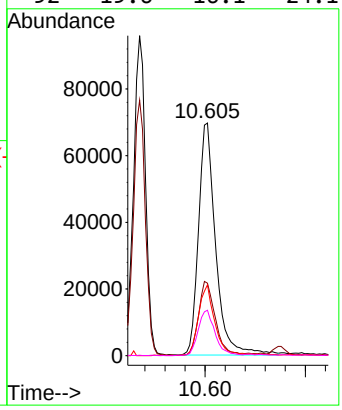


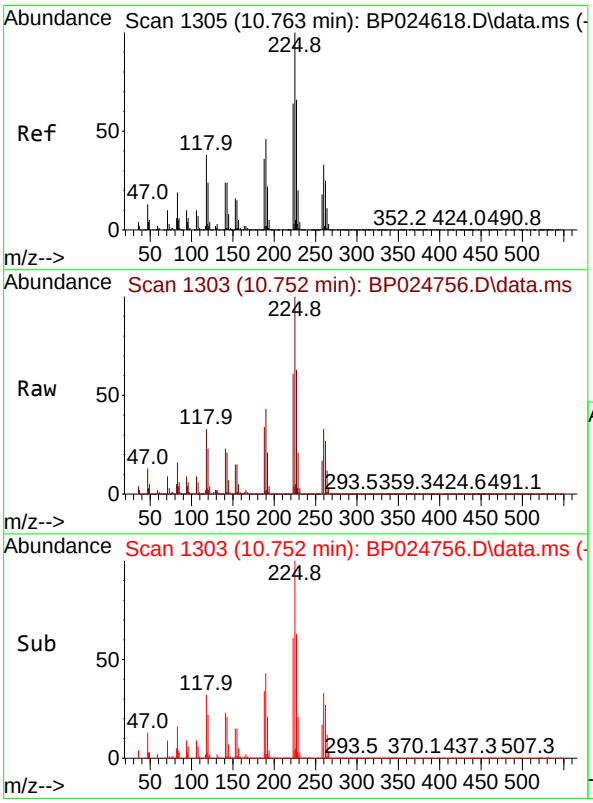
#33
4-Chloroaniline
Concen: 15.170 ng
RT: 10.605 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:127 Resp: 165916

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.6
65	30.5	23.9	35.9
92	19.6	16.1	24.1

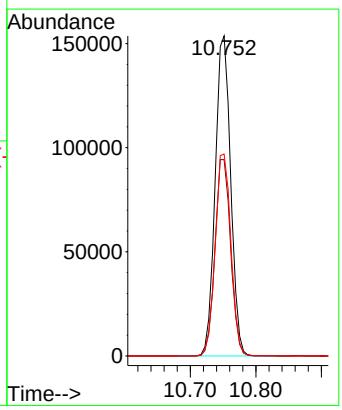


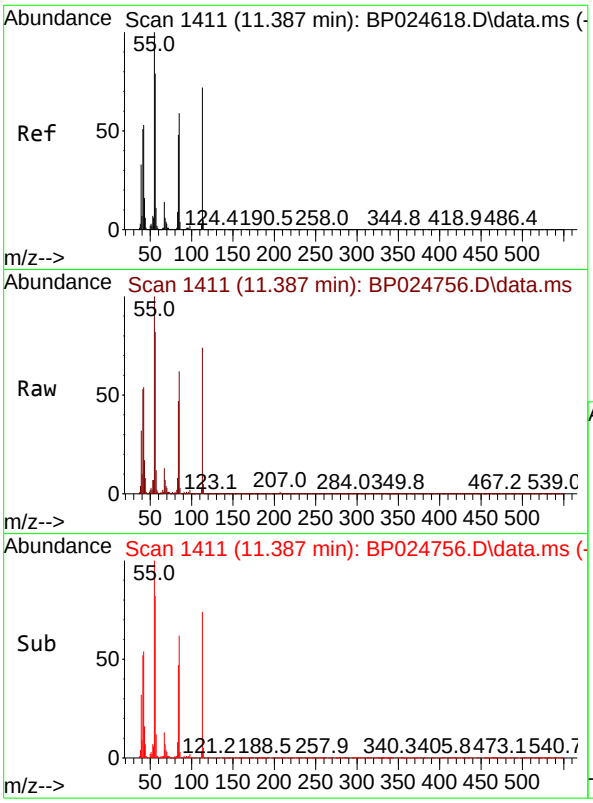


#34
Hexachlorobutadiene
Concen: 45.021 ng
RT: 10.752 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:225 Resp: 250650

Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.6
227	63.1	53.1	79.7



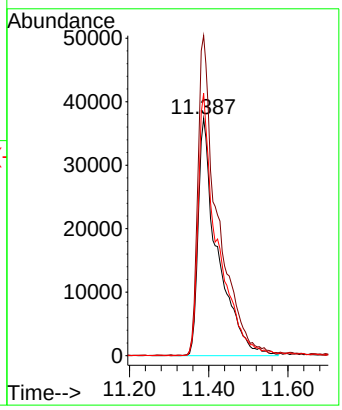


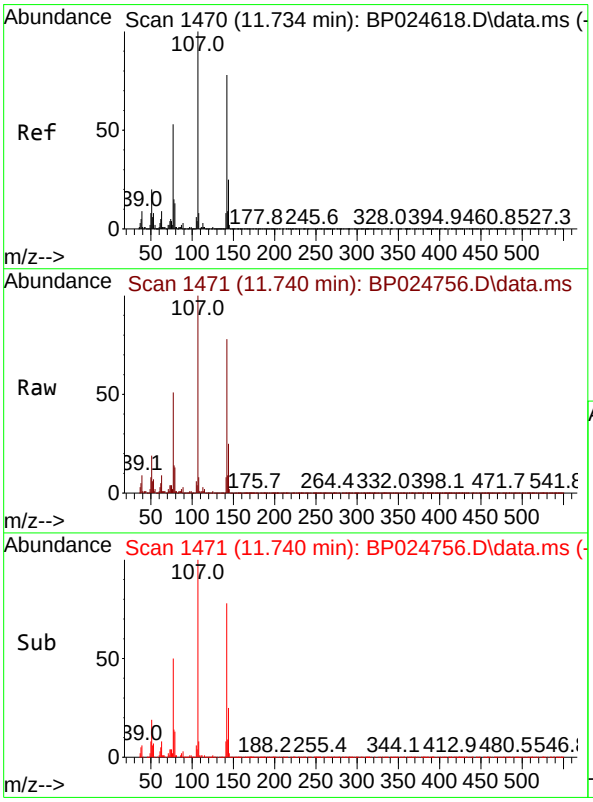
#35
Caprolactam
Concen: 45.756 ng
RT: 11.387 min Scan# 14
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:113 Resp: 126254

Ion	Ratio	Lower	Upper
113	100		
55	134.9	119.0	159.0
56	110.6	90.3	130.3

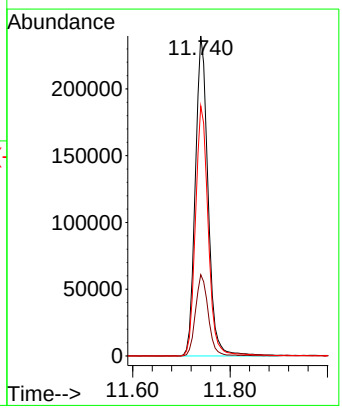


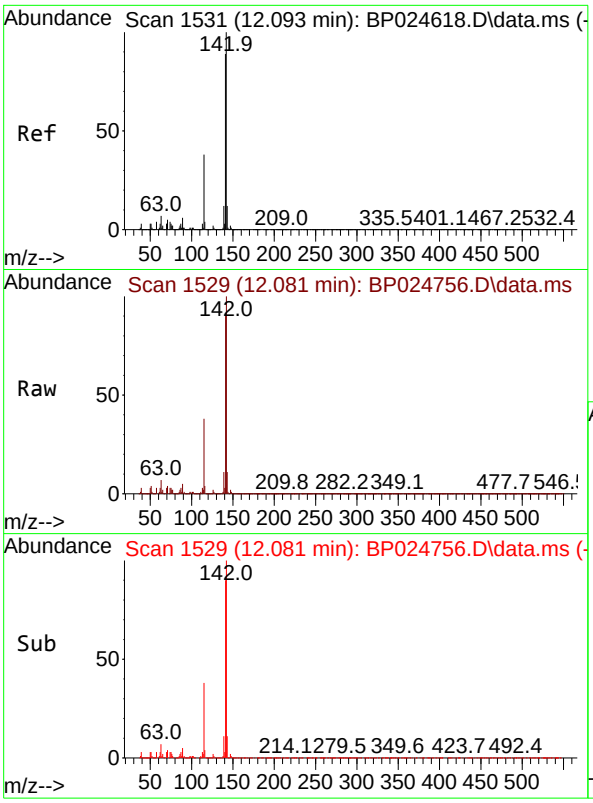


#36
4-Chloro-3-methylphenol
Concen: 46.951 ng
RT: 11.740 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:107 Resp: 436668

Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.1	30.1
142	78.2	62.1	93.1



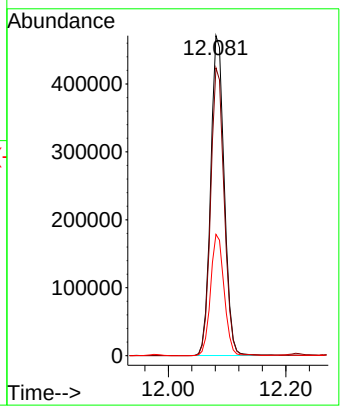


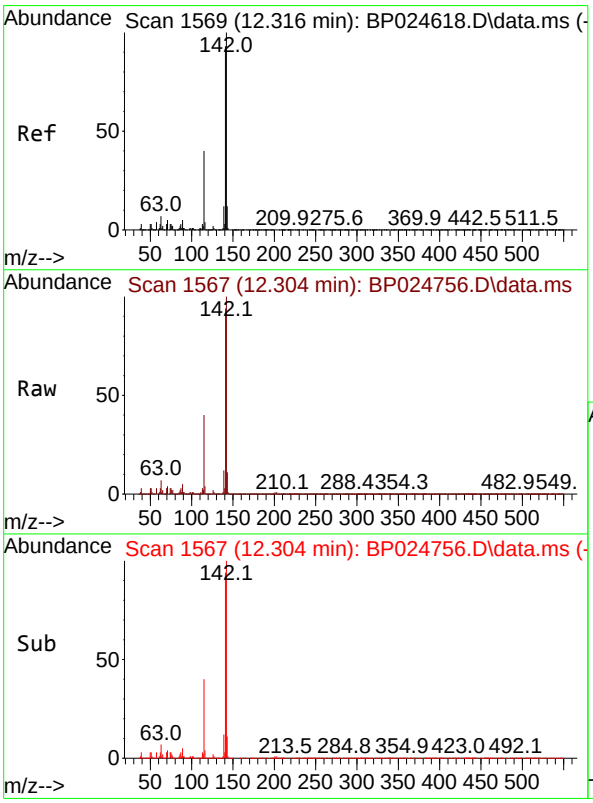
#37
2-Methylnaphthalene
Concen: 42.956 ng
RT: 12.081 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:142 Resp: 753865

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.2	106.8
115	37.9	30.6	46.0

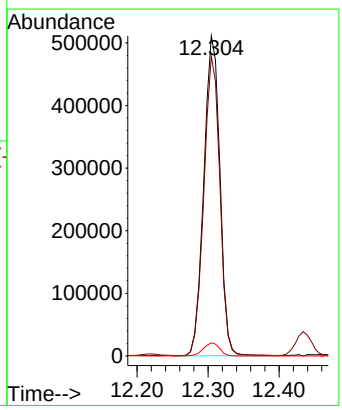


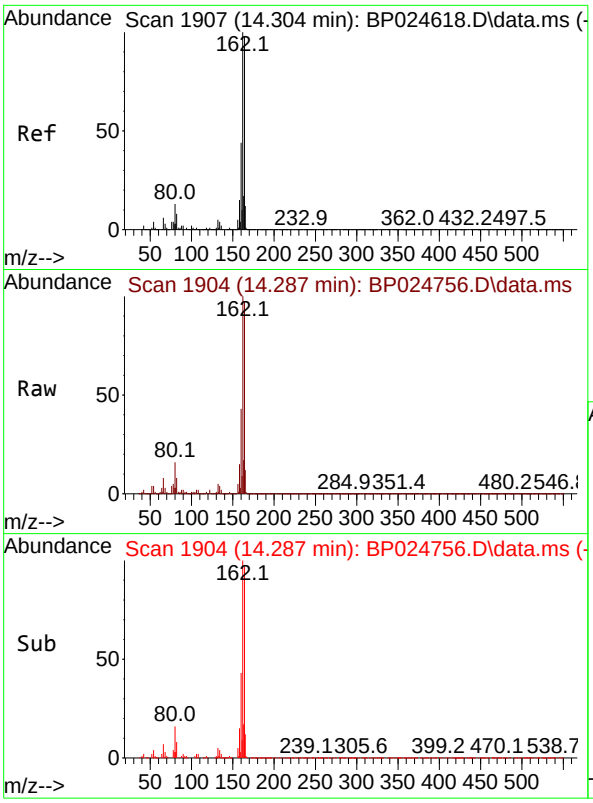


#38
1-Methylnaphthalene
Concen: 42.981 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:142 Resp: 807085

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.7	112.1
116	4.1	3.4	5.2



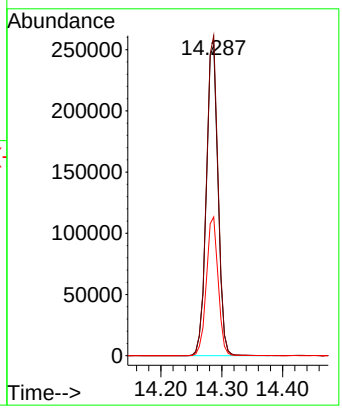


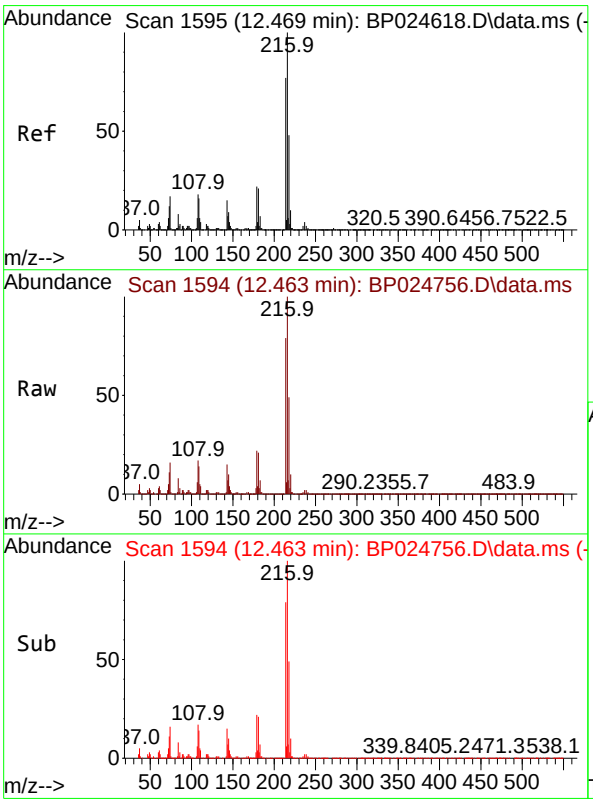
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:164 Resp: 338733

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	44.6	36.3	54.5

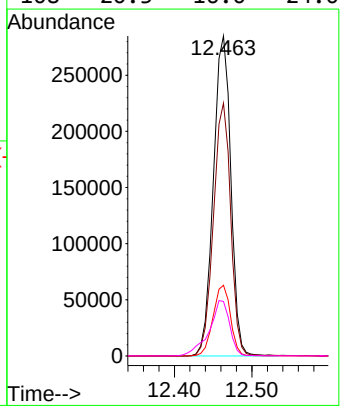


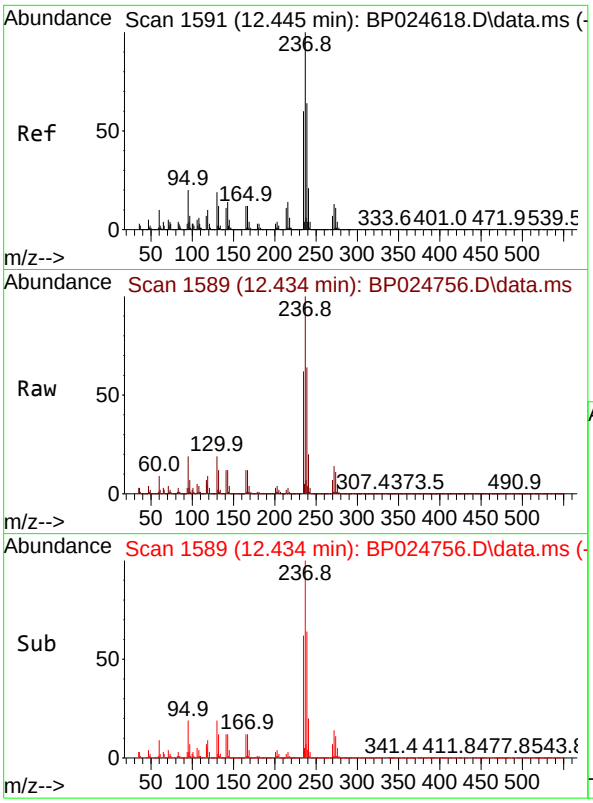


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.345 ng
RT: 12.463 min Scan# 1594
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:216 Resp: 446029

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.3	93.5
179	22.1	17.7	26.5
108	20.3	16.0	24.0



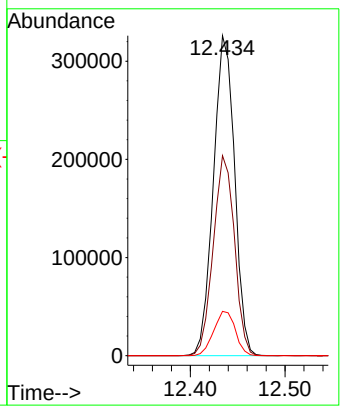


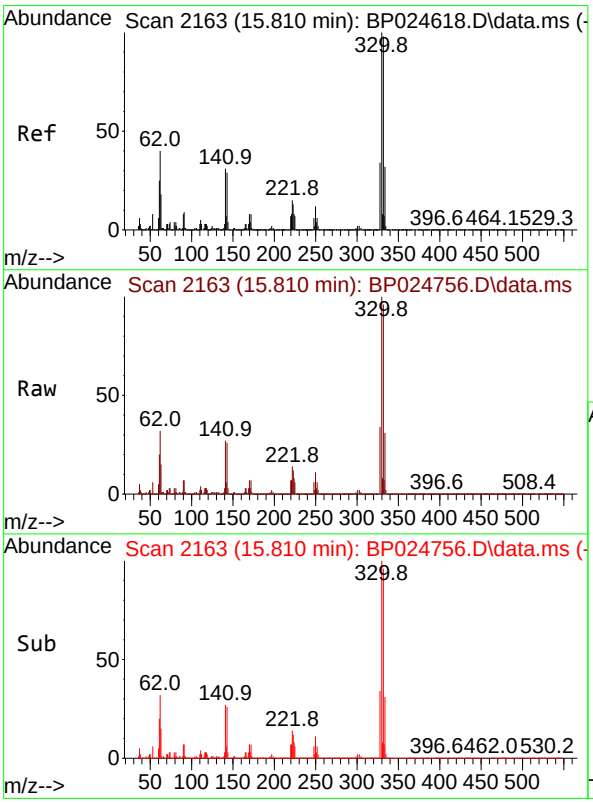
#41
Hexachlorocyclopentadiene
Concen: 85.162 ng
RT: 12.434 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:237 Resp: 507943

Ion	Ratio	Lower	Upper
237	100		
235	62.5	39.9	79.9
272	13.9	0.0	33.2

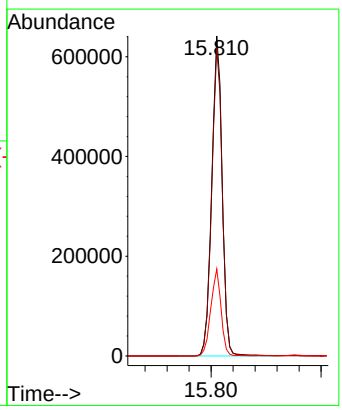


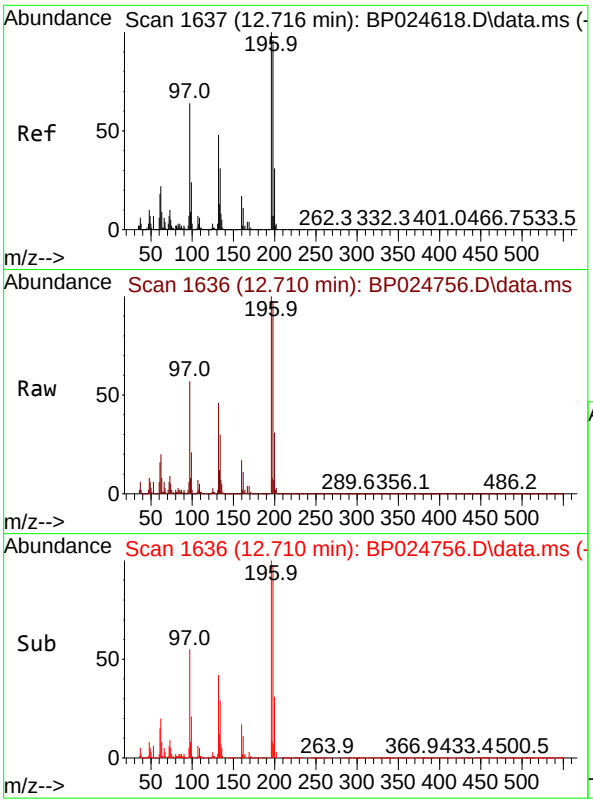


#42
2,4,6-Tribromophenol
Concen: 147.685 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:330 Resp: 848083

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.4
141	26.7	24.3	36.5



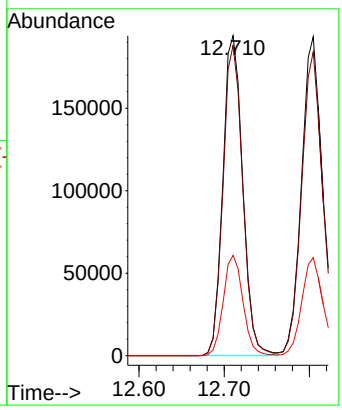


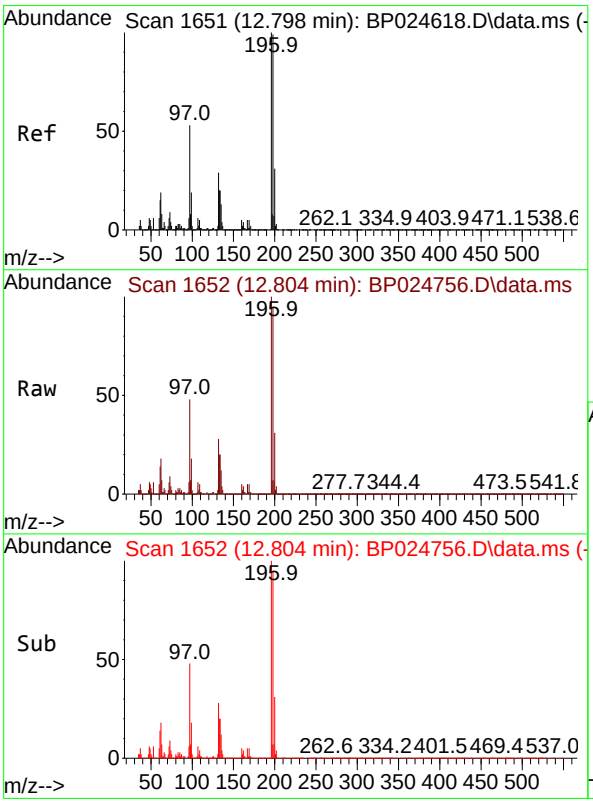
#43
2,4,6-Trichlorophenol
Concen: 49.357 ng
RT: 12.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:196 Resp: 314461

Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.9	115.3
200	31.4	25.2	37.8

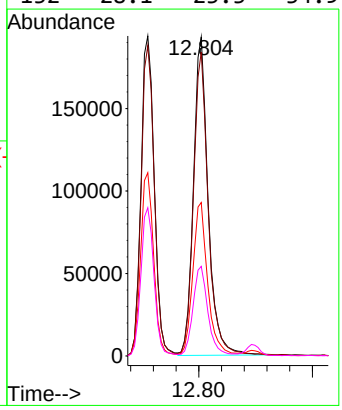


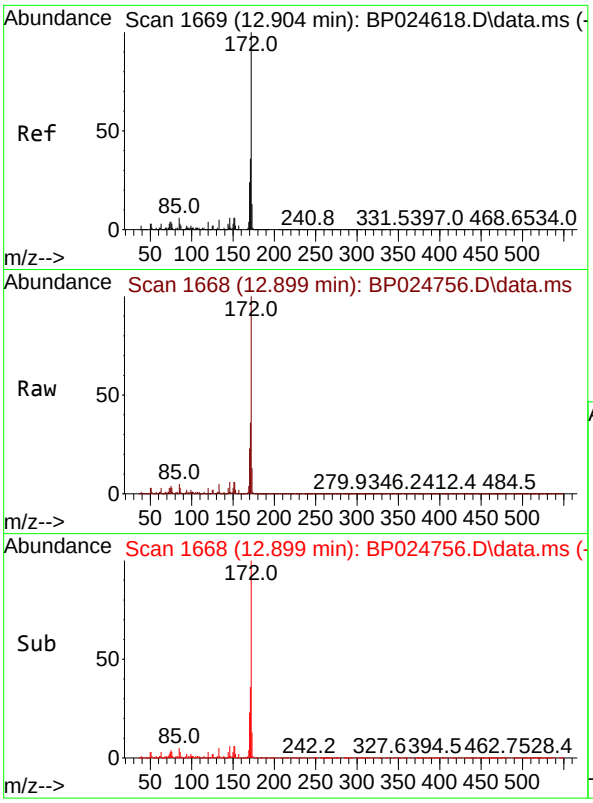


#44
2,4,5-Trichlorophenol
Concen: 49.247 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:196 Resp: 349258

Ion	Ratio	Lower	Upper
196	100		
198	95.3	79.2	118.8
97	48.1	42.3	63.5
132	28.1	23.3	34.9



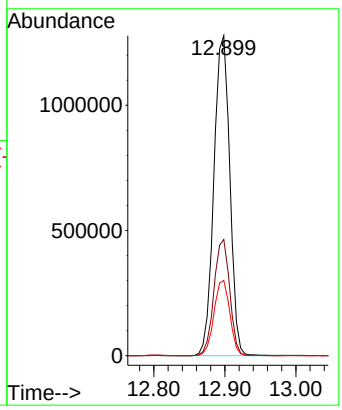


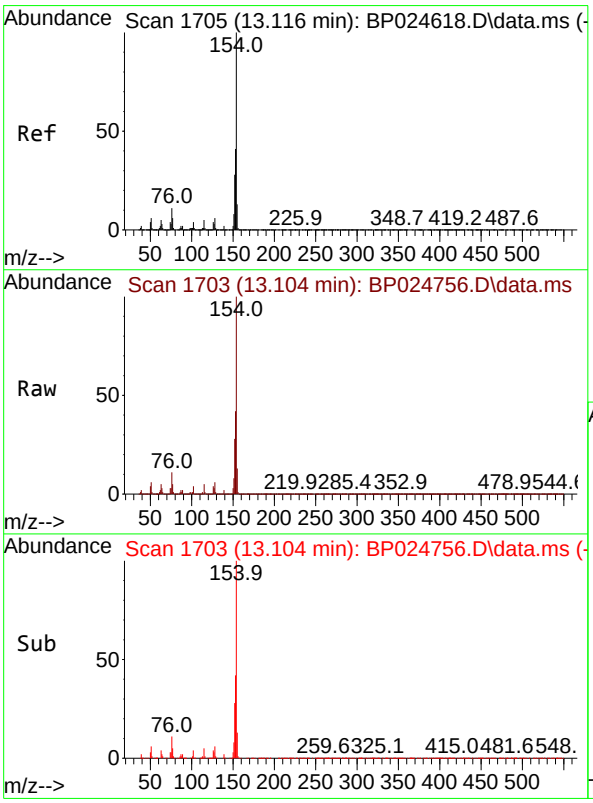
#45
2-Fluorobiphenyl
Concen: 76.786 ng
RT: 12.899 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:172 Resp: 1985294

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.8	43.2
170	23.5	18.8	28.2

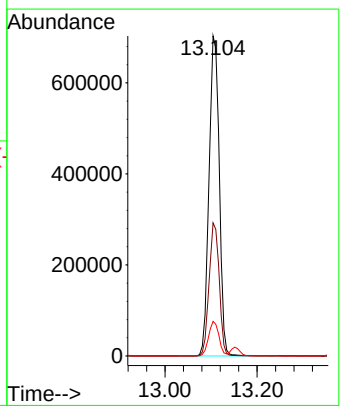


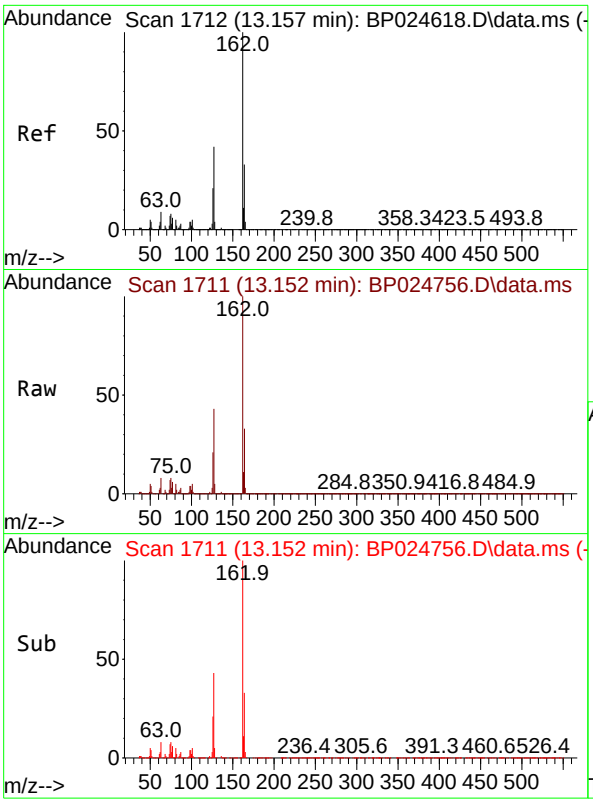


#46
1,1'-Biphenyl
Concen: 43.566 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:154 Resp: 1090713

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.0	61.0
76	10.8	0.0	31.5



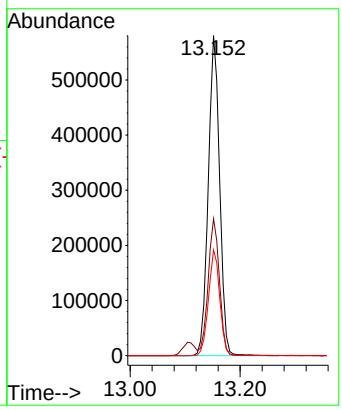


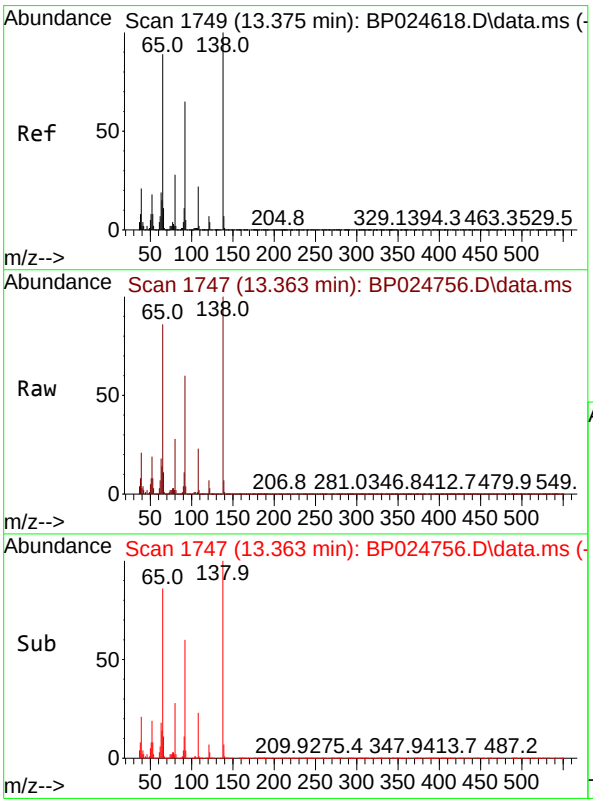
#47
2-Chloronaphthalene
Concen: 43.653 ng
RT: 13.152 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:162 Resp: 833303

Ion	Ratio	Lower	Upper
162	100		
127	42.8	33.8	50.6
164	33.1	26.0	39.0

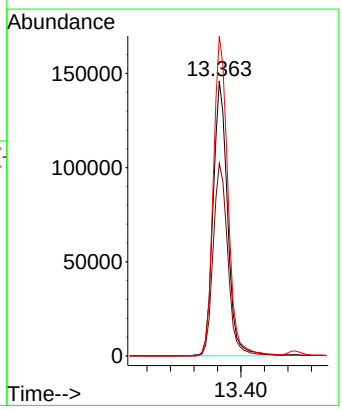


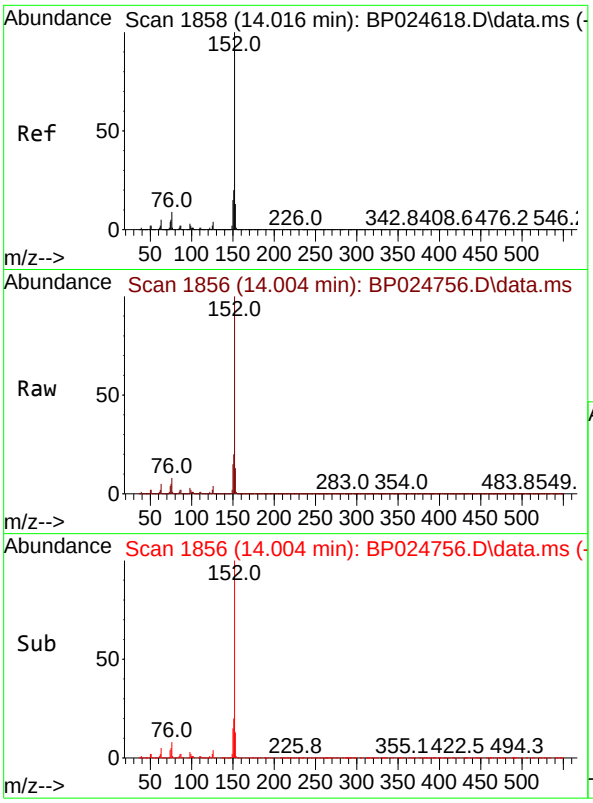


#48
2-Nitroaniline
Concen: 44.085 ng
RT: 13.363 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion: 65 Resp: 249151

Ion	Ratio	Lower	Upper
65	100		
92	70.1	58.7	88.1
138	116.3	90.2	135.2



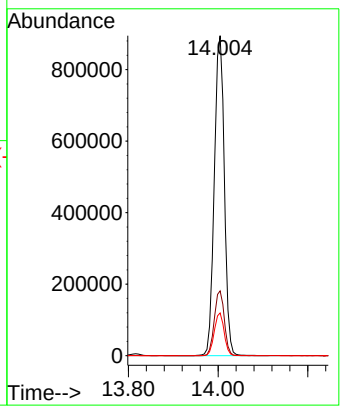


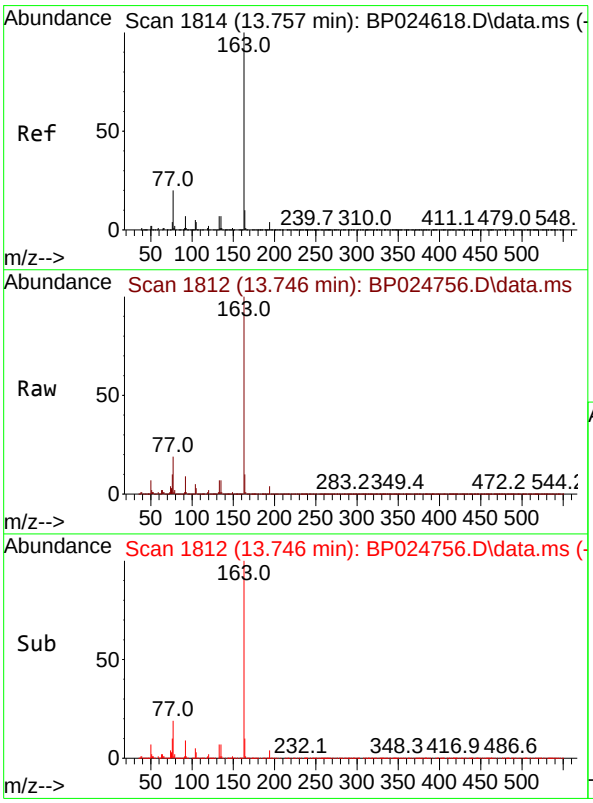
#49
Acenaphthylene
Concen: 43.560 ng
RT: 14.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:152 Resp: 1391550

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	10.2	15.4

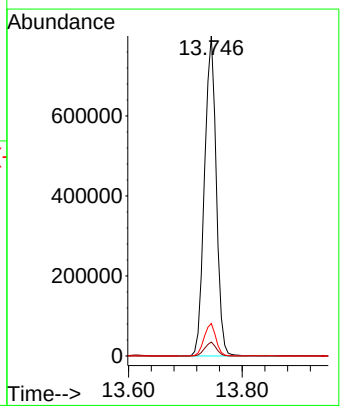


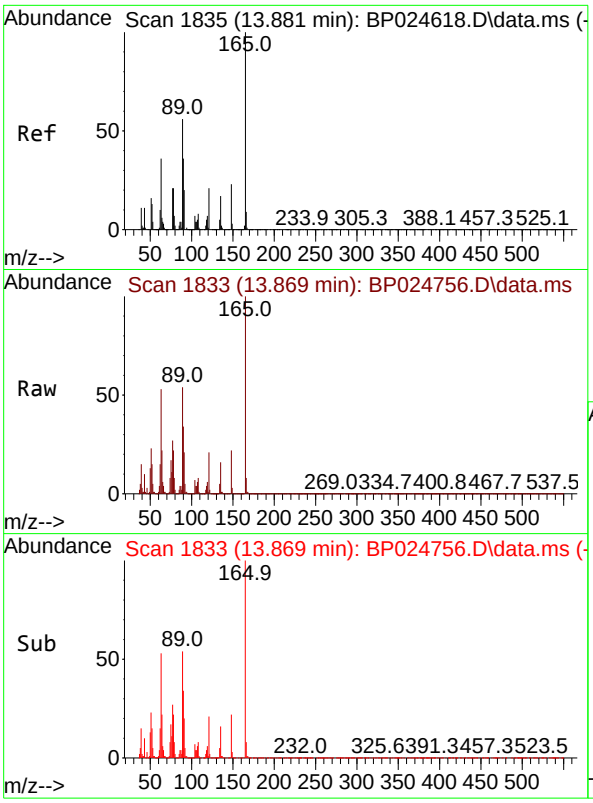


#50
Dimethylphthalate
Concen: 44.269 ng
RT: 13.746 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:163 Resp: 1142952

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.1	12.1



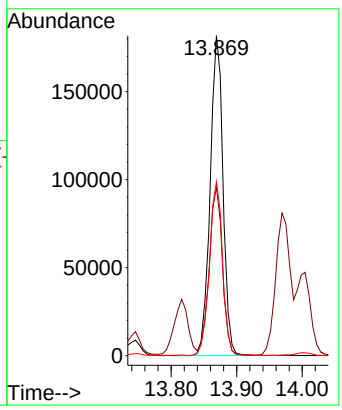


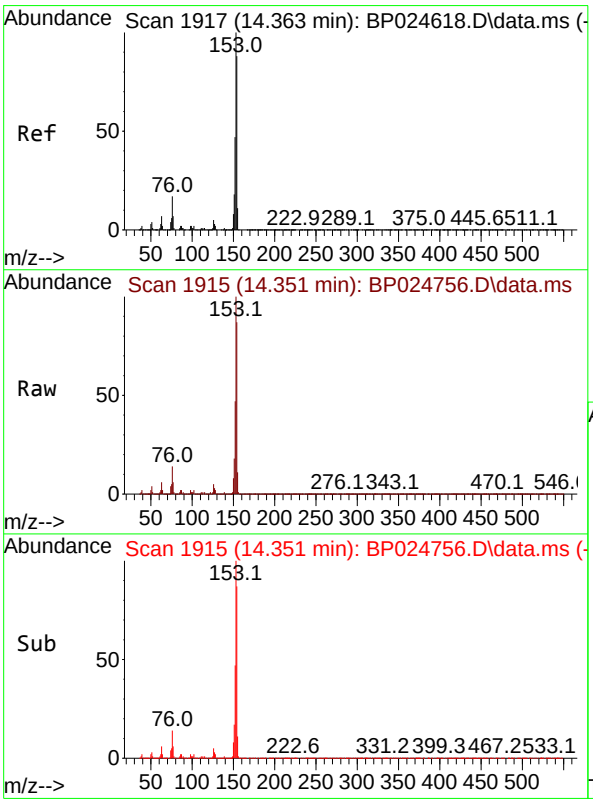
#51
2,6-Dinitrotoluene
Concen: 45.467 ng
RT: 13.869 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:165 Resp: 247920

Ion	Ratio	Lower	Upper
165	100		
63	52.7	42.4	63.6
89	54.4	44.8	67.2

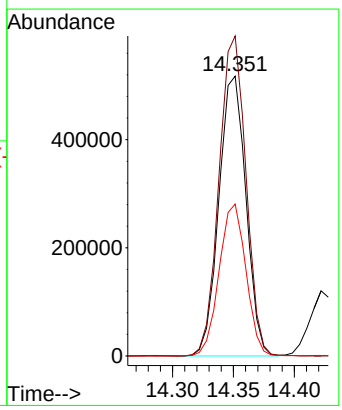


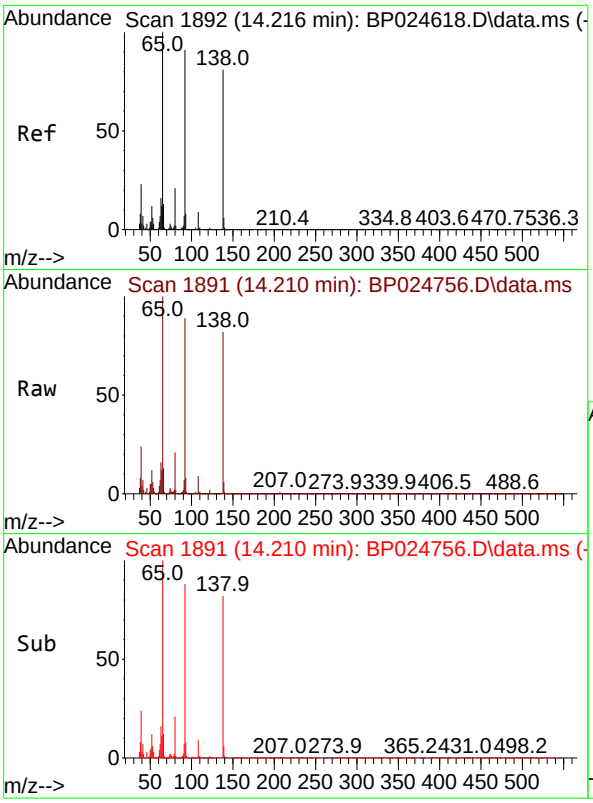


#52
Acenaphthene
Concen: 43.536 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:154 Resp: 799545

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.0	136.4
152	54.2	42.9	64.3



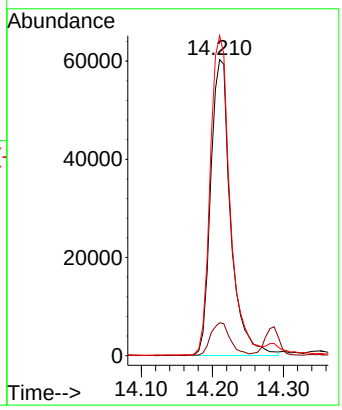


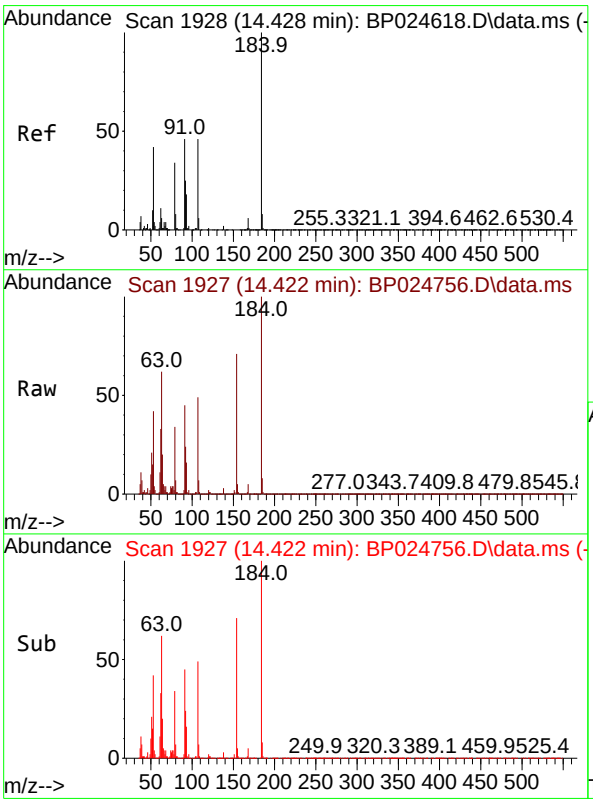
#53
3-Nitroaniline
Concen: 21.100 ng
RT: 14.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:138 Resp: 117478

Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.0	13.4
92	108.1	90.1	135.1

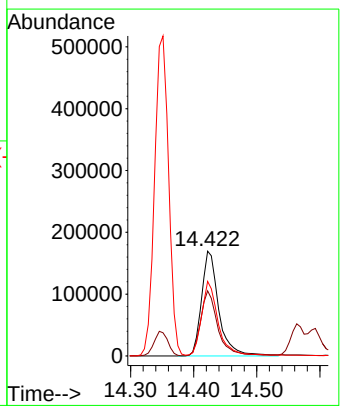


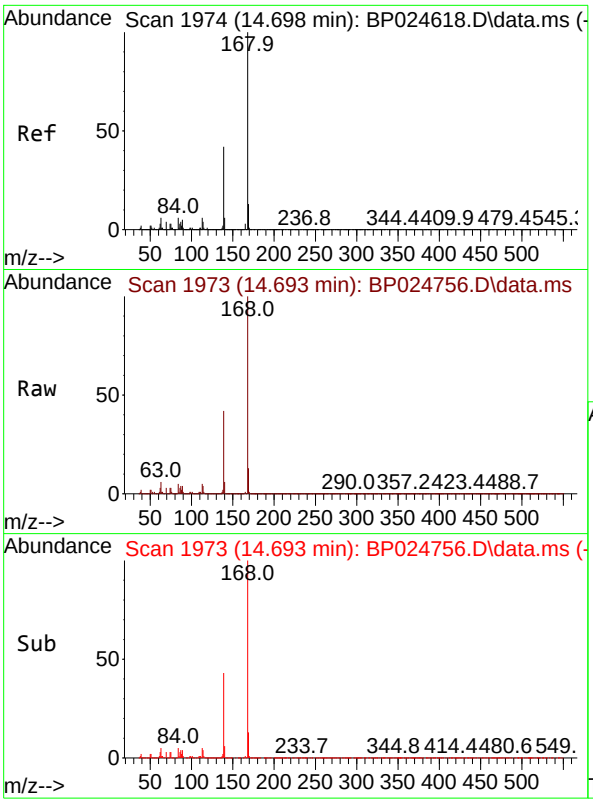


#54
2,4-Dinitrophenol
Concen: 92.631 ng
RT: 14.422 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:184 Resp: 322278

Ion	Ratio	Lower	Upper
184	100		
63	62.2	51.3	76.9
154	71.1	53.5	80.3



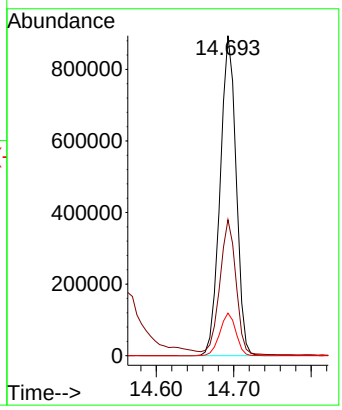


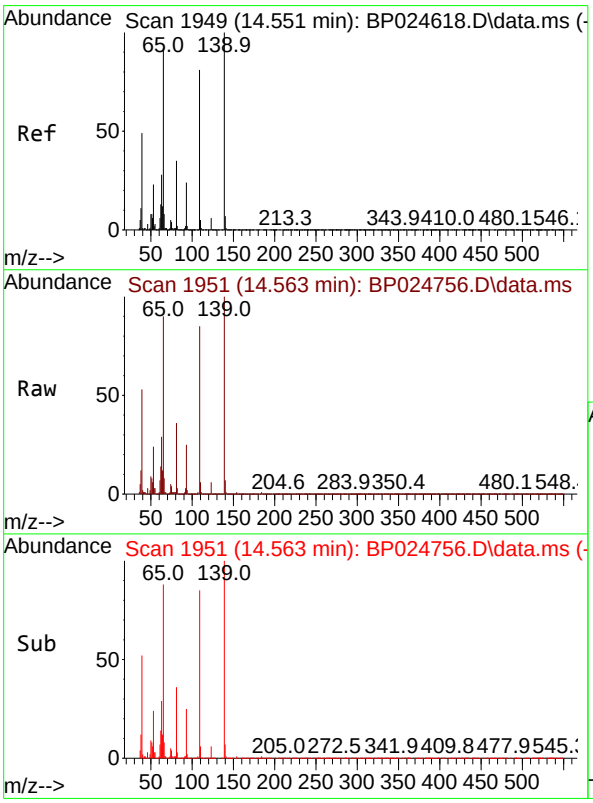
#55
Dibenzofuran
Concen: 43.972 ng
RT: 14.693 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:168 Resp: 1288076

Ion	Ratio	Lower	Upper
168	100		
139	42.5	34.2	51.4
169	13.3	10.8	16.2

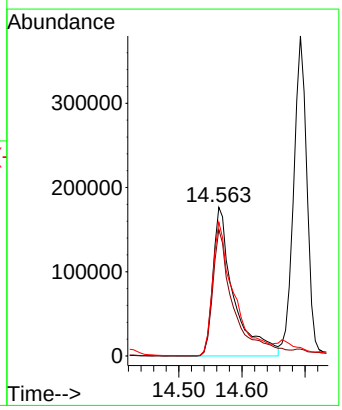


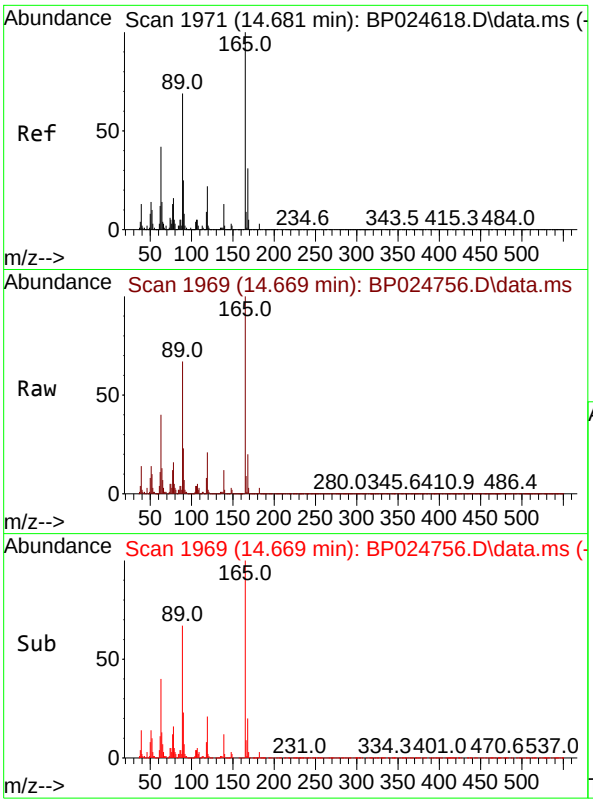


#56
4-Nitrophenol
Concen: 83.411 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:139 Resp: 402969

Ion	Ratio	Lower	Upper
139	100		
109	85.0	61.4	101.4
65	90.0	72.2	112.2



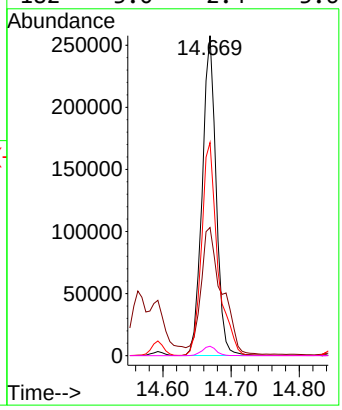


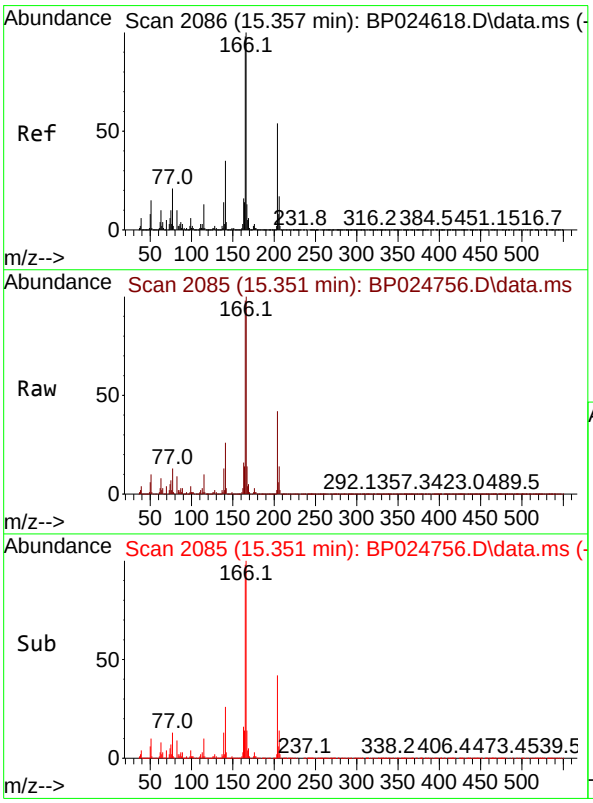
#57
2,4-Dinitrotoluene
Concen: 47.511 ng
RT: 14.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:165 Resp: 365228

Ion	Ratio	Lower	Upper
165	100		
63	40.0	33.8	50.6
89	66.6	55.6	83.4
182	3.0	2.4	3.6

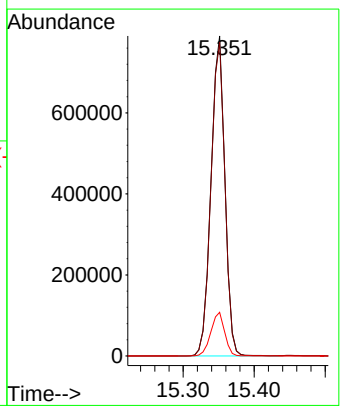


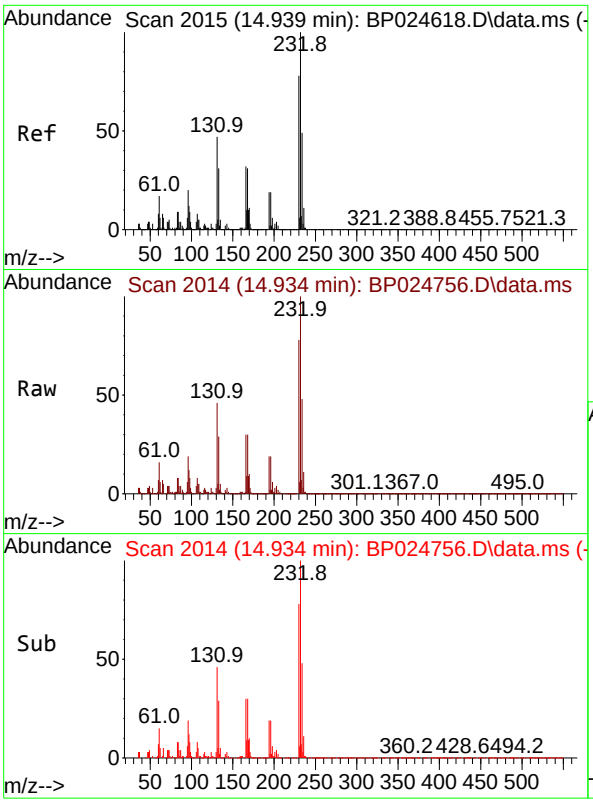


#58
Fluorene
Concen: 44.866 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:166 Resp: 1071652

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.5	117.7
167	13.6	10.7	16.1



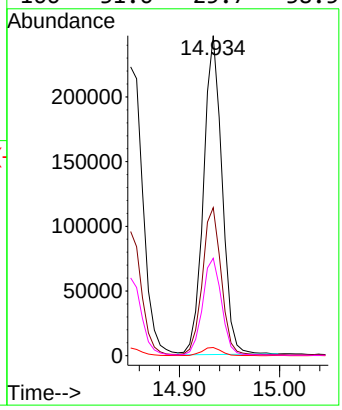


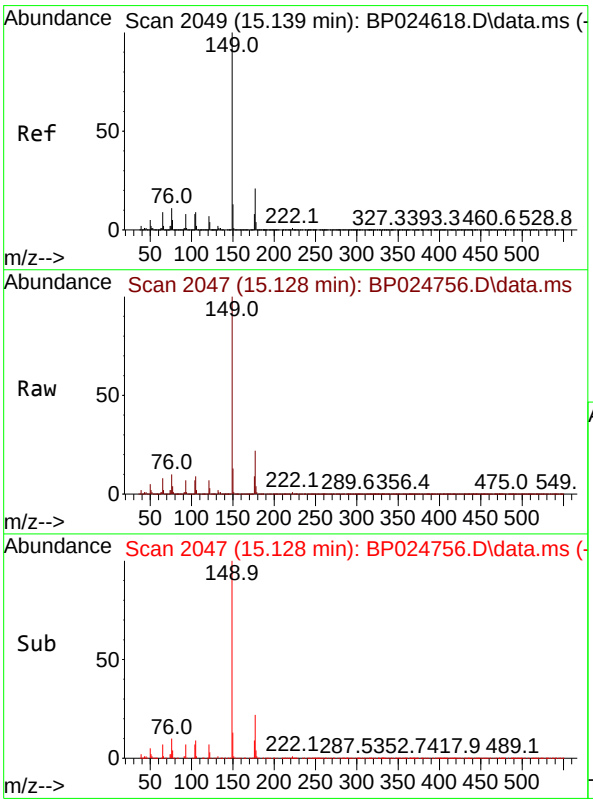
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.321 ng
RT: 14.934 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:232 Resp: 317896

Ion	Ratio	Lower	Upper
232	100		
131	47.1	39.5	59.3
130	2.7	2.2	3.4
166	31.6	25.7	38.5

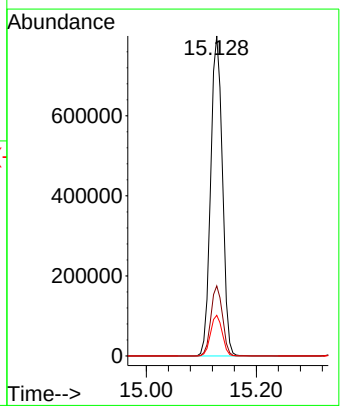


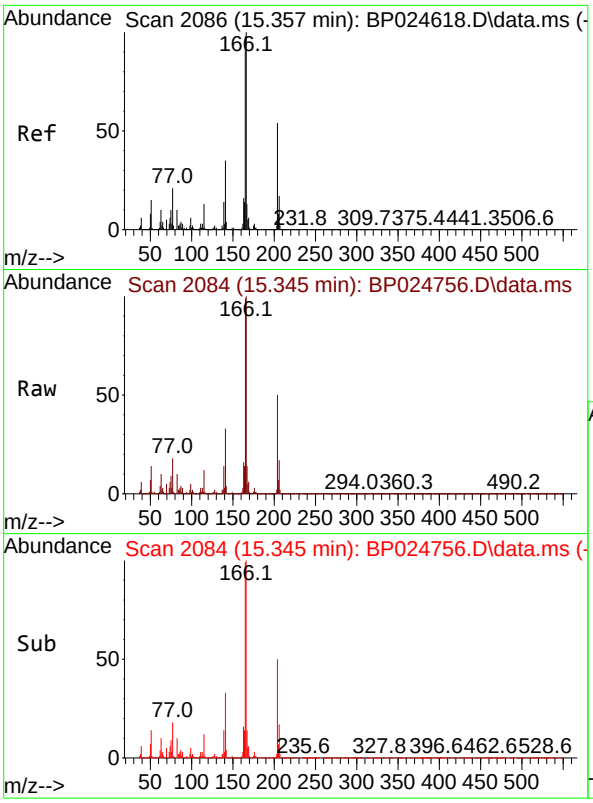


#60
Diethylphthalate
Concen: 45.380 ng
RT: 15.128 min Scan# 2047
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:149 Resp: 1184185

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	12.7	10.2	15.2



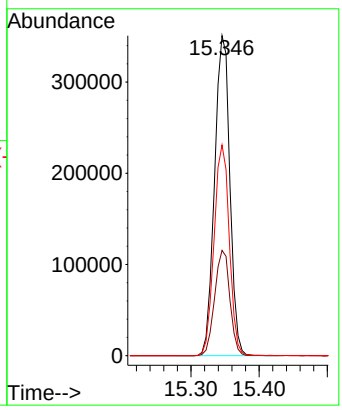


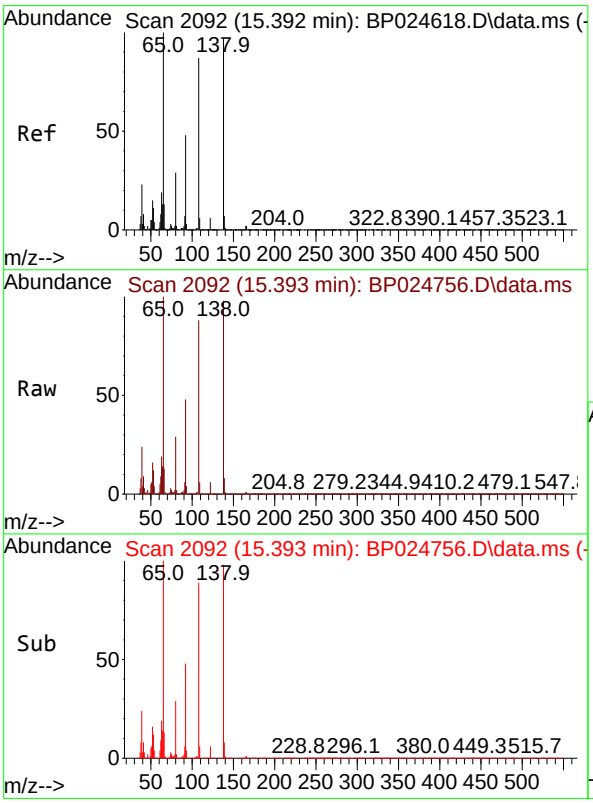
#61
4-Chlorophenyl-phenylether
Concen: 45.924 ng
RT: 15.345 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:204 Resp: 547042

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	65.9	52.9	79.3

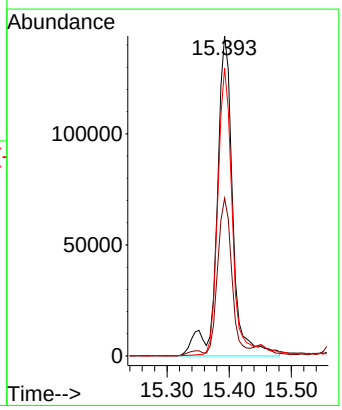


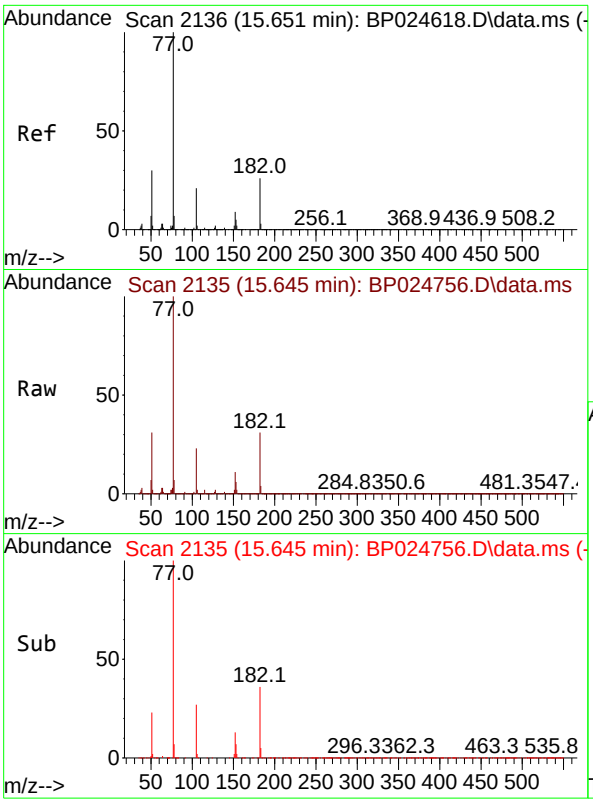


#62
4-Nitroaniline
Concen: 47.290 ng m
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:138 Resp: 254227

Ion	Ratio	Lower	Upper
138	100		
92	49.3	29.2	69.2
108	90.0	69.0	109.0



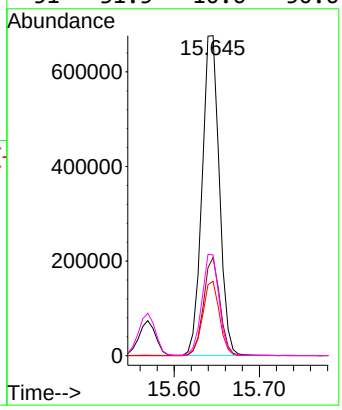


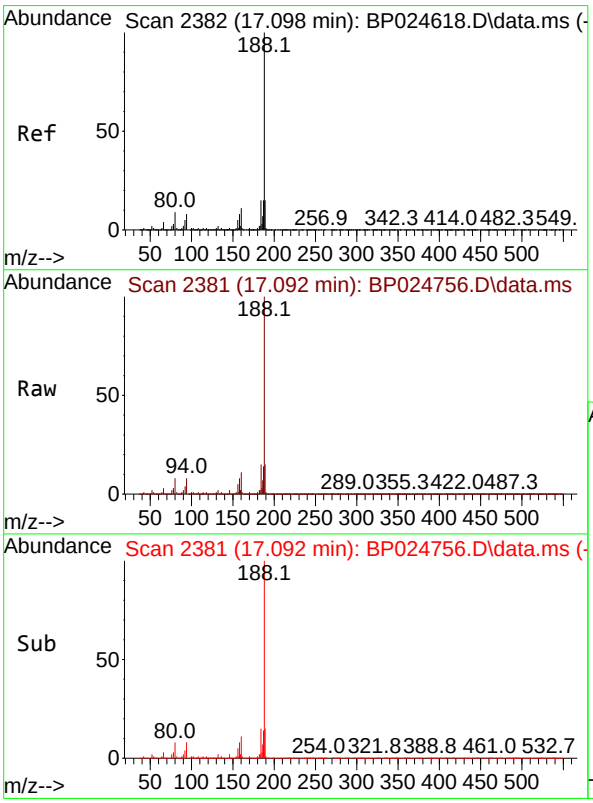
#63
Azobenzene
Concen: 42.554 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion: 77 Resp: 949950

Ion	Ratio	Lower	Upper
77	100		
182	30.7	5.7	45.7
105	23.3	1.3	41.3
51	31.5	10.6	50.6

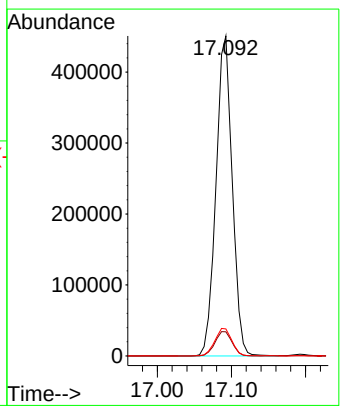


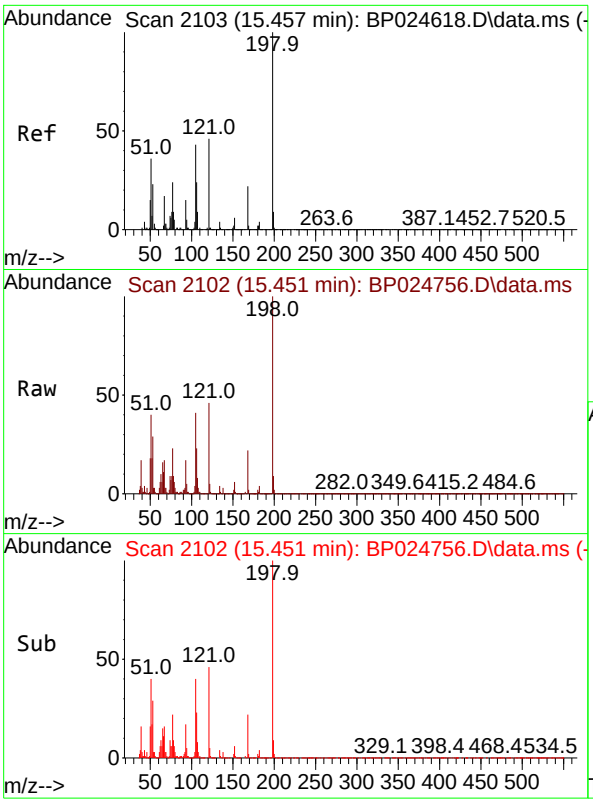


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:188 Resp: 686645

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.5	7.3	10.9



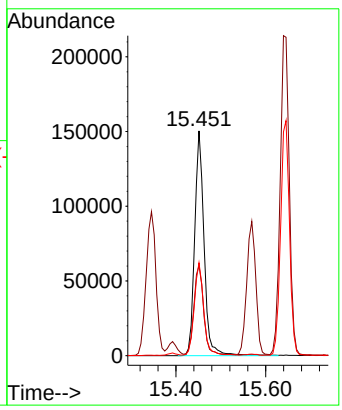


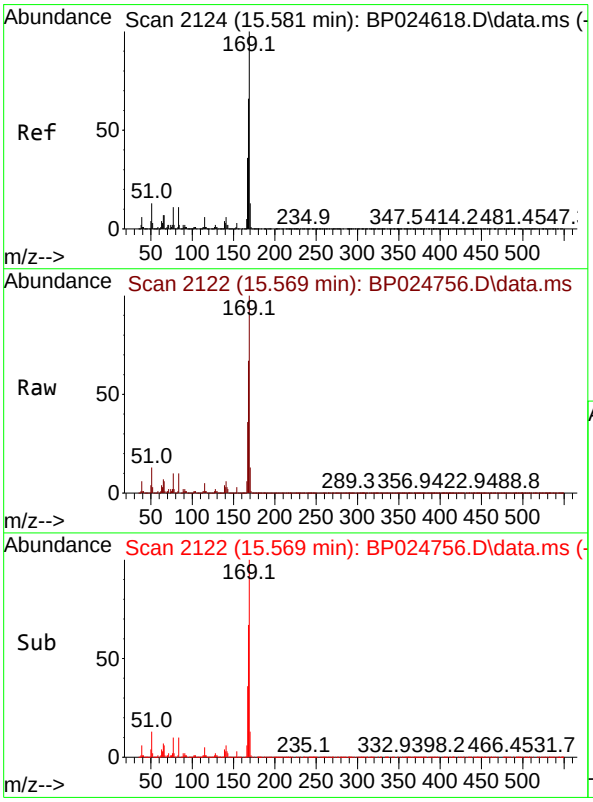
#65
4,6-Dinitro-2-methylphenol
Concen: 49.318 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:198 Resp: 218741

Ion	Ratio	Lower	Upper
198	100		
51	40.1	21.1	61.1
105	41.3	23.6	63.6

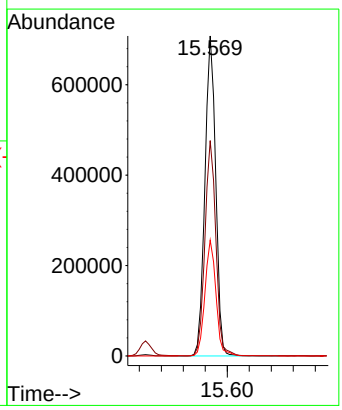


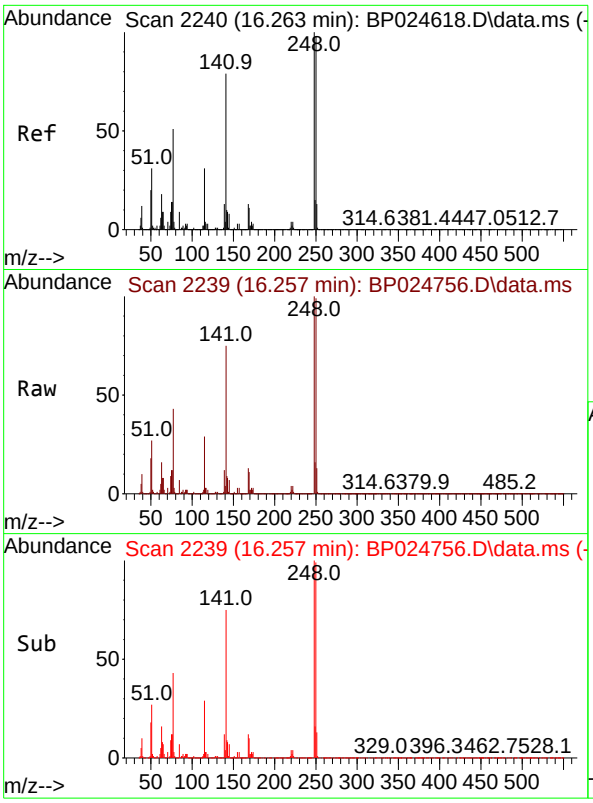


#66
n-Nitrosodiphenylamine
Concen: 45.582 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:169 Resp: 961369

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.2	28.6	43.0



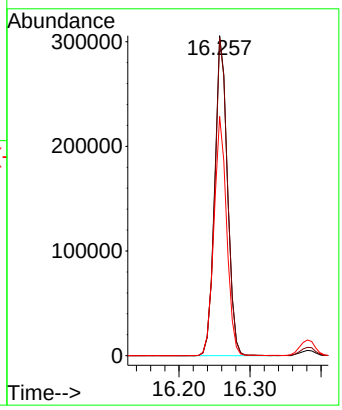


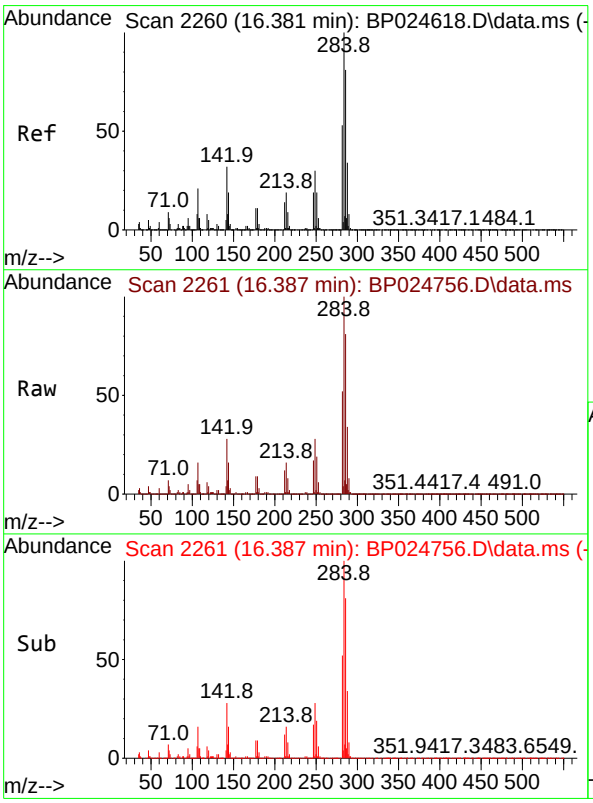
#67
4-Bromophenyl-phenylether
Concen: 46.751 ng
RT: 16.257 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:248 Resp: 378264

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.2	117.4
141	74.8	63.0	94.6

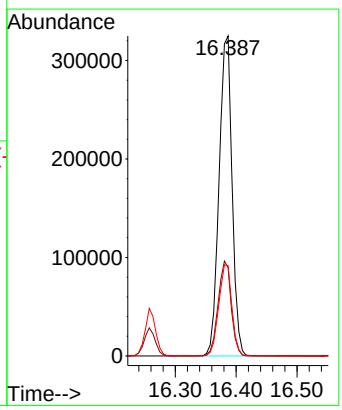


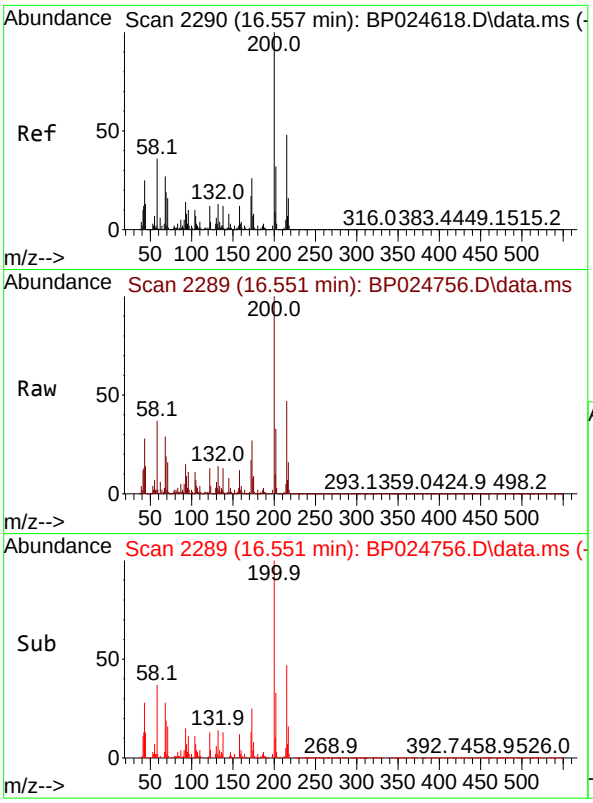


#68
Hexachlorobenzene
Concen: 46.728 ng
RT: 16.387 min Scan# 2261
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:284 Resp: 480414

Ion	Ratio	Lower	Upper
284	100		
142	27.5	25.9	38.9
249	28.2	24.1	36.1



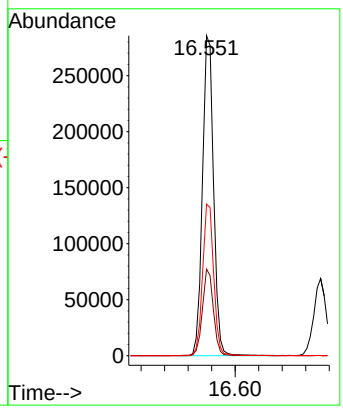


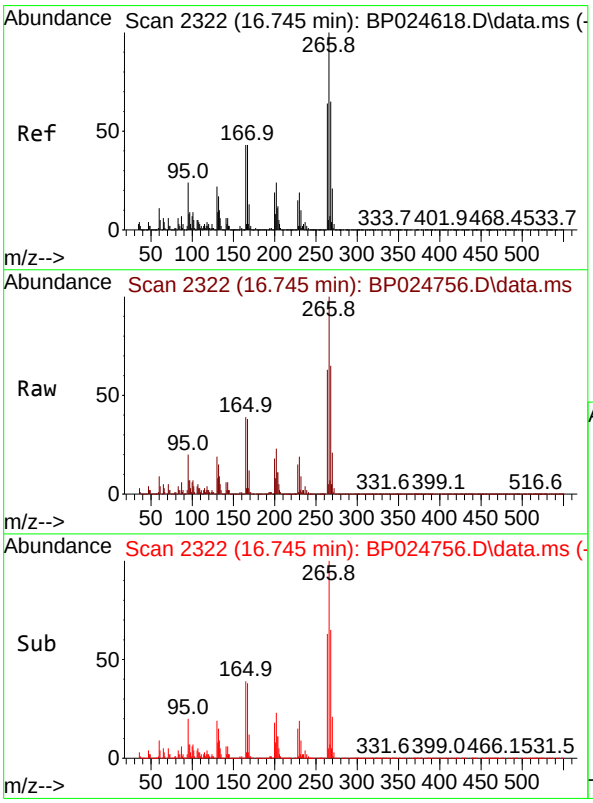
#69
Atrazine
Concen: 48.382 ng
RT: 16.551 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:200 Resp: 373961

Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.9	45.9
215	47.3	28.3	68.3

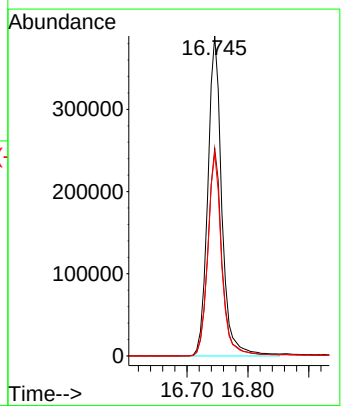


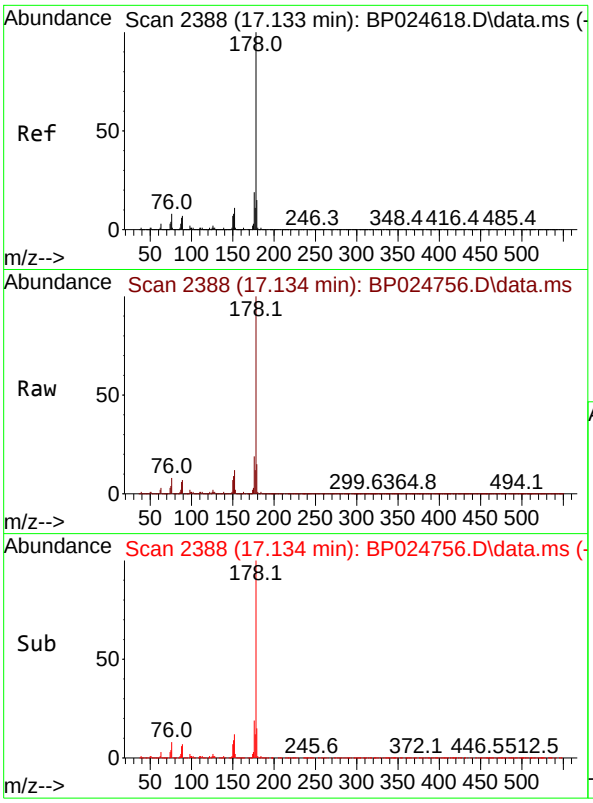


#70
Pentachlorophenol
Concen: 107.740 ng
RT: 16.745 min Scan# 2322
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:266 Resp: 621802

Ion	Ratio	Lower	Upper
266	100		
268	64.9	52.2	78.4
264	63.3	51.1	76.7



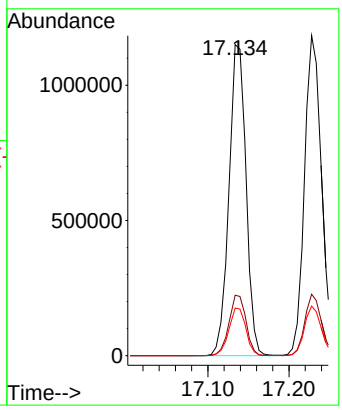


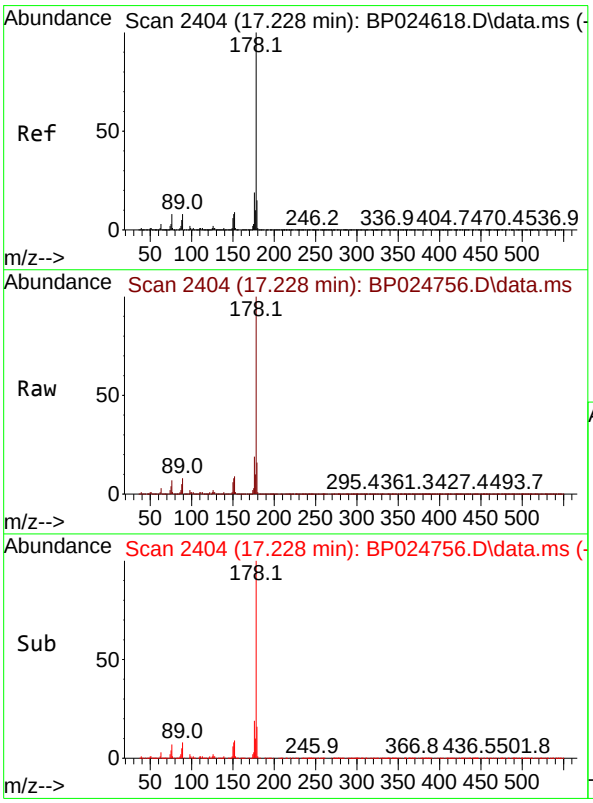
#71
Phenanthrene
Concen: 44.002 ng
RT: 17.134 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:178 Resp: 1679605

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.2	18.4

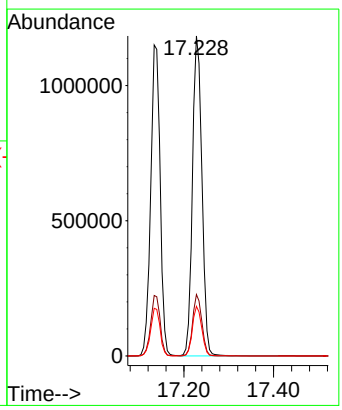


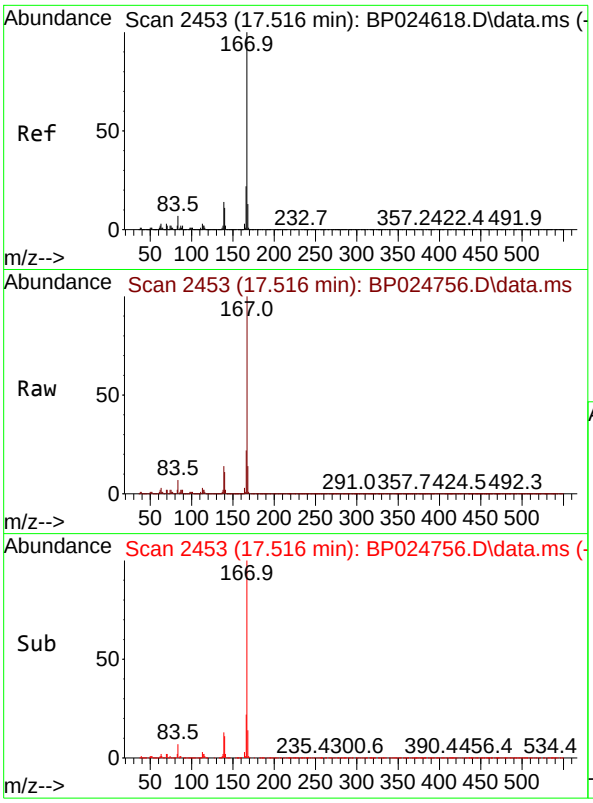


#72
Anthracene
Concen: 45.101 ng
RT: 17.228 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:178 Resp: 1732101

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.5	12.2	18.2



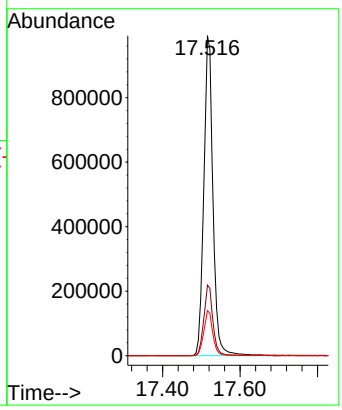


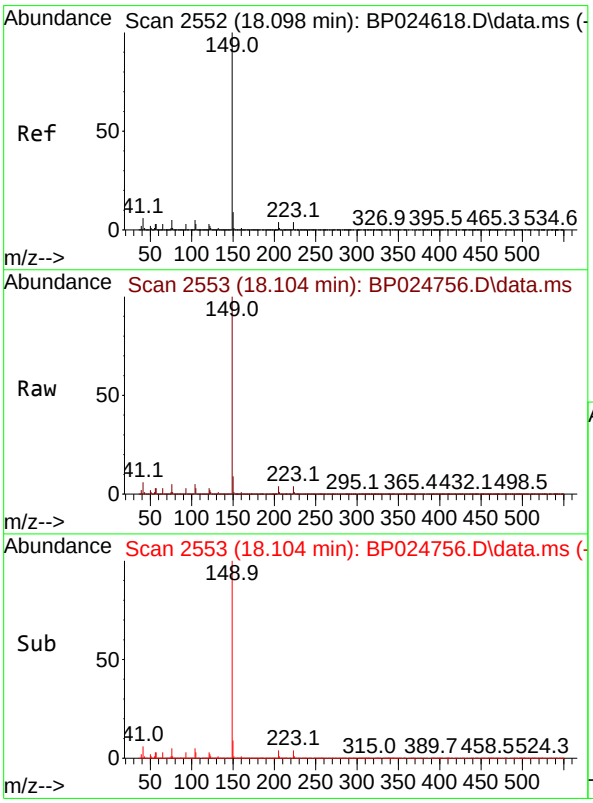
#73
Carbazole
Concen: 46.577 ng
RT: 17.516 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:167 Resp: 1619014

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	14.1	11.3	16.9

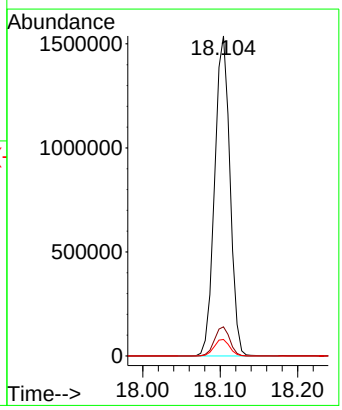


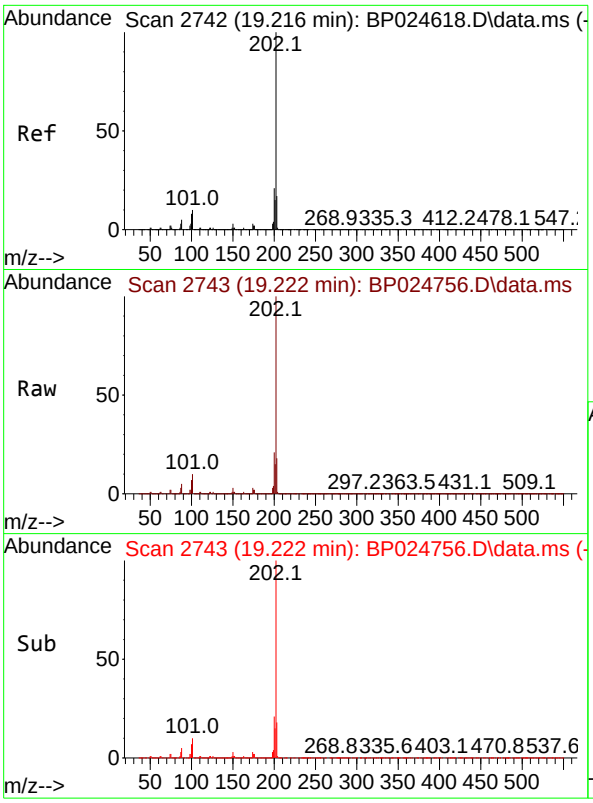


#74
Di-n-butylphthalate
Concen: 47.236 ng
RT: 18.104 min Scan# 2553
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:149 Resp: 2111662

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.3	6.5



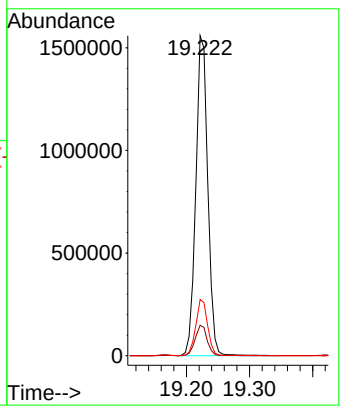


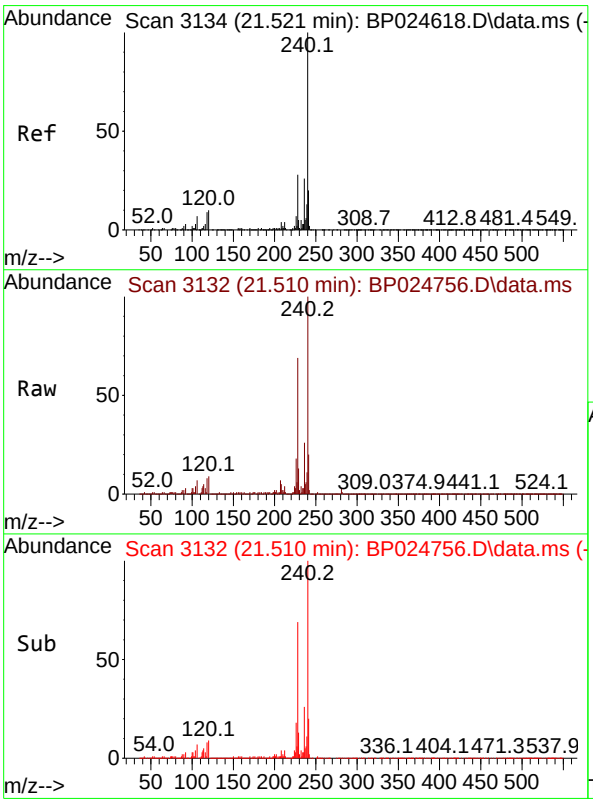
#75
Fluoranthene
Concen: 45.816 ng
RT: 19.222 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:202 Resp: 2044320

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	17.6	0.0	37.5

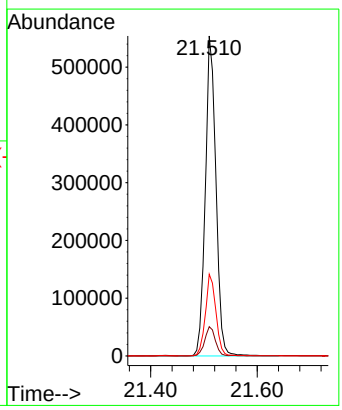


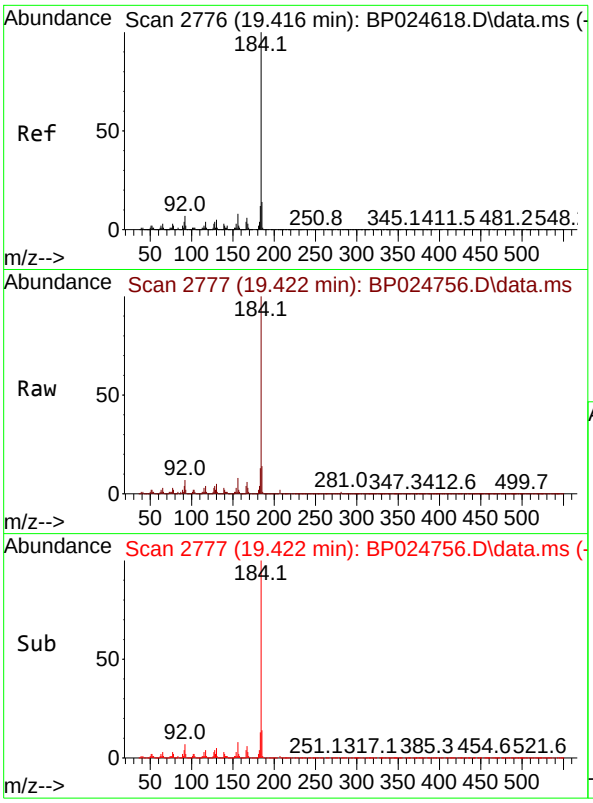


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:240 Resp: 768545

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	25.6	20.6	31.0



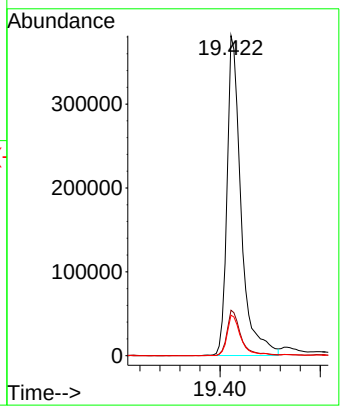


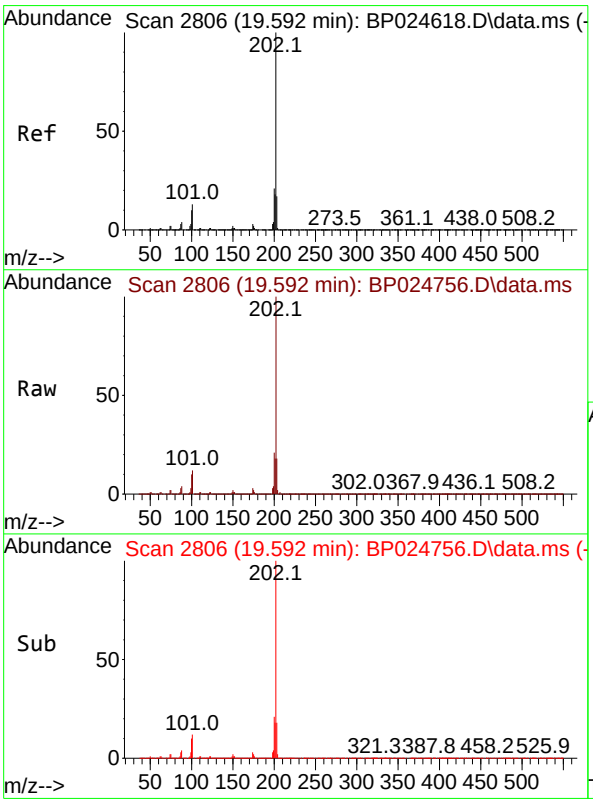
#77
Benzidine
Concen: 35.485 ng
RT: 19.422 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:184 Resp: 742781

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.6	9.8	14.8

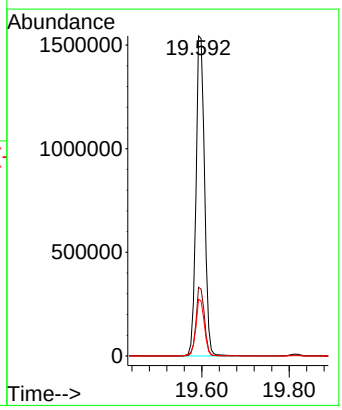


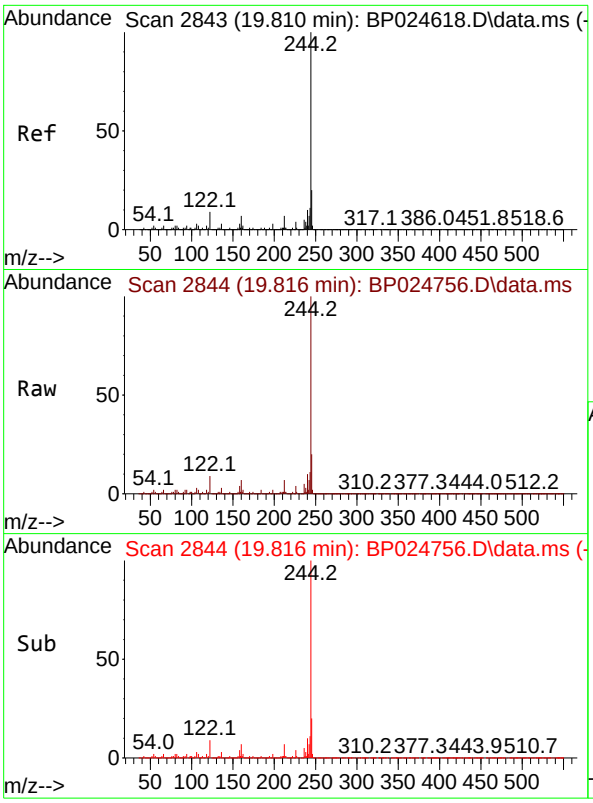


#78
Pyrene
Concen: 45.592 ng
RT: 19.592 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:202 Resp: 2099503

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.7	13.9	20.9



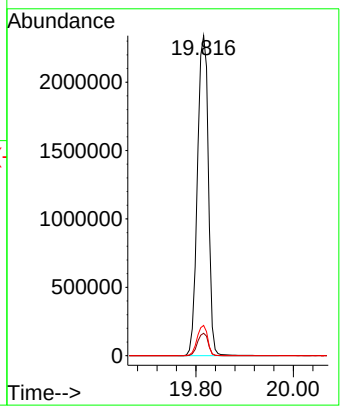


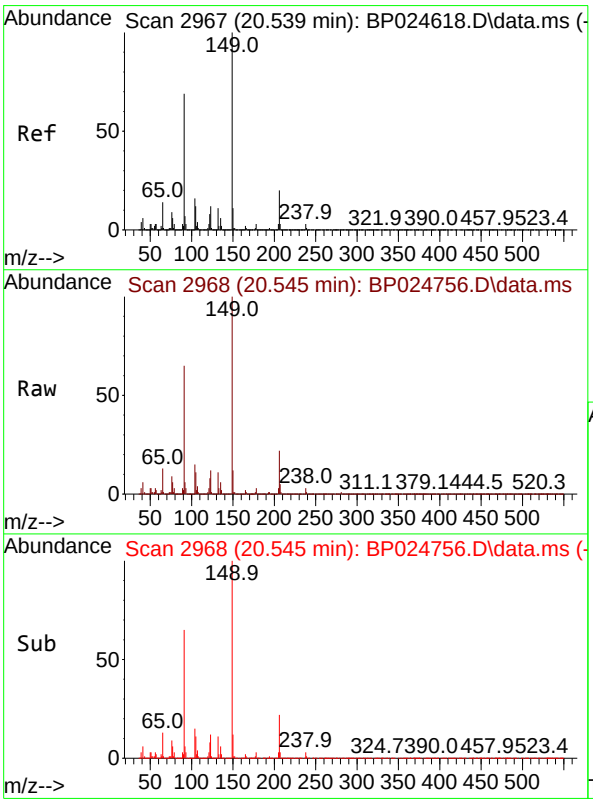
#79
Terphenyl-d14
Concen: 81.496 ng
RT: 19.816 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:244 Resp: 3652739

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.5	7.4	11.0

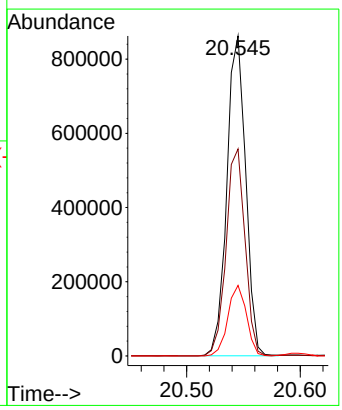


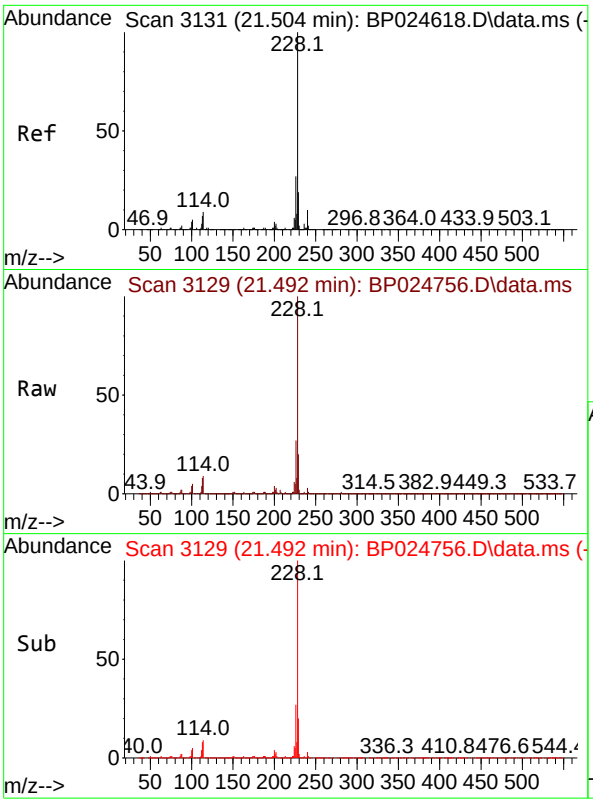


#80
Butylbenzylphthalate
Concen: 48.461 ng
RT: 20.545 min Scan# 2968
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:149 Resp: 992487

Ion	Ratio	Lower	Upper
149	100		
91	64.7	55.4	83.0
206	22.0	16.2	24.2



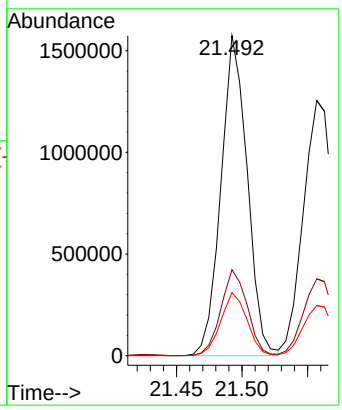


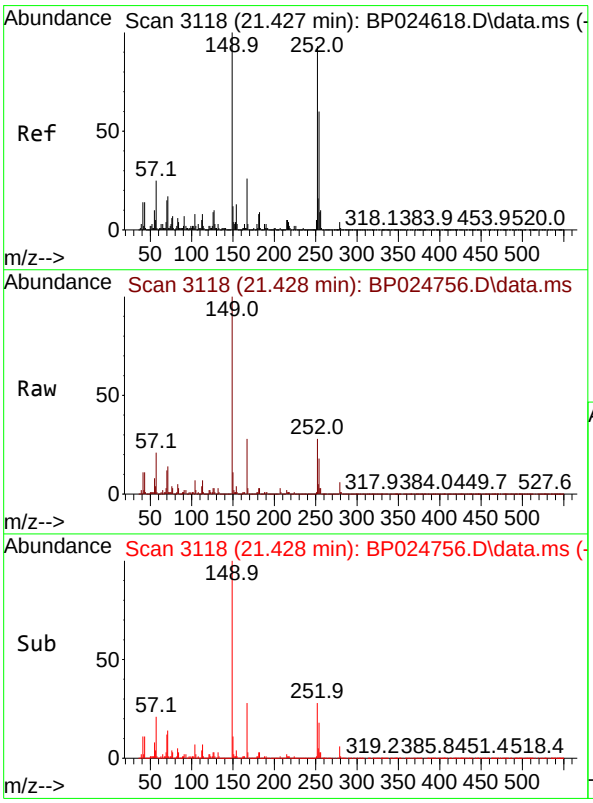
#81
Benzo(a)anthracene
Concen: 45.475 ng
RT: 21.492 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:228 Resp: 2194524

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.4	32.0
229	19.8	15.5	23.3

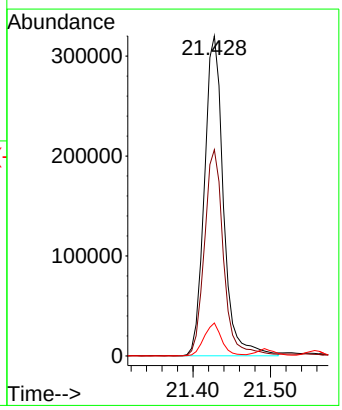


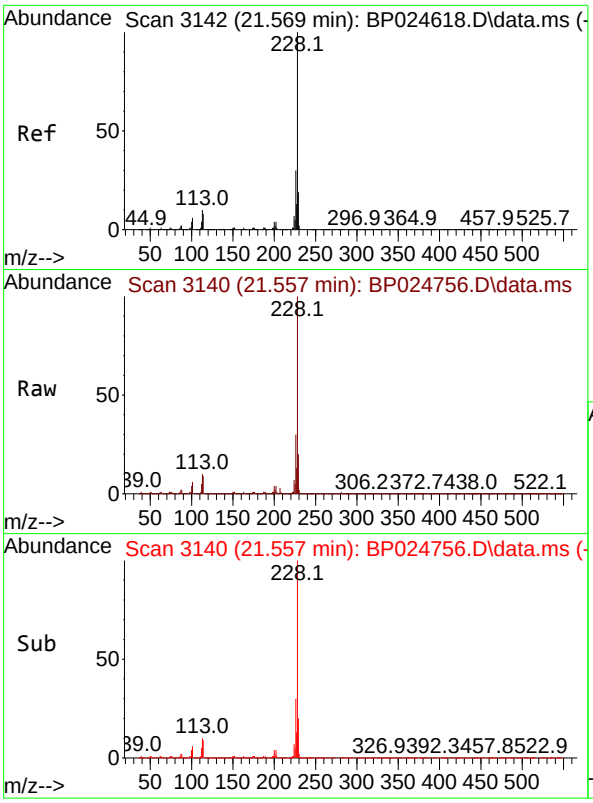


#82
3,3'-Dichlorobenzidine
Concen: 30.394 ng
RT: 21.428 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:252 Resp: 544789

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	10.3	7.7	11.5



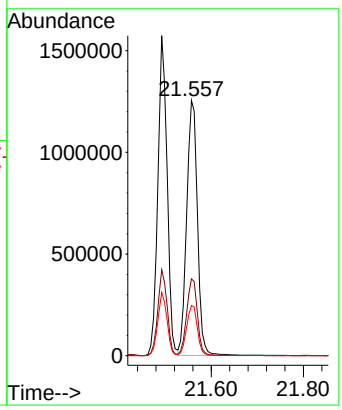


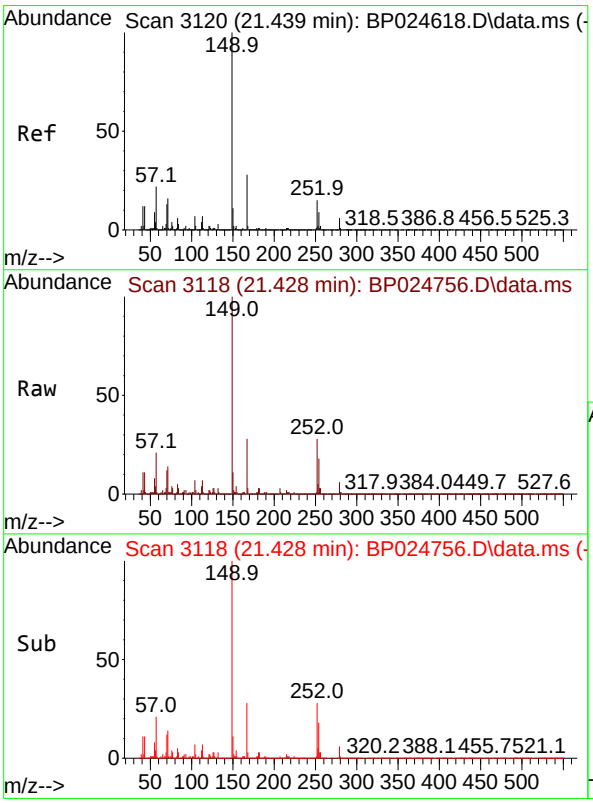
#83
Chrysene
Concen: 44.408 ng
RT: 21.557 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:228 Resp: 2031513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.6	15.5	23.3

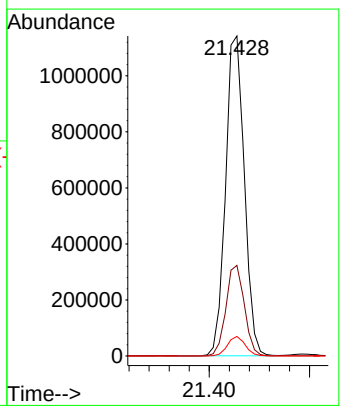


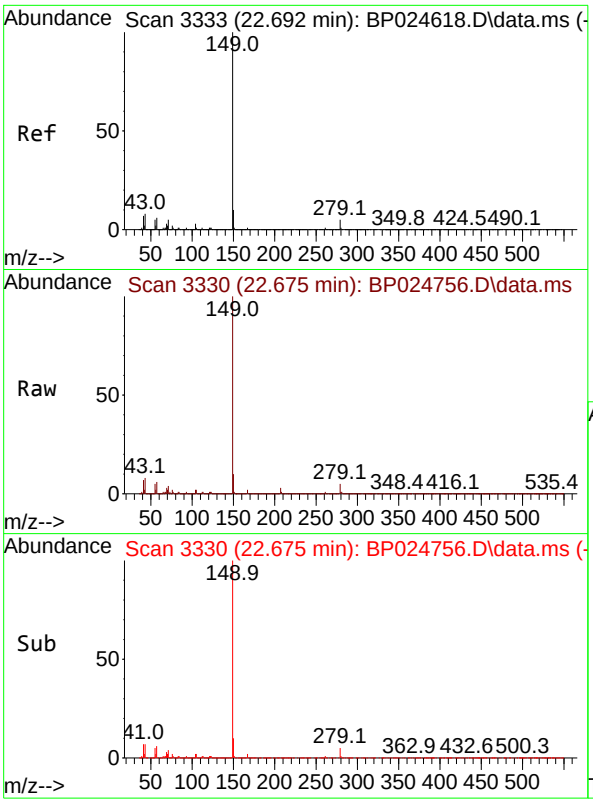


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.121 ng
RT: 21.428 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:149 Resp: 1478644

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	6.1	4.6	6.8



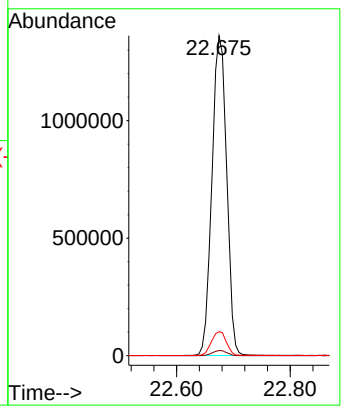


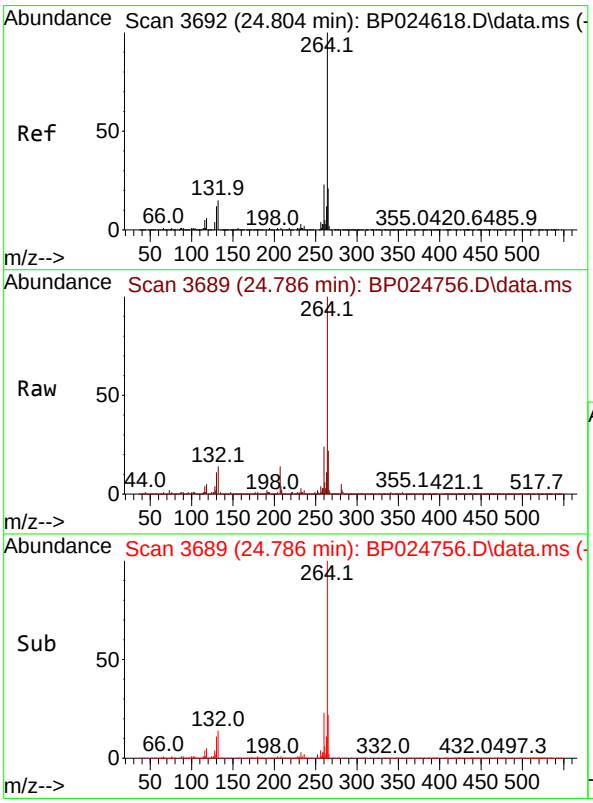
#85
Di-n-octyl phthalate
Concen: 49.615 ng
RT: 22.675 min Scan# 3
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:149 Resp: 2442323

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.6	6.3	9.5

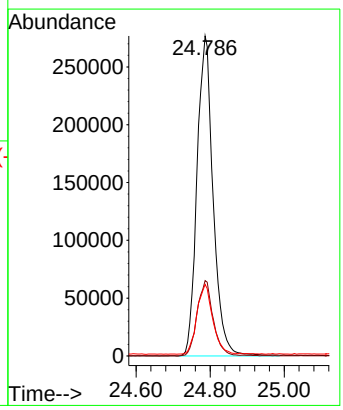


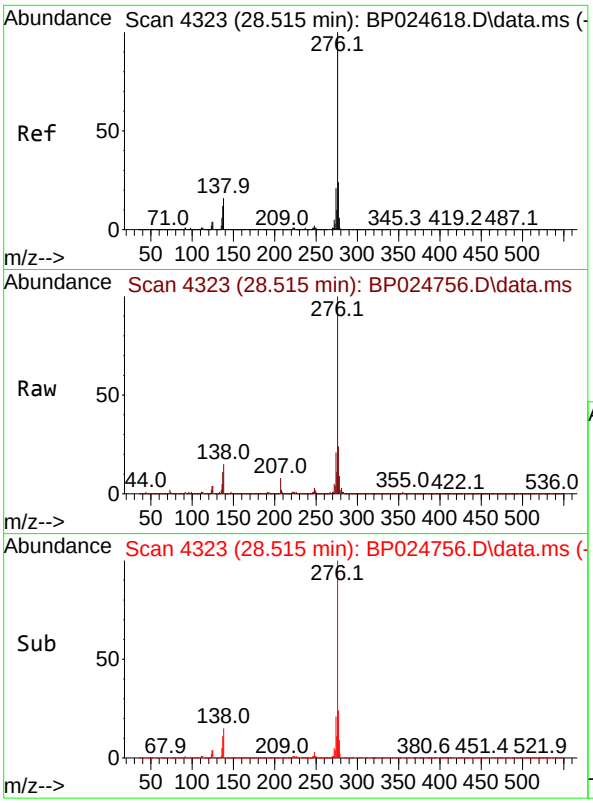


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.786 min Scan# 3689
Delta R.T. -0.017 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:264 Resp: 835982

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.4	17.0	25.6



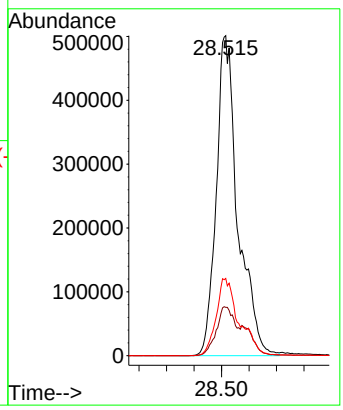


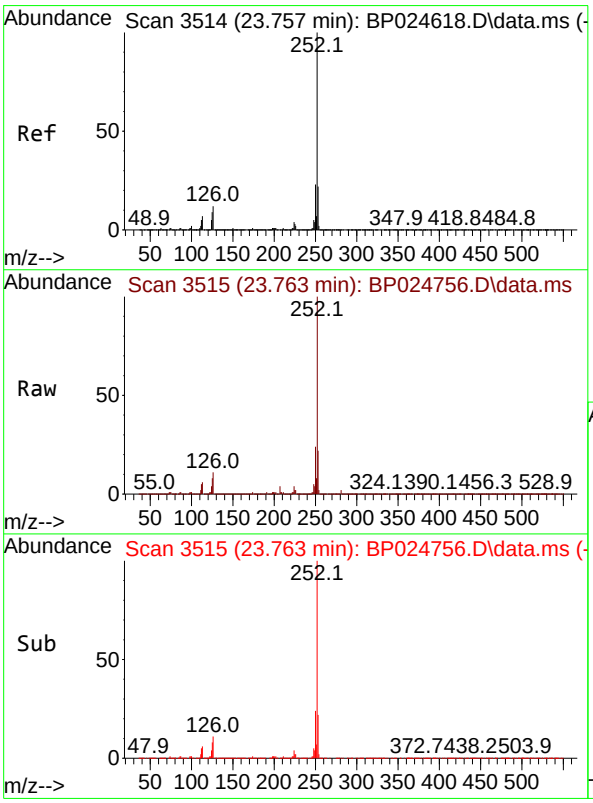
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.820 ng
RT: 28.515 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:276 Resp: 2735441

Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.2	16.8
277	25.5	15.7	23.5#

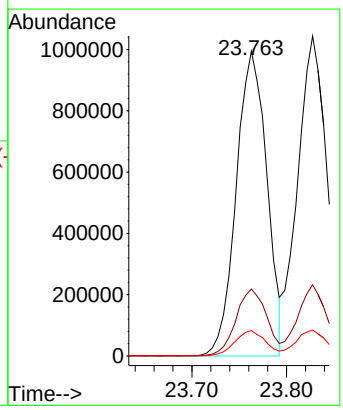


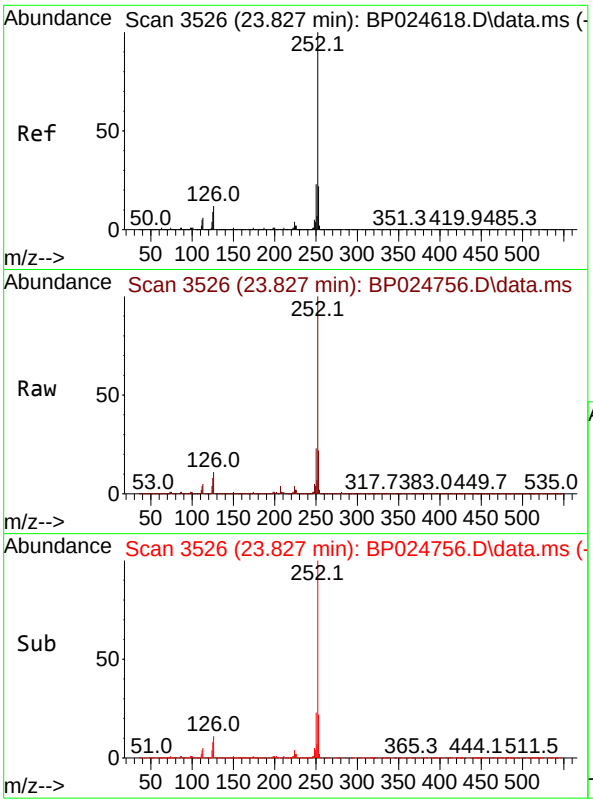


#88
Benzo(b)fluoranthene
Concen: 46.679 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:252 Resp: 2233590

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	8.4	7.5	11.3



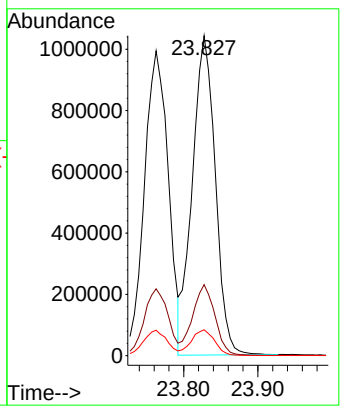


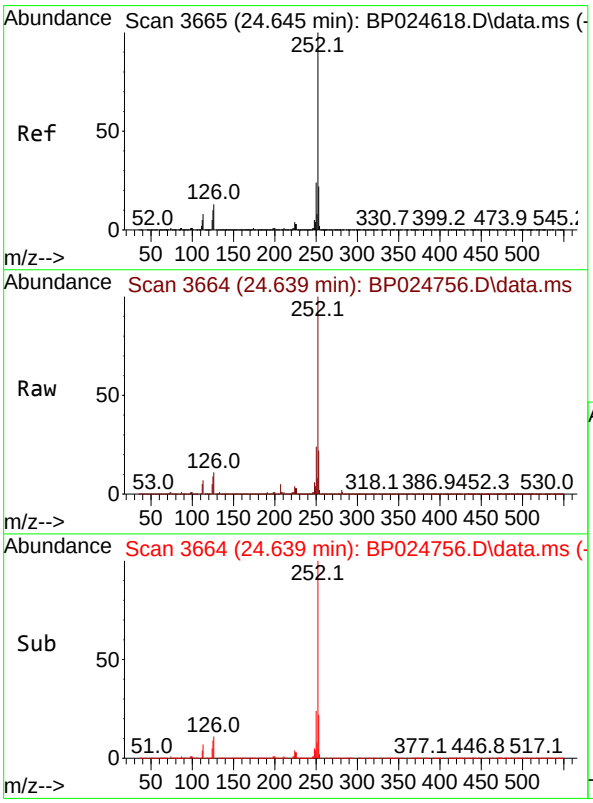
#89
Benzo(k)fluoranthene
Concen: 45.608 ng
RT: 23.827 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:252 Resp: 2248794

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.1	7.0	10.4

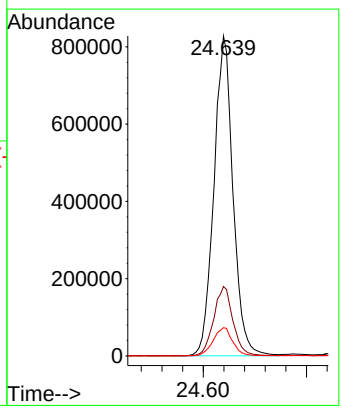


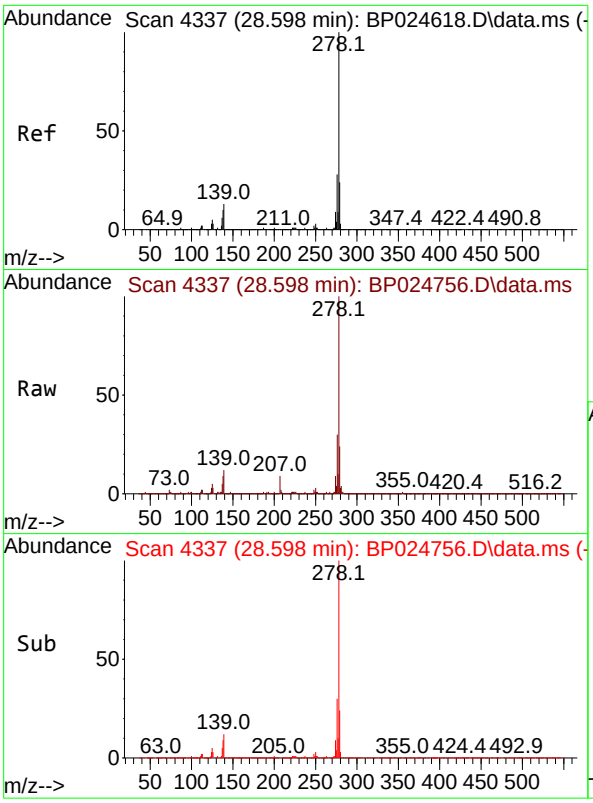


#90
Benzo(a)pyrene
Concen: 46.138 ng
RT: 24.639 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:252 Resp: 2120304

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.9	8.1	12.1



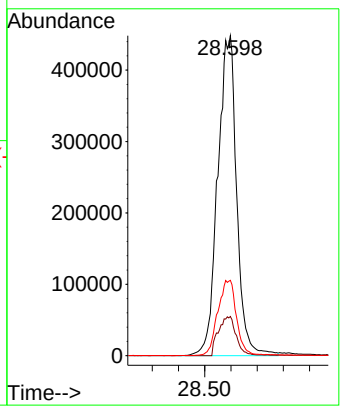


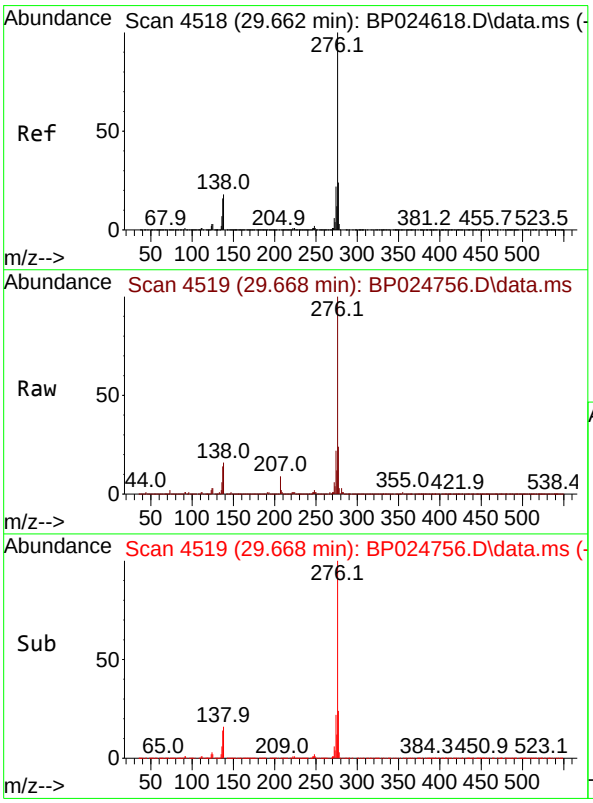
#91
Dibenzo(a,h)anthracene
Concen: 45.246 ng
RT: 28.598 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Instrument :
BNA_P
ClientSampleId :
PB168098BSD

Tgt Ion:278 Resp: 2246534

Ion	Ratio	Lower	Upper
278	100		
139	12.2	10.2	15.4
279	23.6	19.0	28.4

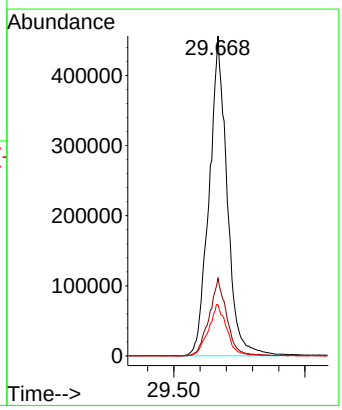




#92
Benzo(g,h,i)perylene
Concen: 43.905 ng
RT: 29.668 min Scan# 4519
Delta R.T. 0.006 min
Lab File: BP024756.D
Acq: 22 May 2025 12:58

Tgt Ion:276 Resp: 2167806

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	16.0	14.4	21.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11MS	SDG No.:	Q2075
Lab Sample ID:	Q2075-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142487.D	1	05/20/25 09:45	05/21/25 15:06	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		25.9	190	ug/Kg
208-96-8	Acenaphthylene	1600		33.0	190	ug/Kg
83-32-9	Acenaphthene	1800		24.3	190	ug/Kg
86-73-7	Fluorene	1700		28.9	190	ug/Kg
85-01-8	Phenanthrene	1600		23.9	190	ug/Kg
120-12-7	Anthracene	1700		38.0	190	ug/Kg
206-44-0	Fluoranthene	2200		34.2	190	ug/Kg
129-00-0	Pyrene	1300		41.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	1700		26.3	190	ug/Kg
218-01-9	Chrysene	1600		22.7	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		21.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		25.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		33.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		33.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		31.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		29.3	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	60.4		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	51.6		20 - 109	52%	SPK: 100
1718-51-0	Terphenyl-d14	41.5		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	54800	6.898			
1146-65-2	Naphthalene-d8	201000	8.181			
15067-26-2	Acenaphthene-d10	114000	9.939			
1517-22-2	Phenanthrene-d10	229000	11.427			
1719-03-5	Chrysene-d12	211000	14.068			
1520-96-3	Perylene-d12	176000	15.563			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11MS	SDG No.:	Q2075
Lab Sample ID:	Q2075-04MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142487.D	1	05/20/25 09:45	05/21/25 15:06	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142487.D
Acq On : 21 May 2025 15:06
Operator : RC/JU
Sample : Q2075-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Quant Time: May 21 15:50:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	54835	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	200654	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	113830	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	229012	20.000	ng		0.00
76) Chrysene-d12	14.068	240	210926	20.000	ng		0.00
86) Perylene-d12	15.563	264	176162	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	317682	97.605	ng		-0.01
7) Phenol-d6	6.516	99	383061	97.770	ng		-0.02
23) Nitrobenzene-d5	7.457	82	222361	60.428	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	143338	113.457	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	437751	51.603	ng		-0.01
79) Terphenyl-d14	13.010	244	640281	41.482	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	48586	37.304	ng		100
3) Pyridine	3.410	79	130372	39.308	ng		99
4) n-Nitrosodimethylamine	3.346	42	69967	40.629	ng		99
6) Aniline	6.557	93	118384	22.472	ng		98
8) 2-Chlorophenol	6.681	128	145011	40.904	ng		99
9) Benzaldehyde	6.445	77	91556	38.852	ng		98
10) Phenol	6.528	94	180038	40.838	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	125263	39.472	ng		98
12) 1,3-Dichlorobenzene	6.840	146	159388	40.291	ng		98
13) 1,4-Dichlorobenzene	6.916	146	161291	40.477	ng		98
14) 1,2-Dichlorobenzene	7.069	146	153379	40.226	ng		99
15) Benzyl Alcohol	7.034	79	116330	40.178	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	207807	38.993	ng		100
17) 2-Methylphenol	7.140	107	112125	40.510	ng		99
18) Hexachloroethane	7.410	117	55846	40.136	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	93232	38.396	ng		100
20) 3+4-Methylphenols	7.292	107	144305	40.713	ng	#	87
22) Acetophenone	7.304	105	193459	43.554	ng		99
24) Nitrobenzene	7.475	77	141023	42.492	ng		98
25) Isophorone	7.716	82	246928	40.136	ng		98
26) 2-Nitrophenol	7.792	139	75333	42.480	ng		99
27) 2,4-Dimethylphenol	7.828	122	132431	42.346	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	154653	40.240	ng		100
29) 2,4-Dichlorophenol	8.034	162	119698	42.087	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	128865	41.750	ng		97
31) Naphthalene	8.204	128	419286	42.437	ng		100
32) Benzoic acid	7.916	122	88423m	46.448	ng		
33) 4-Chloroaniline	8.251	127	40768	10.183	ng		99
34) Hexachlorobutadiene	8.322	225	79280	41.136	ng		99
35) Caprolactam	8.598	113	43624m	54.613	ng		
36) 4-Chloro-3-methylphenol	8.728	107	125934	43.206	ng		98
37) 2-Methylnaphthalene	8.892	142	262739	42.270	ng		100
38) 1-Methylnaphthalene	8.992	142	272097	42.320	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	132130	40.437	ng		99
41) Hexachlorocyclopentadiene	9.051	237	162392	73.672	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	89146	40.459	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142487.D
Acq On : 21 May 2025 15:06
Operator : RC/JU
Sample : Q2075-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Quant Time: May 21 15:50:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

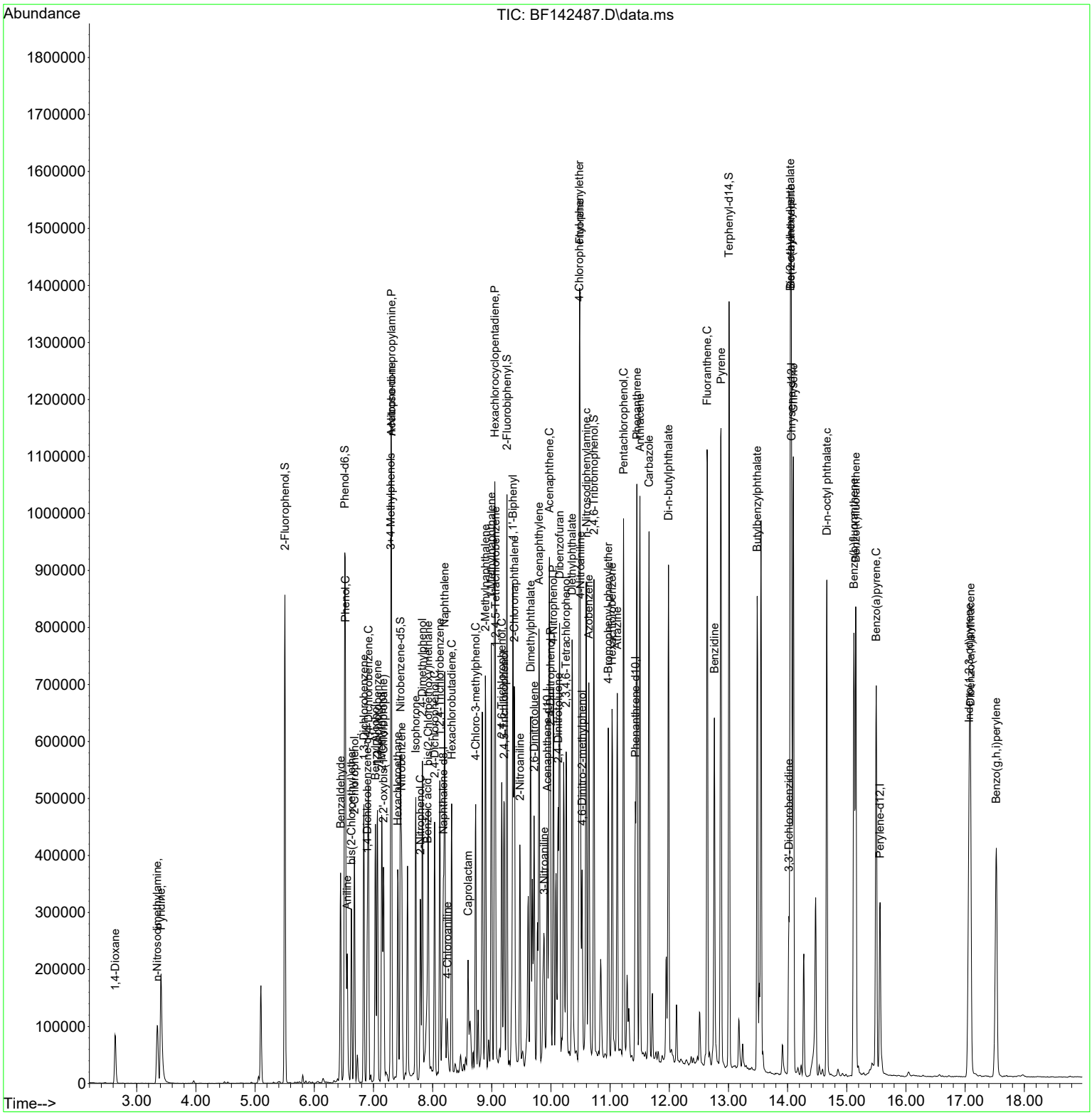
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	97535	41.972	ng		98
46) 1,1'-Biphenyl	9.357	154	366054	41.450	ng		99
47) 2-Chloronaphthalene	9.381	162	261870	40.135	ng		100
48) 2-Nitroaniline	9.475	65	83501	44.275	ng		99
49) Acenaphthylene	9.798	152	461954	41.929	ng		99
50) Dimethylphthalate	9.657	163	321711	42.833	ng		99
51) 2,6-Dinitrotoluene	9.716	165	71155	43.893	ng		98
52) Acenaphthene	9.975	154	316584	47.057	ng		98
53) 3-Nitroaniline	9.886	138	49223	27.800	ng		97
54) 2,4-Dinitrophenol	9.992	184	89427	106.777	ng		97
55) Dibenzofuran	10.145	168	417111	43.085	ng		99
56) 4-Nitrophenol	10.039	139	148325	113.533	ng		94
57) 2,4-Dinitrotoluene	10.122	165	106463	50.288	ng		99
58) Fluorene	10.486	166	334722	44.754	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	87547	45.129	ng	#	99
60) Diethylphthalate	10.357	149	336727	45.904	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	156021	42.465	ng		98
62) 4-Nitroaniline	10.498	138	88055	54.834	ng		99
63) Azobenzene	10.639	77	321047	48.728	ng		97
65) 4,6-Dinitro-2-methylph...	10.528	198	59594	46.629	ng		100
66) n-Nitrosodiphenylamine	10.598	169	302640	38.627	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	100859	37.246	ng		97
68) Hexachlorobenzene	11.033	284	116897	39.031	ng		99
69) Atrazine	11.122	200	107203	51.521	ng		98
70) Pentachlorophenol	11.227	266	154568	91.410	ng		99
71) Phenanthrene	11.451	178	528821	43.208	ng		100
72) Anthracene	11.504	178	544100	43.560	ng		99
73) Carbazole	11.657	167	529990	49.633	ng		100
74) Di-n-butylphthalate	11.986	149	608435	52.055	ng		99
75) Fluoranthene	12.639	202	660582	57.764	ng		100
77) Benzidine	12.763	184	338429	43.116	ng		99
78) Pyrene	12.874	202	669848	34.043	ng		99
80) Butylbenzylphthalate	13.486	149	271799	49.991	ng		99
81) Benzo(a)anthracene	14.057	228	611032	43.383	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	81284	19.027	ng		97
83) Chrysene	14.098	228	524218	41.421	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	376196	54.051	ng		100
85) Di-n-octyl phthalate	14.663	149	605040	44.459	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	477933	36.138	ng		99
88) Benzo(b)fluoranthene	15.121	252	530624	50.894	ng		98
89) Benzo(k)fluoranthene	15.151	252	416436	42.645	ng		99
90) Benzo(a)pyrene	15.498	252	434657	44.228	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	382303	35.642	ng		99
92) Benzo(g,h,i)perylene	17.527	276	380185	35.437	ng		100

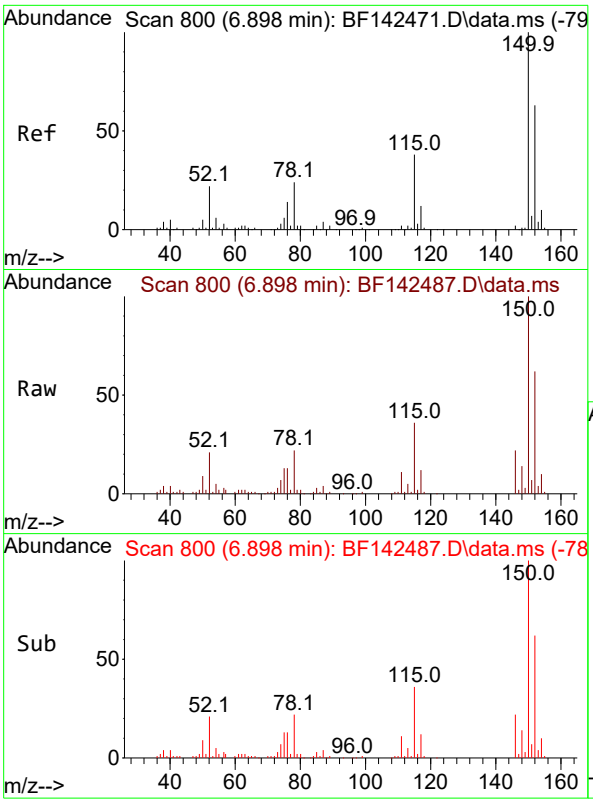
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142487.D
Acq On : 21 May 2025 15:06
Operator : RC/JU
Sample : Q2075-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Quant Time: May 21 15:50:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



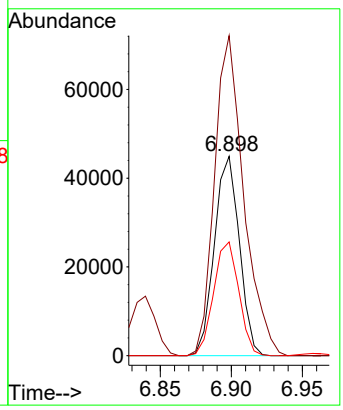


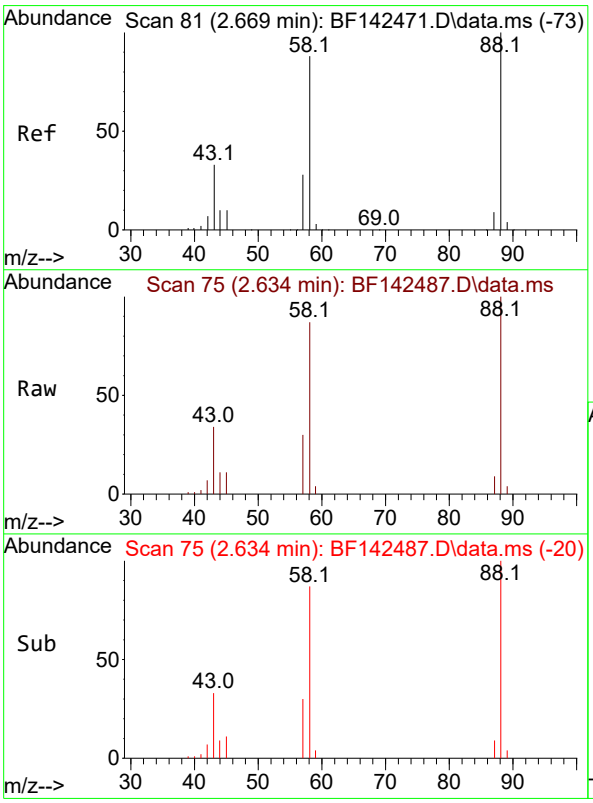
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:152 Resp: 54835

Ion	Ratio	Lower	Upper
152	100		
150	160.5	128.2	192.4
115	57.0	48.3	72.5

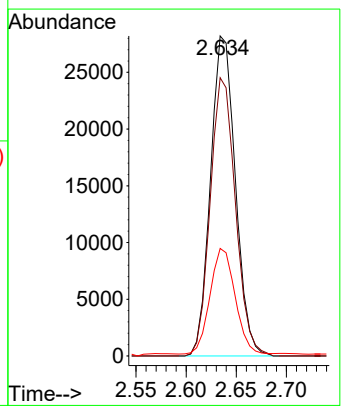


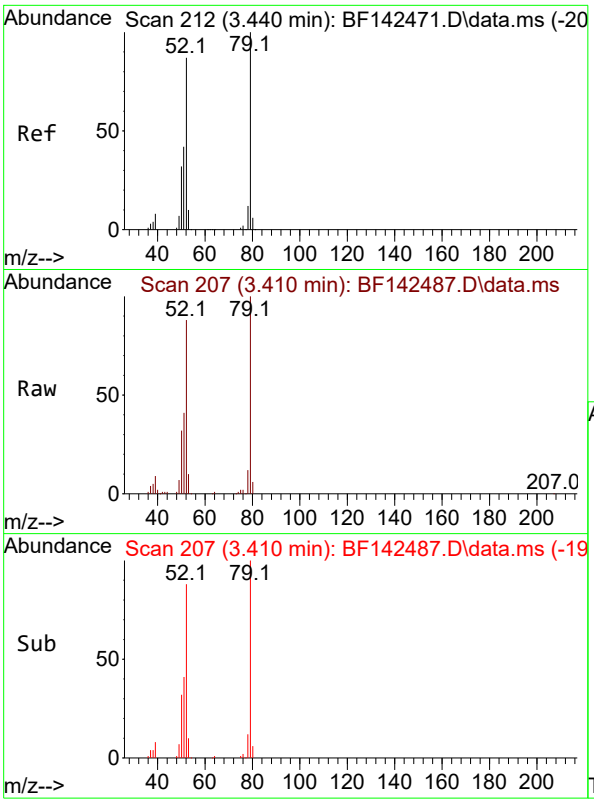


#2
1,4-Dioxane
Concen: 37.304 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.029 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 88 Resp: 48586

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.8	106.2
43	33.9	26.6	40.0



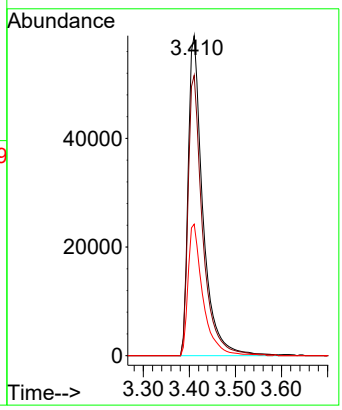


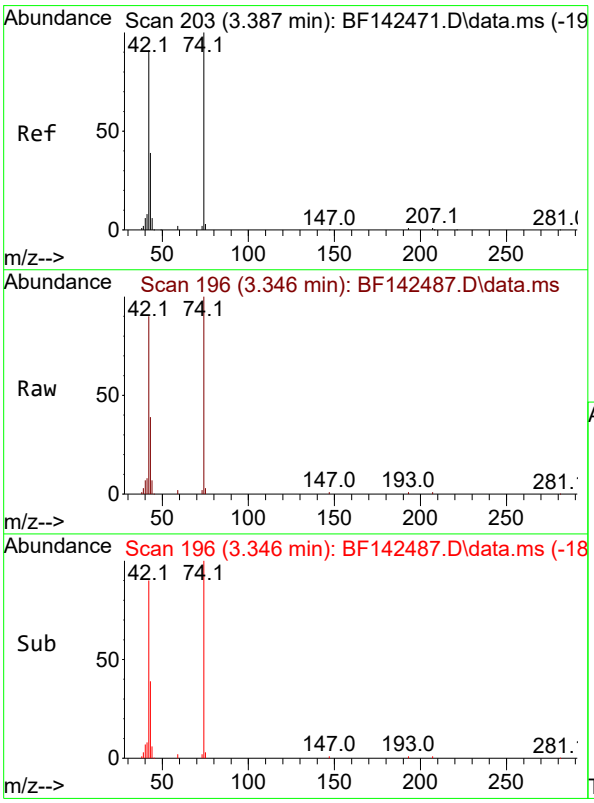
#3
Pyridine
Concen: 39.308 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 79 Resp: 130372

Ion	Ratio	Lower	Upper
79	100		
52	87.6	69.2	103.8
51	41.1	33.3	49.9

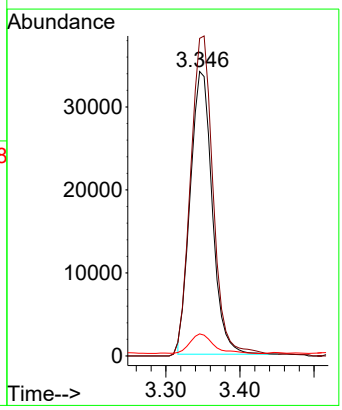


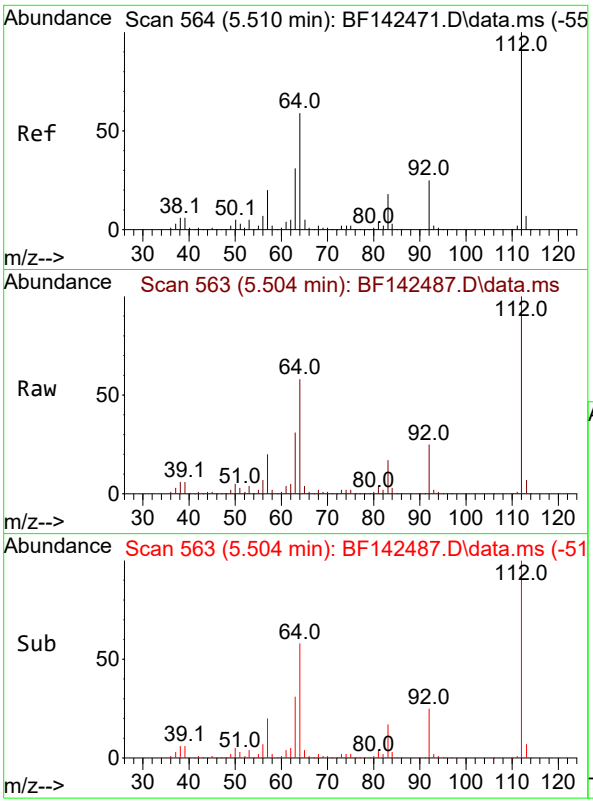


#4
n-Nitrosodimethylamine
Concen: 40.629 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.059 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 42 Resp: 69967

Ion	Ratio	Lower	Upper
42	100		
74	111.6	88.2	132.4
44	7.7	5.4	8.2



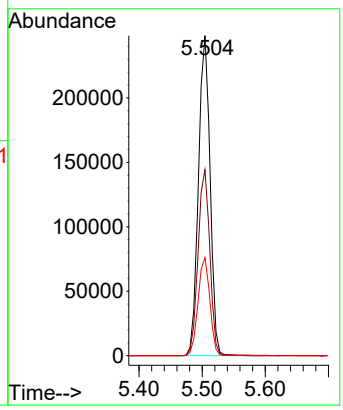


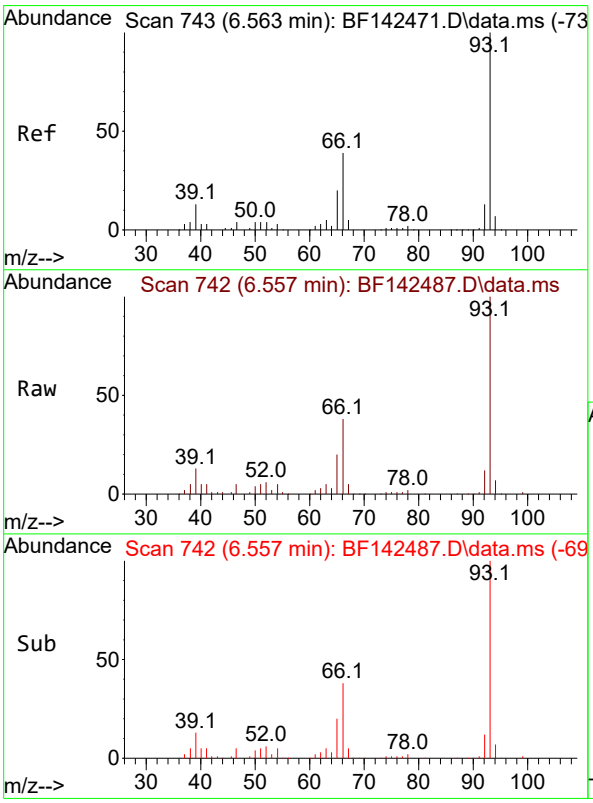
#5
2-Fluorophenol
Concen: 97.605 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:112 Resp: 317682

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.5	71.3
63	30.7	24.9	37.3

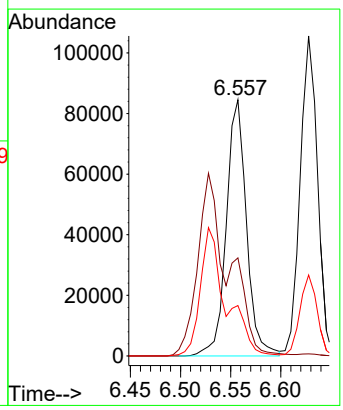


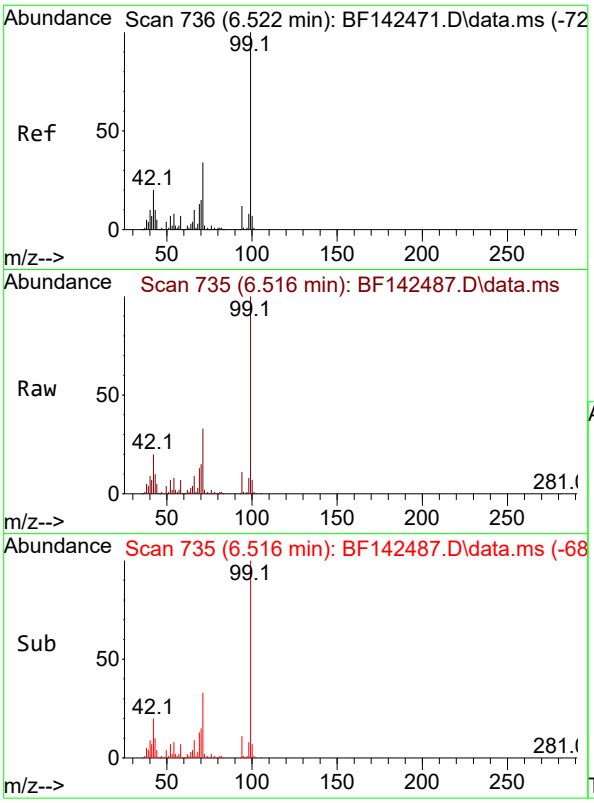


#6
Aniline
Concen: 22.472 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 93 Resp: 118384

Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.0	48.0
65	19.7	16.1	24.1



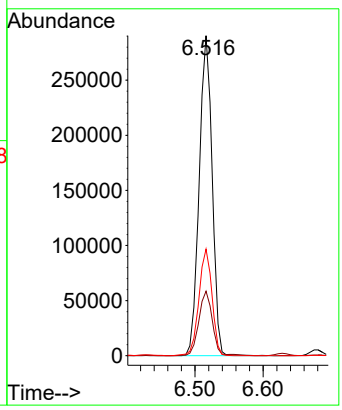


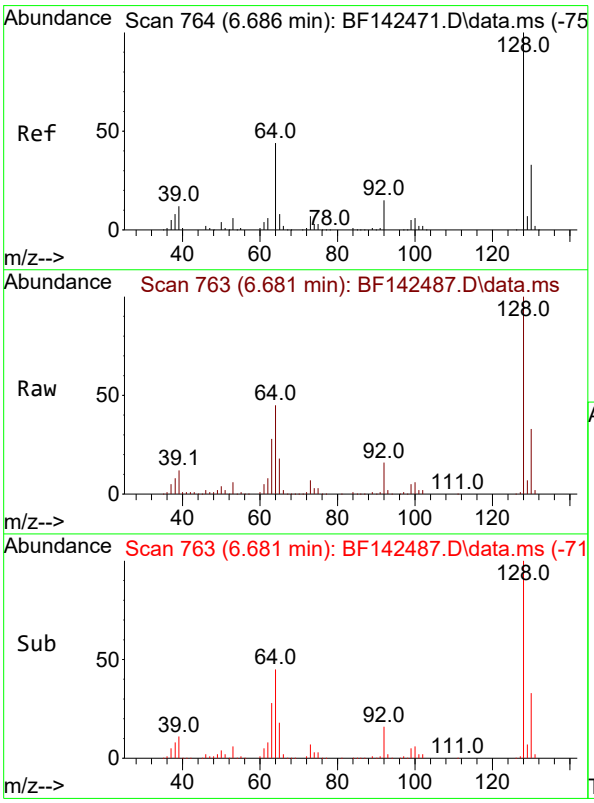
#7
Phenol-d6
Concen: 97.770 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 99 Resp: 383061

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.2	24.2
71	33.3	27.3	40.9

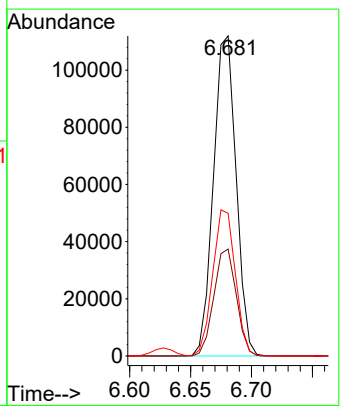


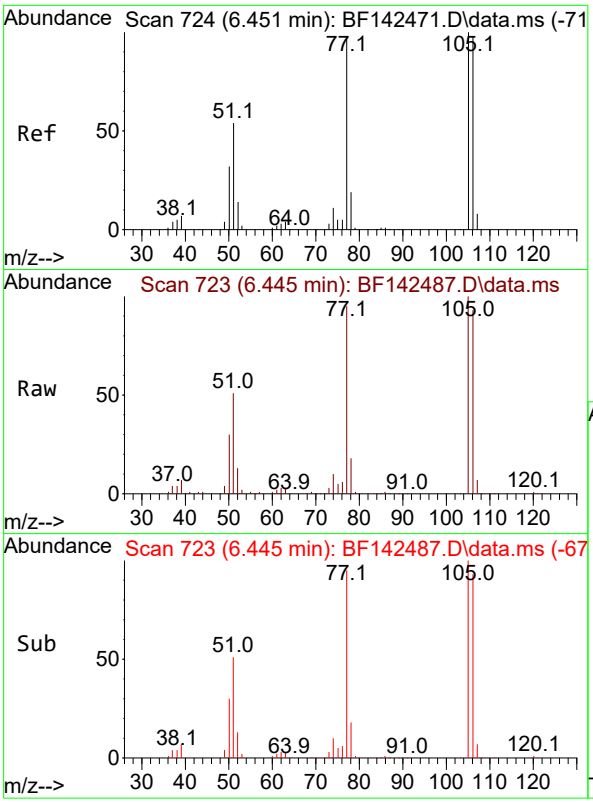


#8
2-Chlorophenol
Concen: 40.904 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:128 Resp: 145011

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	44.6	25.1	65.1



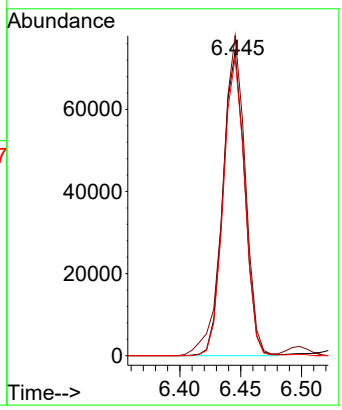


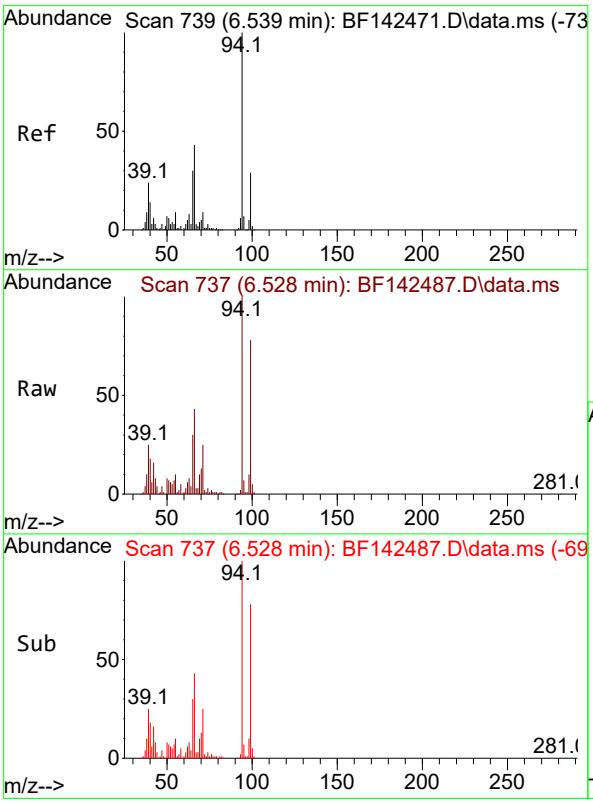
#9
Benzaldehyde
Concen: 38.852 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 77 Resp: 91556

Ion	Ratio	Lower	Upper
77	100		
105	105.2	82.5	122.5
106	97.9	80.0	120.0

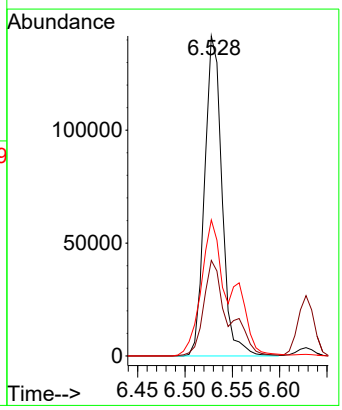


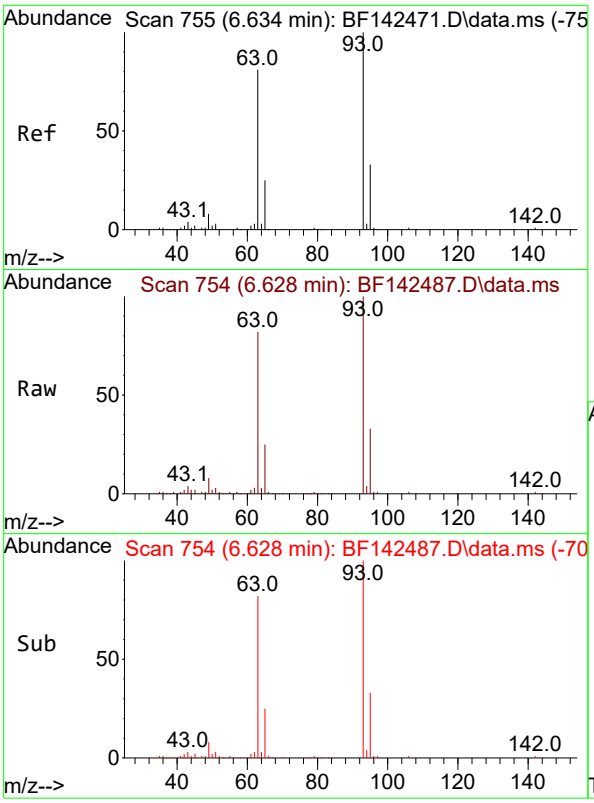


#10
Phenol
Concen: 40.838 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 94 Resp: 180038

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.3	50.3
66	42.5	22.6	62.6



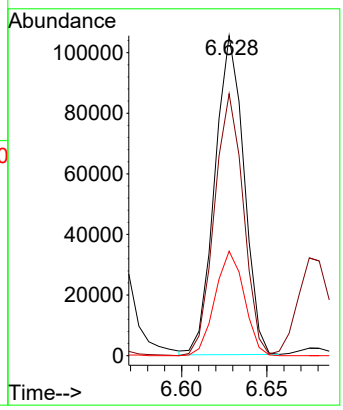


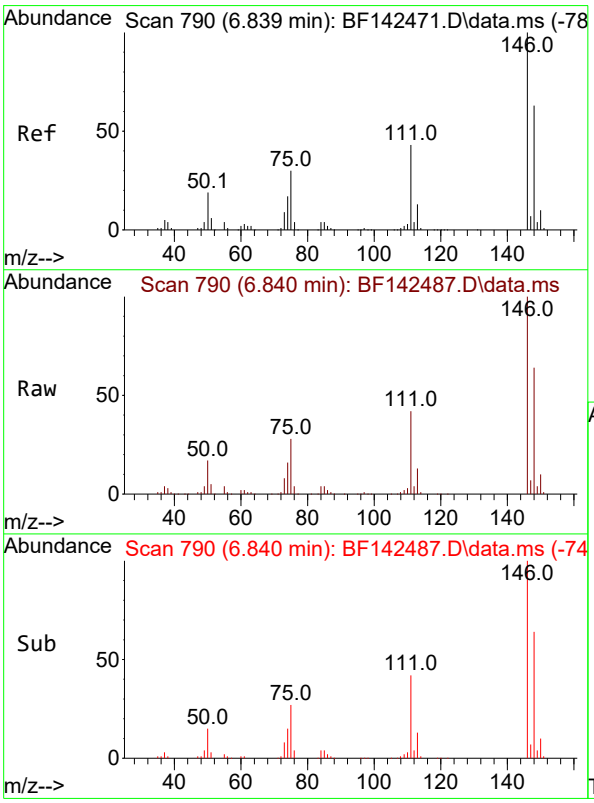
#11
bis(2-Chloroethyl)ether
Concen: 39.472 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 93 Resp: 125263

Ion	Ratio	Lower	Upper
93	100		
63	81.8	60.2	100.2
95	32.7	12.3	52.3

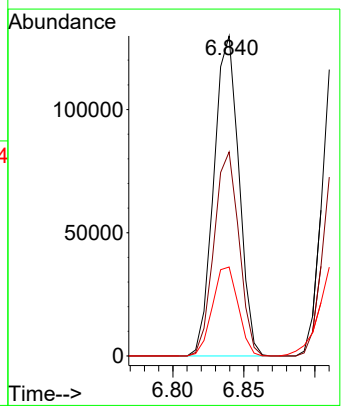


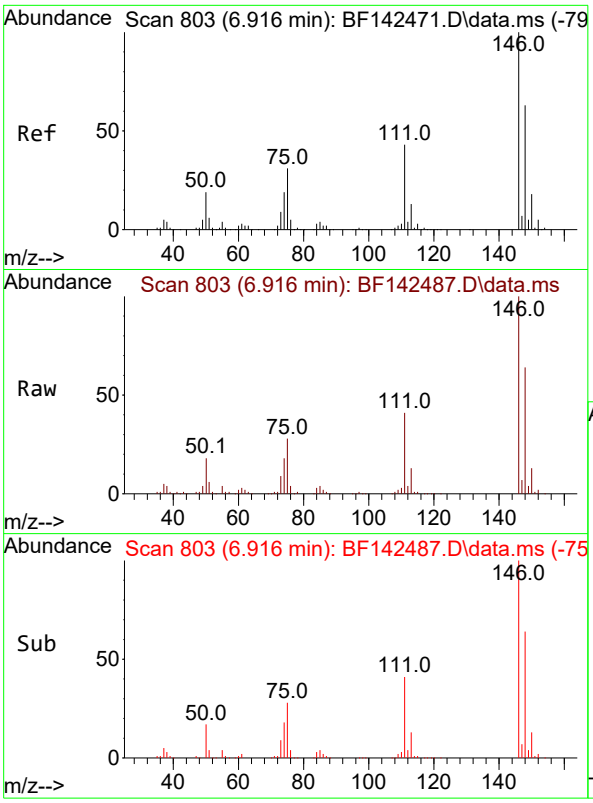


#12
1,3-Dichlorobenzene
Concen: 40.291 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:146 Resp: 159388

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
75	27.8	23.8	35.6



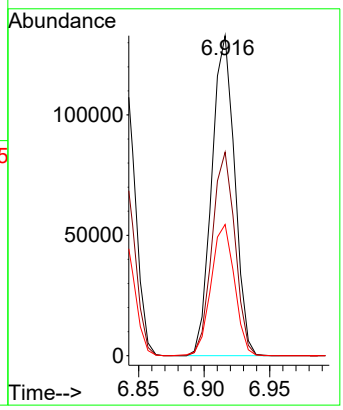


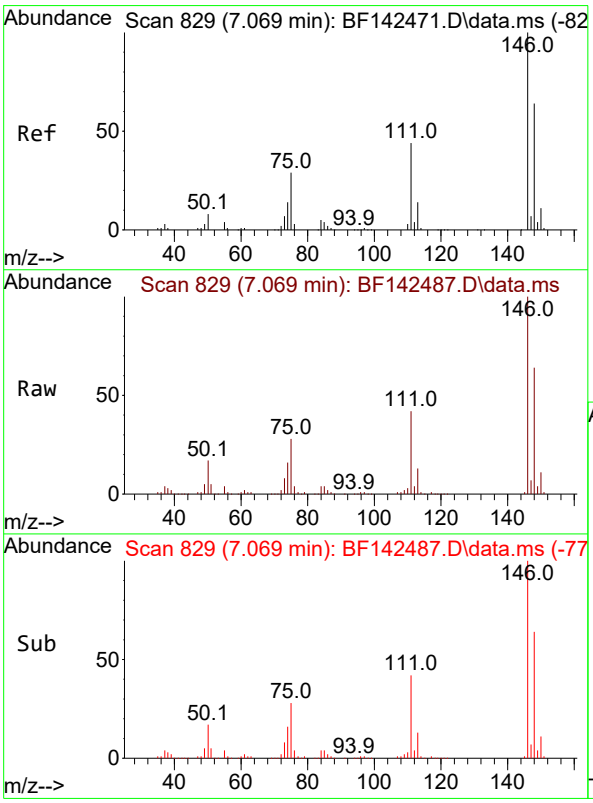
#13
1,4-Dichlorobenzene
Concen: 40.477 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:146 Resp: 161291

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	41.0	34.1	51.1

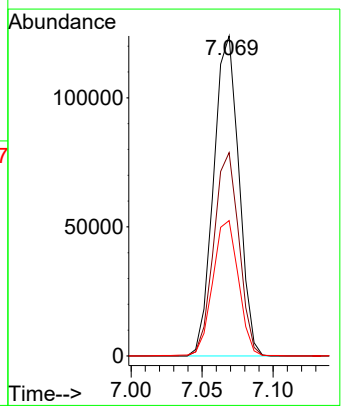


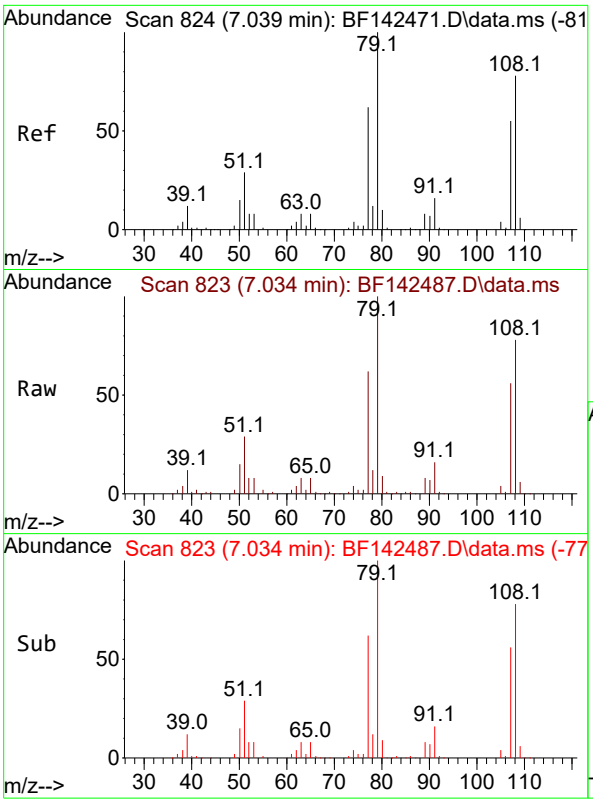


#14
1,2-Dichlorobenzene
Concen: 40.226 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:146 Resp: 153379

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	42.3	35.0	52.6



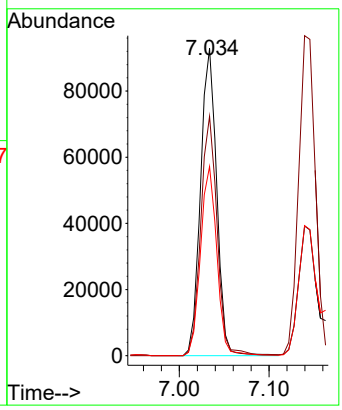


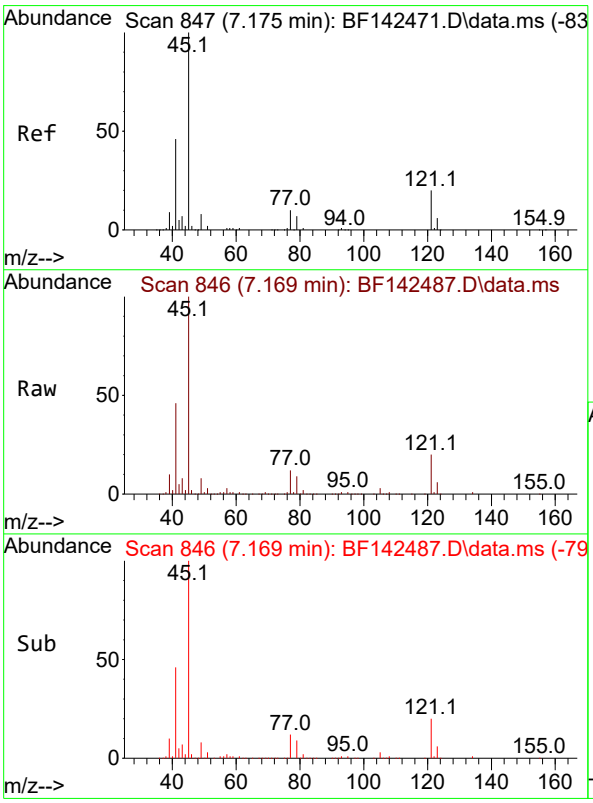
#15
Benzyl Alcohol
Concen: 40.178 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 79 Resp: 116330

Ion	Ratio	Lower	Upper
79	100		
108	77.9	62.1	93.1
77	61.6	49.5	74.3

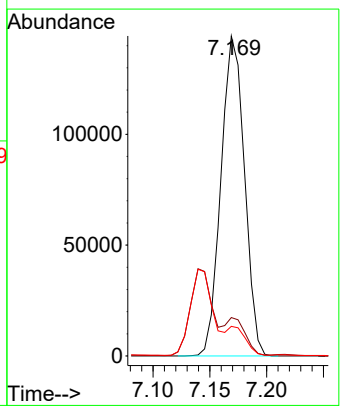


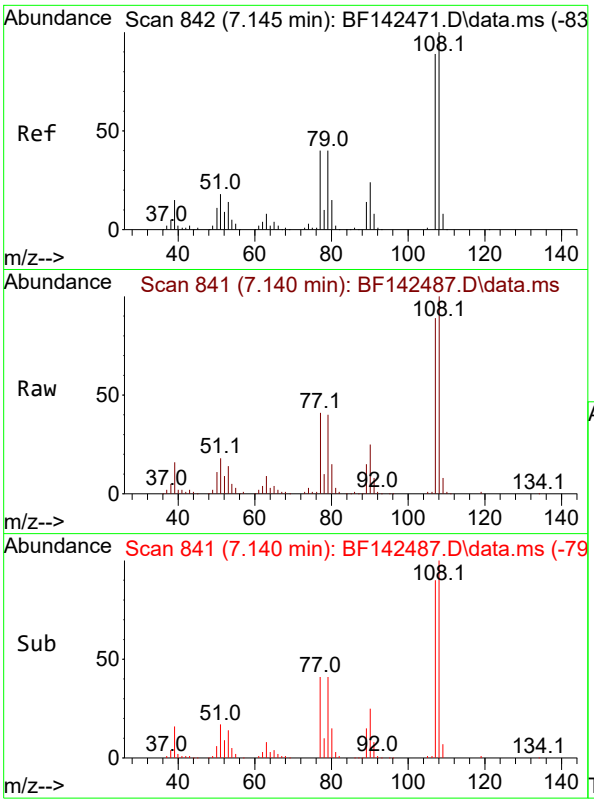


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.993 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 45 Resp: 207807

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.2	0.0	29.2



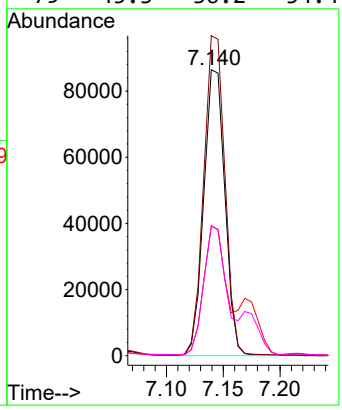


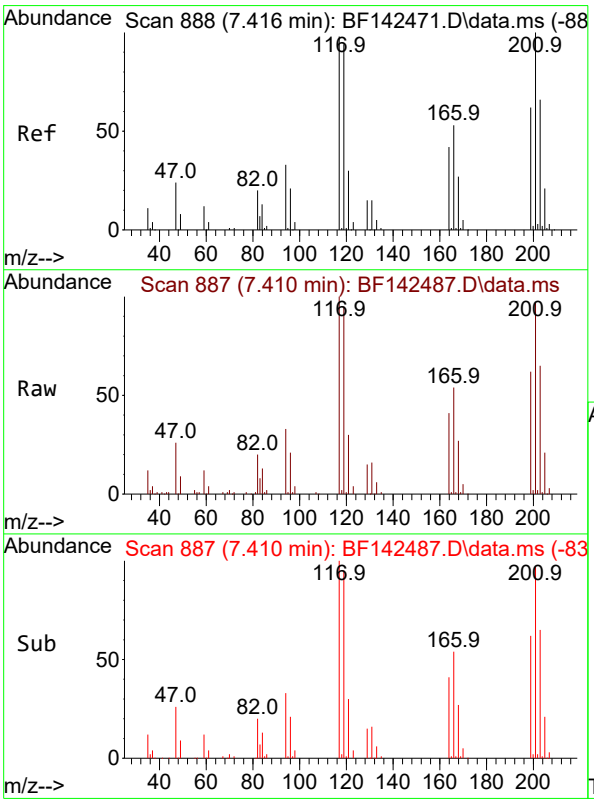
#17
2-Methylphenol
Concen: 40.510 ng
RT: 7.140 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:107 Resp: 112125

Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.2	135.2
77	45.5	36.1	54.1
79	45.3	36.2	54.4

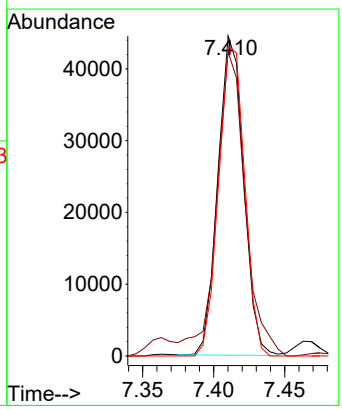


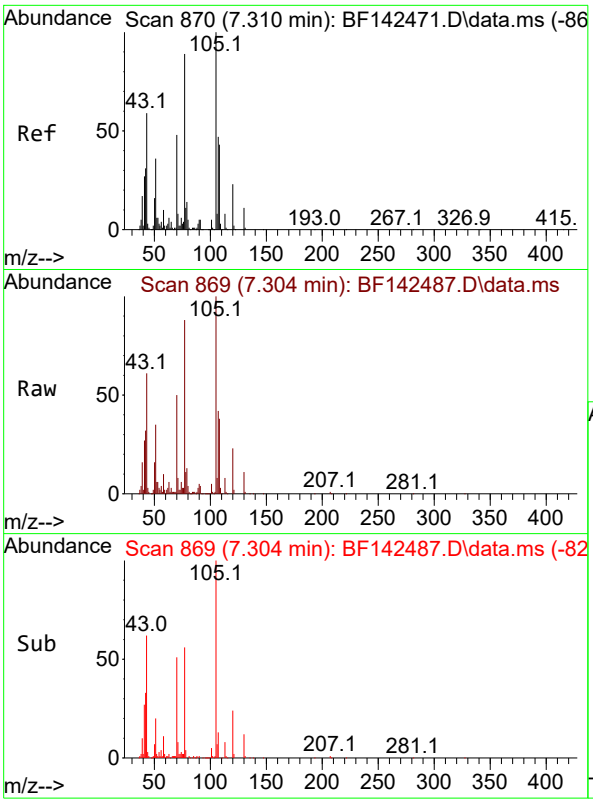


#18
Hexachloroethane
Concen: 40.136 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:117 Resp: 55846

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	114.8
201	96.6	81.3	121.9



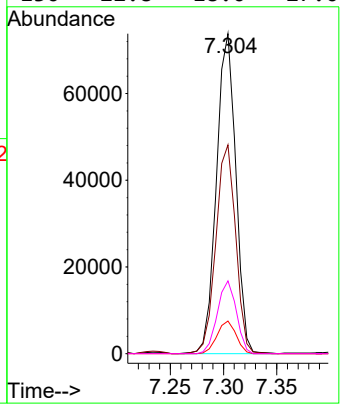


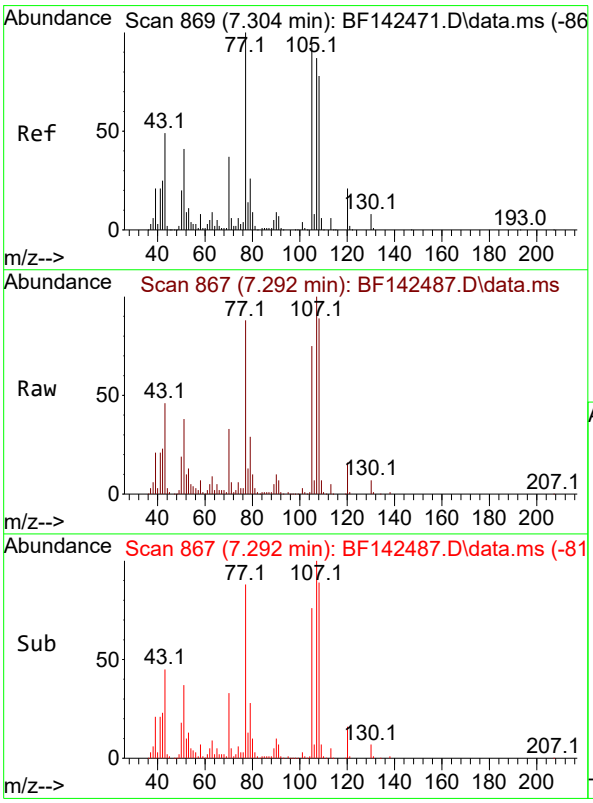
#19
n-Nitroso-di-n-propylamine
Concen: 38.396 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 70 Resp: 93232

Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.4	78.6
101	10.2	7.8	11.8
130	22.8	18.0	27.0

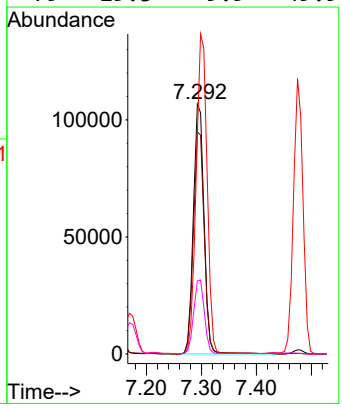


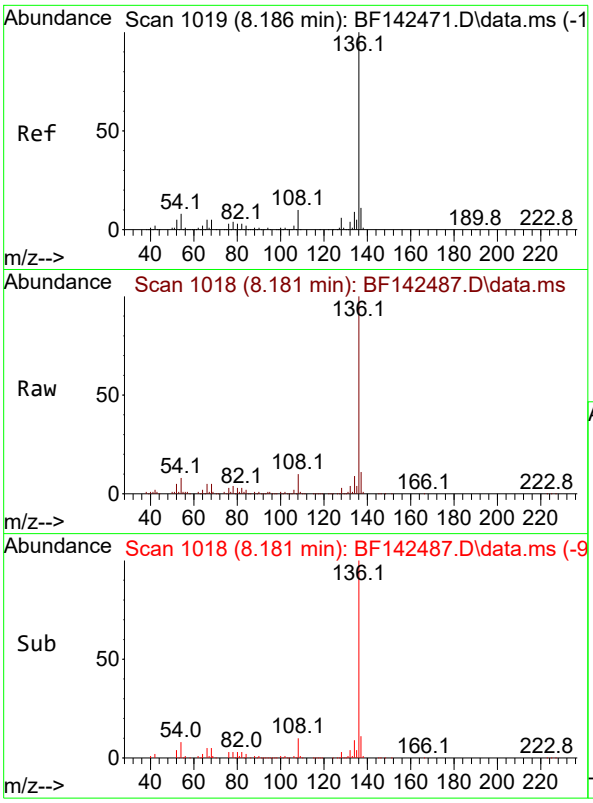


#20
3+4-Methylphenols
Concen: 40.713 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:107 Resp: 144305

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.4	110.4
77	88.2	95.4	135.4#
79	29.3	9.9	49.9



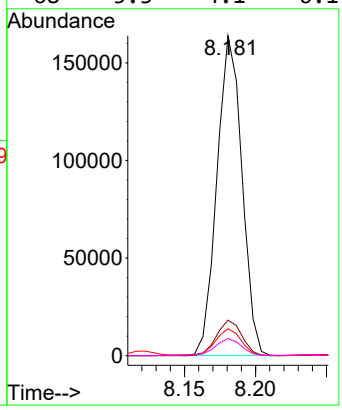


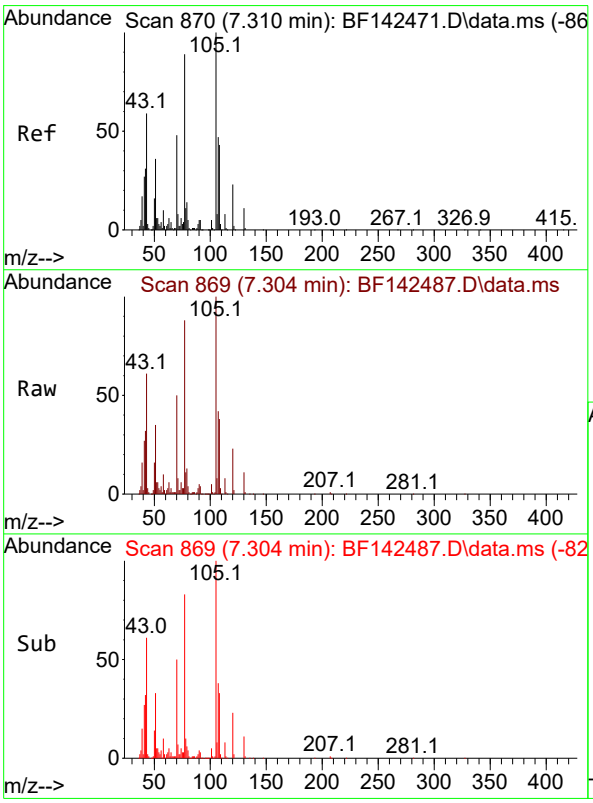
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:136 Resp: 200654

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.4	6.6	10.0
68	5.3	4.1	6.1

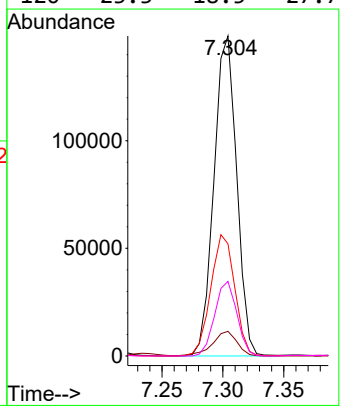


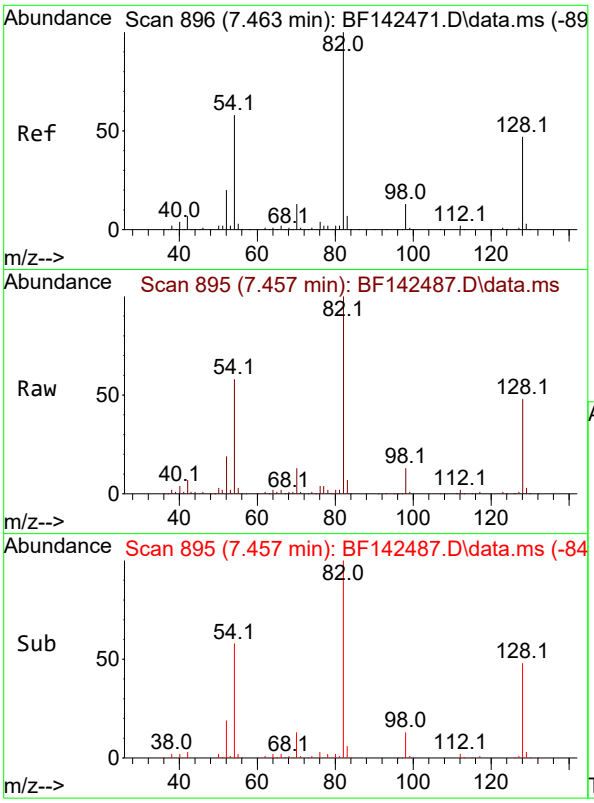


#22
Acetophenone
Concen: 43.554 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:105 Resp: 193459

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.4	9.6
51	35.0	28.6	42.8
120	23.3	18.5	27.7



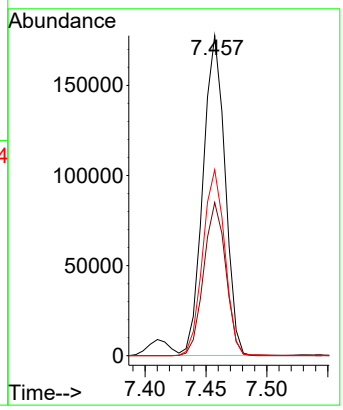


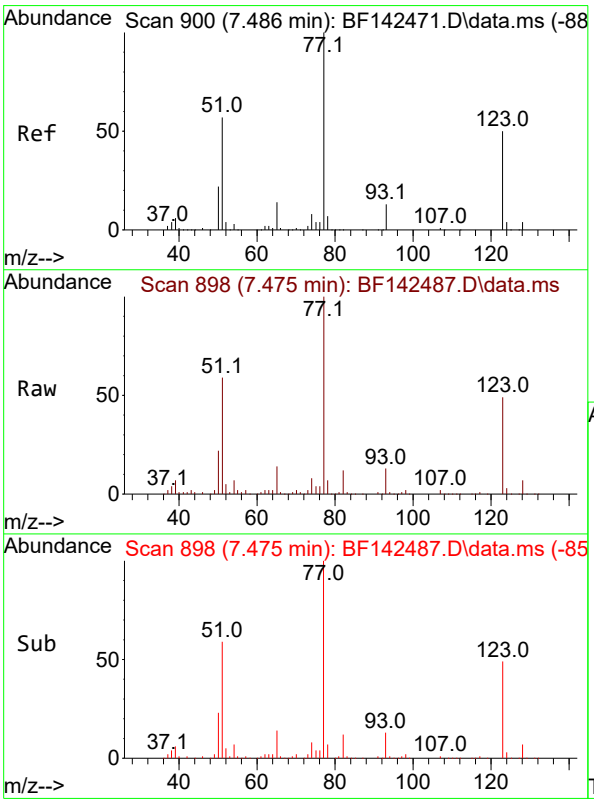
#23
Nitrobenzene-d5
Concen: 60.428 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 82 Resp: 222361

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.4	56.2
54	58.1	46.6	70.0

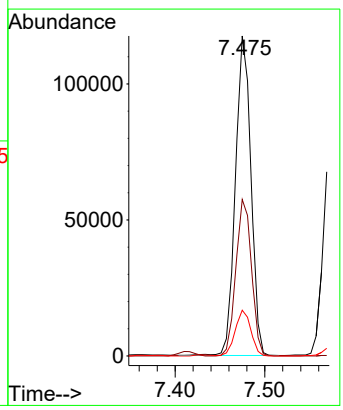


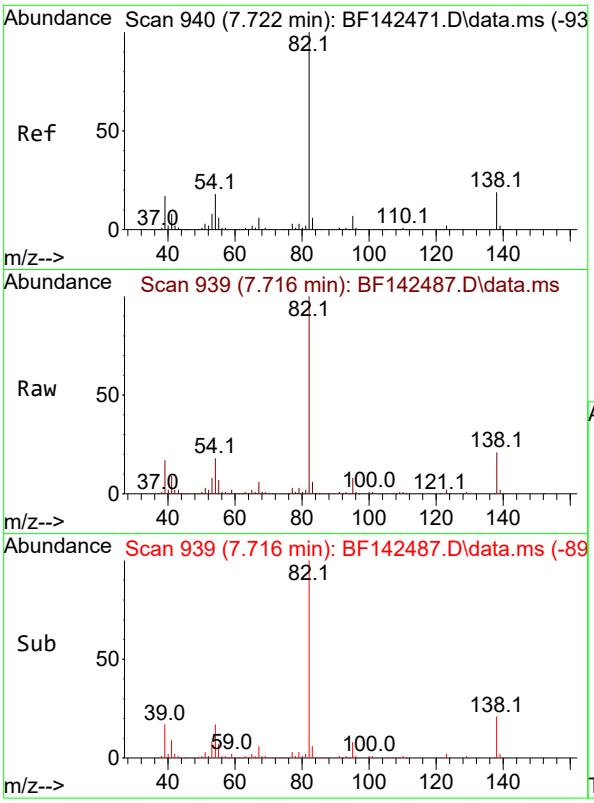


#24
Nitrobenzene
Concen: 42.492 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 77 Resp: 141023

Ion	Ratio	Lower	Upper
77	100		
123	48.9	40.6	61.0
65	14.3	11.4	17.2



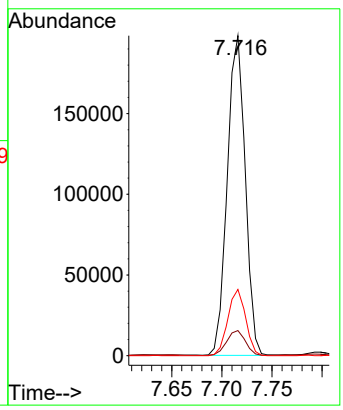


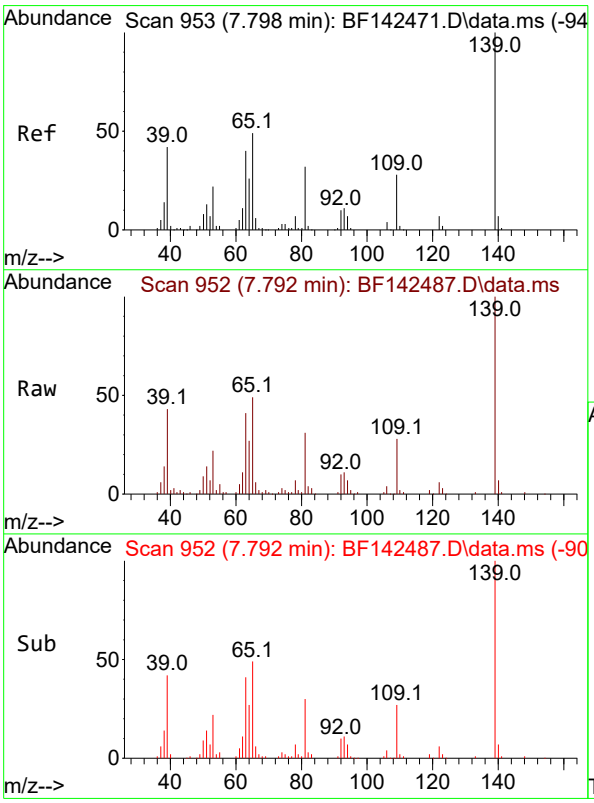
#25
Isophorone
Concen: 40.136 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 82 Resp: 246928

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.0	9.0
138	20.7	15.5	23.3

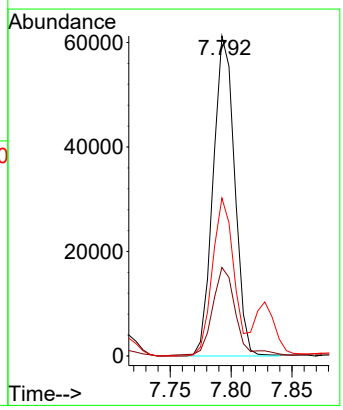


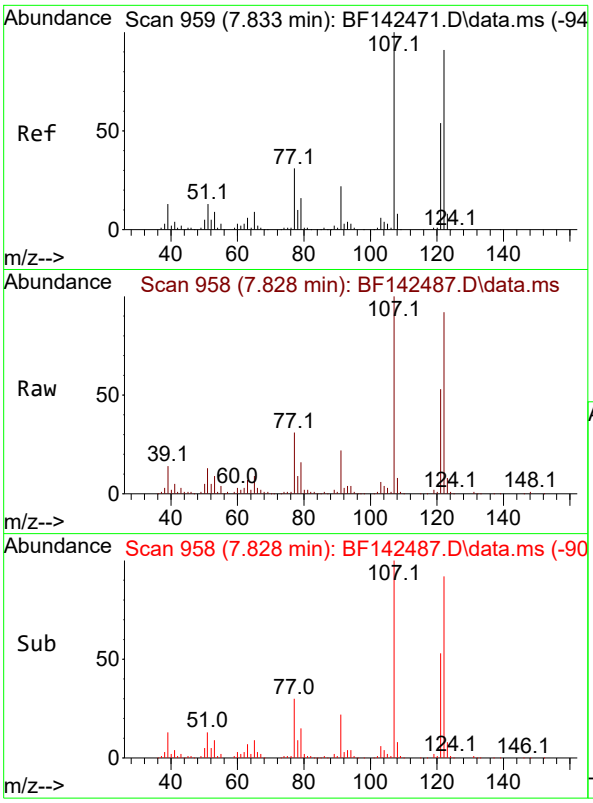


#26
2-Nitrophenol
Concen: 42.480 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:139 Resp: 75333

Ion	Ratio	Lower	Upper
139	100		
109	27.6	22.6	33.8
65	49.4	39.4	59.0



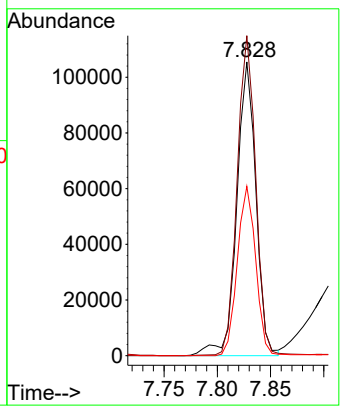


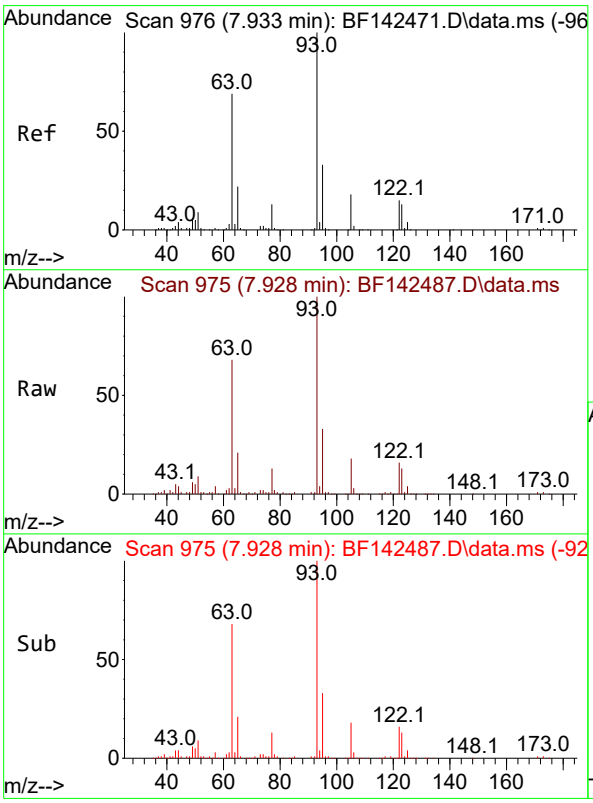
#27
2,4-Dimethylphenol
Concen: 42.346 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:122 Resp: 132431

Ion	Ratio	Lower	Upper
122	100		
107	109.0	88.1	132.1
121	57.6	47.3	70.9

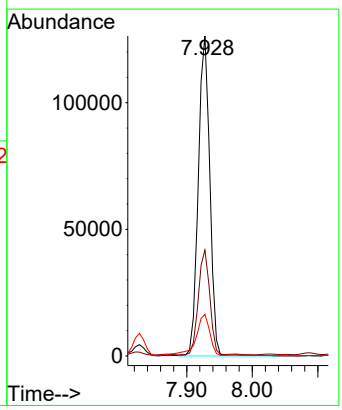


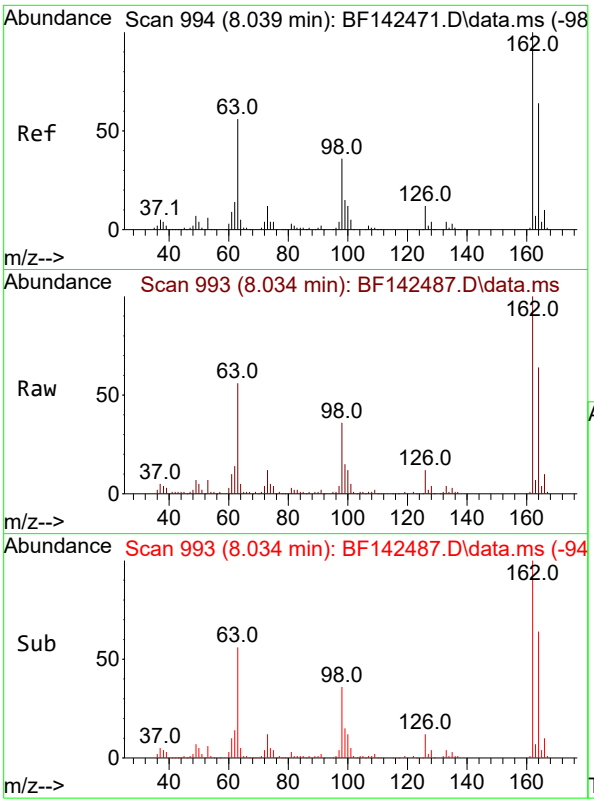


#28
bis(2-Chloroethoxy)methane
Concen: 40.240 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 93 Resp: 154653

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	13.0	10.6	15.8



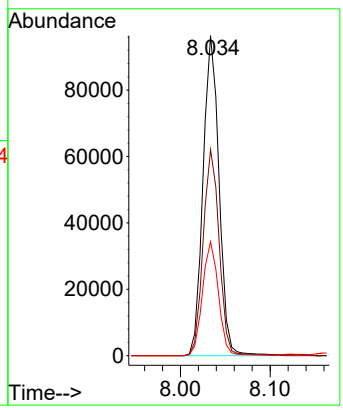


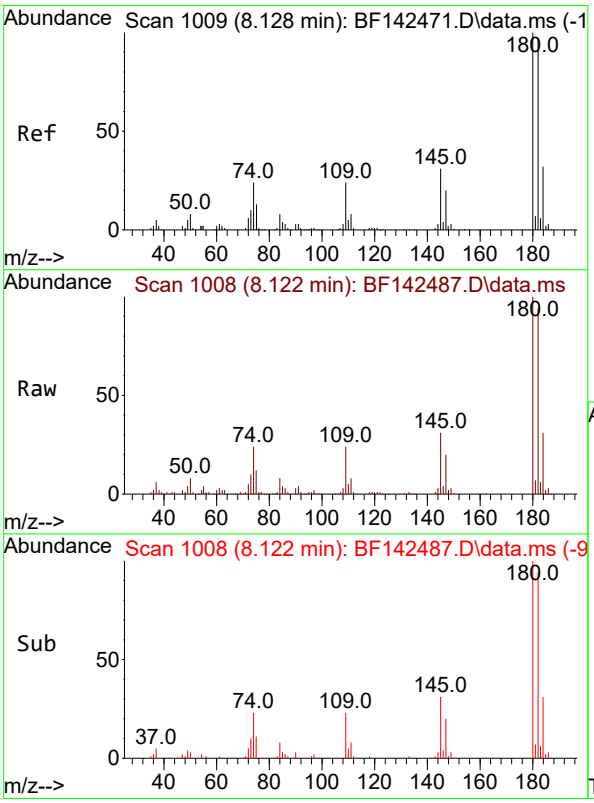
#29
2,4-Dichlorophenol
Concen: 42.087 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:162 Resp: 119698

Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.7	83.7
98	35.6	15.5	55.5

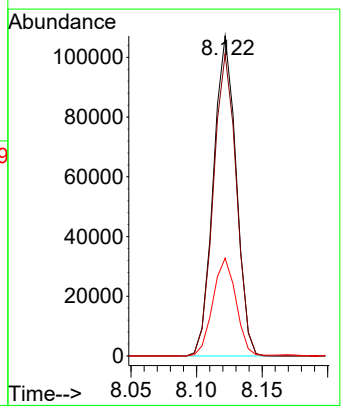


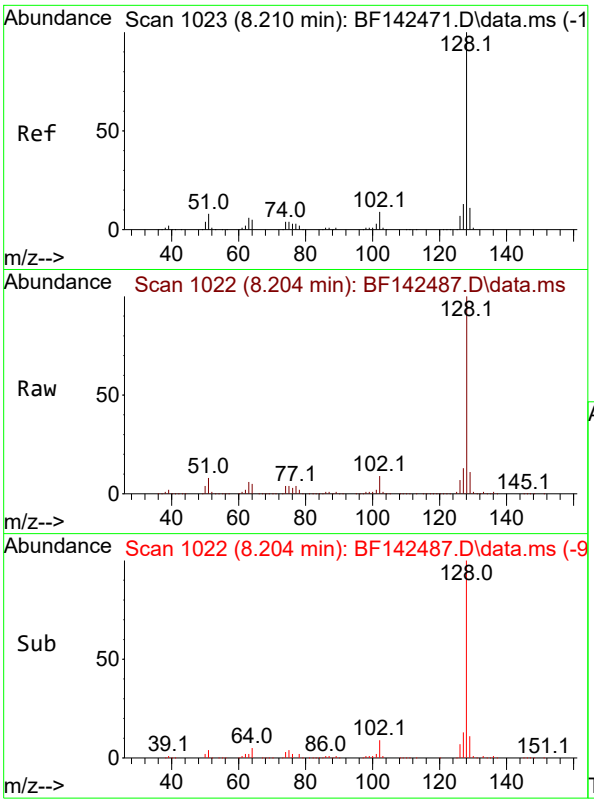


#30
1,2,4-Trichlorobenzene
Concen: 41.750 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:180 Resp: 128865

Ion	Ratio	Lower	Upper
180	100		
182	94.3	78.0	117.0
145	30.6	25.0	37.6



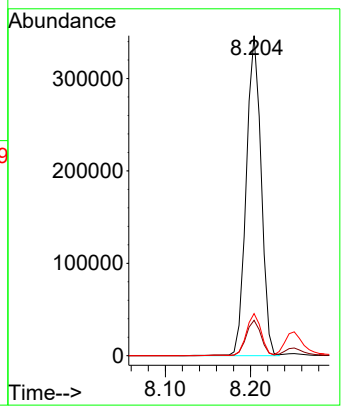


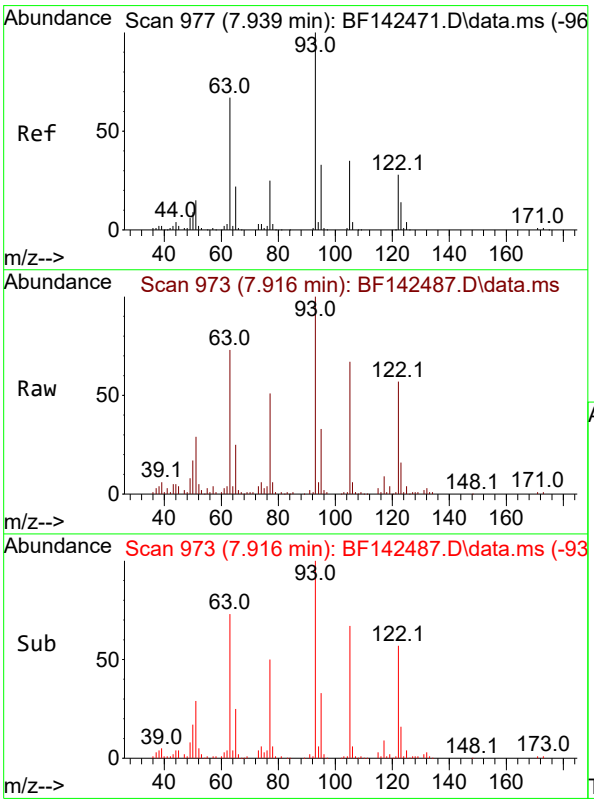
#31
Naphthalene
Concen: 42.437 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:128 Resp: 419286

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.5	15.7

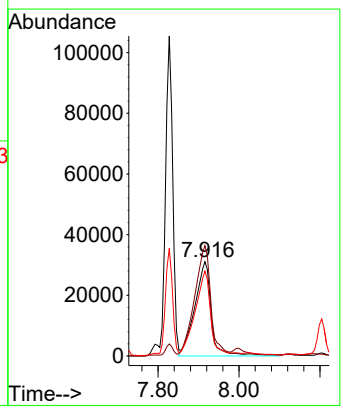


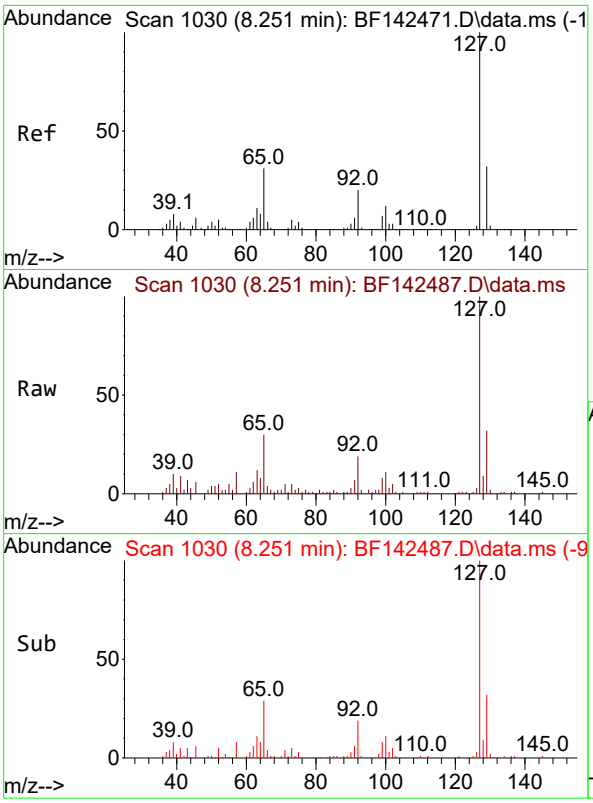


#32
Benzoic acid
Concen: 46.448 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.059 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:122 Resp: 88423

Ion	Ratio	Lower	Upper
122	100		
105	117.2	101.7	141.7
77	90.0	69.5	109.5



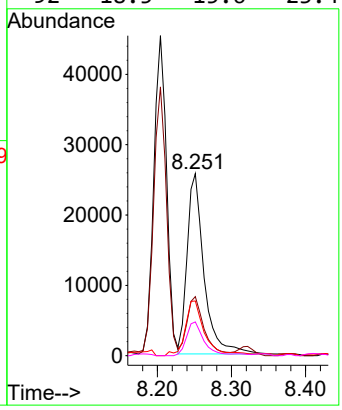


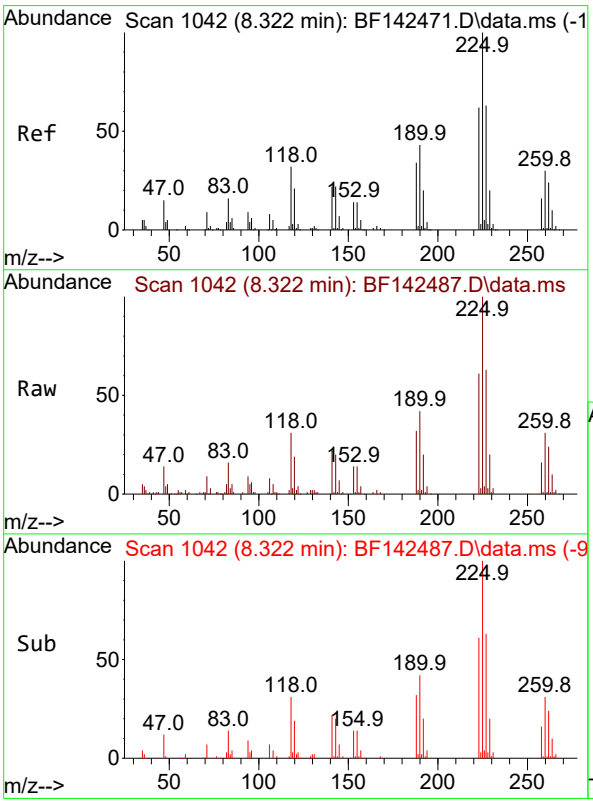
#33
4-Chloroaniline
Concen: 10.183 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:127 Resp: 40768

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	30.1	24.9	37.3
92	18.5	15.6	23.4

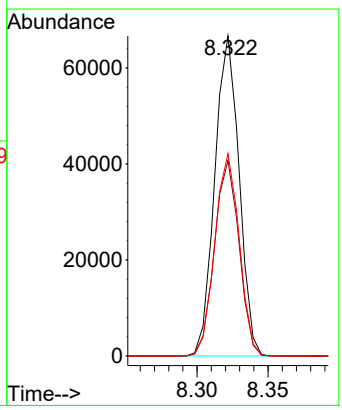


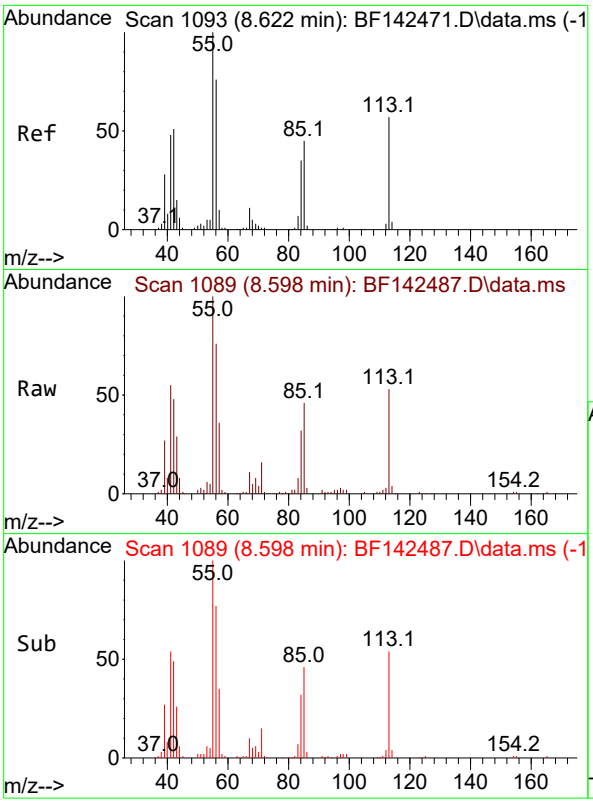


#34
Hexachlorobutadiene
Concen: 41.136 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:225 Resp: 79280

Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	63.2	50.3	75.5



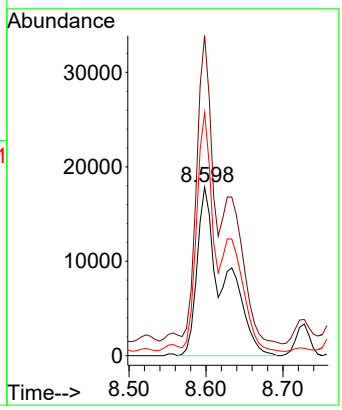


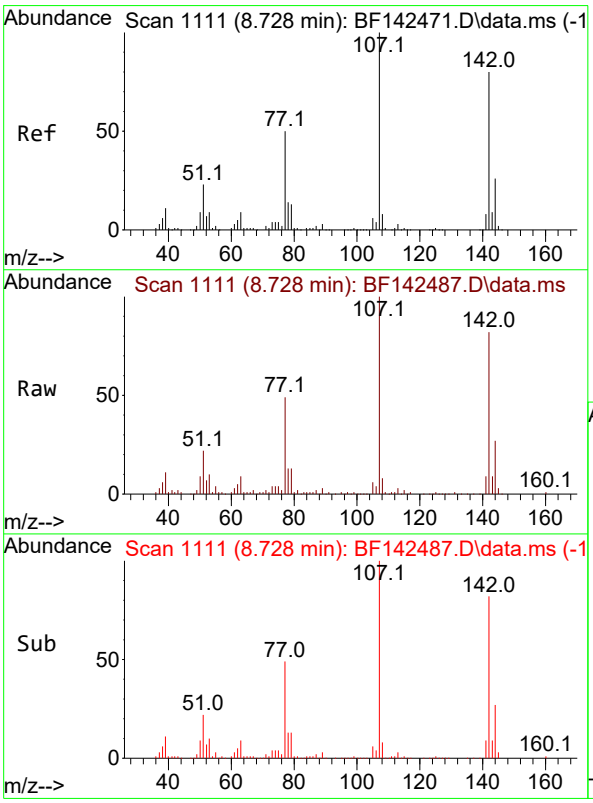
#35
Caprolactam
Concen: 54.613 ng m
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:113 Resp: 43624

Ion	Ratio	Lower	Upper
113	100		
55	190.0	154.7	194.7
56	144.4	113.2	153.2

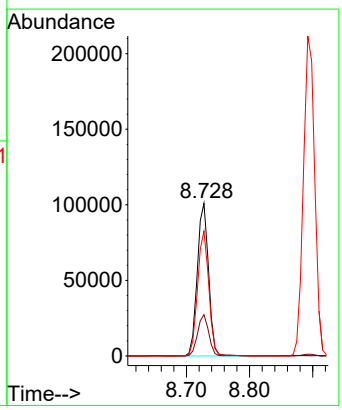


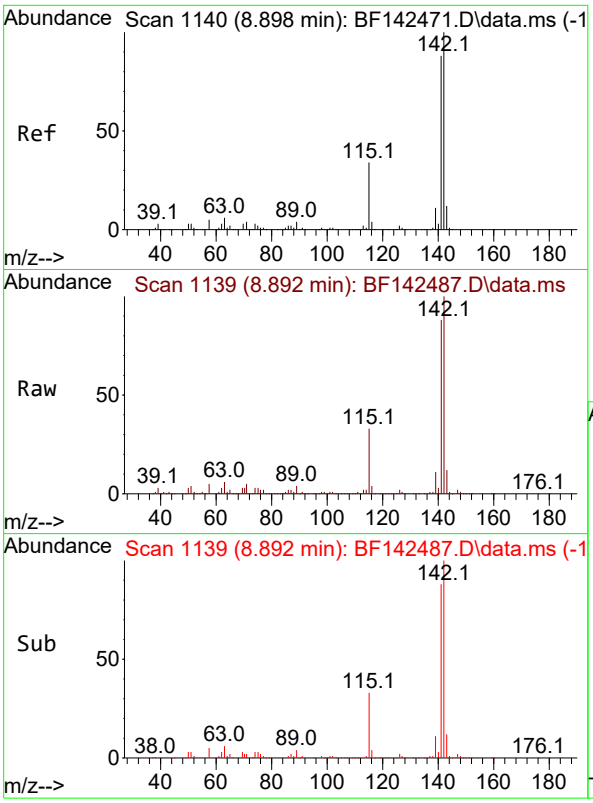


#36
4-Chloro-3-methylphenol
Concen: 43.206 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:107 Resp: 125934

Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.9	31.3
142	81.8	64.2	96.2



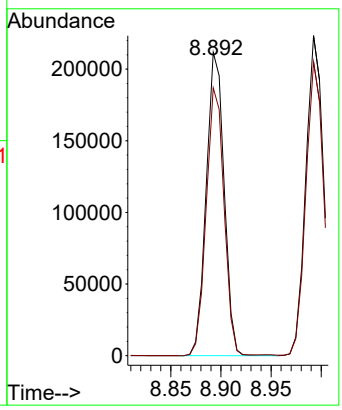


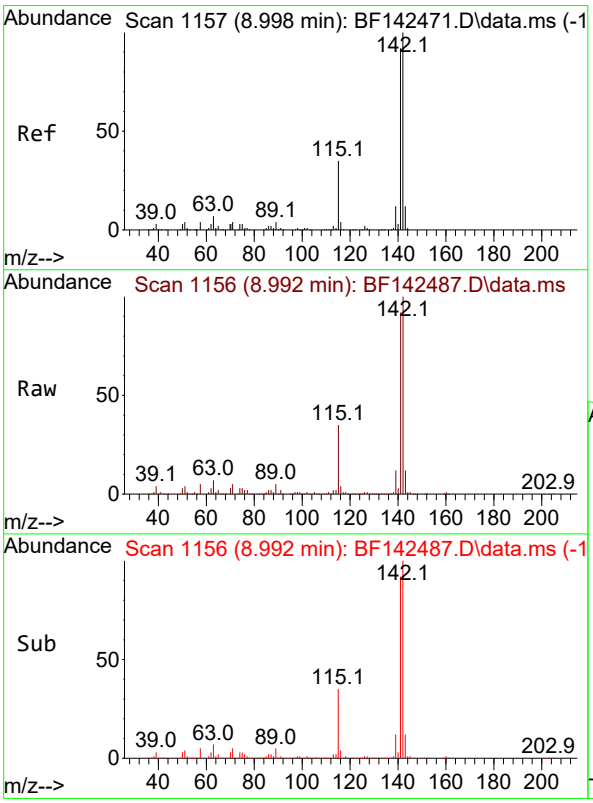
#37
2-Methylnaphthalene
Concen: 42.270 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:142 Resp: 262739

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.7	106.1

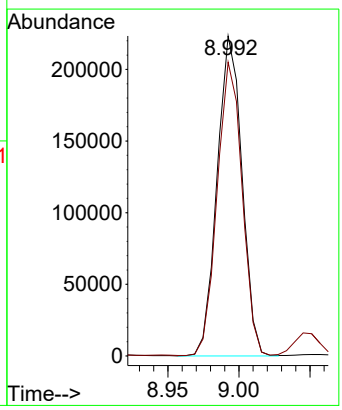


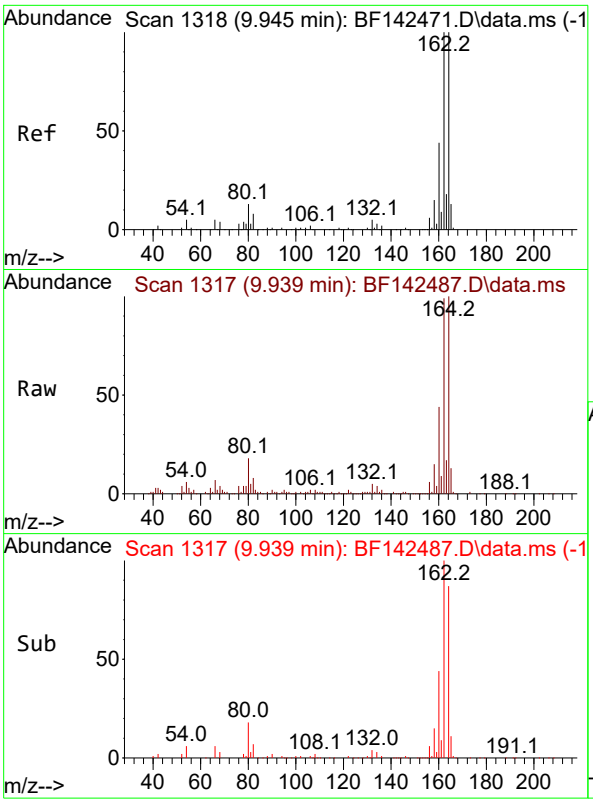


#38
1-Methylnaphthalene
Concen: 42.320 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:142 Resp: 272097

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2



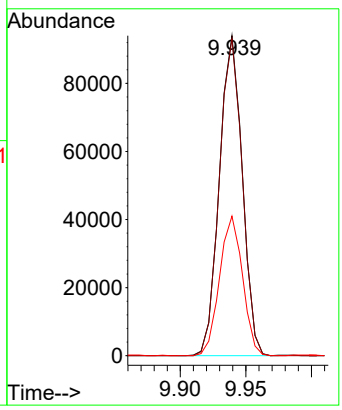


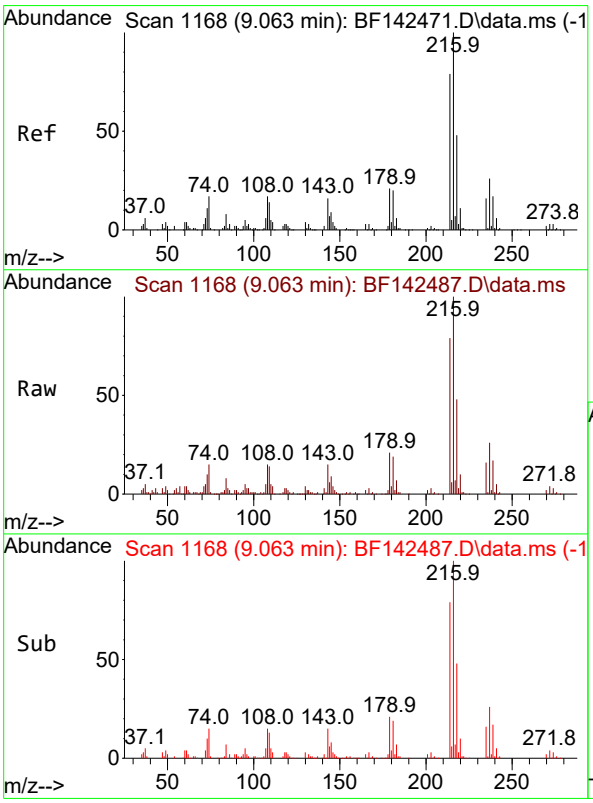
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:164 Resp: 113830

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.4
160	43.6	35.6	53.4

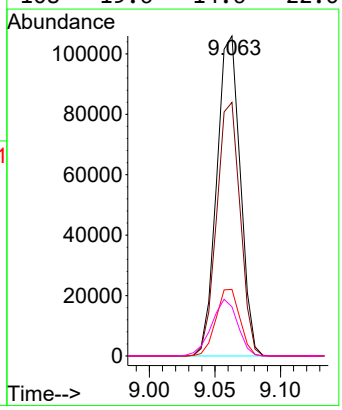


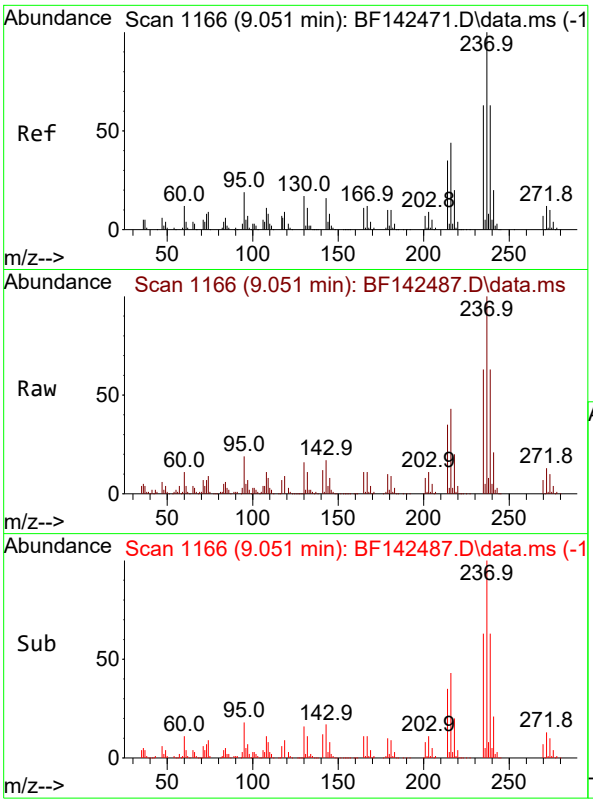


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.437 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:216 Resp: 132130

Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.9	94.3
179	21.2	16.9	25.3
108	19.6	14.6	22.0



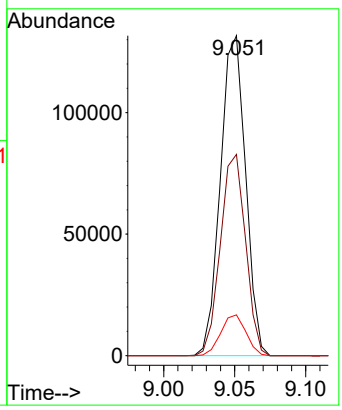


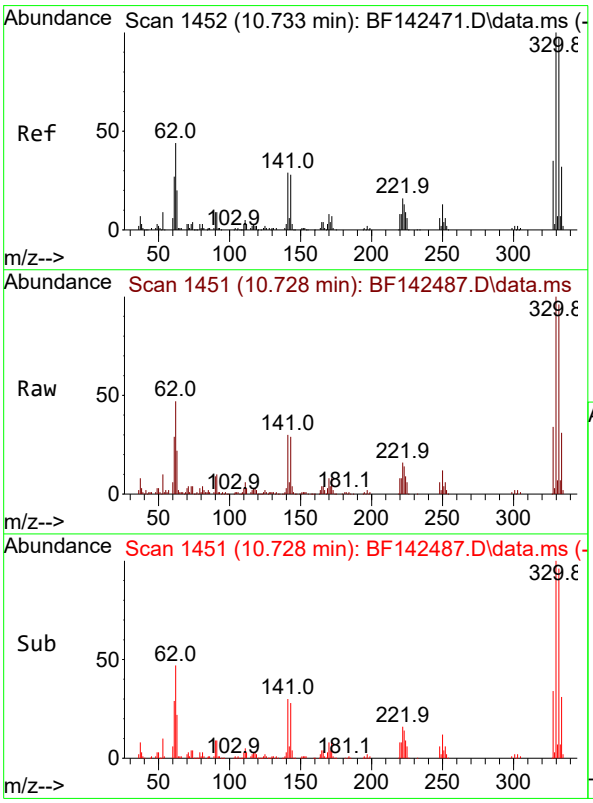
#41
Hexachlorocyclopentadiene
Concen: 73.672 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:237 Resp: 162392

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.3	83.3
272	12.8	0.0	32.4

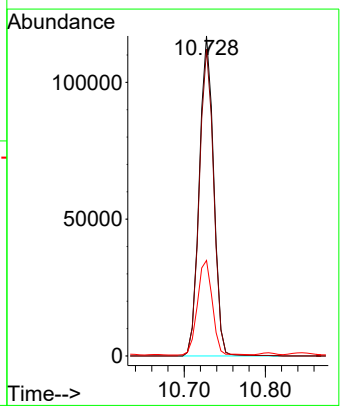


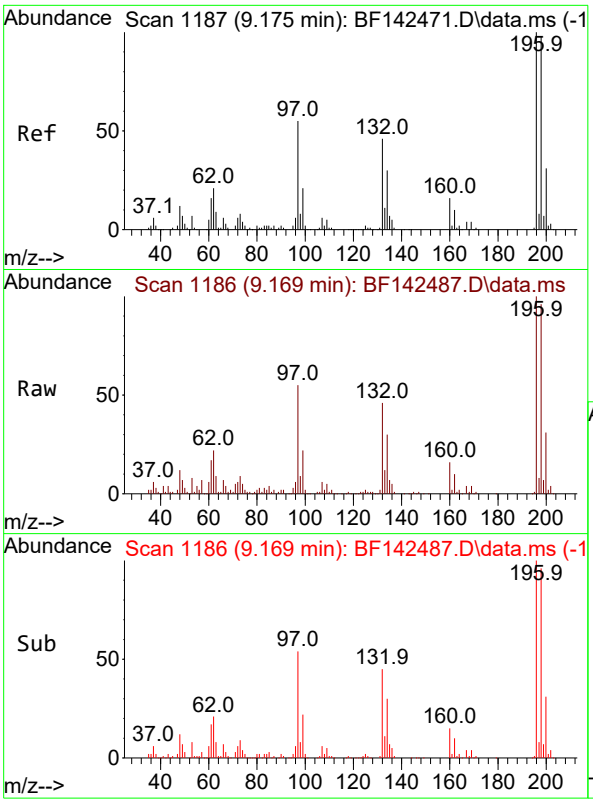


#42
2,4,6-Tribromophenol
Concen: 113.457 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:330 Resp: 143338

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	30.7	24.6	36.8



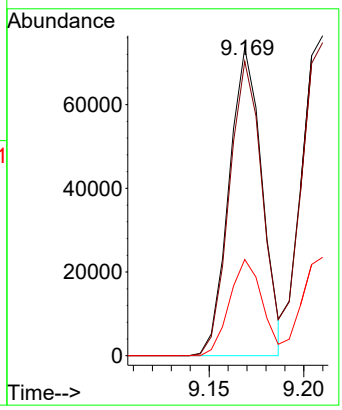


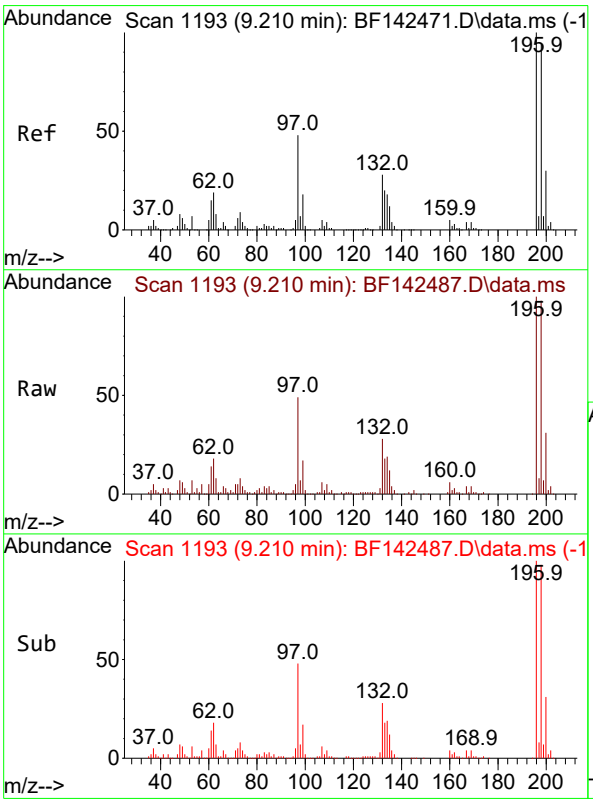
#43
2,4,6-Trichlorophenol
Concen: 40.459 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:196 Resp: 89146

Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.8	118.2
200	31.2	24.9	37.3

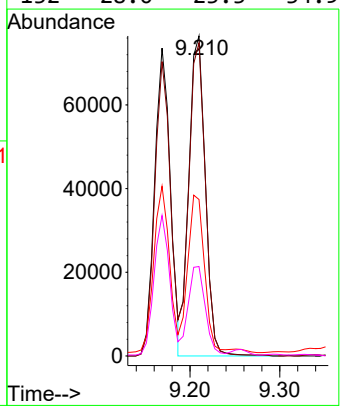


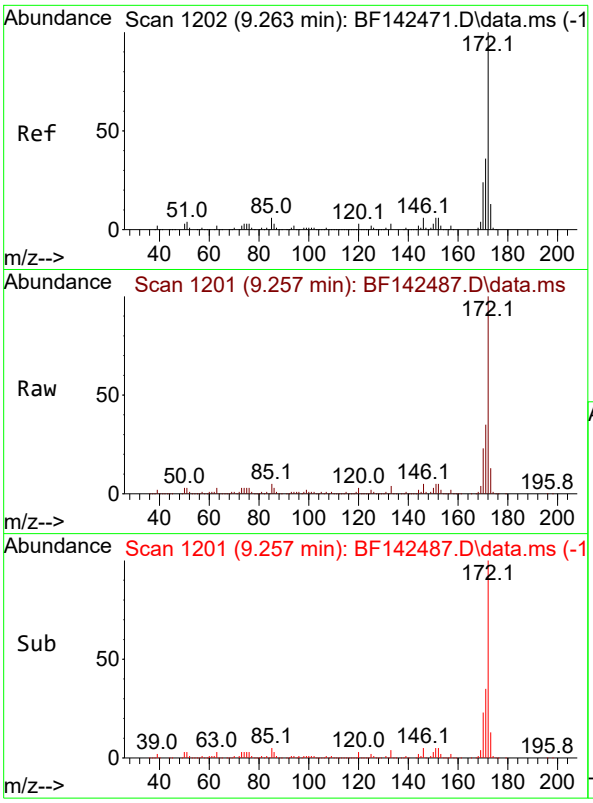


#44
2,4,5-Trichlorophenol
Concen: 41.972 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:196 Resp: 97535

Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.5	113.3
97	48.9	39.3	58.9
132	28.0	23.3	34.9



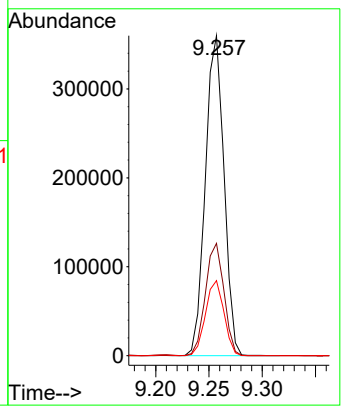


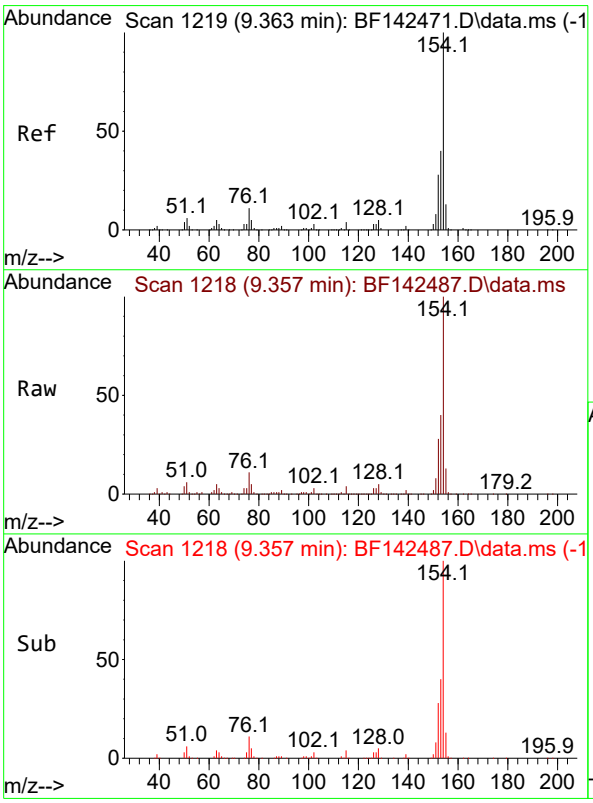
#45
2-Fluorobiphenyl
Concen: 51.603 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:172 Resp: 437751

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.4	18.9	28.3

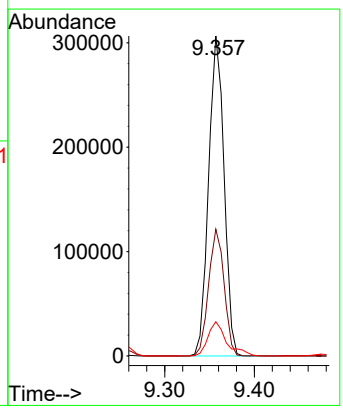


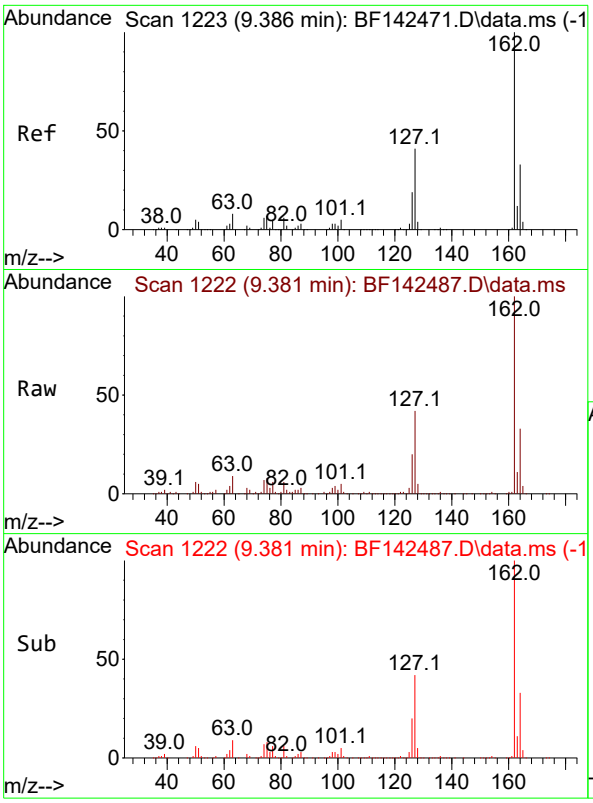


#46
1,1'-Biphenyl
Concen: 41.450 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:154 Resp: 366054

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.4	60.4
76	10.7	0.0	30.8



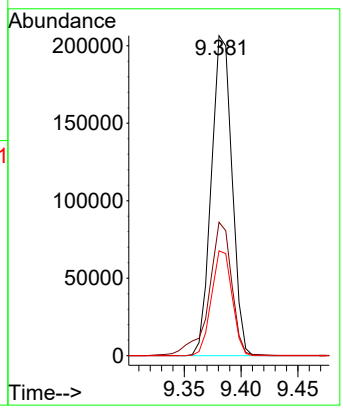


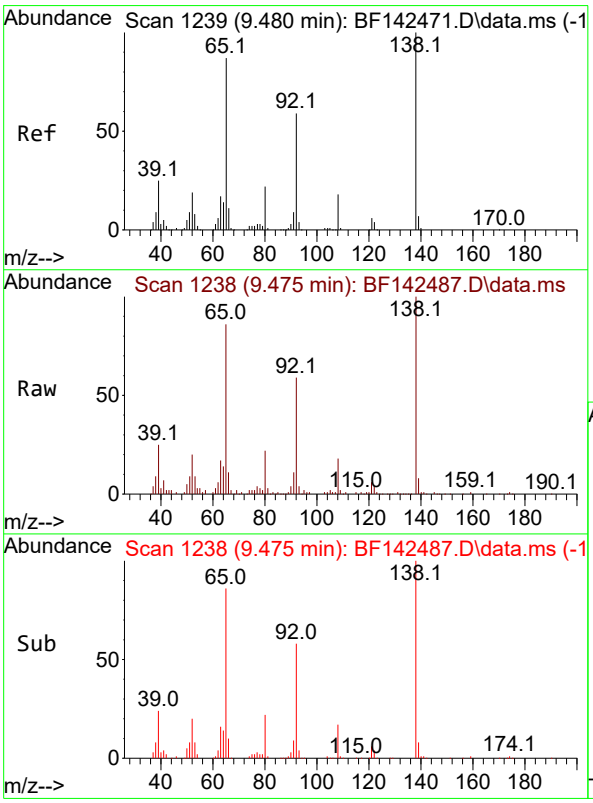
#47
2-Chloronaphthalene
Concen: 40.135 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:162 Resp: 261870

Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.5	50.3
164	32.8	26.1	39.1

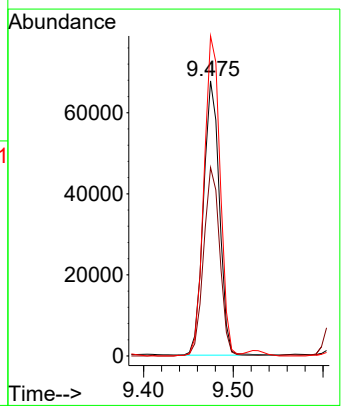


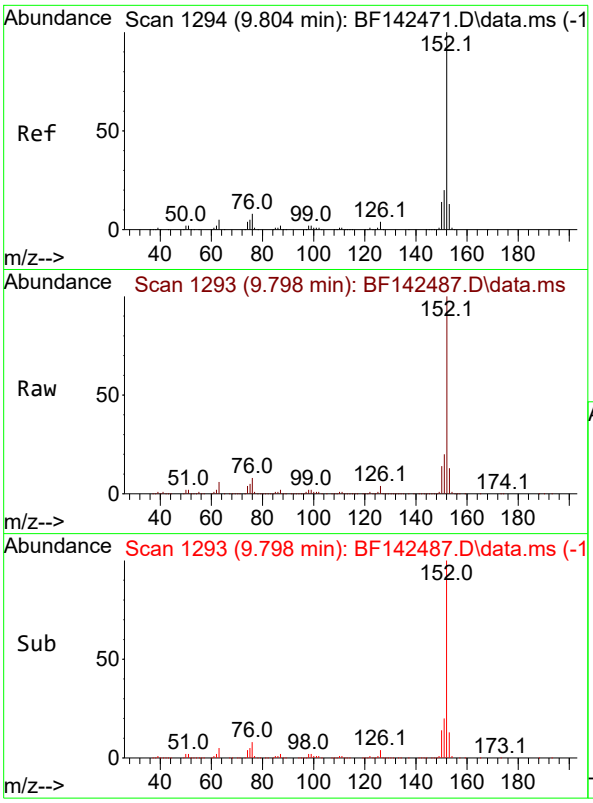


#48
2-Nitroaniline
Concen: 44.275 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion: 65 Resp: 83501

Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.4	81.6
138	116.3	91.4	137.2



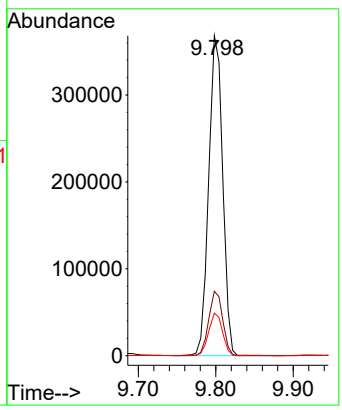


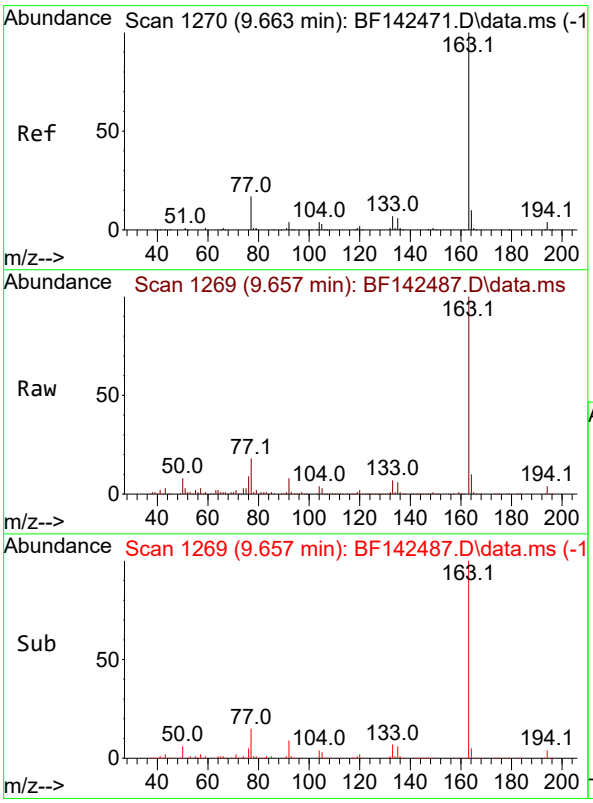
#49
Acenaphthylene
Concen: 41.929 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:152 Resp: 461954

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	13.3	10.6	15.8

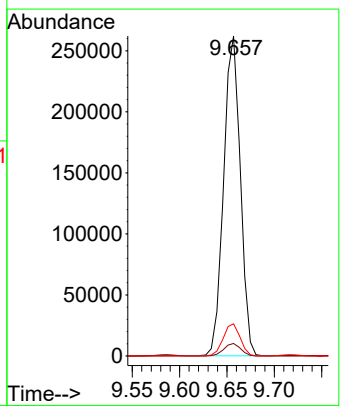


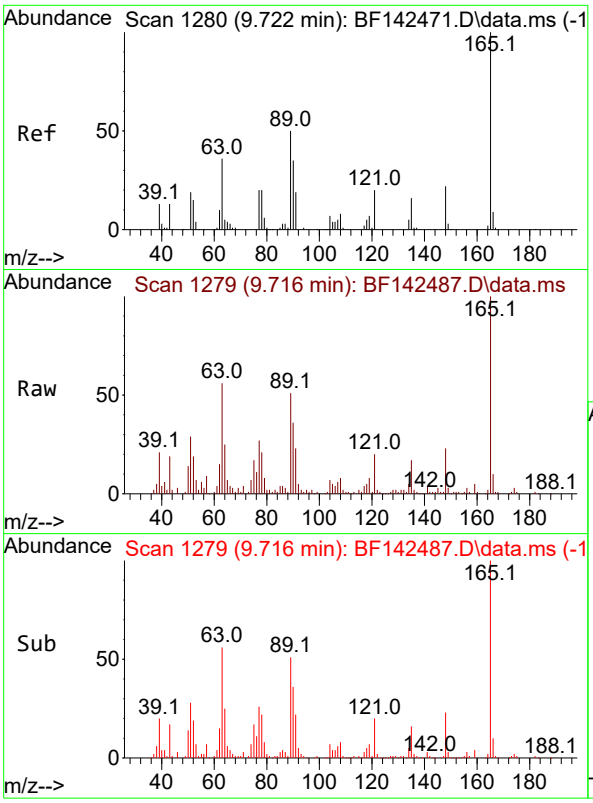


#50
Dimethylphthalate
Concen: 42.833 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:163 Resp: 321711

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.1	8.2	12.4



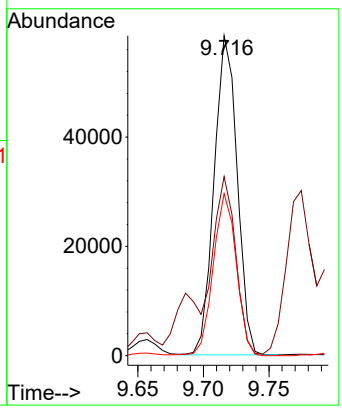


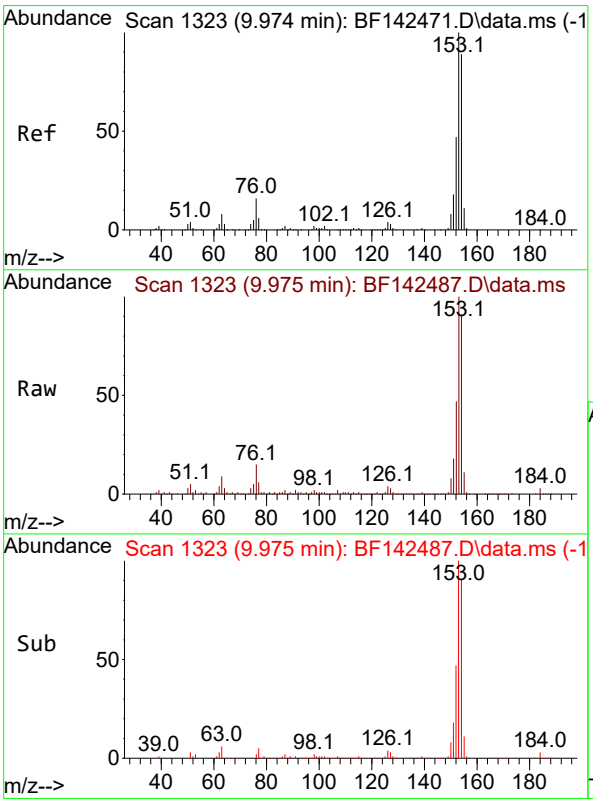
#51
2,6-Dinitrotoluene
Concen: 43.893 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:165 Resp: 71155

Ion	Ratio	Lower	Upper
165	100		
63	56.0	42.9	64.3
89	50.7	40.2	60.4

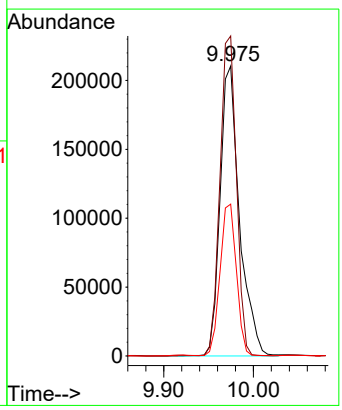


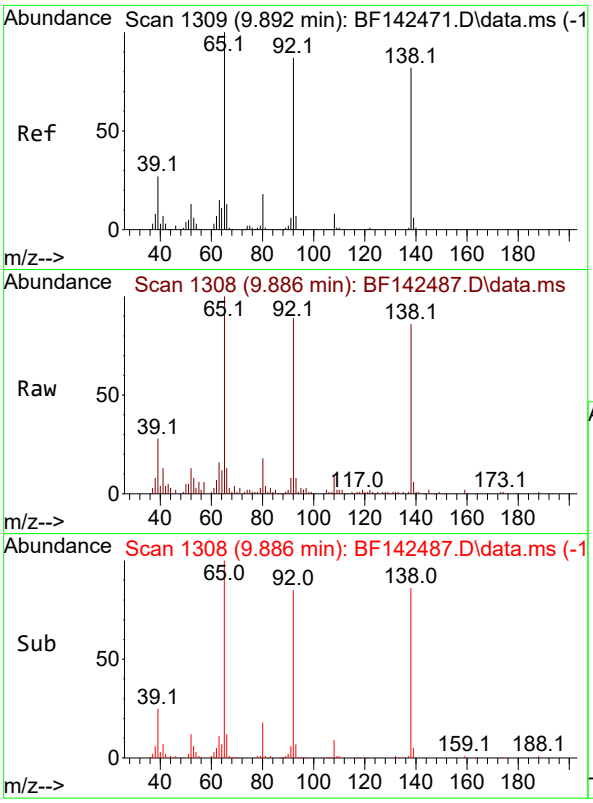


#52
Acenaphthene
Concen: 47.057 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:154 Resp: 316584

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.0	135.0
152	52.4	42.6	64.0



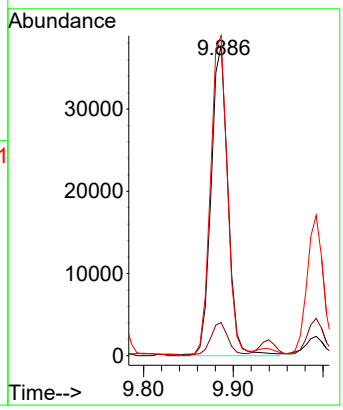


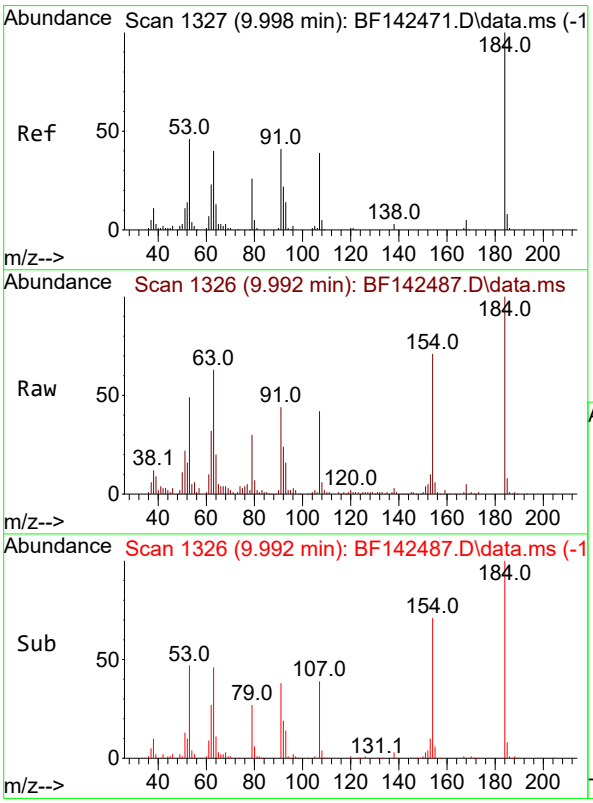
#53
3-Nitroaniline
Concen: 27.800 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:138 Resp: 49223

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.1	12.1
92	103.2	85.2	127.8

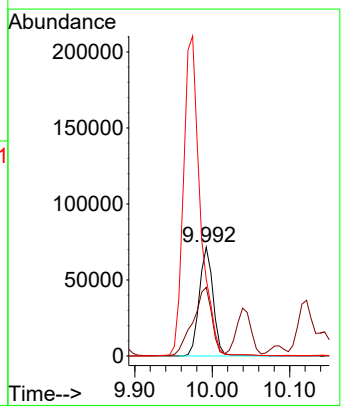


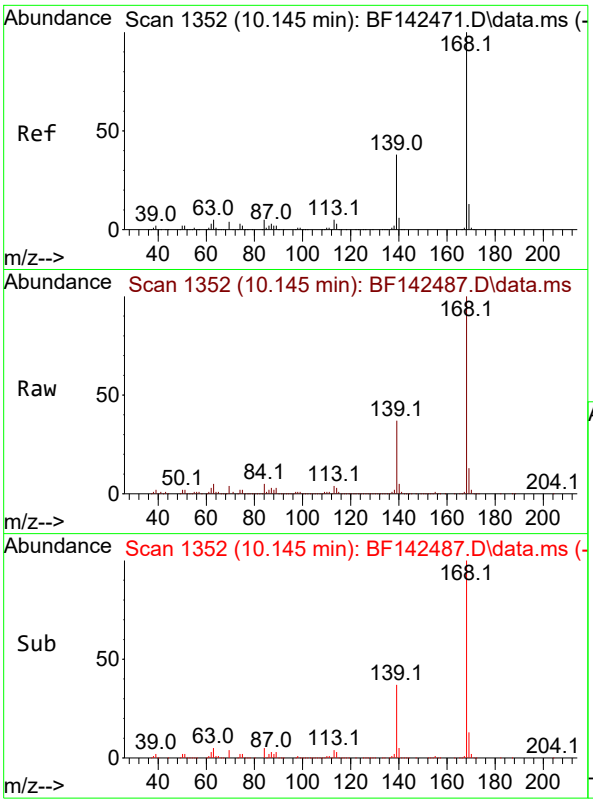


#54
2,4-Dinitrophenol
Concen: 106.777 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:184 Resp: 89427

Ion	Ratio	Lower	Upper
184	100		
63	63.1	46.3	69.5
154	70.5	56.8	85.2



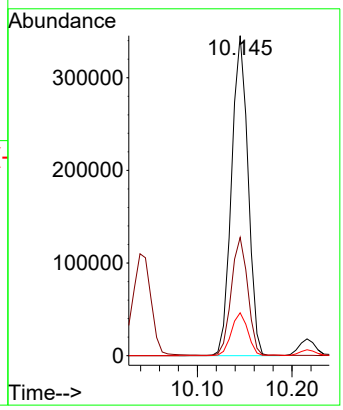


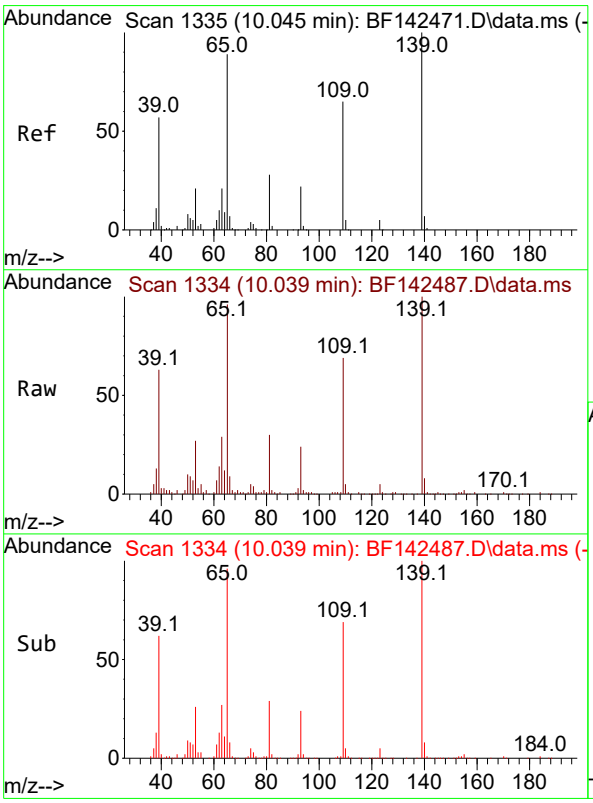
#55
Dibenzofuran
Concen: 43.085 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:168 Resp: 417111

Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.2	45.2
169	13.4	10.7	16.1

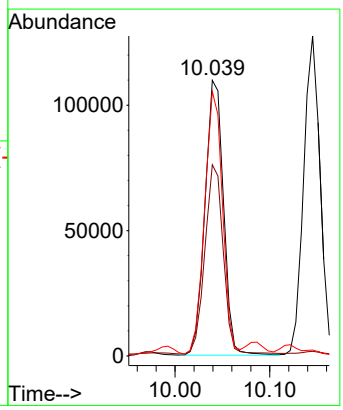


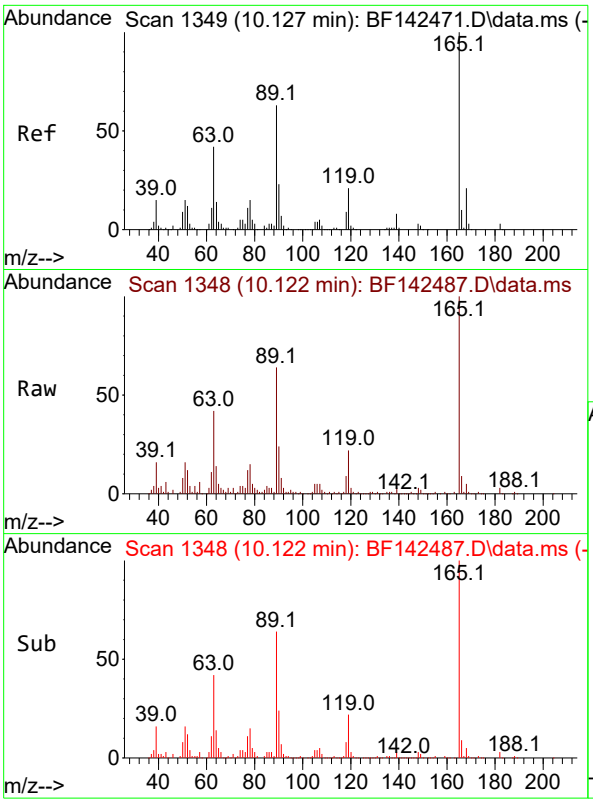


#56
4-Nitrophenol
Concen: 113.533 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:139 Resp: 148325

Ion	Ratio	Lower	Upper
139	100		
109	69.3	45.1	85.1
65	95.9	69.7	109.7



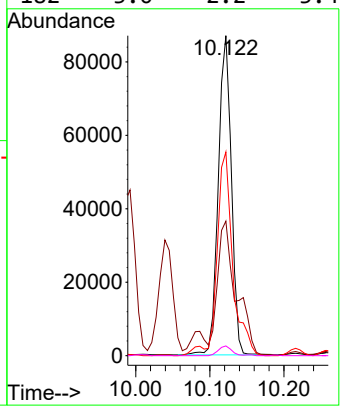


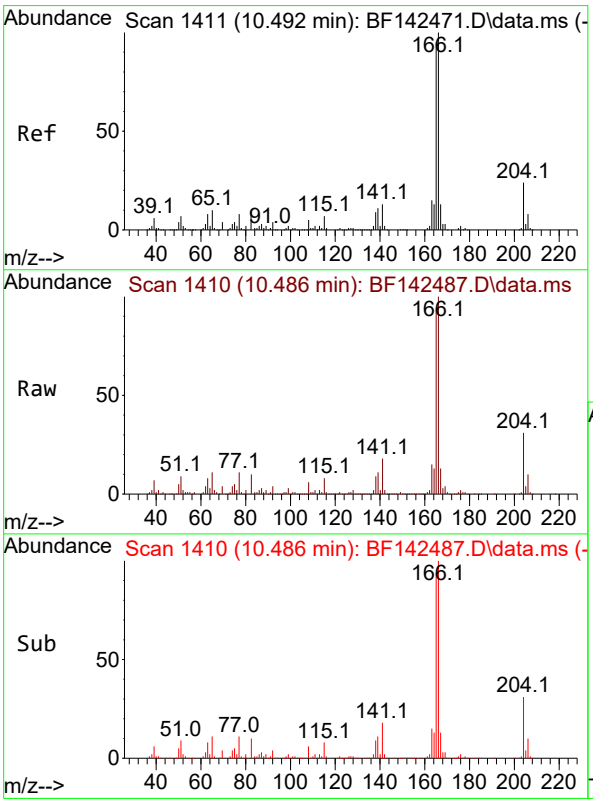
#57
2,4-Dinitrotoluene
Concen: 50.288 ng
RT: 10.122 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:165 Resp: 106463

Ion	Ratio	Lower	Upper
165	100		
63	42.1	33.6	50.4
89	63.7	50.2	75.4
182	3.0	2.2	3.4

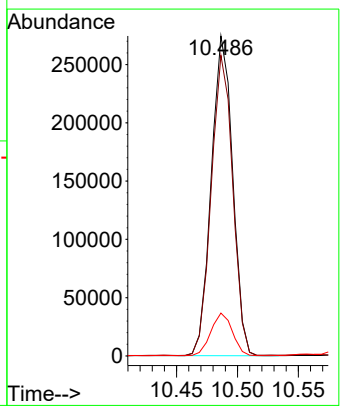


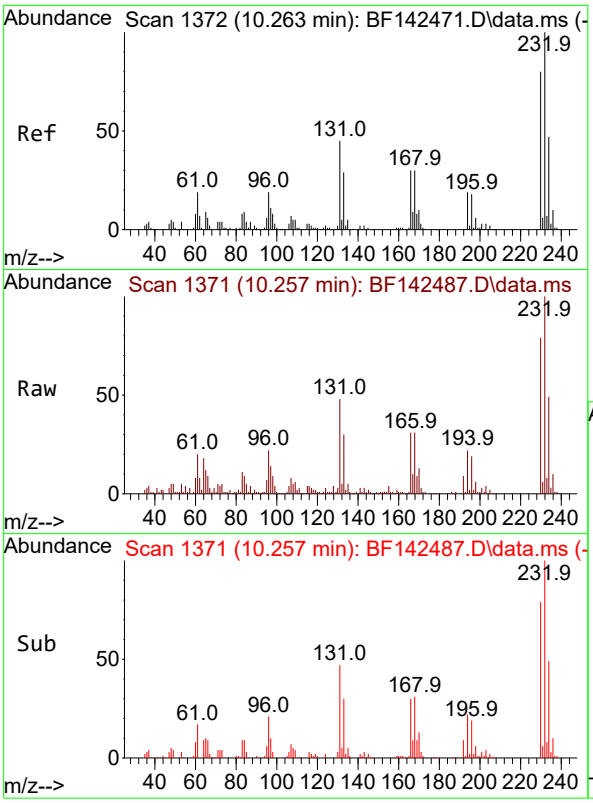


#58
Fluorene
Concen: 44.754 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:166 Resp: 334722

Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.8	113.8
167	13.4	10.6	16.0



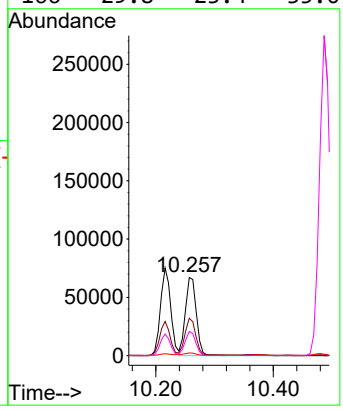


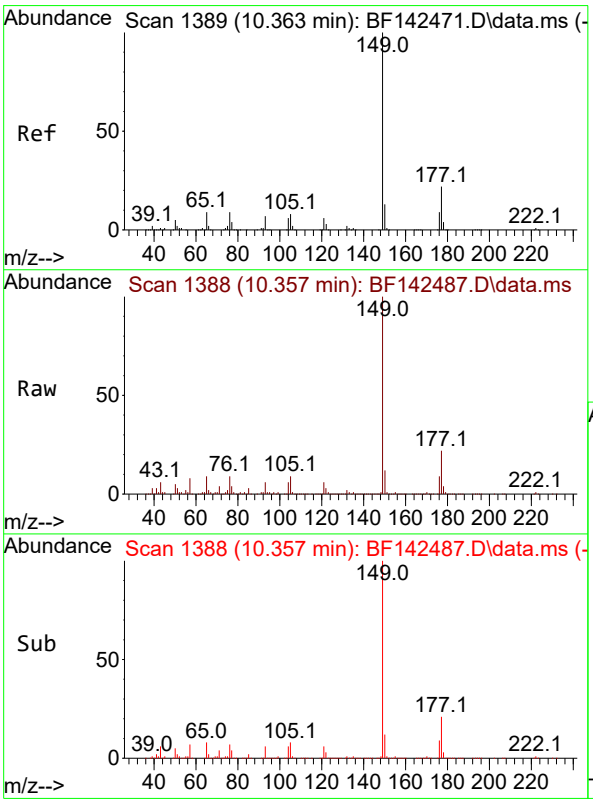
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.129 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:232 Resp: 87547

Ion	Ratio	Lower	Upper
232	100		
131	44.4	35.2	52.8
130	4.2	1.7	2.5#
166	29.8	23.4	35.0

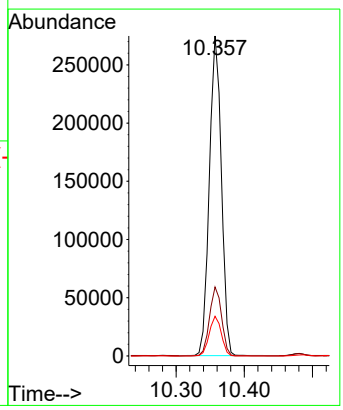


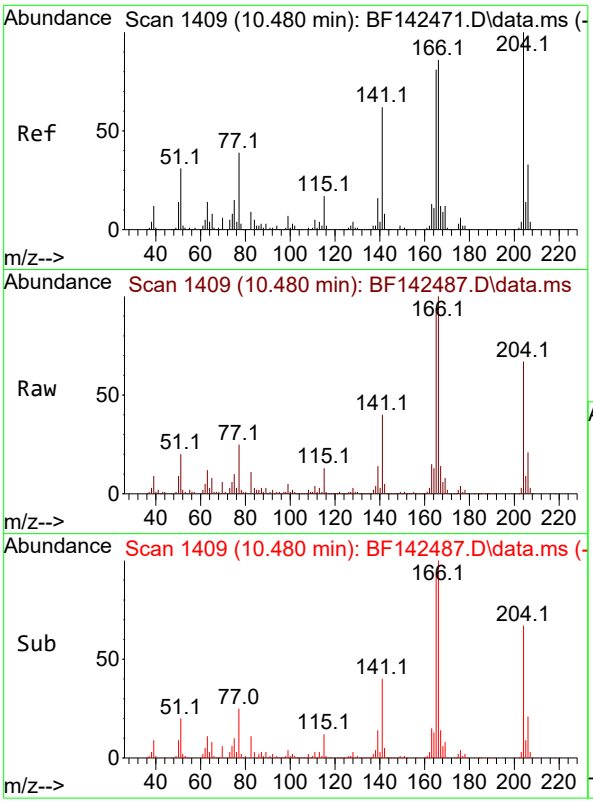


#60
Diethylphthalate
Concen: 45.904 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 336727

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.6	26.4
150	12.4	10.1	15.1



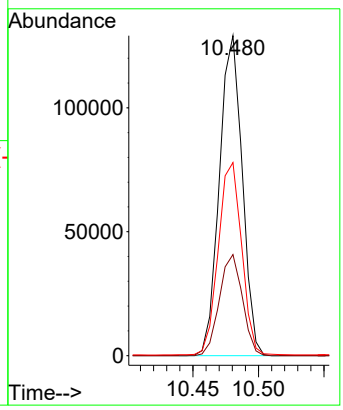


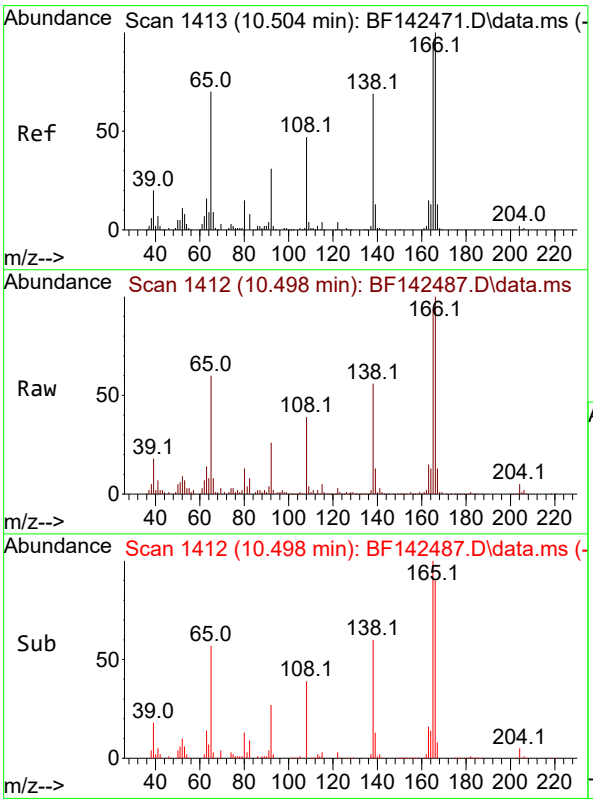
#61
4-Chlorophenyl-phenylether
Concen: 42.465 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:204 Resp: 156021

Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.3	39.5
141	60.3	49.5	74.3

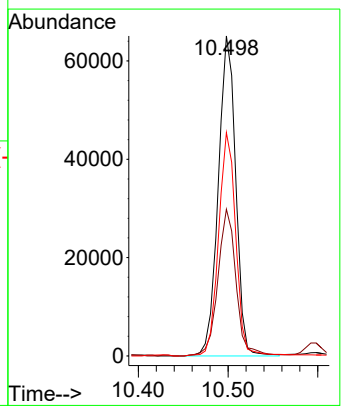


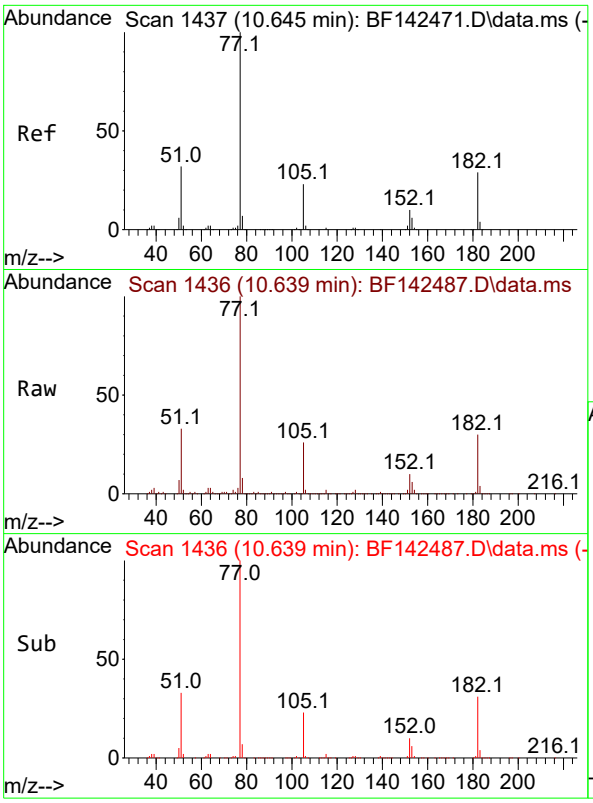


#62
4-Nitroaniline
Concen: 54.834 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:138 Resp: 88055

Ion	Ratio	Lower	Upper
138	100		
92	45.9	26.0	66.0
108	69.8	48.4	88.4



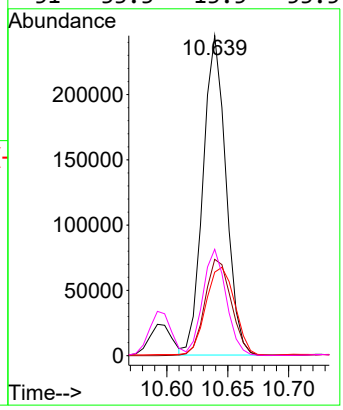


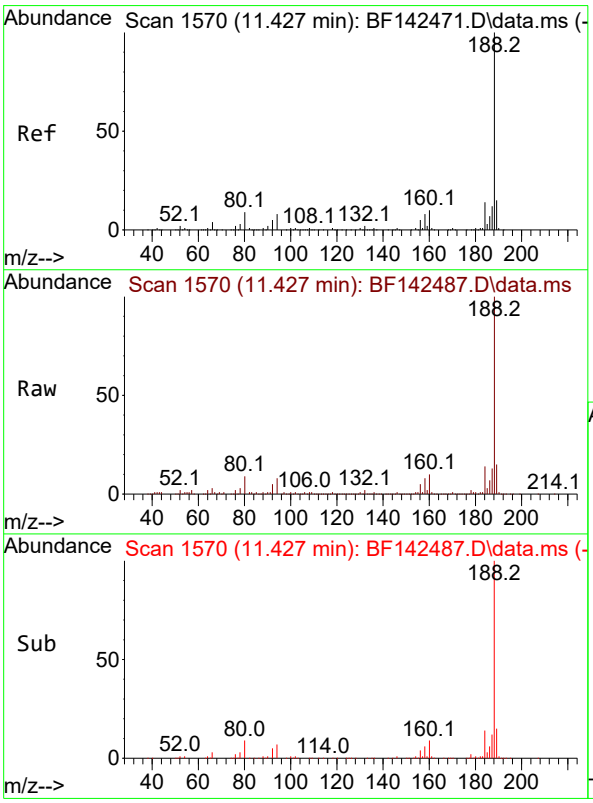
#63
Azobenzene
Concen: 48.728 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion: 77 Resp: 321047

Ion	Ratio	Lower	Upper
77	100		
182	30.1	9.0	49.0
105	26.1	2.4	42.4
51	33.3	13.5	53.5

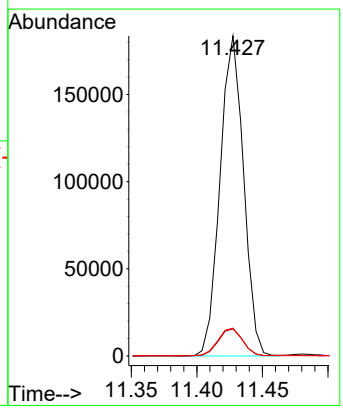


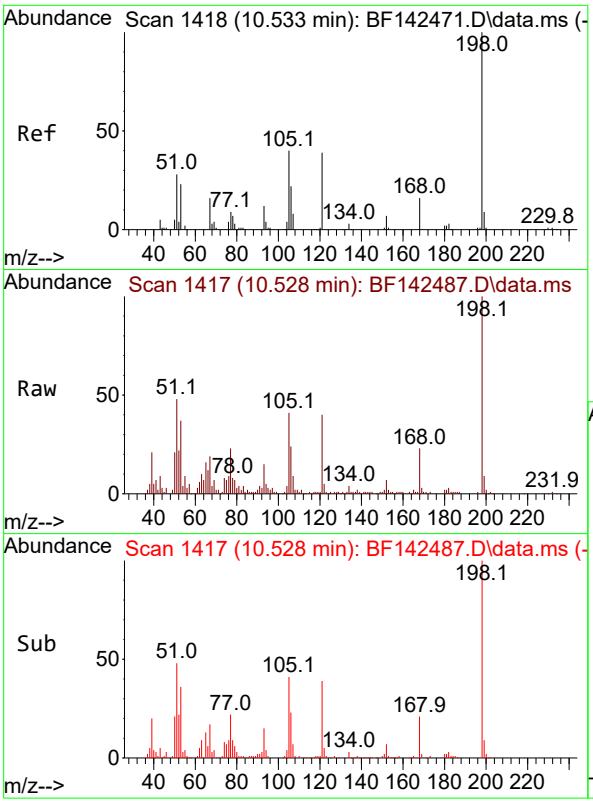


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:188 Resp: 229012

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	8.7	7.4	11.0



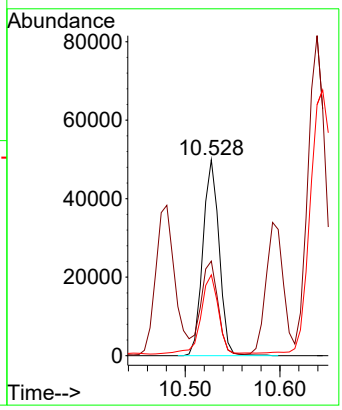


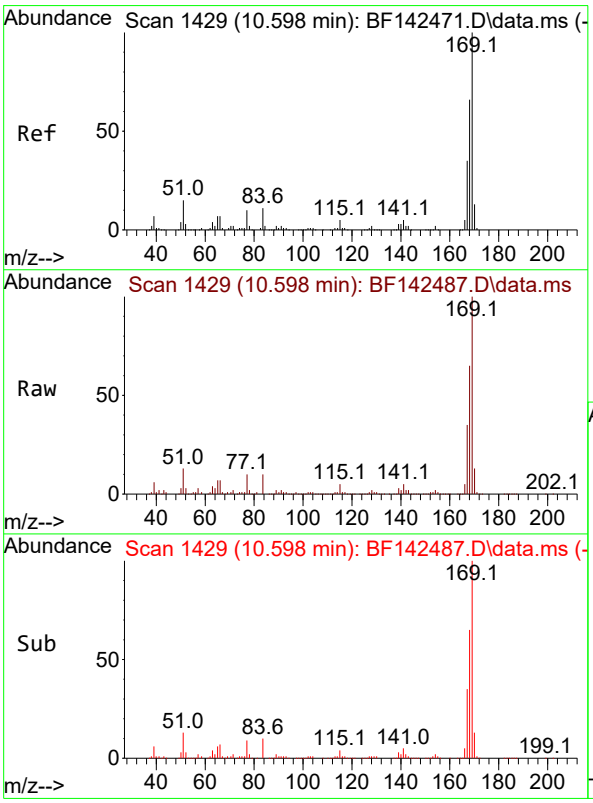
#65
4,6-Dinitro-2-methylphenol
Concen: 46.629 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:198 Resp: 59594

Ion	Ratio	Lower	Upper
198	100		
51	48.3	28.3	68.3
105	41.3	21.3	61.3

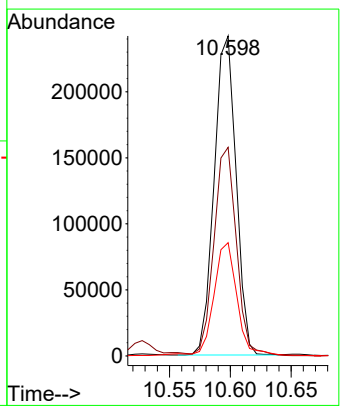


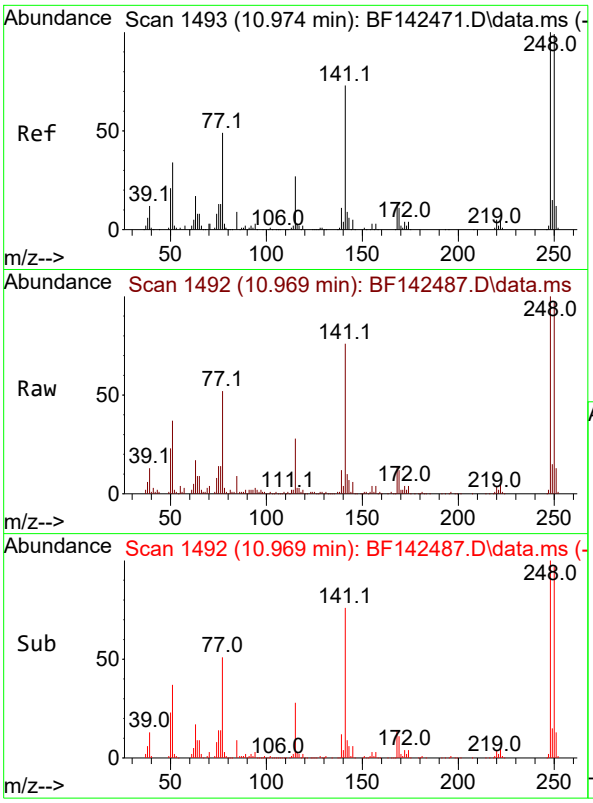


#66
n-Nitrosodiphenylamine
Concen: 38.627 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:169 Resp: 302640

Ion	Ratio	Lower	Upper
169	100		
168	65.2	52.7	79.1
167	35.4	28.3	42.5



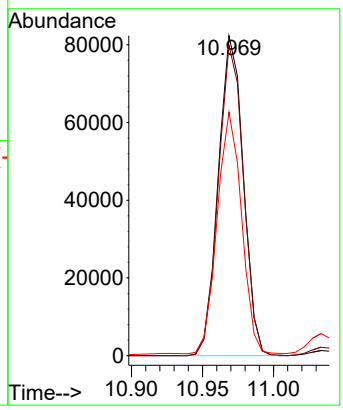


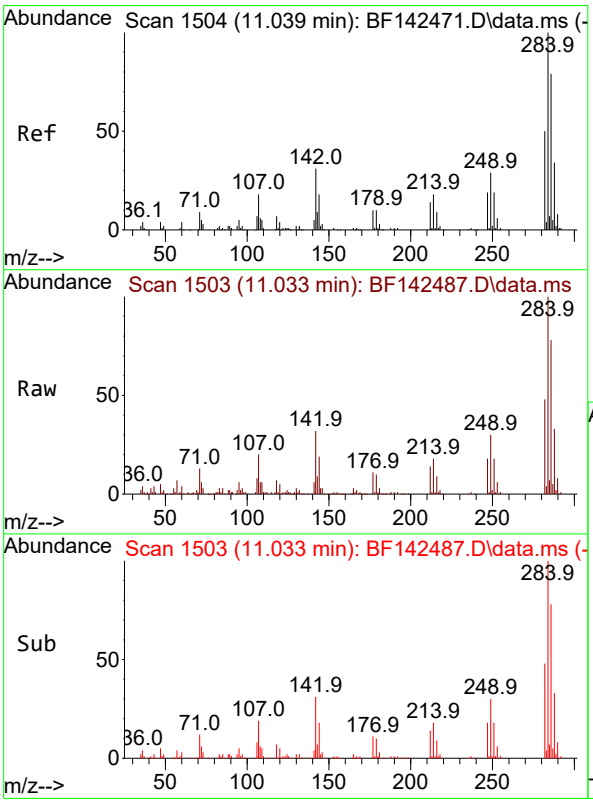
#67
4-Bromophenyl-phenylether
Concen: 37.246 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:248 Resp: 100859

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.0	118.4
141	76.2	58.4	87.6

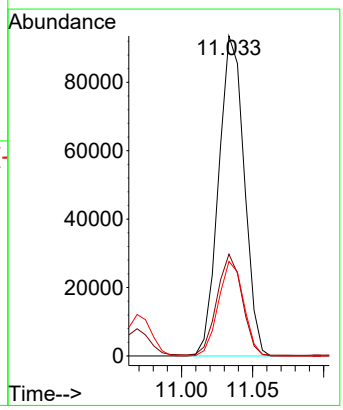


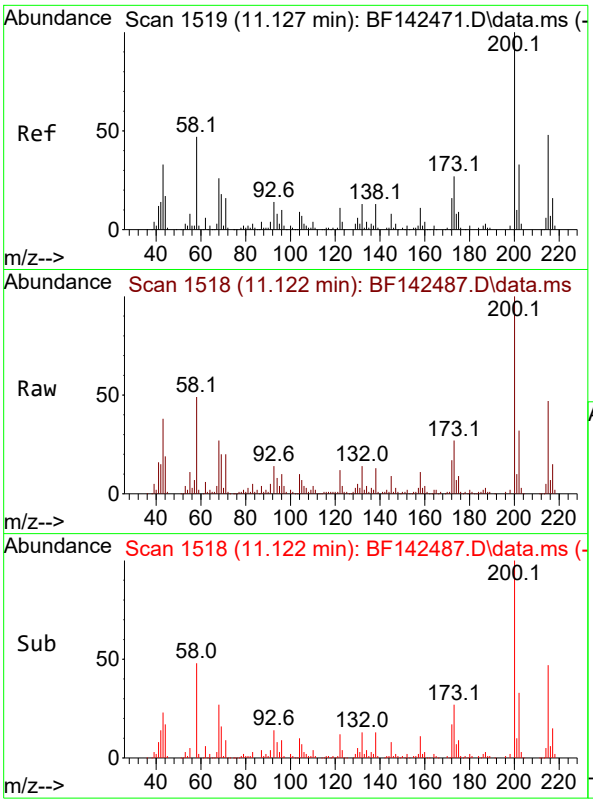


#68
Hexachlorobenzene
Concen: 39.031 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:284 Resp: 116897

Ion	Ratio	Lower	Upper
284	100		
142	31.8	24.8	37.2
249	29.5	23.6	35.4



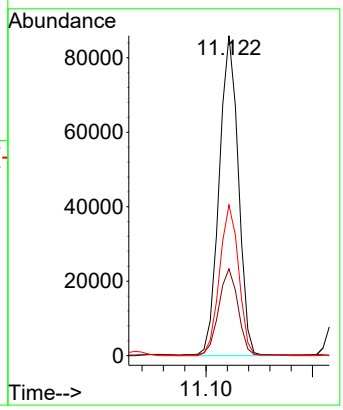


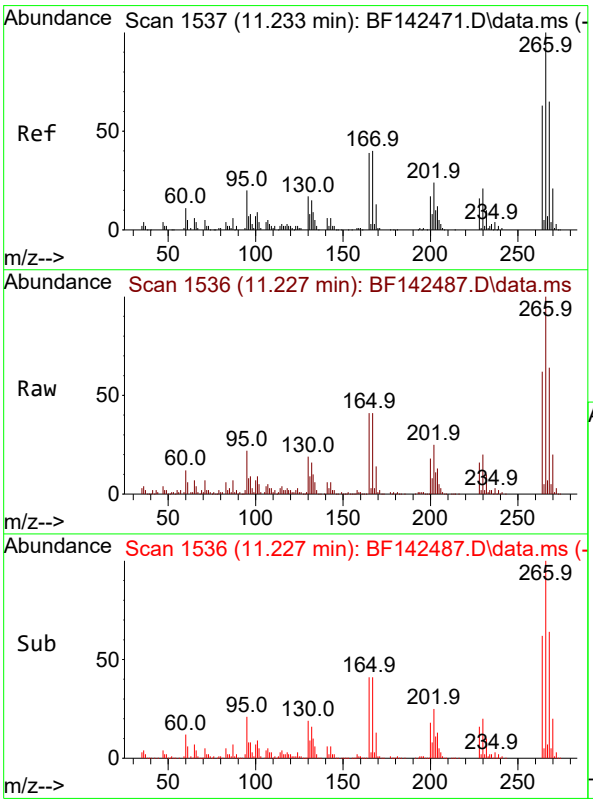
#69
Atrazine
Concen: 51.521 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:200 Resp: 107203

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.4	47.4
215	47.1	28.5	68.5

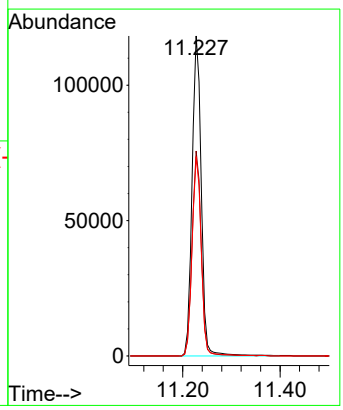


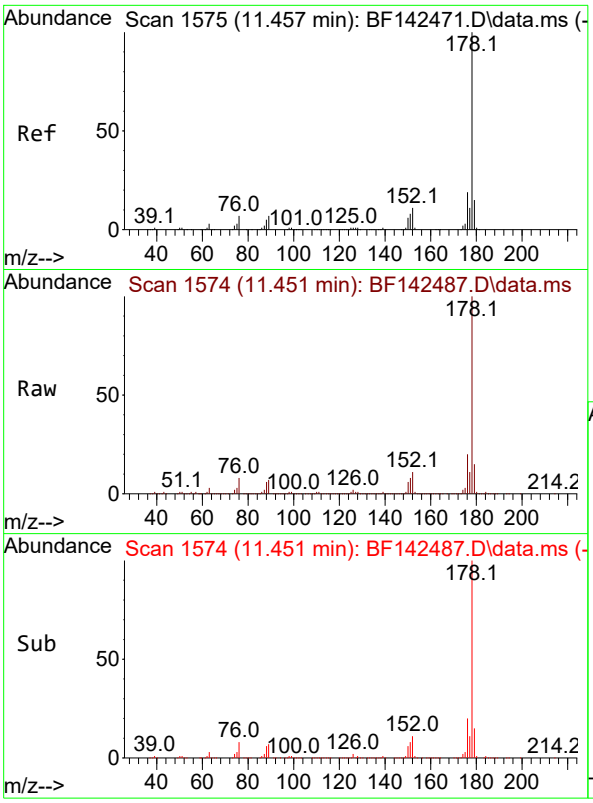


#70
Pentachlorophenol
Concen: 91.410 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:266 Resp: 154568

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.7	77.5
264	62.3	50.4	75.6



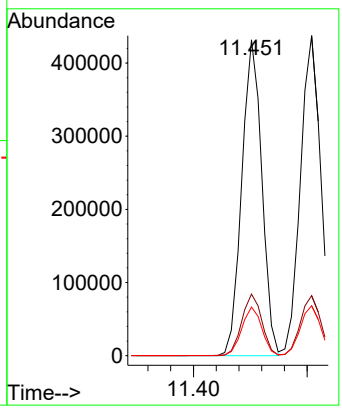


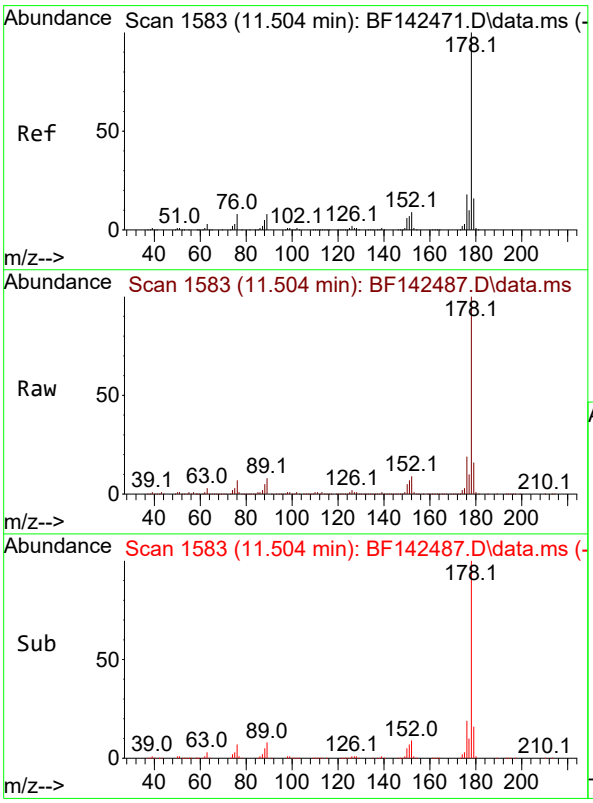
#71
Phenanthrene
Concen: 43.208 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:178 Resp: 528821

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.4	12.3	18.5

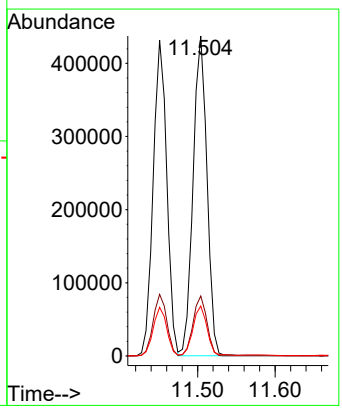


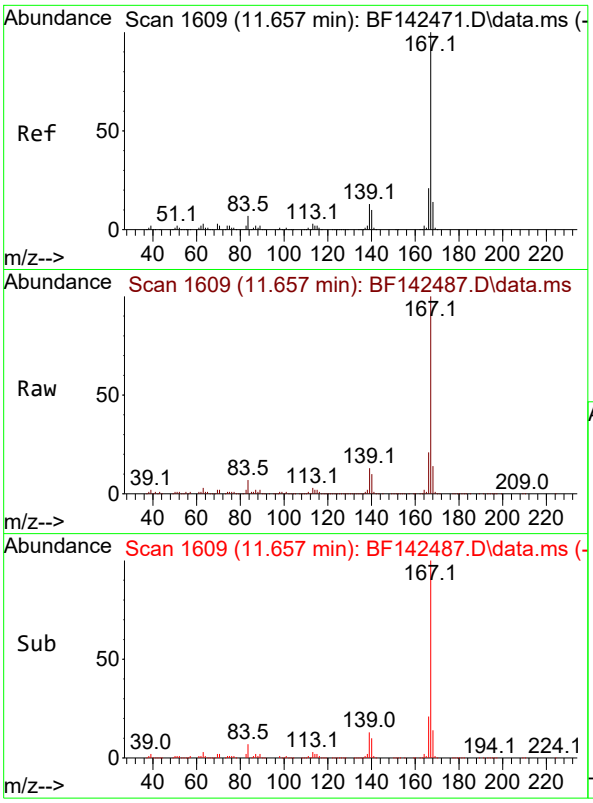


#72
Anthracene
Concen: 43.560 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:178 Resp: 544100

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.6	12.4	18.6



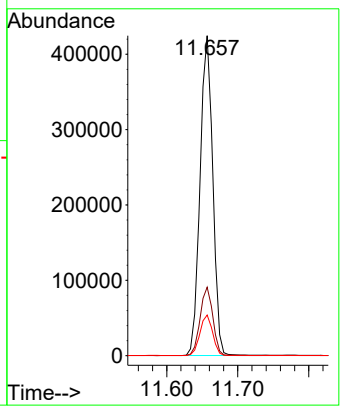


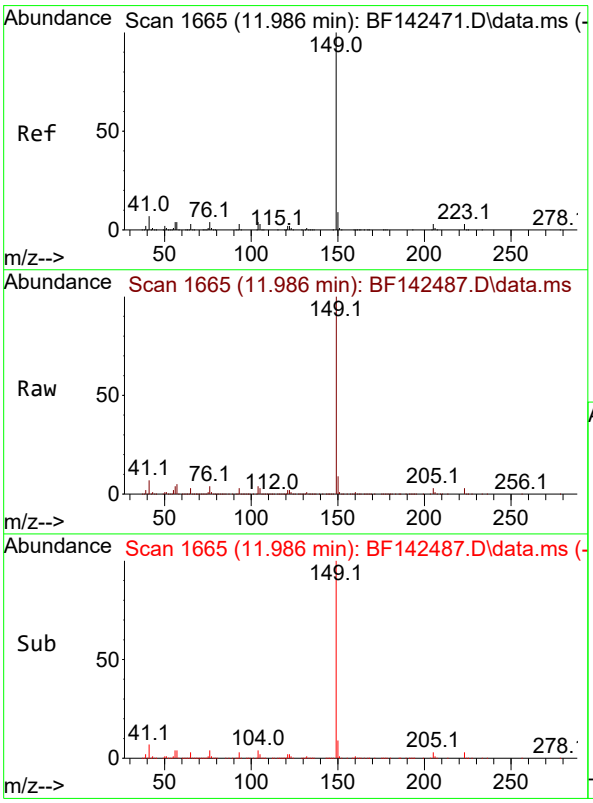
#73
Carbazole
Concen: 49.633 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:167 Resp: 529990

Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.7	10.2	15.4

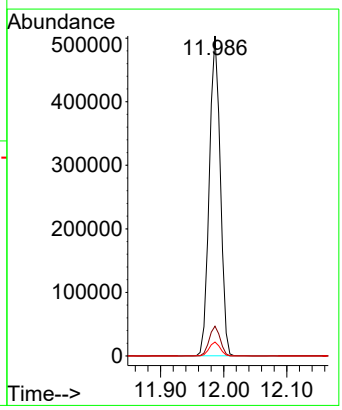


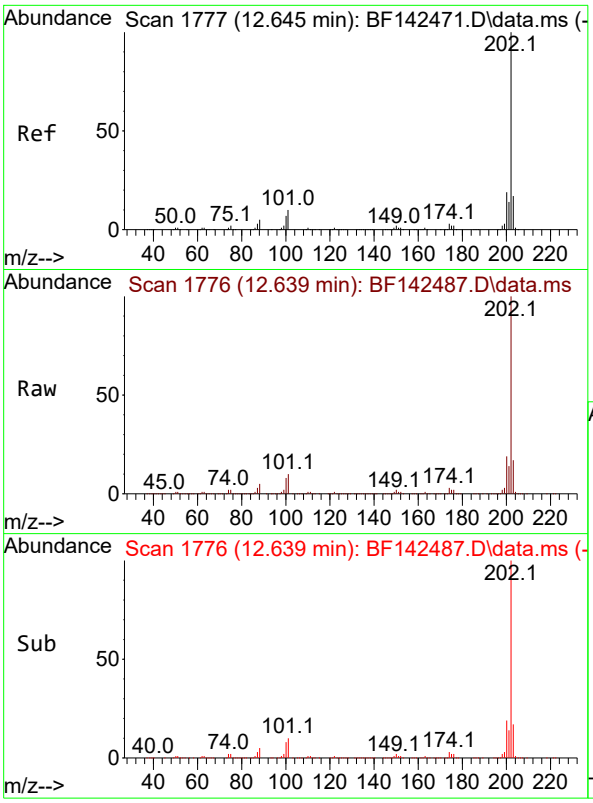


#74
Di-n-butylphthalate
Concen: 52.055 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 608435

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	4.4	3.6	5.4



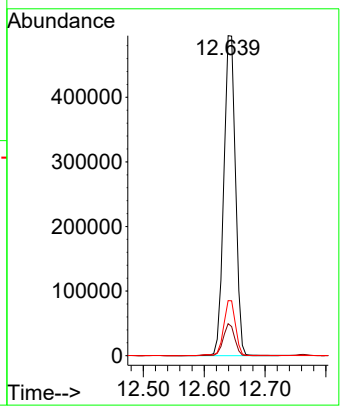


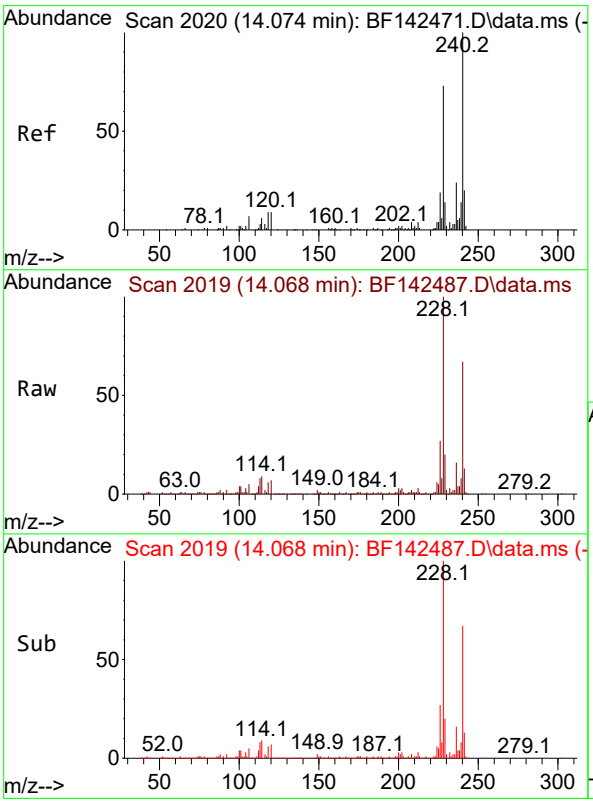
#75
Fluoranthene
Concen: 57.764 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:202 Resp: 660582

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.6
203	17.2	0.0	37.2

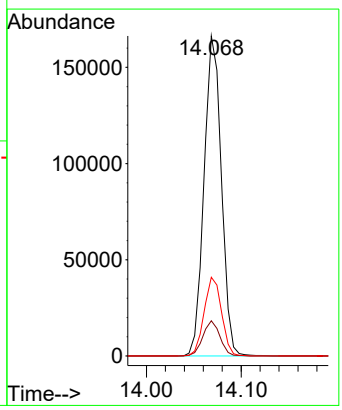


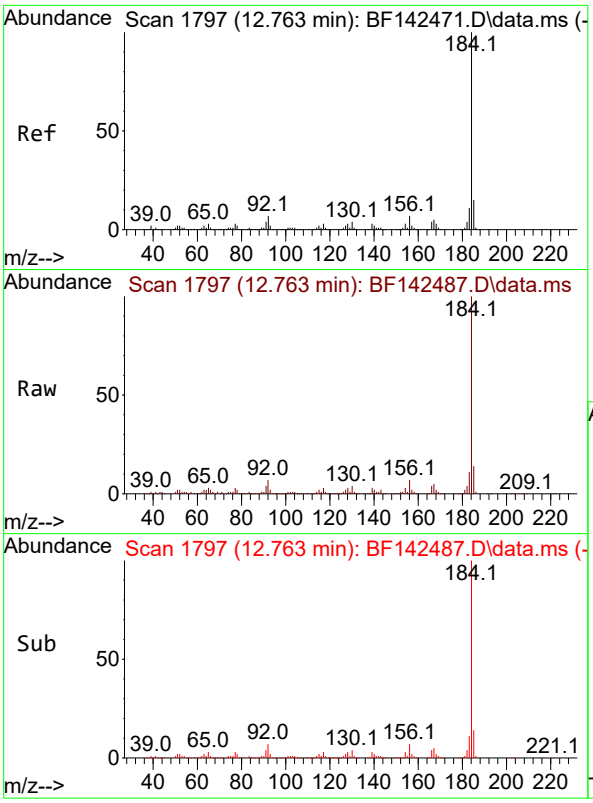


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:240 Resp: 210926

Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.5	11.3
236	24.6	19.6	29.4



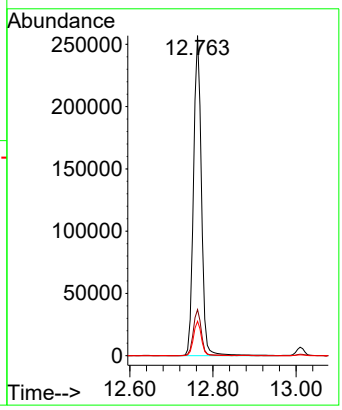


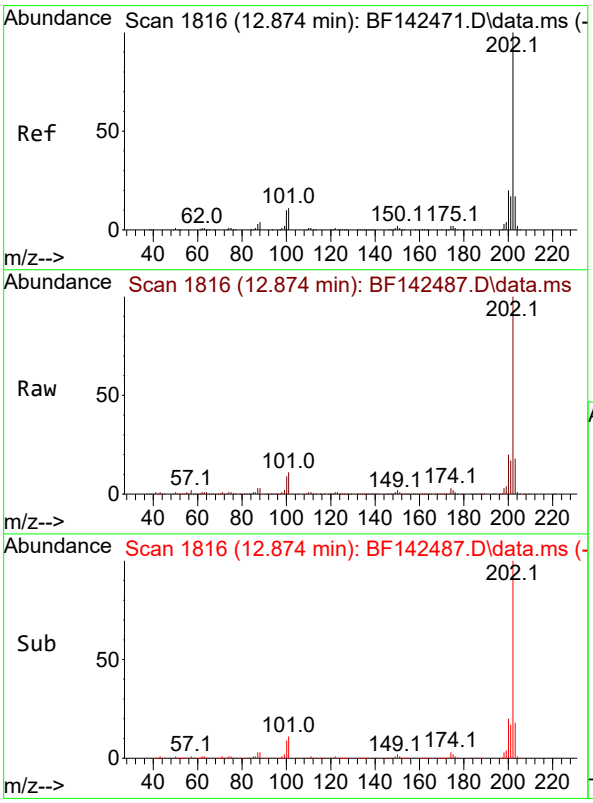
#77
Benzidine
Concen: 43.116 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:184 Resp: 338429

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.6	17.4
183	10.8	9.0	13.4

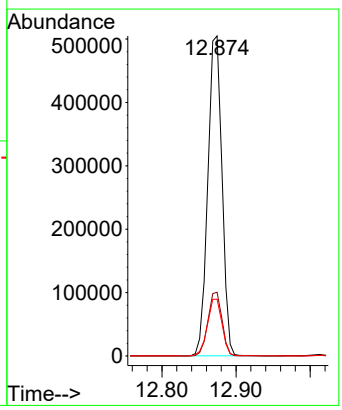


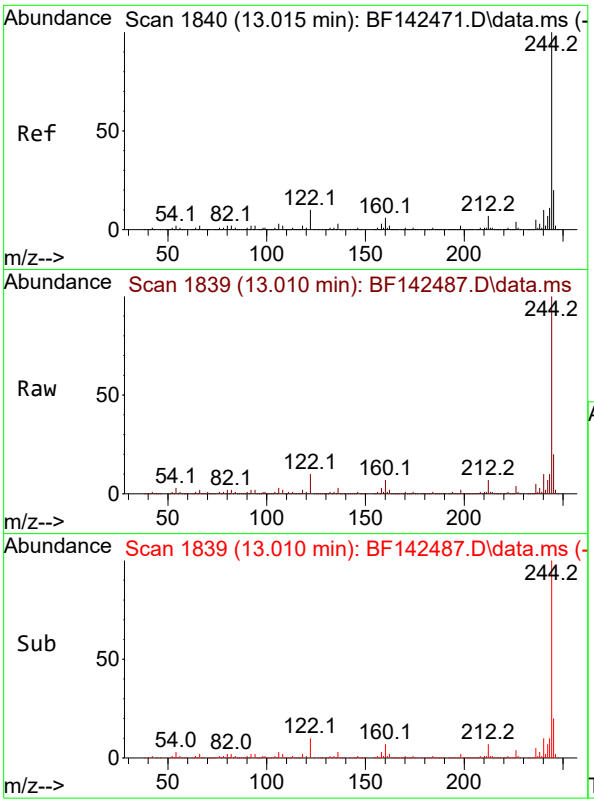


#78
Pyrene
Concen: 34.043 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:202 Resp: 669848

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.1	24.1
203	17.7	13.9	20.9



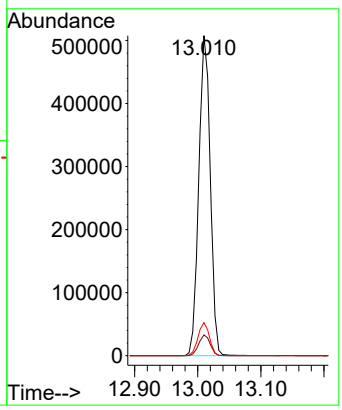


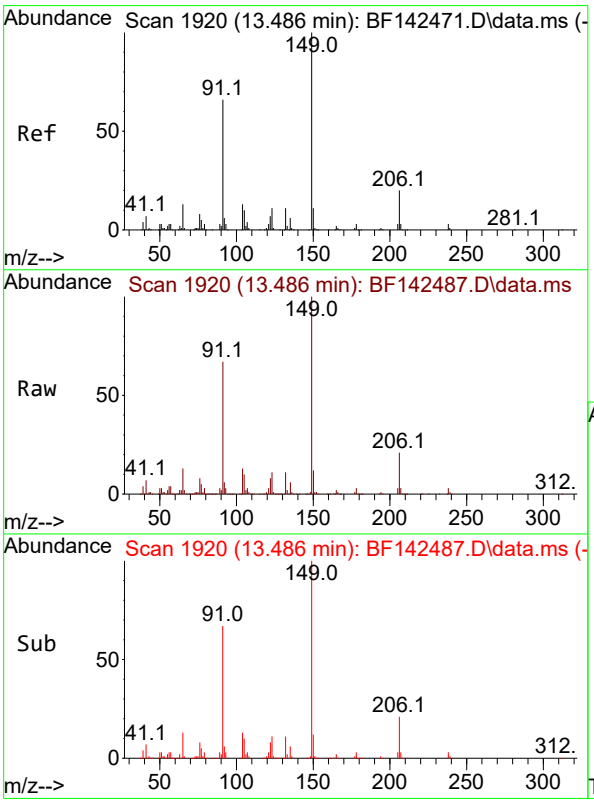
#79
Terphenyl-d14
Concen: 41.482 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:244 Resp: 640281

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.4	8.2	12.2

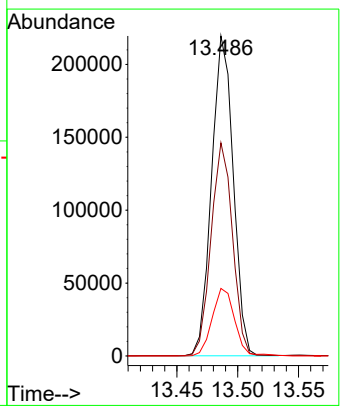


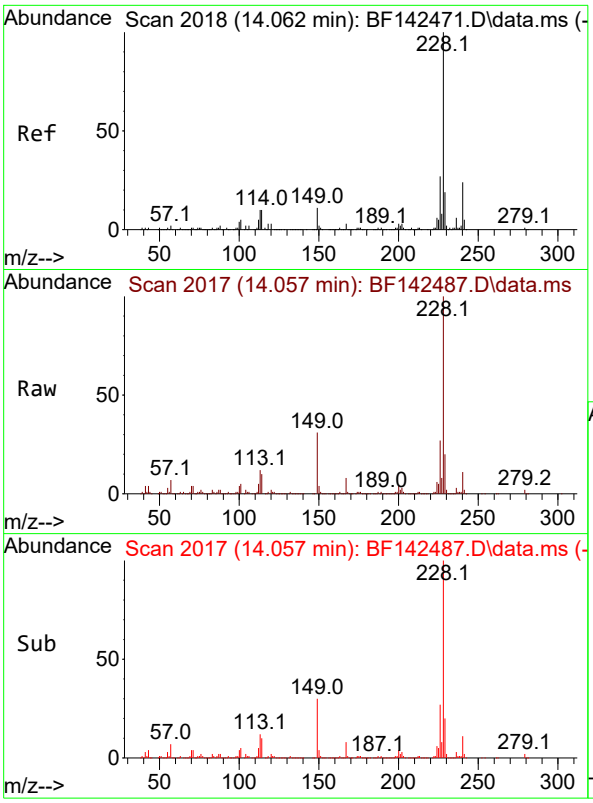


#80
Butylbenzylphthalate
Concen: 49.991 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 271799

Ion	Ratio	Lower	Upper
149	100		
91	66.6	52.9	79.3
206	21.1	16.2	24.2



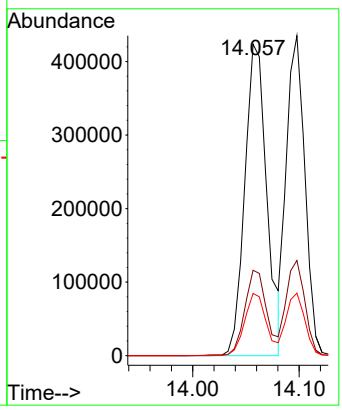


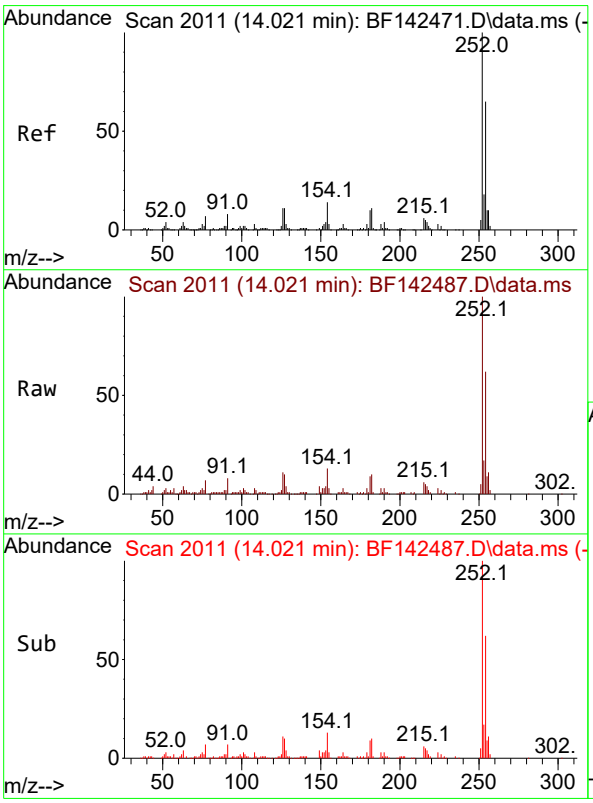
#81
Benzo(a)anthracene
Concen: 43.383 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:228 Resp: 611032

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.2	31.8
229	20.0	15.5	23.3

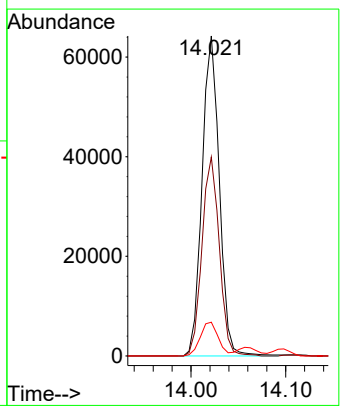


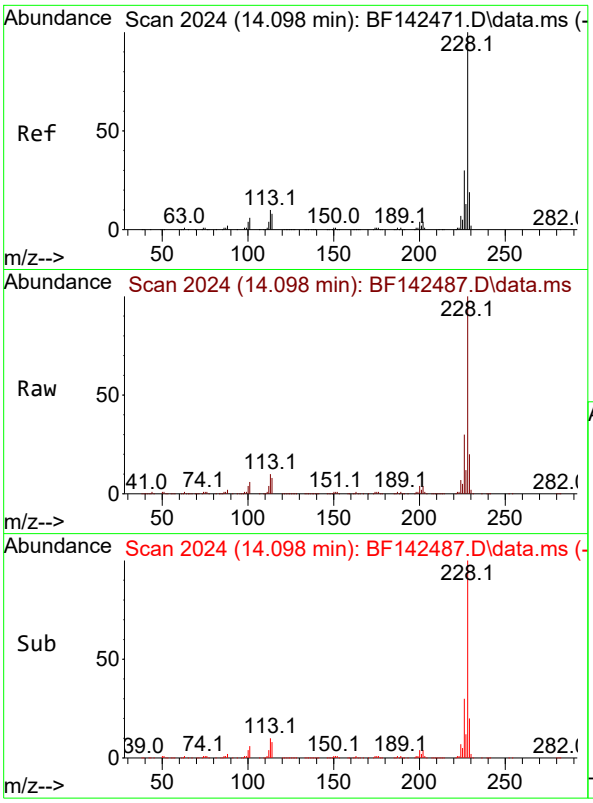


#82
3,3'-Dichlorobenzidine
Concen: 19.027 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 81284

Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.0	78.0
126	10.6	8.9	13.3



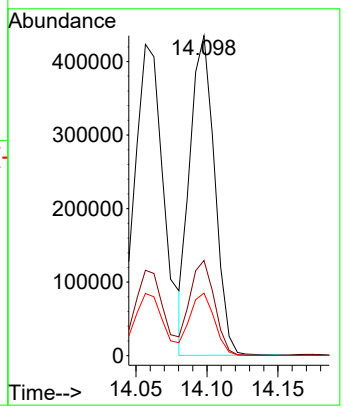


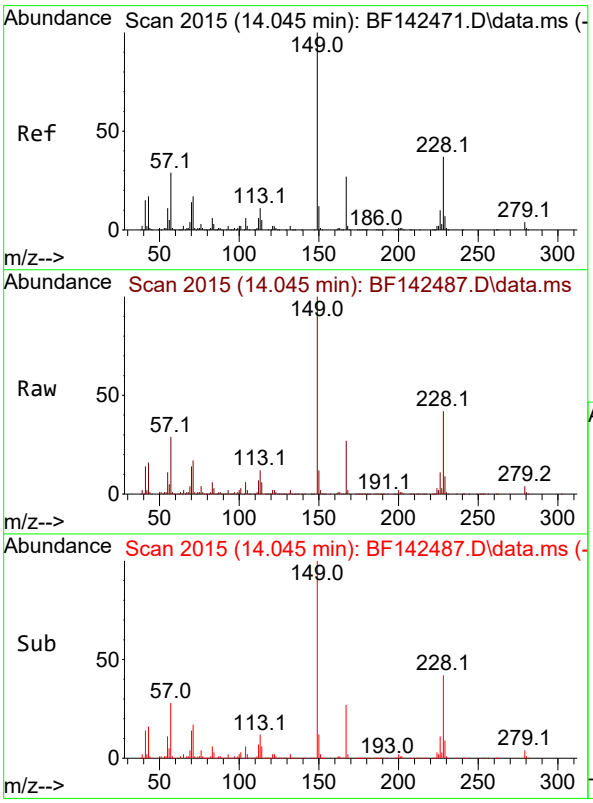
#83
Chrysene
Concen: 41.421 ng
RT: 14.098 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:228 Resp: 524218

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	19.6	15.4	23.2

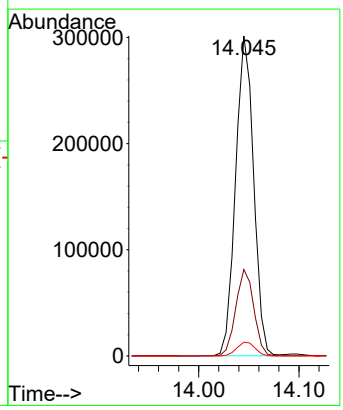


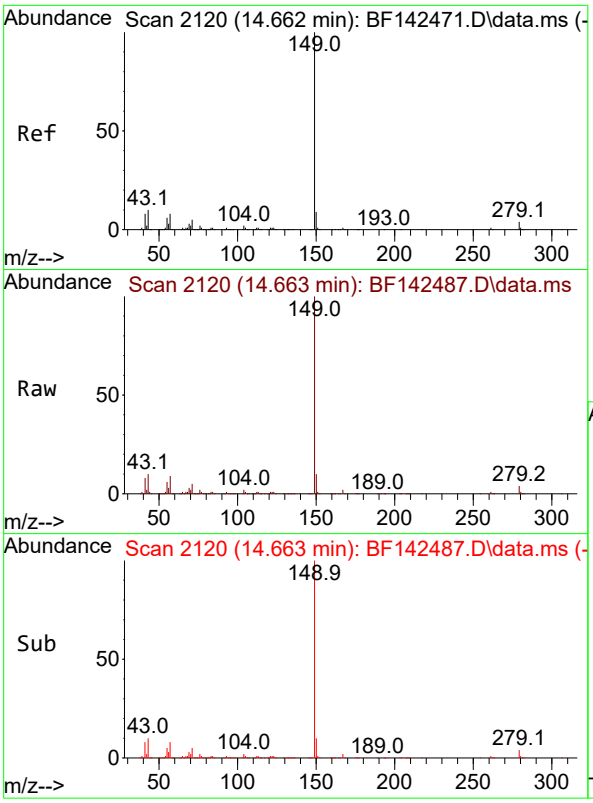


#84
Bis(2-ethylhexyl)phthalate
Concen: 54.051 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:149 Resp: 376196

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.5	32.3
279	4.3	3.2	4.8



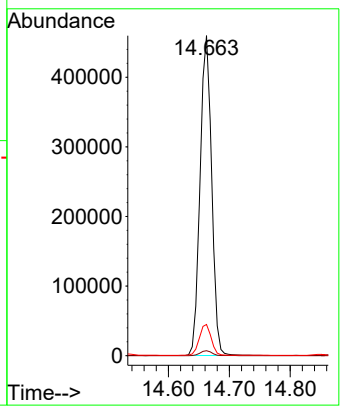


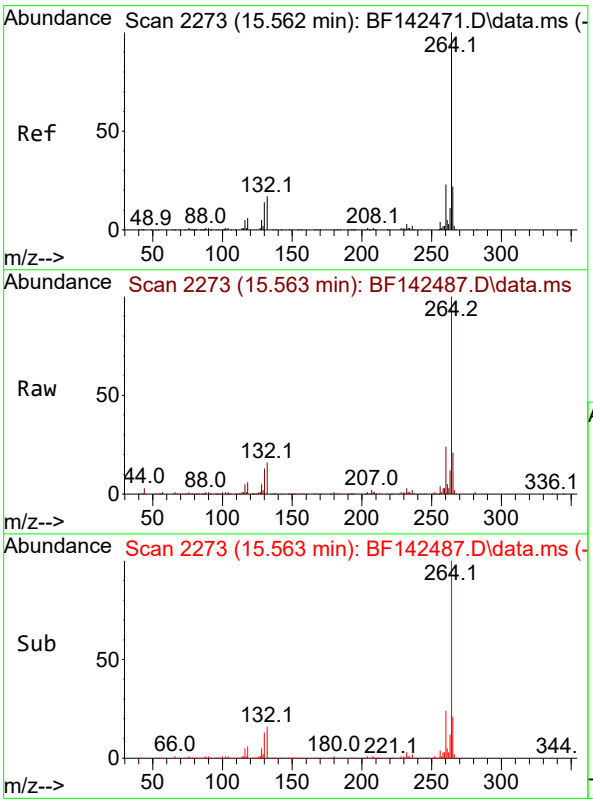
#85
Di-n-octyl phthalate
Concen: 44.459 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:149 Resp: 605040

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.9	7.9	11.9

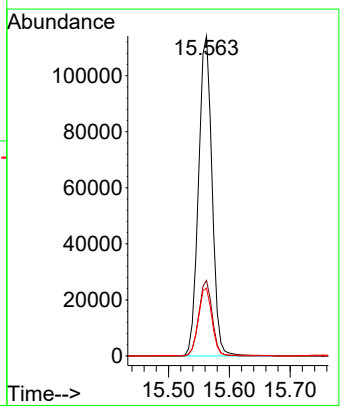


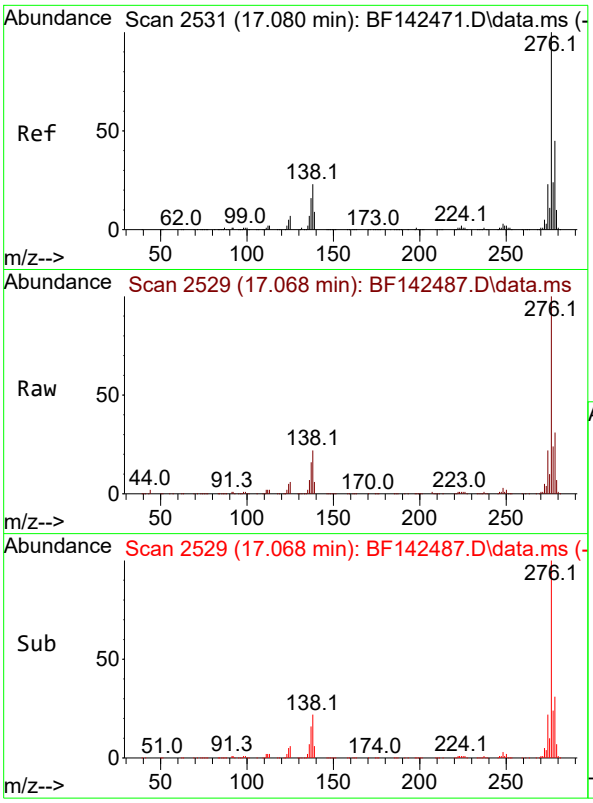


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:264 Resp: 176162

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.2	17.7	26.5



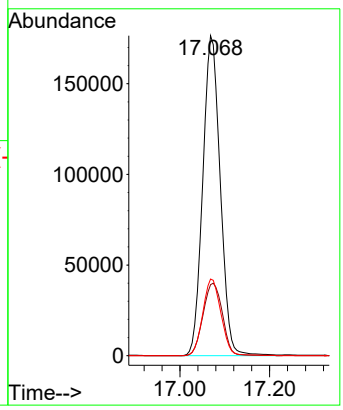


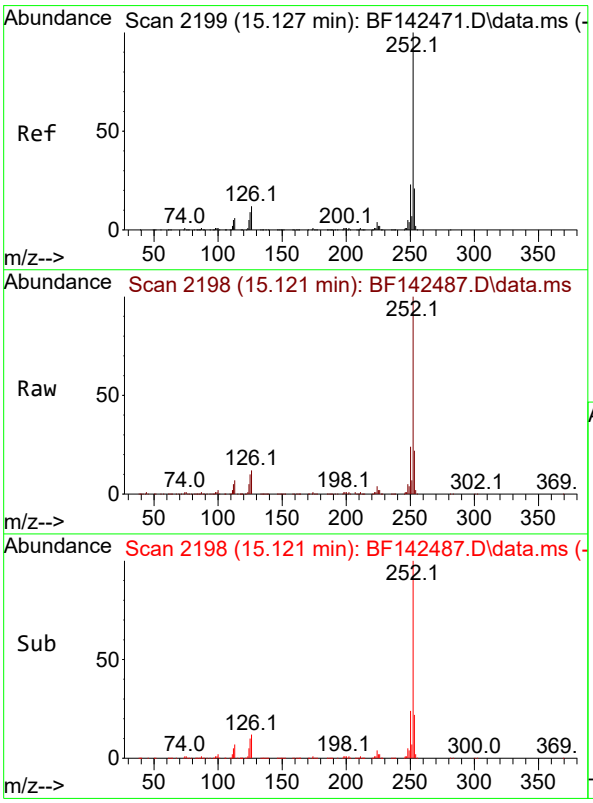
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.138 ng
RT: 17.068 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:276 Resp: 477933

Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.9	29.9
277	24.9	20.2	30.2

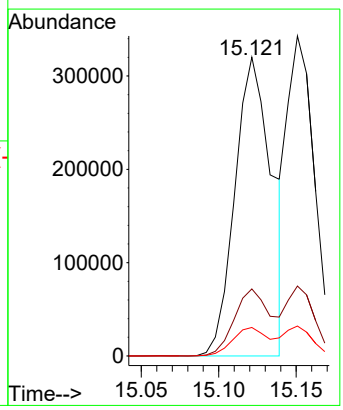


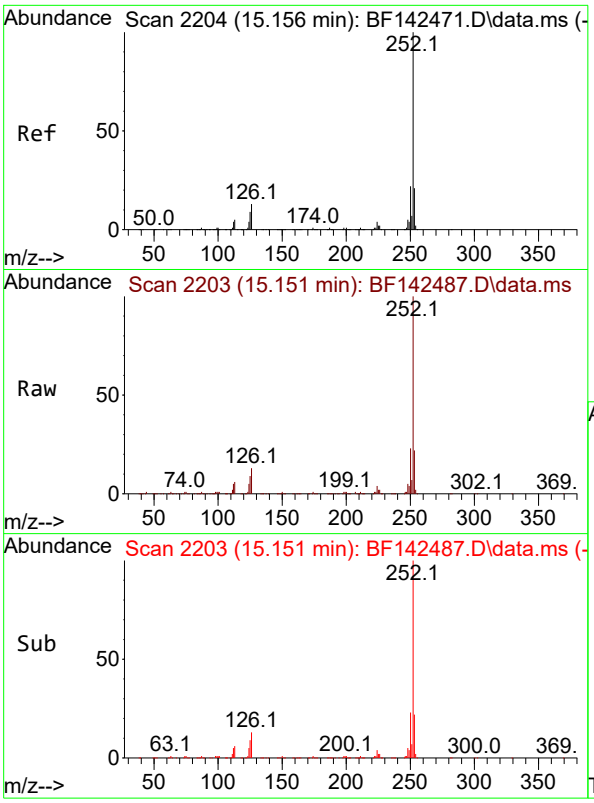


#88
Benzo(b)fluoranthene
Concen: 50.894 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 530624

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	9.6	7.4	11.0



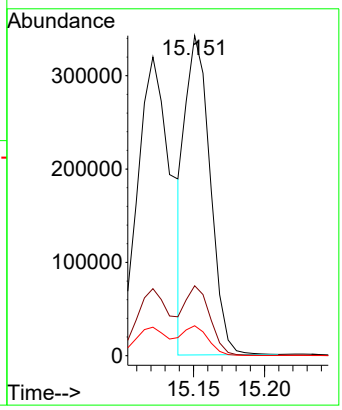


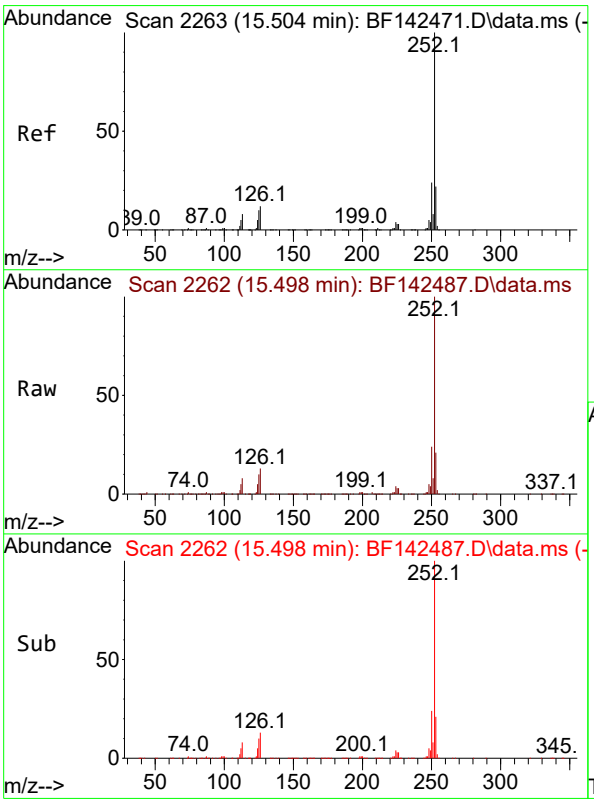
#89
Benzo(k)fluoranthene
Concen: 42.645 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:252 Resp: 416436

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	9.4	7.3	10.9

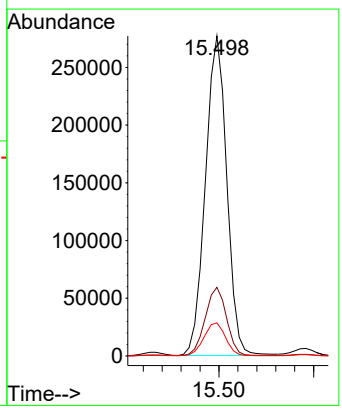


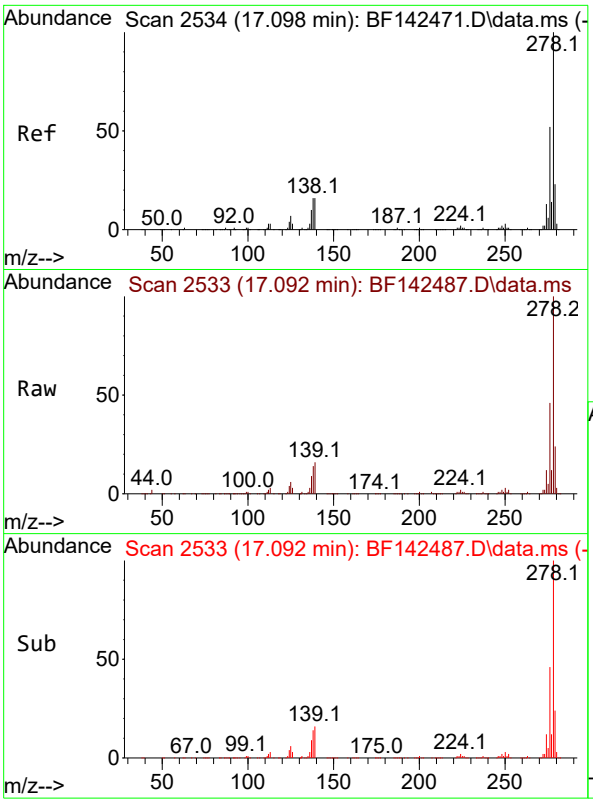


#90
Benzo(a)pyrene
Concen: 44.228 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:252 Resp: 434657

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	10.3	7.9	11.9



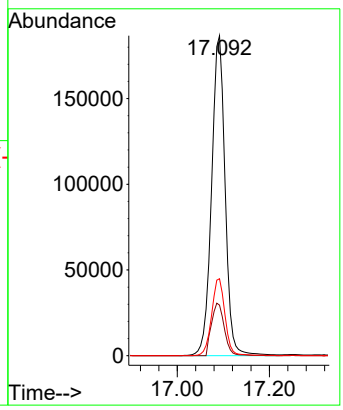


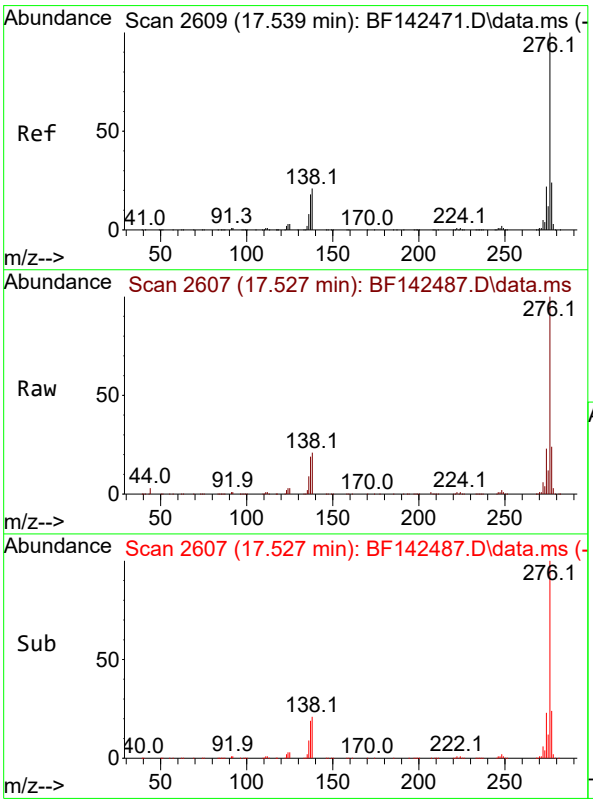
#91
Dibenzo(a,h)anthracene
Concen: 35.642 ng
RT: 17.092 min Scan# 2
Delta R.T. -0.023 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
SS-11MS

Tgt Ion:278 Resp: 382303

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	24.0	18.6	28.0

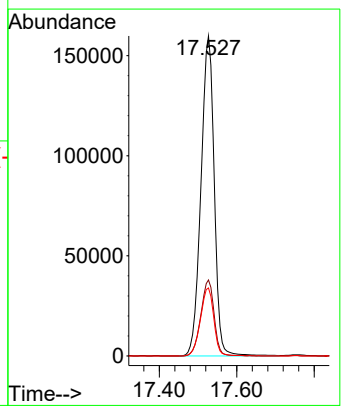




#92
Benzo(g,h,i)perylene
Concen: 35.437 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.029 min
Lab File: BF142487.D
Acq: 21 May 2025 15:06

Tgt Ion:276 Resp: 380185

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.2	16.8	25.2



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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11MSD	SDG No.:	Q2075
Lab Sample ID:	Q2075-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142488.D	1	05/20/25 09:45	05/21/25 15:34	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
91-20-3	Naphthalene	1600		25.9	190	ug/Kg
208-96-8	Acenaphthylene	1600		33.0	190	ug/Kg
83-32-9	Acenaphthene	1800		24.3	190	ug/Kg
86-73-7	Fluorene	1600		28.9	190	ug/Kg
85-01-8	Phenanthrene	1700		23.9	190	ug/Kg
120-12-7	Anthracene	1700		38.1	190	ug/Kg
206-44-0	Fluoranthene	2300		34.3	190	ug/Kg
129-00-0	Pyrene	1300		41.1	190	ug/Kg
56-55-3	Benzo(a)anthracene	1600		26.3	190	ug/Kg
218-01-9	Chrysene	1600		22.7	190	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		21.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		25.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		33.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		33.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		31.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		29.4	190	ug/Kg
SURROGATES						
4165-60-0	Nitrobenzene-d5	59.6		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	54.4		20 - 109	54%	SPK: 100
1718-51-0	Terphenyl-d14	40.2		10 - 105	40%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	53500	6.898			
1146-65-2	Naphthalene-d8	192000	8.181			
15067-26-2	Acenaphthene-d10	95700	9.939			
1517-22-2	Phenanthrene-d10	179000	11.427			
1719-03-5	Chrysene-d12	174000	14.068			
1520-96-3	Perylene-d12	148000	15.557			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	05/16/25
Client Sample ID:	SS-11MSD	SDG No.:	Q2075
Lab Sample ID:	Q2075-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group3
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF142488.D	1	05/20/25 09:45	05/21/25 15:34	PB168083

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142488.D
Acq On : 21 May 2025 15:34
Operator : RC/JU
Sample : Q2075-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Quant Time: May 21 16:00:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	53473	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	192497	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	95696	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	179294	20.000	ng		0.00
76) Chrysene-d12	14.068	240	174160	20.000	ng		0.00
86) Perylene-d12	15.557	264	147670	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	304079	95.805	ng		-0.01
7) Phenol-d6	6.516	99	365334	95.621	ng		-0.02
23) Nitrobenzene-d5	7.457	82	210235	59.553	ng		-0.02
42) 2,4,6-Tribromophenol	10.728	330	113033	106.424	ng		-0.01
45) 2-Fluorobiphenyl	9.257	172	388254	54.441	ng		-0.01
79) Terphenyl-d14	13.010	244	512173	40.188	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	46460	36.580	ng		97
3) Pyridine	3.410	79	126162	39.007	ng		99
4) n-Nitrosodimethylamine	3.346	42	67799	40.373	ng		96
6) Aniline	6.557	93	112810	21.959	ng		99
8) 2-Chlorophenol	6.681	128	139131	40.245	ng		98
9) Benzaldehyde	6.445	77	86641	37.703	ng		99
10) Phenol	6.528	94	171228	39.829	ng		100
11) bis(2-Chloroethyl)ether	6.628	93	121333	39.208	ng		100
12) 1,3-Dichlorobenzene	6.840	146	155190	40.230	ng		98
13) 1,4-Dichlorobenzene	6.916	146	155412	39.995	ng		98
14) 1,2-Dichlorobenzene	7.069	146	149202	40.127	ng		98
15) Benzyl Alcohol	7.034	79	108038	38.264	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	198589	38.213	ng		100
17) 2-Methylphenol	7.145	107	105761	39.184	ng		97
18) Hexachloroethane	7.410	117	53195	39.204	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	86737	36.631	ng		98
20) 3+4-Methylphenols	7.292	107	134110	38.800	ng	#	87
22) Acetophenone	7.304	105	181145	42.510	ng		99
24) Nitrobenzene	7.475	77	132830	41.719	ng		99
25) Isophorone	7.716	82	230066	38.979	ng		98
26) 2-Nitrophenol	7.792	139	71728	42.161	ng		98
27) 2,4-Dimethylphenol	7.828	122	121560	40.517	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	142931	38.766	ng		99
29) 2,4-Dichlorophenol	8.034	162	110236	40.402	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	123234	41.617	ng		98
31) Naphthalene	8.204	128	394689	41.641	ng		99
32) Benzoic acid	7.916	122	75602m	41.396	ng		
33) 4-Chloroaniline	8.251	127	39518	10.289	ng		98
34) Hexachlorobutadiene	8.322	225	75196	40.670	ng		99
35) Caprolactam	8.598	113	35475	46.294	ng		92
36) 4-Chloro-3-methylphenol	8.728	107	109810	39.271	ng		97
37) 2-Methylnaphthalene	8.892	142	240543	40.339	ng		99
38) 1-Methylnaphthalene	8.992	142	248451	40.280	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	118777	43.238	ng		98
41) Hexachlorocyclopentadiene	9.051	237	151109	81.543	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	77212	41.683	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142488.D
Acq On : 21 May 2025 15:34
Operator : RC/JU
Sample : Q2075-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Quant Time: May 21 16:00:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

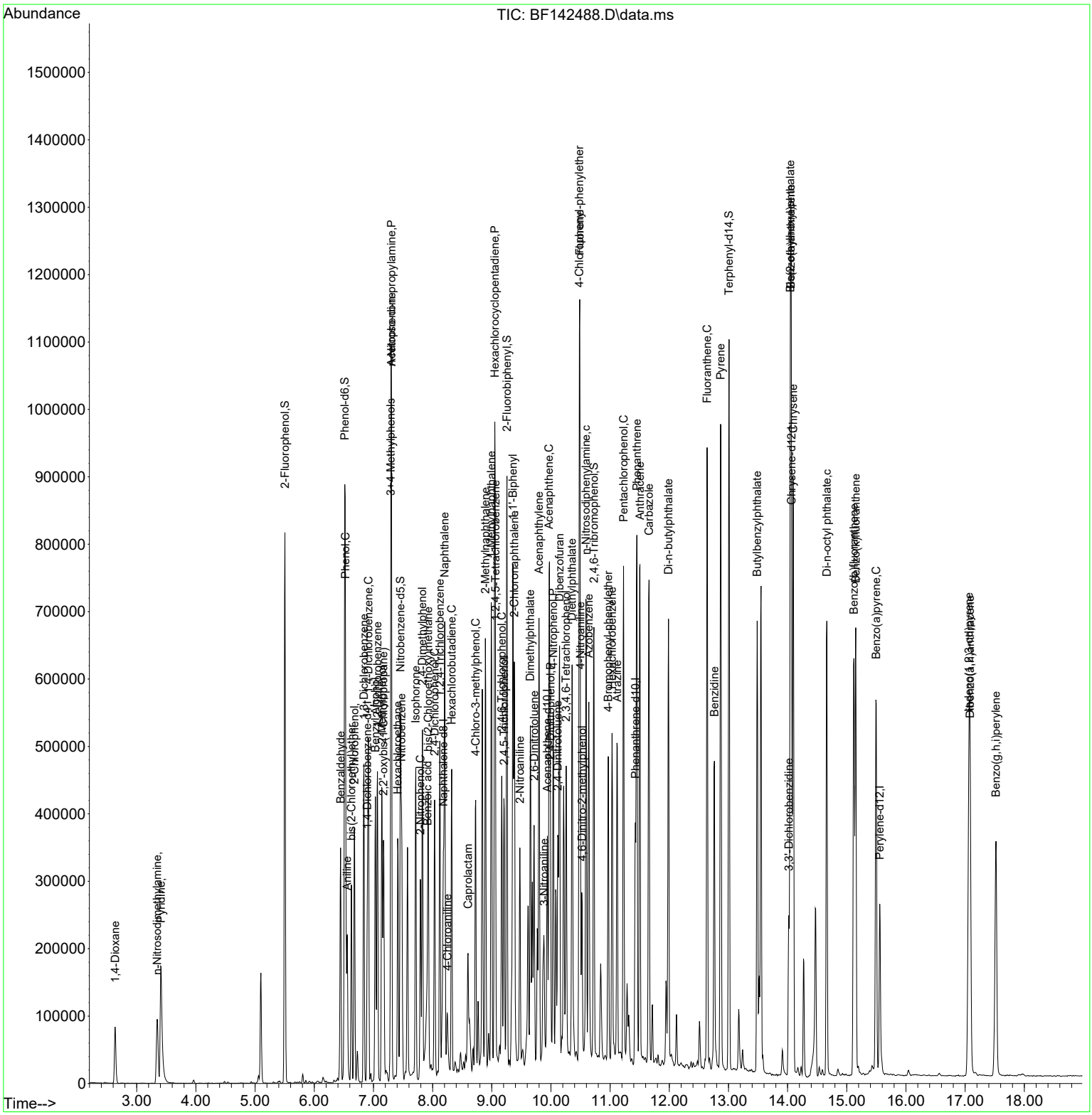
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	80798	41.359	ng		98
46) 1,1'-Biphenyl	9.357	154	318472	42.896	ng		99
47) 2-Chloronaphthalene	9.381	162	232356	42.360	ng		99
48) 2-Nitroaniline	9.475	65	69874	44.071	ng		99
49) Acenaphthylene	9.798	152	396591	42.817	ng		100
50) Dimethylphthalate	9.651	163	265370	42.027	ng		99
51) 2,6-Dinitrotoluene	9.716	165	58315	42.790	ng		100
52) Acenaphthene	9.969	154	265263	46.901	ng		99
53) 3-Nitroaniline	9.886	138	39078	26.253	ng		96
54) 2,4-Dinitrophenol	9.992	184	68143	96.781	ng		96
55) Dibenzofuran	10.145	168	342315	42.059	ng		98
56) 4-Nitrophenol	10.039	139	117563	107.039	ng		100
57) 2,4-Dinitrotoluene	10.116	165	82986	46.626	ng		95
58) Fluorene	10.486	166	270781	43.065	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	67912	41.641	ng	#	97
60) Diethylphthalate	10.357	149	263021	42.650	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	127605	41.312	ng		97
62) 4-Nitroaniline	10.498	138	66970	49.607	ng		99
63) Azobenzene	10.639	77	253765	45.814	ng		96
65) 4,6-Dinitro-2-methylph...	10.528	198	44708	44.681	ng		97
66) n-Nitrosodiphenylamine	10.592	169	239679	39.074	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	77907	36.748	ng		99
68) Hexachlorobenzene	11.033	284	89239	38.058	ng		98
69) Atrazine	11.122	200	80957	49.697	ng		99
70) Pentachlorophenol	11.227	266	118109	89.217	ng		99
71) Phenanthrene	11.451	178	416981	43.518	ng		99
72) Anthracene	11.504	178	425552	43.517	ng		99
73) Carbazole	11.657	167	425725	50.924	ng		99
74) Di-n-butylphthalate	11.986	149	464959	50.811	ng		100
75) Fluoranthene	12.639	202	529880	59.183	ng		99
77) Benzidine	12.763	184	260706	40.226	ng		99
78) Pyrene	12.869	202	555060	34.165	ng		100
80) Butylbenzylphthalate	13.486	149	219971	49.000	ng		98
81) Benzo(a)anthracene	14.057	228	488067	41.968	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	71192	20.183	ng		99
83) Chrysene	14.092	228	449179	42.984	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	300378	52.268	ng		100
85) Di-n-octyl phthalate	14.663	149	480004	42.717	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	397462	35.852	ng		100
88) Benzo(b)fluoranthene	15.121	252	398076	45.547	ng		98
89) Benzo(k)fluoranthene	15.151	252	375338	45.852	ng		99
90) Benzo(a)pyrene	15.498	252	358666	43.537	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	318429	35.415	ng		100
92) Benzo(g,h,i)perylene	17.521	276	318190	35.381	ng		99

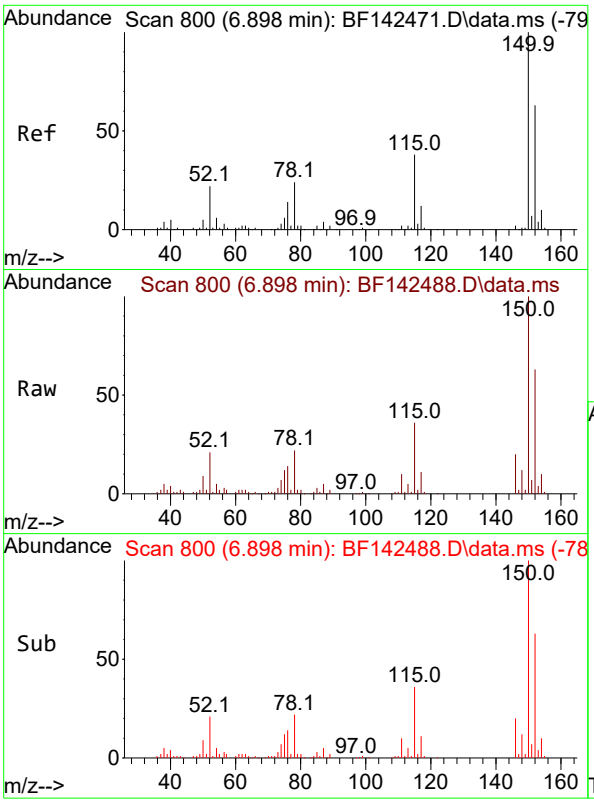
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052125\
Data File : BF142488.D
Acq On : 21 May 2025 15:34
Operator : RC/JU
Sample : Q2075-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Quant Time: May 21 16:00:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration



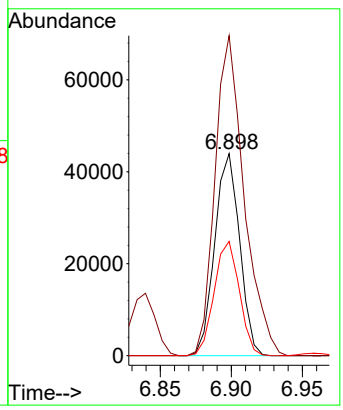


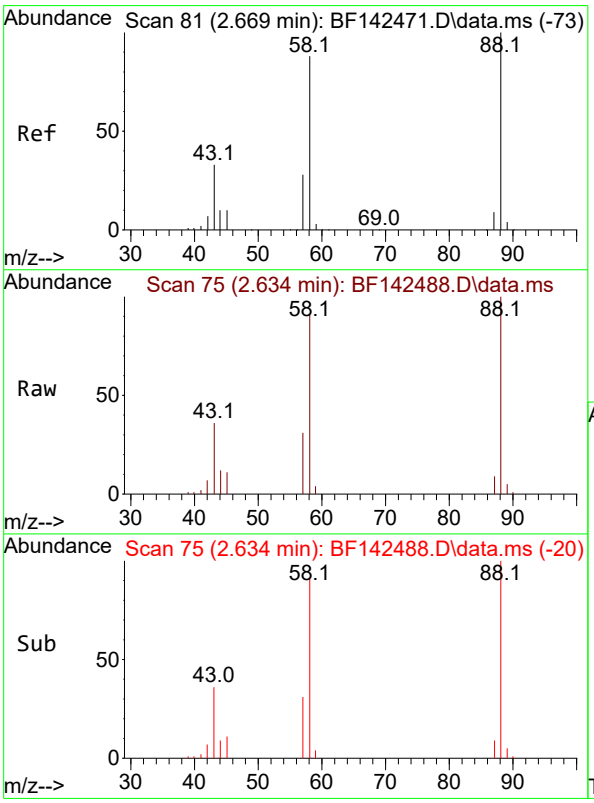
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:152 Resp: 53473

Ion	Ratio	Lower	Upper
152	100		
150	158.3	128.2	192.4
115	56.5	48.3	72.5

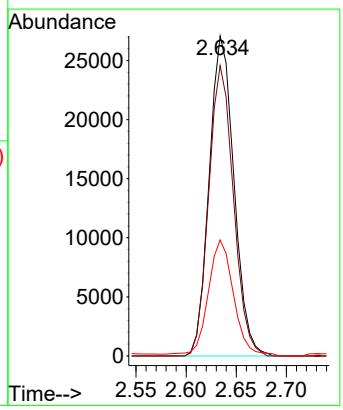


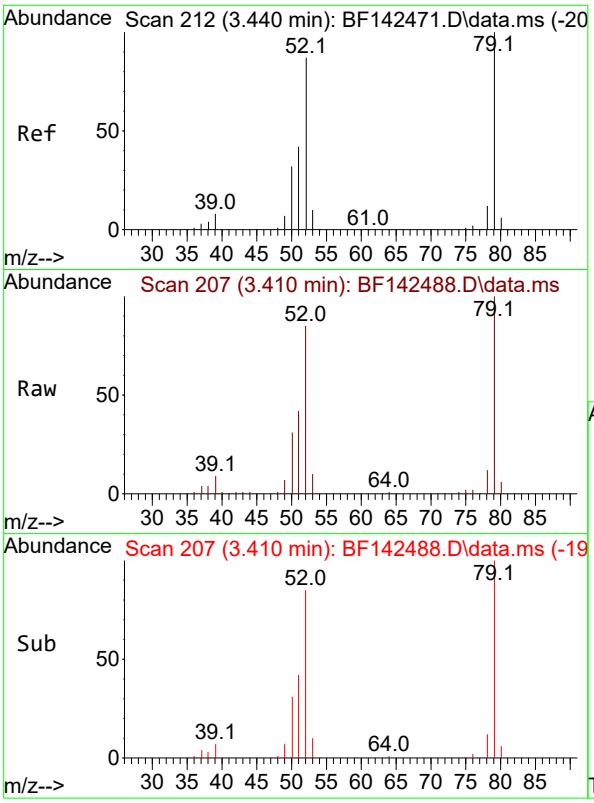


#2
1,4-Dioxane
Concen: 36.580 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 88 Resp: 46460

Ion	Ratio	Lower	Upper
88	100		
58	90.3	70.8	106.2
43	37.5	26.6	40.0



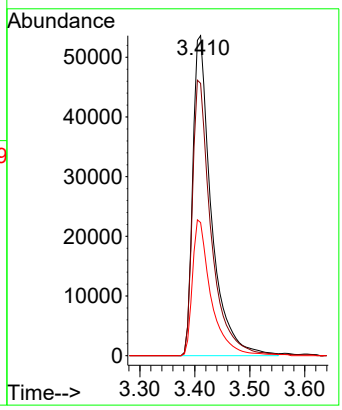


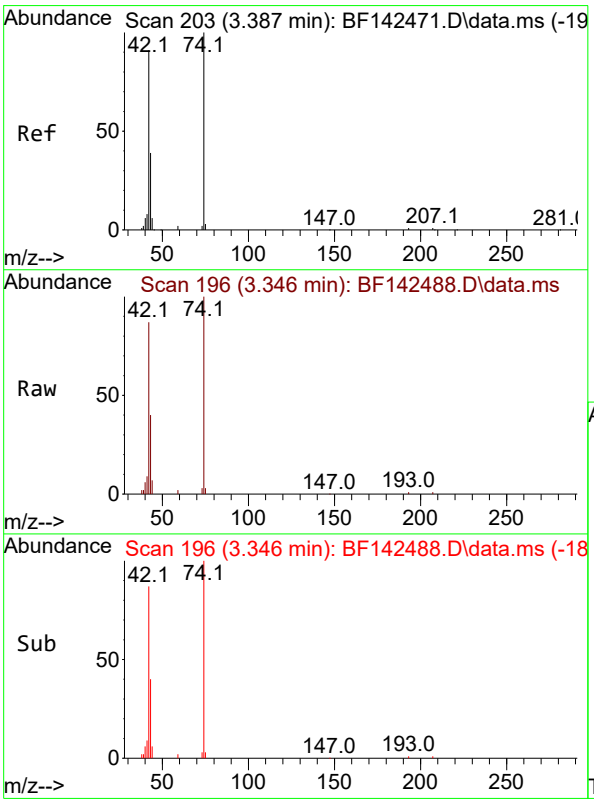
#3
Pyridine
Concen: 39.007 ng
RT: 3.410 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 79 Resp: 126162

Ion	Ratio	Lower	Upper
79	100		
52	85.1	69.2	103.8
51	41.6	33.3	49.9

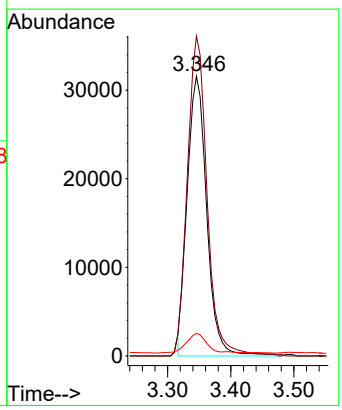


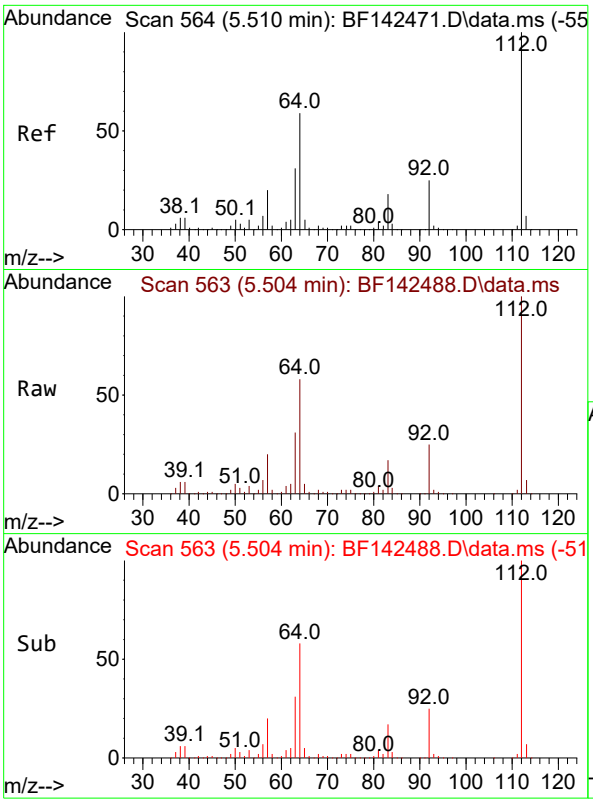


#4
n-Nitrosodimethylamine
Concen: 40.373 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.059 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 42 Resp: 67799

Ion	Ratio	Lower	Upper
42	100		
74	114.4	88.2	132.4
44	8.1	5.4	8.2



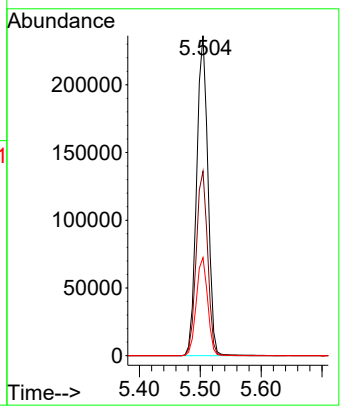


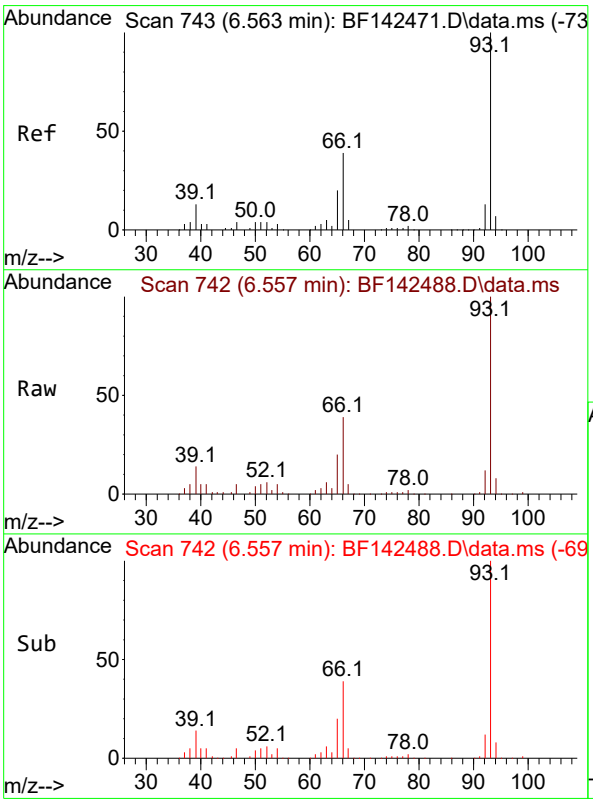
#5
2-Fluorophenol
Concen: 95.805 ng
RT: 5.504 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:112 Resp: 304079

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.5	71.3
63	30.7	24.9	37.3

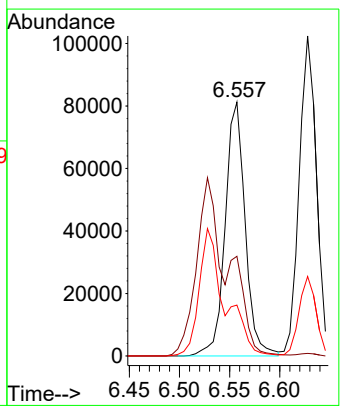


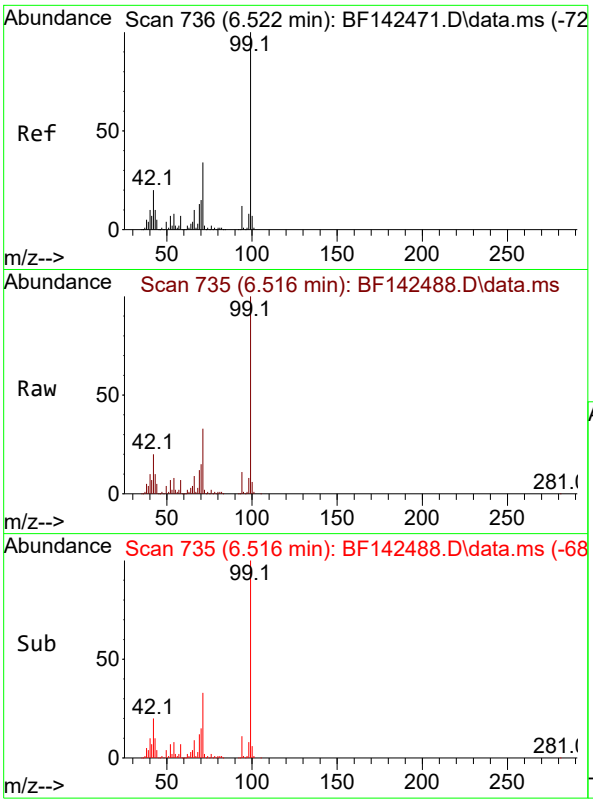


#6
Aniline
Concen: 21.959 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 93 Resp: 112810

Ion	Ratio	Lower	Upper
93	100		
66	39.2	32.0	48.0
65	20.1	16.1	24.1



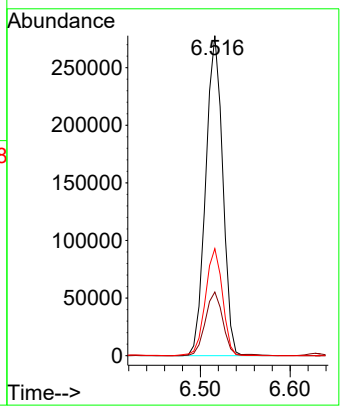


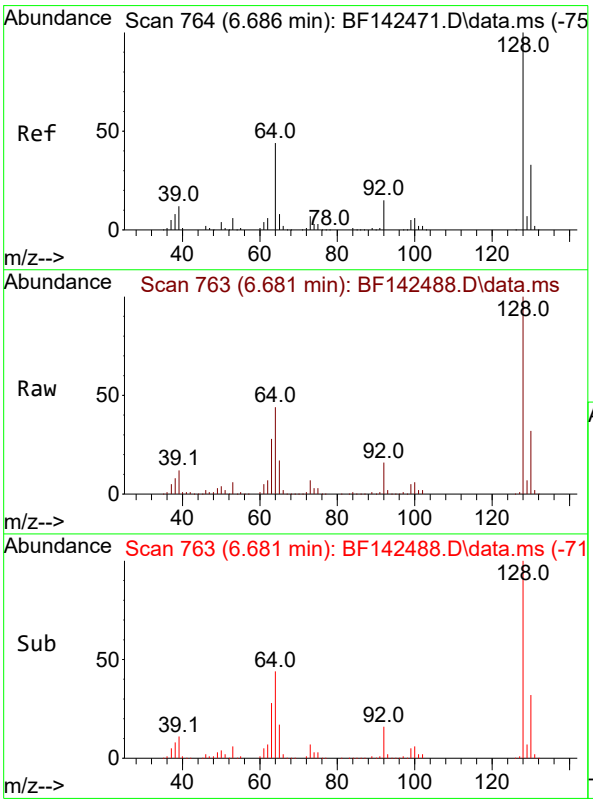
#7
Phenol-d6
Concen: 95.621 ng
RT: 6.516 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 99 Resp: 365334

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.2	24.2
71	33.5	27.3	40.9

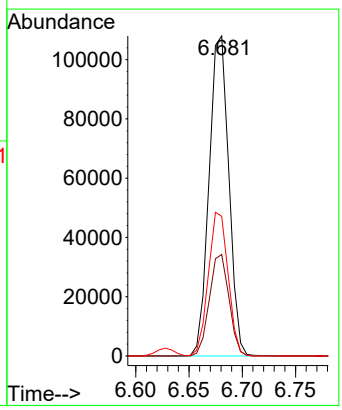


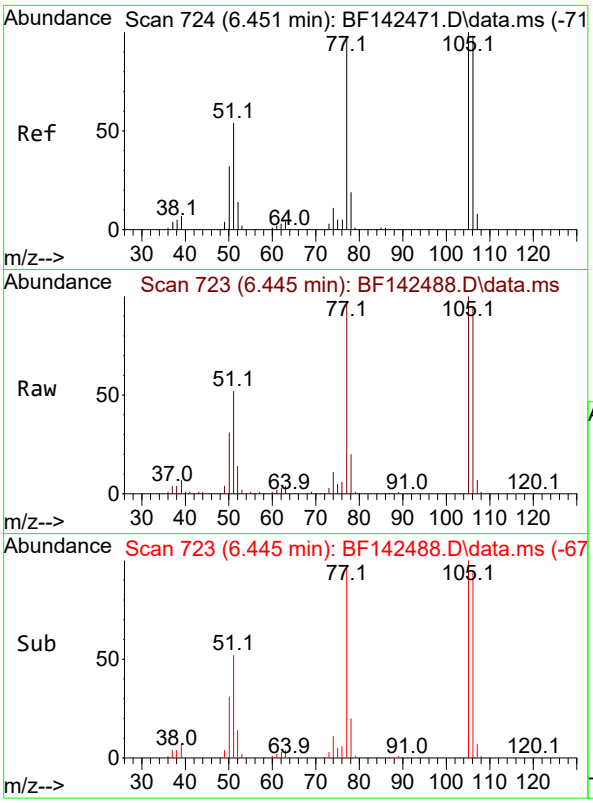


#8
2-Chlorophenol
Concen: 40.245 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:128 Resp: 139131

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.6	52.6
64	43.7	25.1	65.1



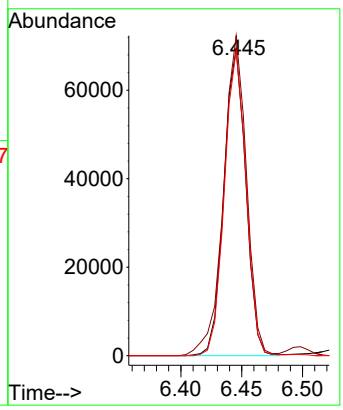


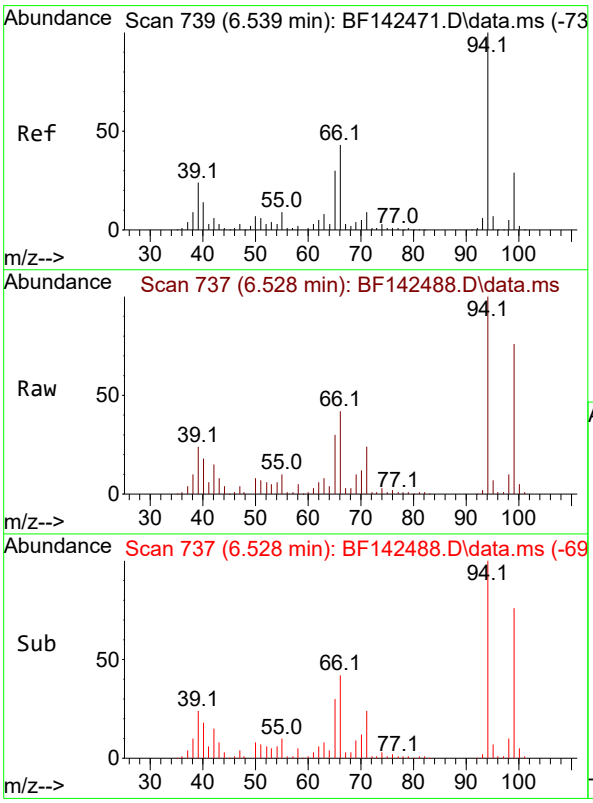
#9
Benzaldehyde
Concen: 37.703 ng
RT: 6.445 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 77 Resp: 86641

Ion	Ratio	Lower	Upper
77	100		
105	104.0	82.5	122.5
106	99.1	80.0	120.0

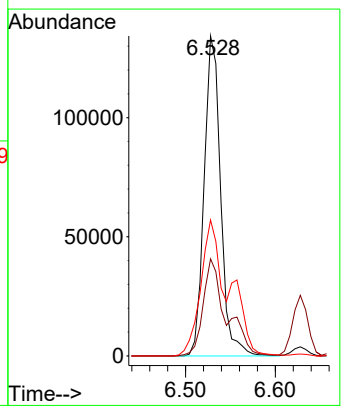


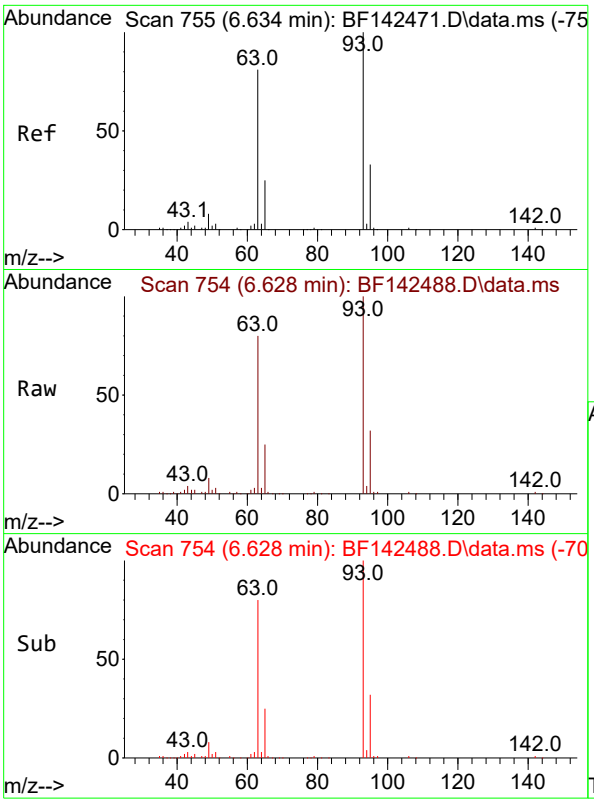


#10
Phenol
Concen: 39.829 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.023 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 94 Resp: 171228

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.3	50.3
66	42.5	22.6	62.6



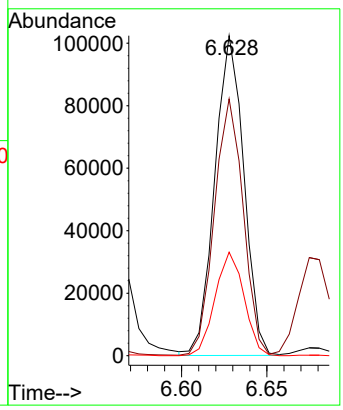


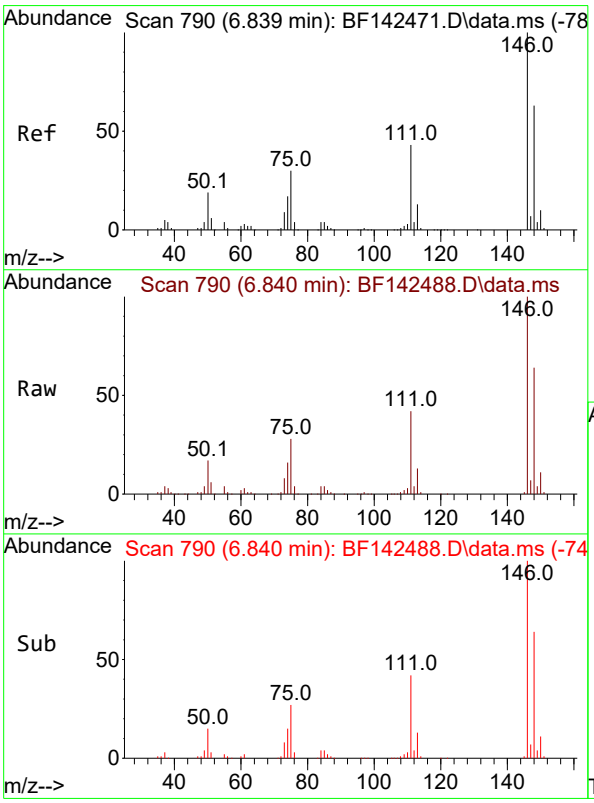
#11
bis(2-Chloroethyl)ether
Concen: 39.208 ng
RT: 6.628 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 93 Resp: 121333

Ion	Ratio	Lower	Upper
93	100		
63	80.2	60.2	100.2
95	32.4	12.3	52.3

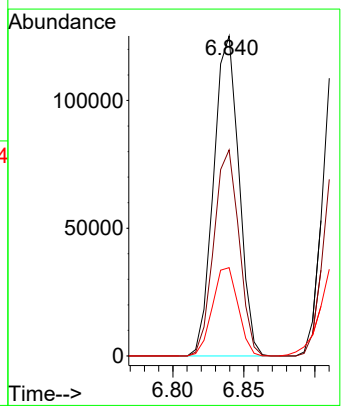


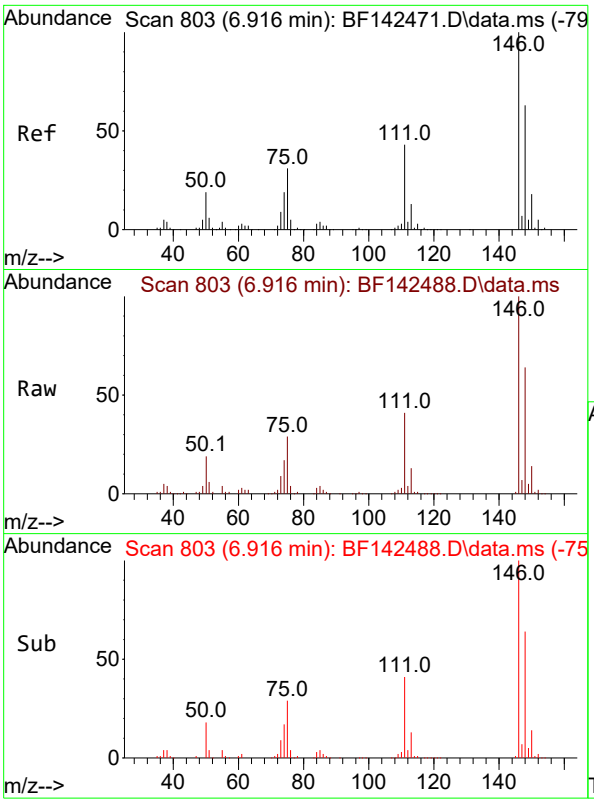


#12
1,3-Dichlorobenzene
Concen: 40.230 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:146 Resp: 155190

Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
75	27.6	23.8	35.6



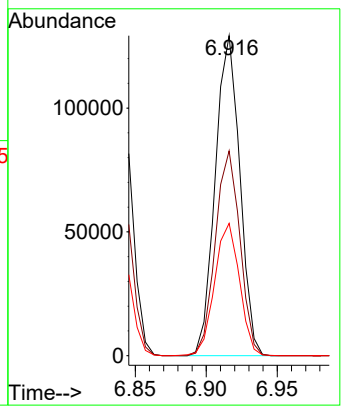


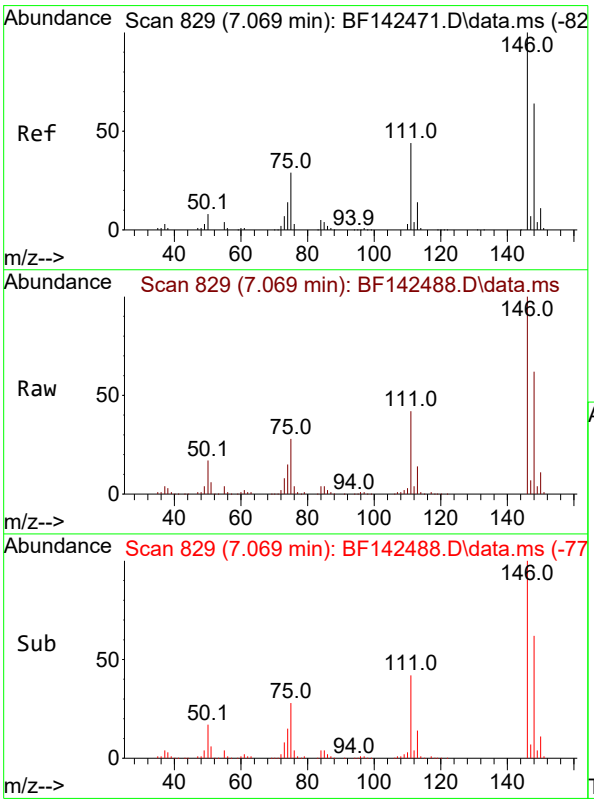
#13
1,4-Dichlorobenzene
Concen: 39.995 ng
RT: 6.916 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:146 Resp: 155412

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	41.4	34.1	51.1

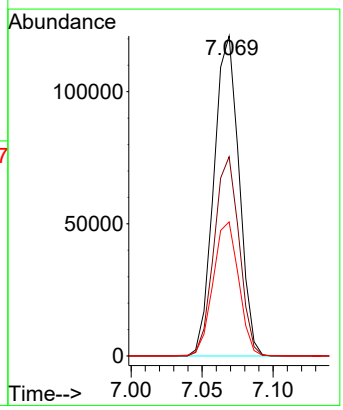


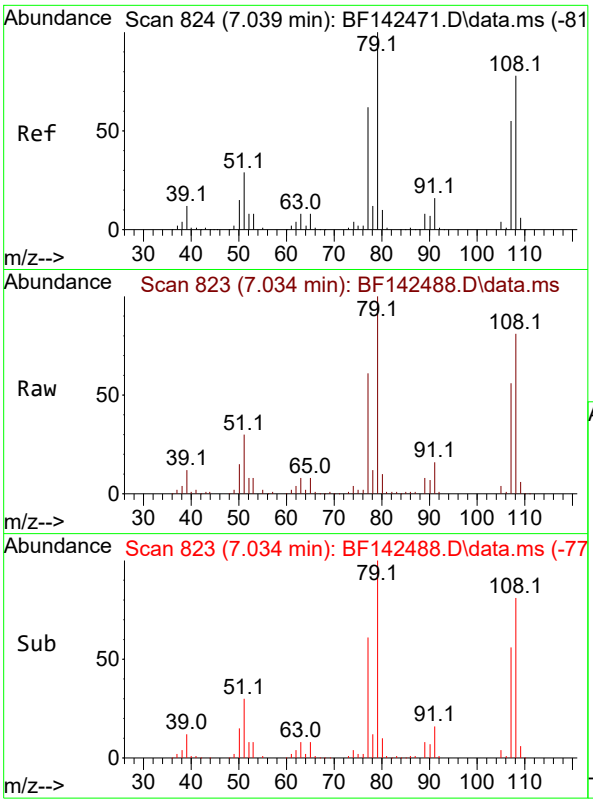


#14
1,2-Dichlorobenzene
Concen: 40.127 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:146 Resp: 149202

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
111	41.9	35.0	52.6



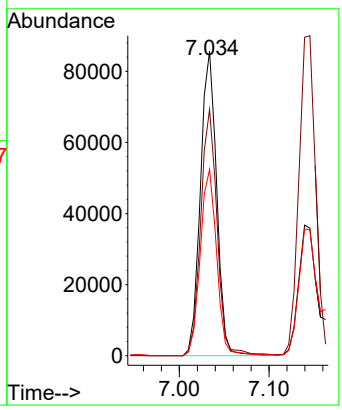


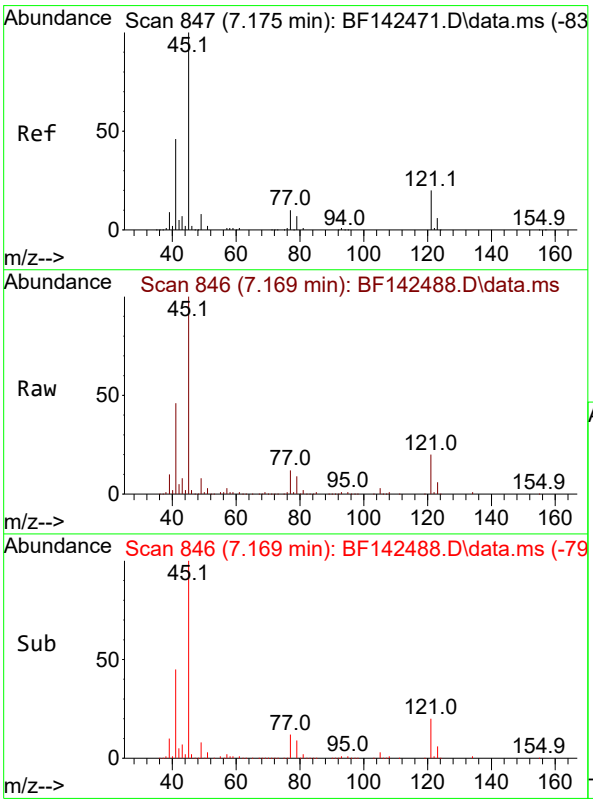
#15
Benzyl Alcohol
Concen: 38.264 ng
RT: 7.034 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 79 Resp: 108038

Ion	Ratio	Lower	Upper
79	100		
108	80.9	62.1	93.1
77	61.1	49.5	74.3

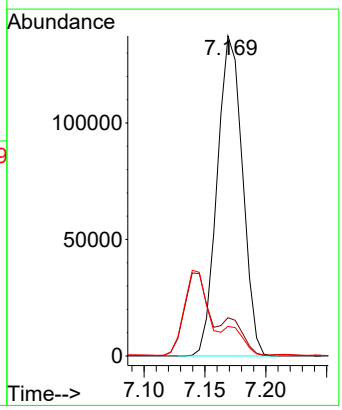


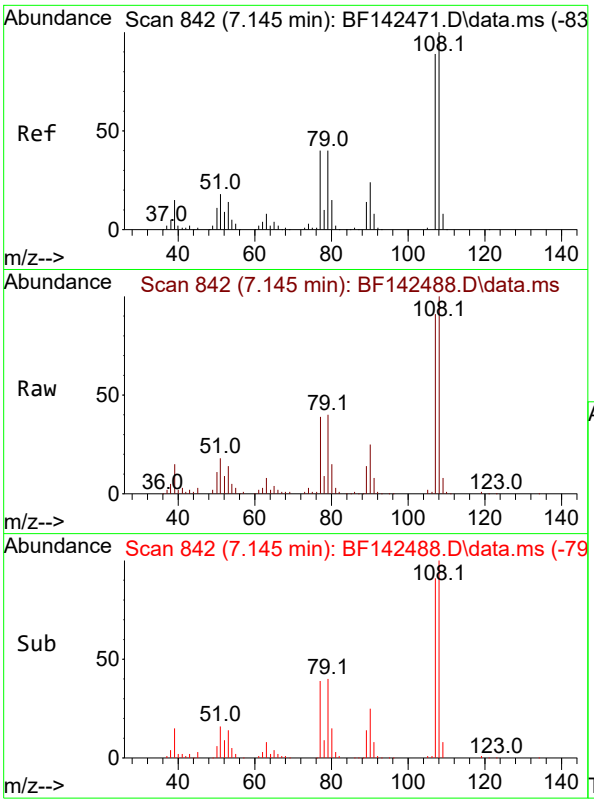


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.213 ng
RT: 7.169 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 45 Resp: 198589

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	32.0
79	9.2	0.0	29.2



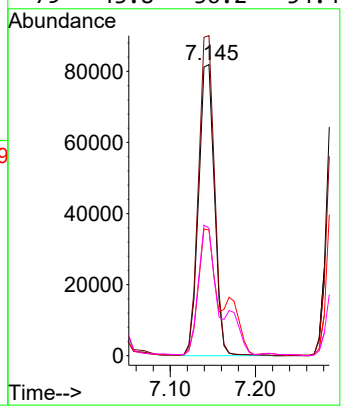


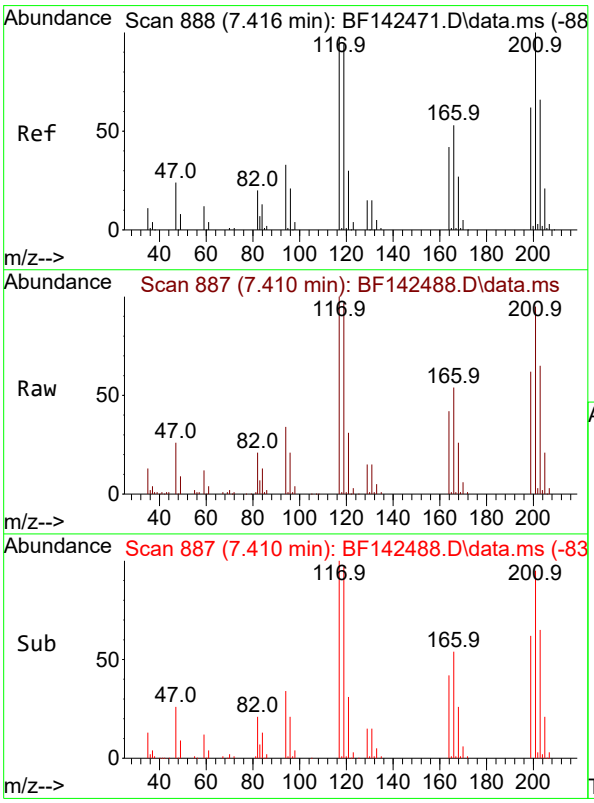
#17
2-Methylphenol
Concen: 39.184 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:107 Resp: 105761

Ion	Ratio	Lower	Upper
107	100		
108	109.9	90.2	135.2
77	43.2	36.1	54.1
79	43.8	36.2	54.4

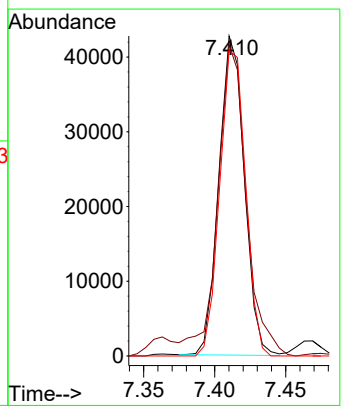


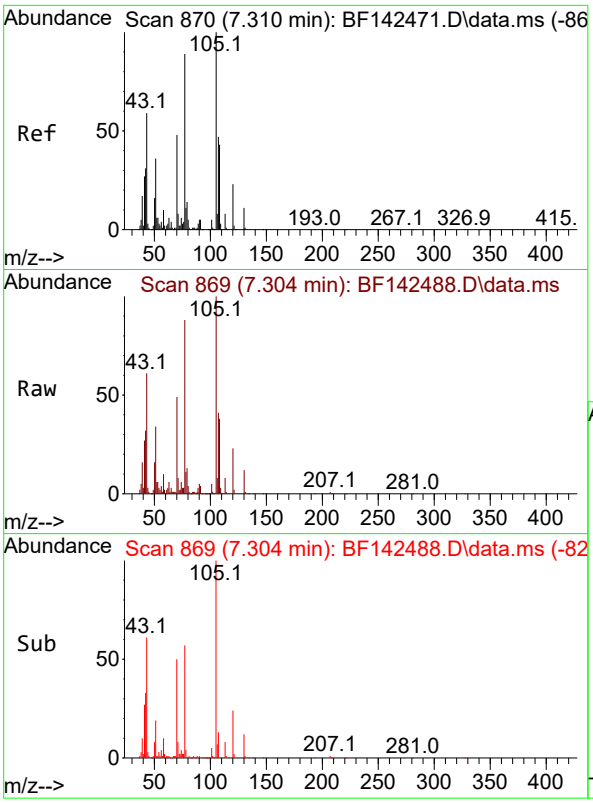


#18
Hexachloroethane
Concen: 39.204 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:117 Resp: 53195

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.6	114.8
201	95.4	81.3	121.9



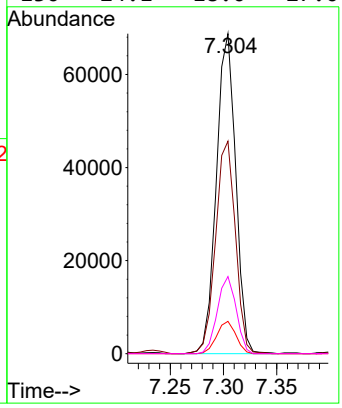


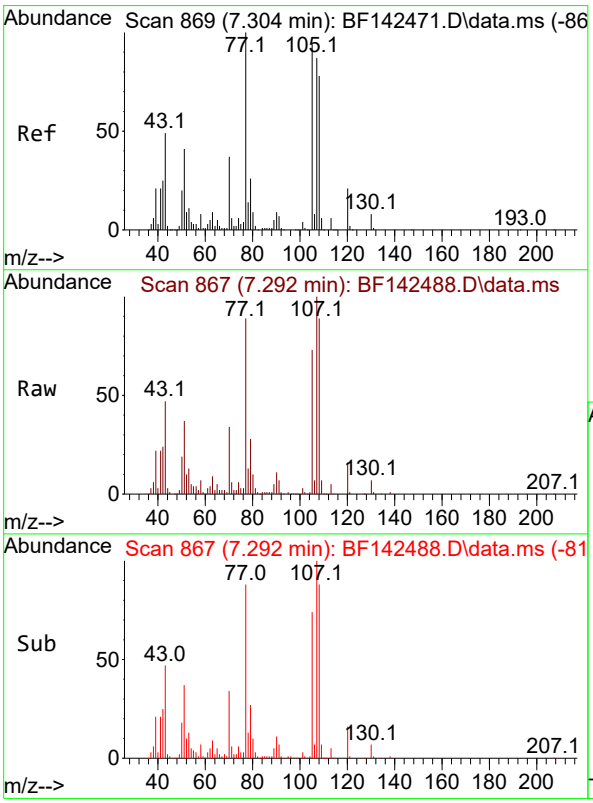
#19
n-Nitroso-di-n-propylamine
Concen: 36.631 ng
RT: 7.304 min Scan# 8
Delta R.T. -0.023 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 70 Resp: 86737

Ion	Ratio	Lower	Upper
70	100		
42	66.4	52.4	78.6
101	10.1	7.8	11.8
130	24.1	18.0	27.0

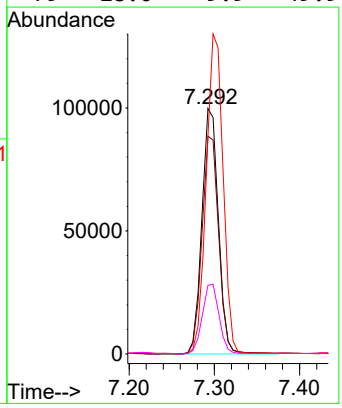


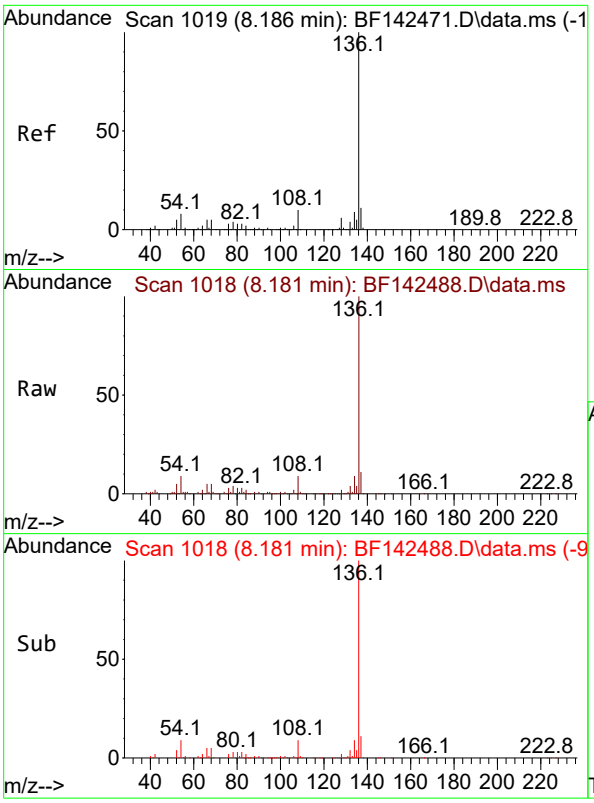


#20
3+4-Methylphenols
Concen: 38.800 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:107 Resp: 134110

Ion	Ratio	Lower	Upper
107	100		
108	88.7	70.4	110.4
77	88.8	95.4	135.4#
79	28.0	9.9	49.9



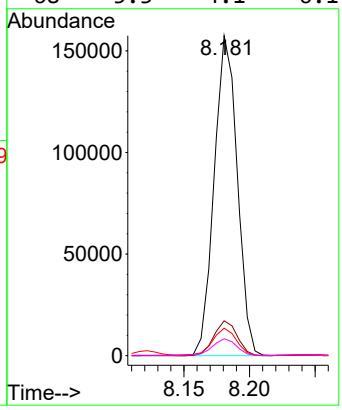


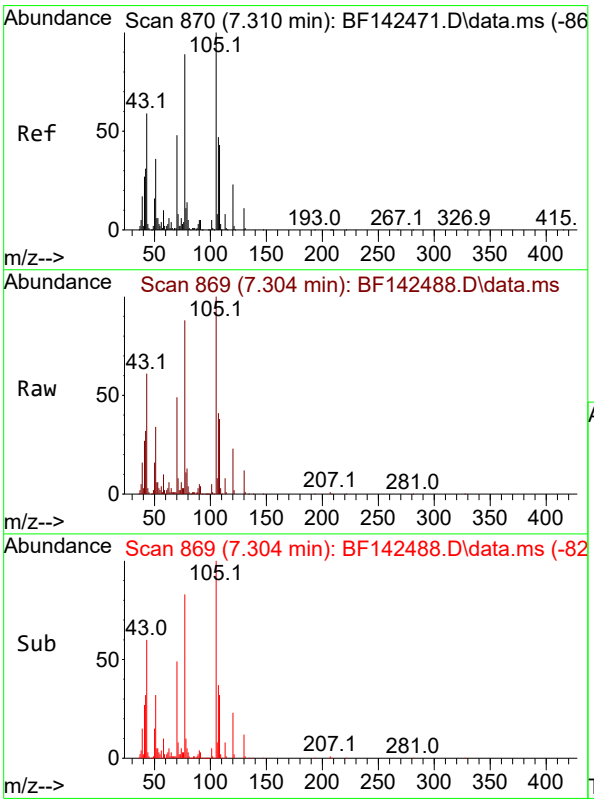
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:136 Resp: 192497

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.6	6.6	10.0
68	5.3	4.1	6.1

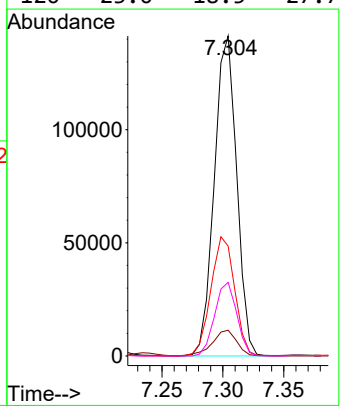


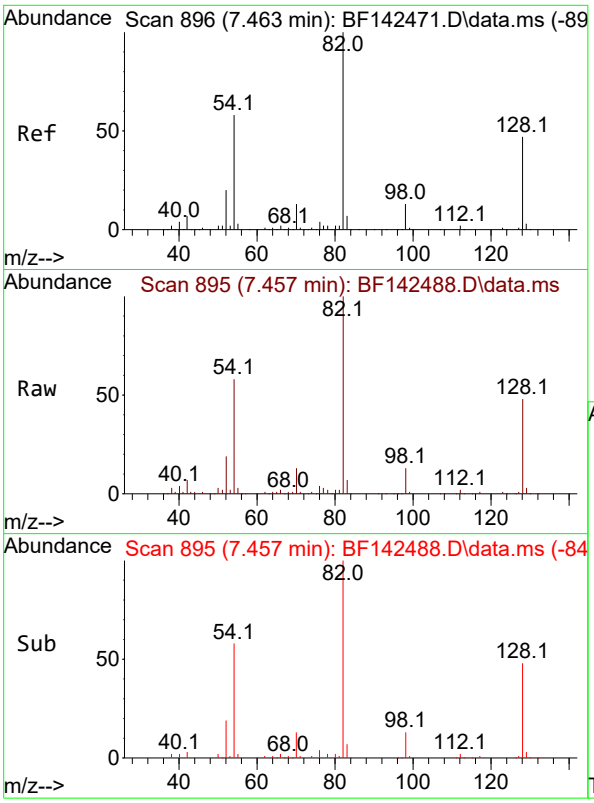


#22
Acetophenone
Concen: 42.510 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:105 Resp: 181145

Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.4	9.6
51	34.3	28.6	42.8
120	23.0	18.5	27.7



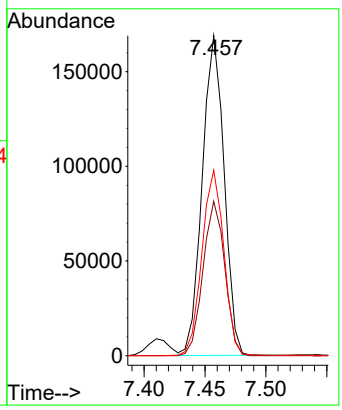


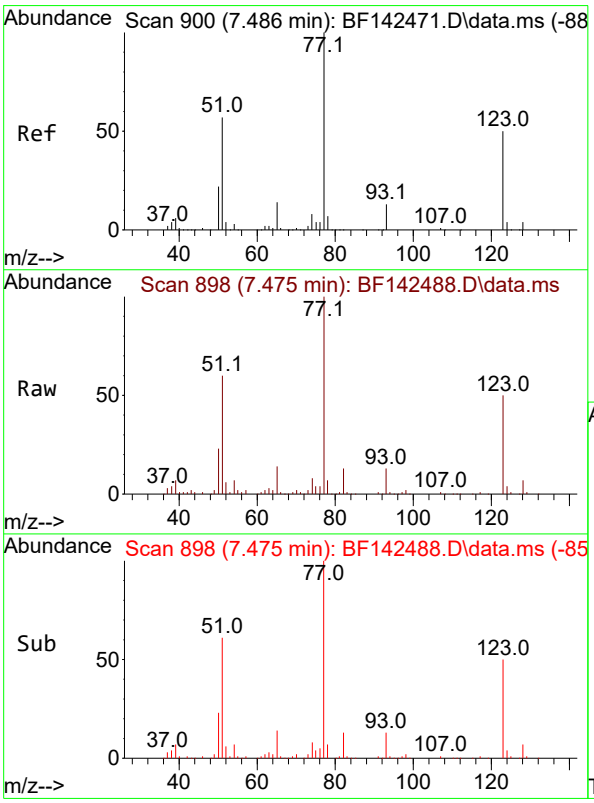
#23
Nitrobenzene-d5
Concen: 59.553 ng
RT: 7.457 min Scan# 8
Delta R.T. -0.017 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 82 Resp: 210235

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.4	56.2
54	58.0	46.6	70.0

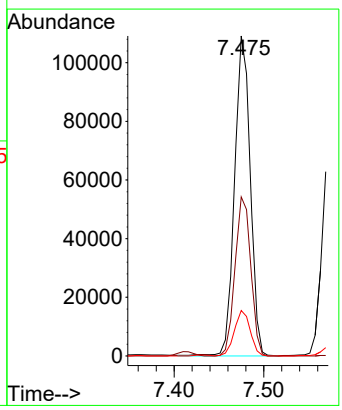


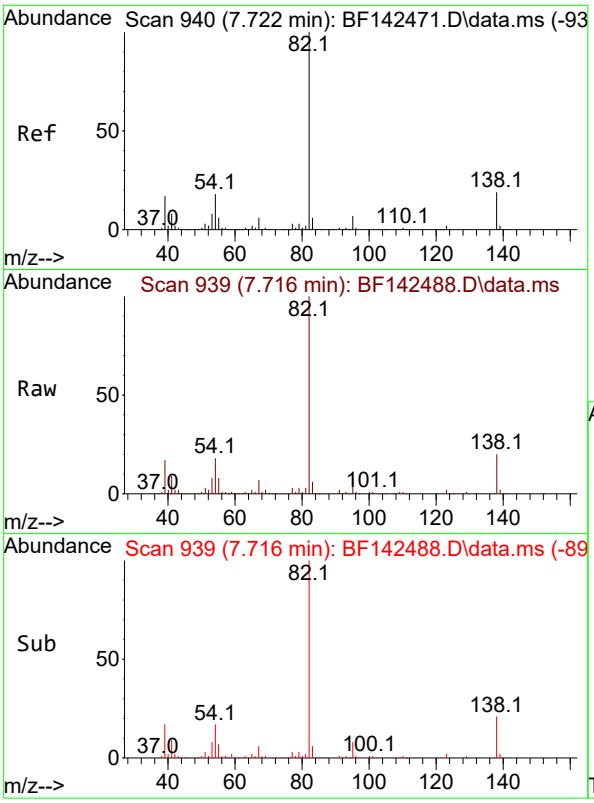


#24
Nitrobenzene
Concen: 41.719 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 77 Resp: 132830

Ion	Ratio	Lower	Upper
77	100		
123	49.7	40.6	61.0
65	14.2	11.4	17.2



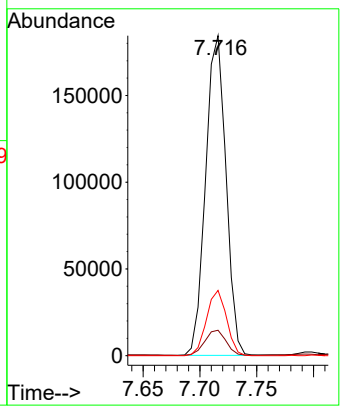


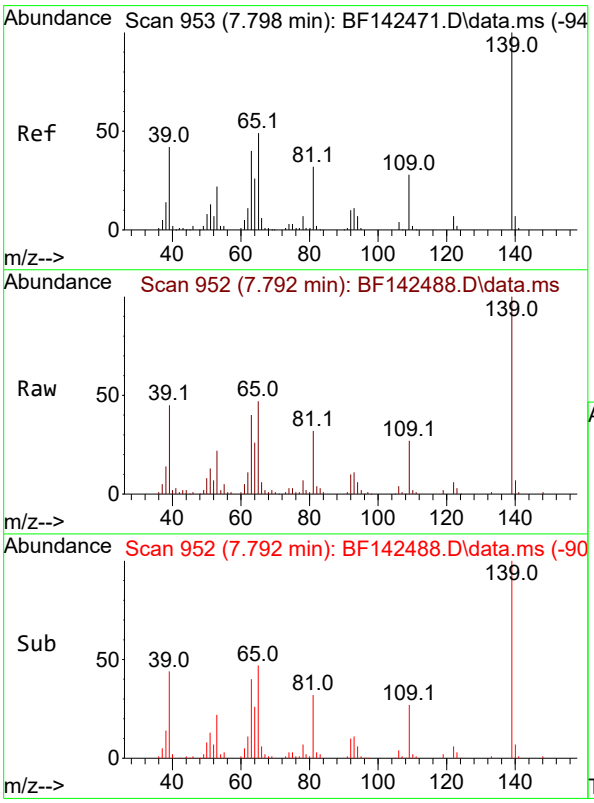
#25
Isophorone
Concen: 38.979 ng
RT: 7.716 min Scan# 9
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 82 Resp: 230066

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.0	9.0
138	20.4	15.5	23.3

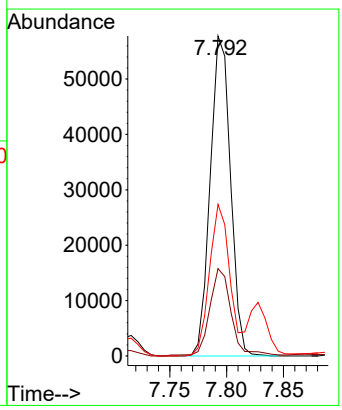


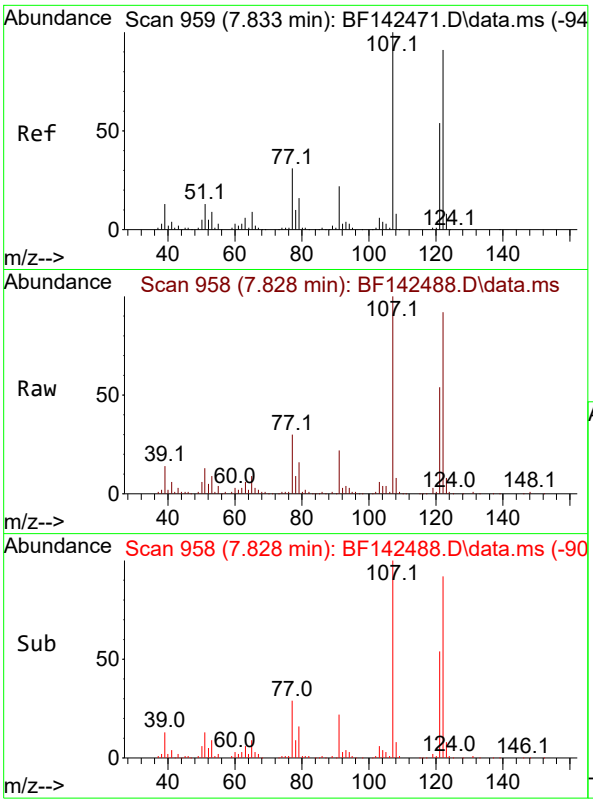


#26
2-Nitrophenol
Concen: 42.161 ng
RT: 7.792 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:139 Resp: 71728

Ion	Ratio	Lower	Upper
139	100		
109	27.3	22.6	33.8
65	47.3	39.4	59.0



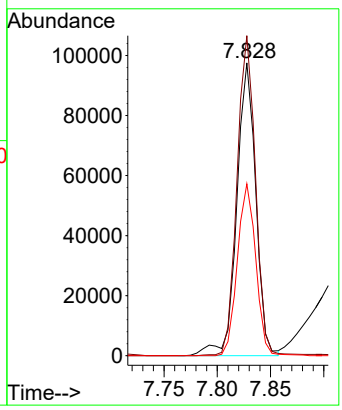


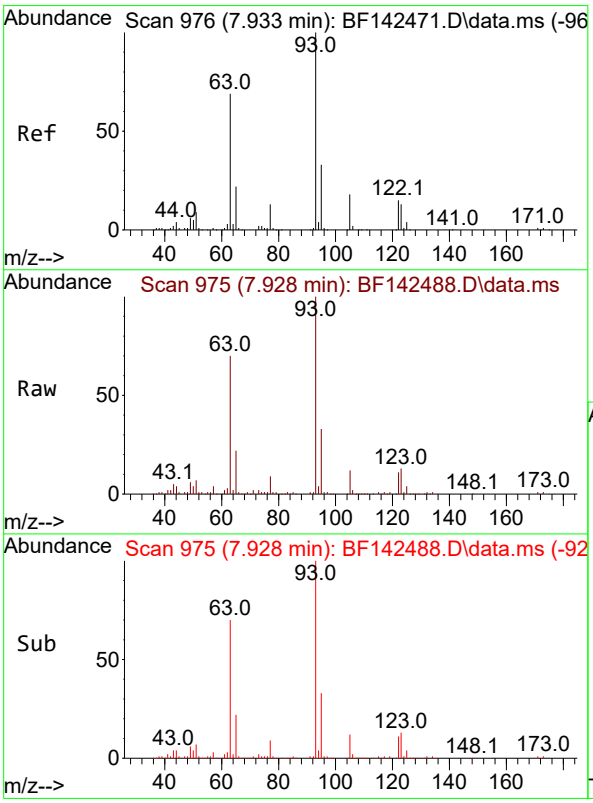
#27
2,4-Dimethylphenol
Concen: 40.517 ng
RT: 7.828 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:122 Resp: 121560

Ion	Ratio	Lower	Upper
122	100		
107	109.3	88.1	132.1
121	58.7	47.3	70.9

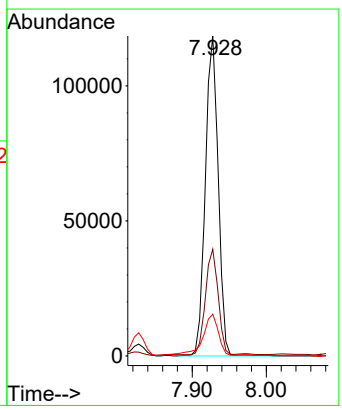


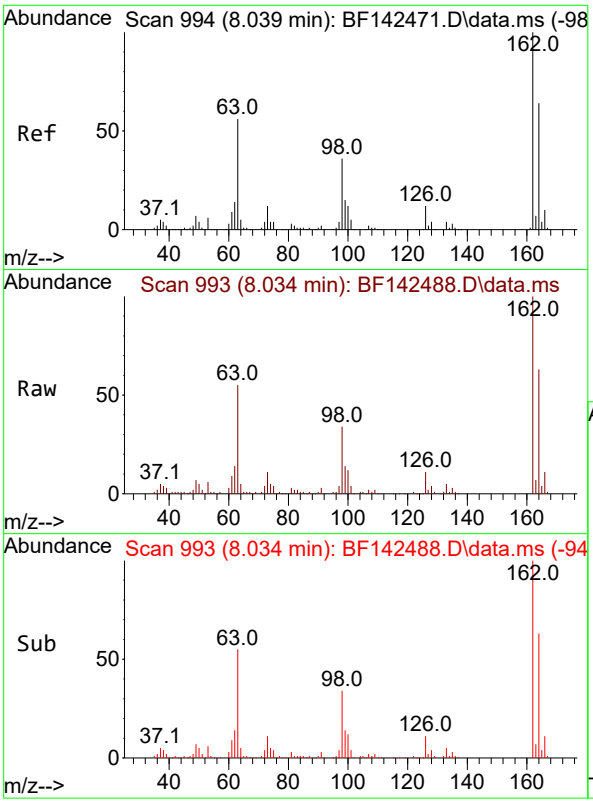


#28
bis(2-Chloroethoxy)methane
Concen: 38.766 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 93 Resp: 142931

Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.4	39.6
123	13.1	10.6	15.8



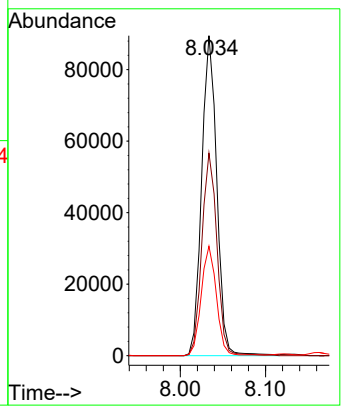


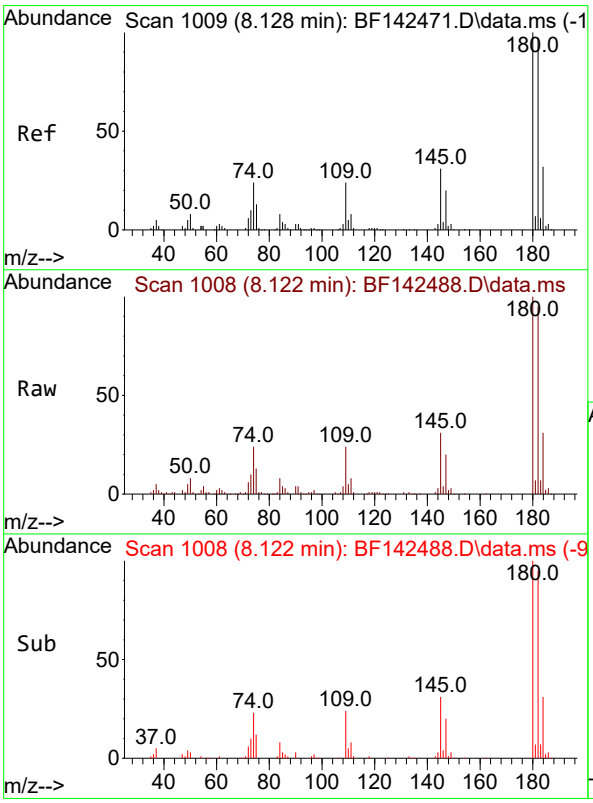
#29
2,4-Dichlorophenol
Concen: 40.402 ng
RT: 8.034 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:162 Resp: 110236

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.7	83.7
98	34.2	15.5	55.5

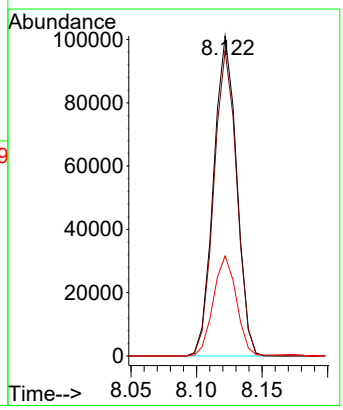


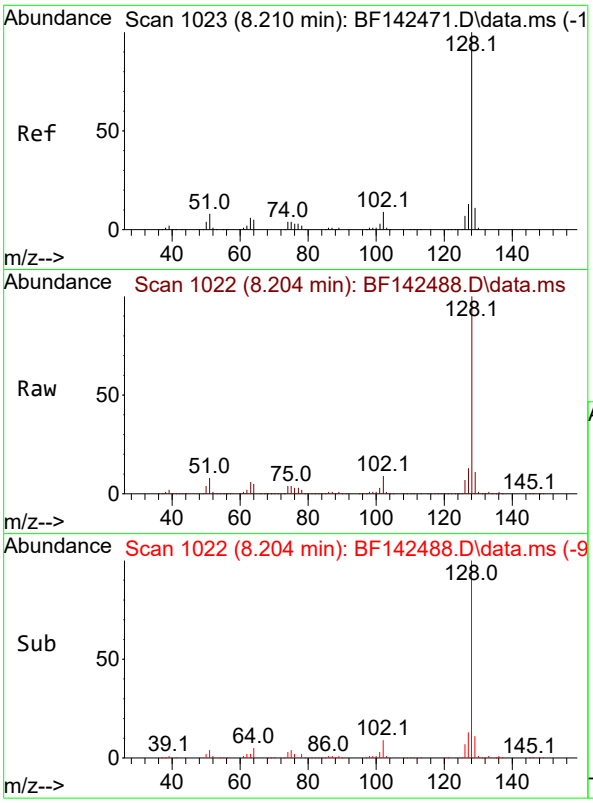


#30
1,2,4-Trichlorobenzene
Concen: 41.617 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:180 Resp: 123234

Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.0	117.0
145	31.3	25.0	37.6



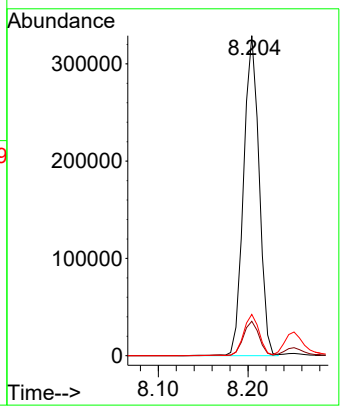


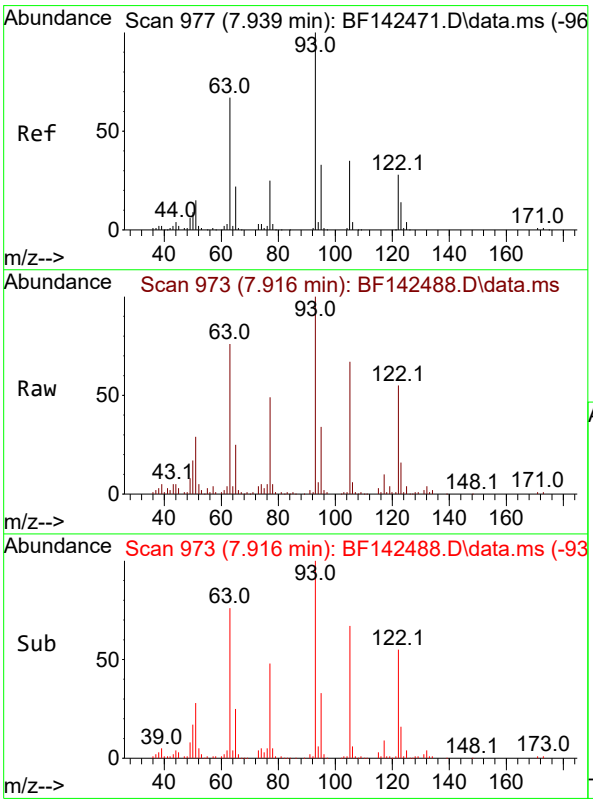
#31
Naphthalene
Concen: 41.641 ng
RT: 8.204 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:128 Resp: 394689

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.5	15.7

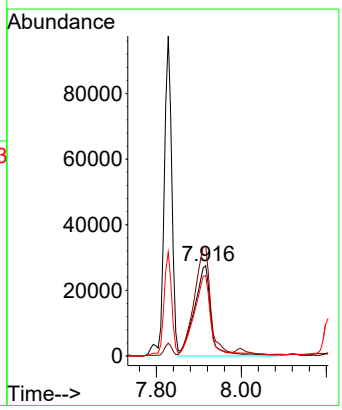


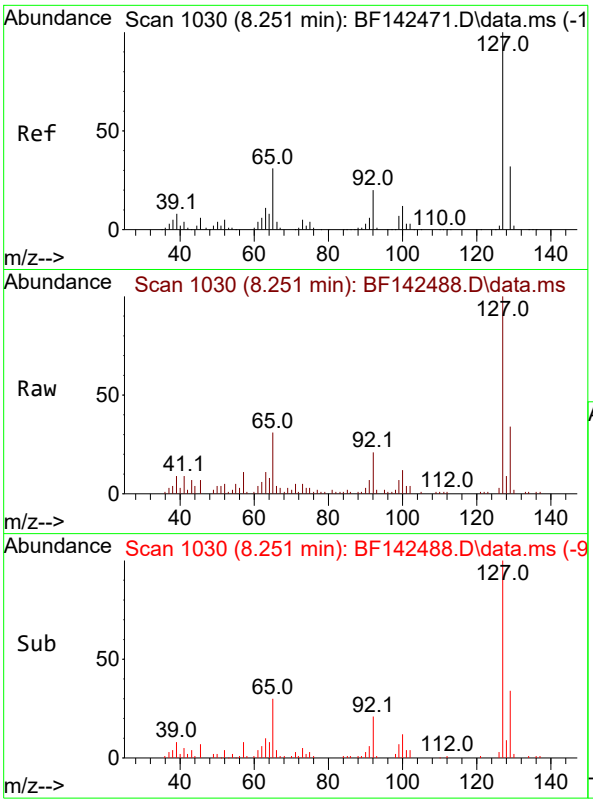


#32
Benzoic acid
Concen: 41.396 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.059 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:122 Resp: 75602

Ion	Ratio	Lower	Upper
122	100		
105	121.4	101.7	141.7
77	89.0	69.5	109.5



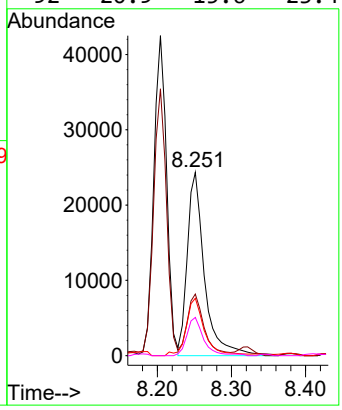


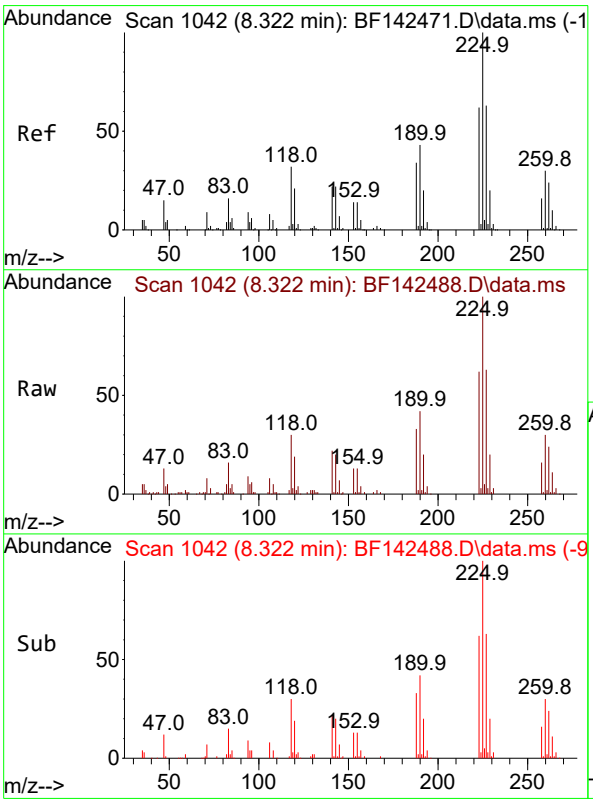
#33
4-Chloroaniline
Concen: 10.289 ng
RT: 8.251 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:127 Resp: 39518

Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.1	39.1
65	31.3	24.9	37.3
92	20.9	15.6	23.4

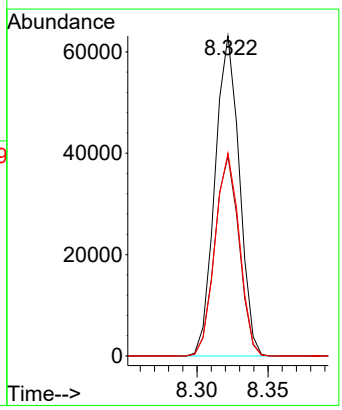


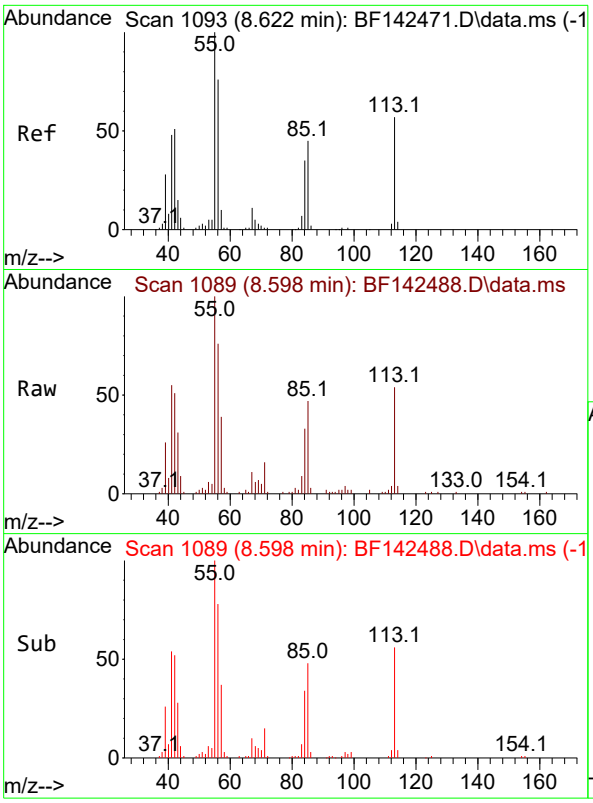


#34
Hexachlorobutadiene
Concen: 40.670 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:225 Resp: 75196

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	63.4	50.3	75.5



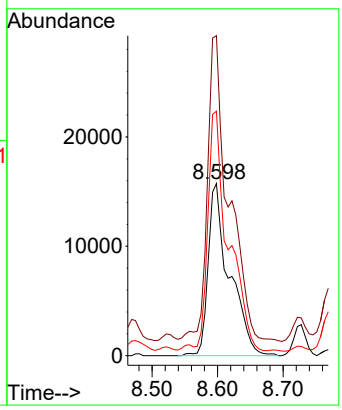


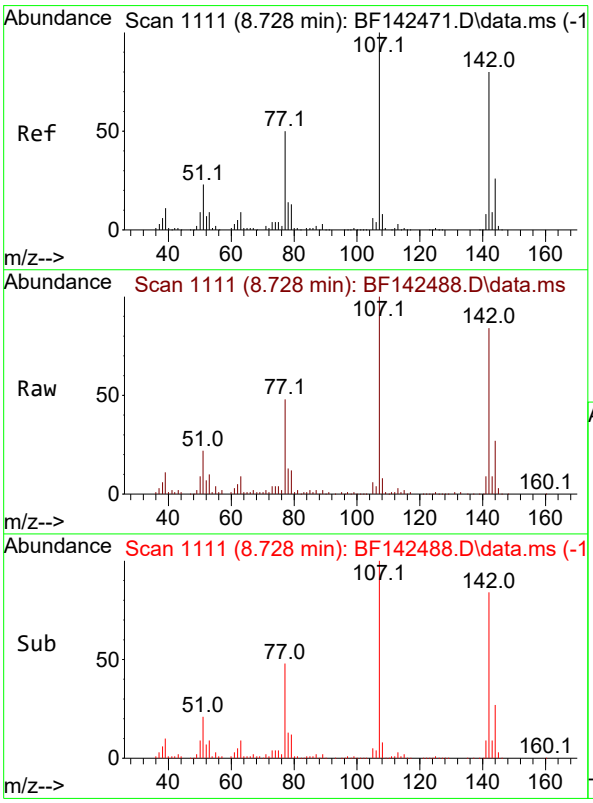
#35
Caprolactam
Concen: 46.294 ng
RT: 8.598 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:113 Resp: 35475

Ion	Ratio	Lower	Upper
113	100		
55	185.9	154.7	194.7
56	142.0	113.2	153.2

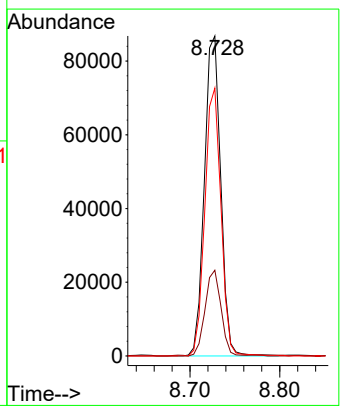


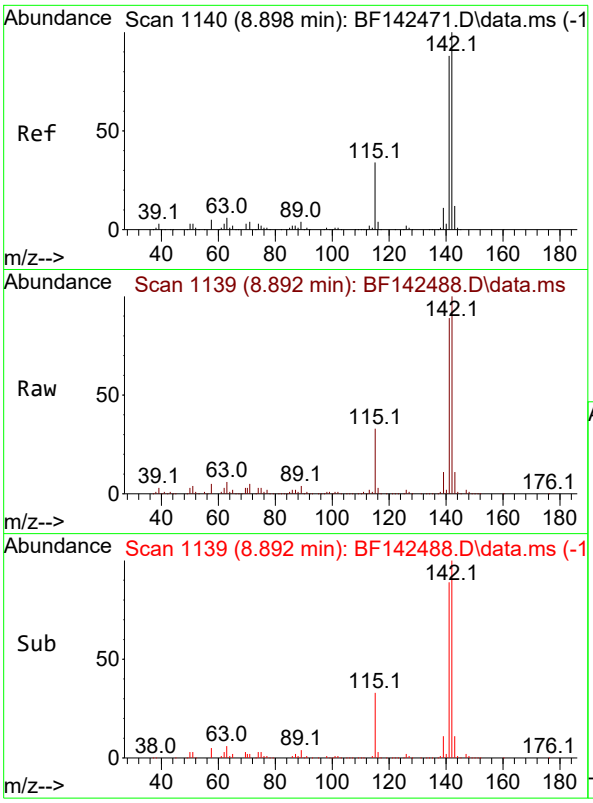


#36
4-Chloro-3-methylphenol
Concen: 39.271 ng
RT: 8.728 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:107 Resp: 109810

Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.9	31.3
142	83.7	64.2	96.2



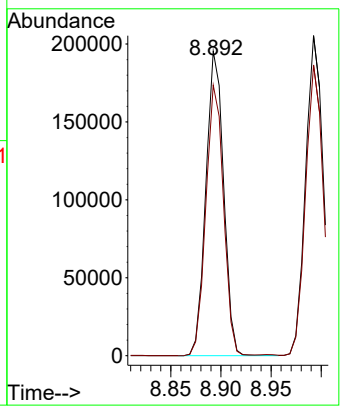


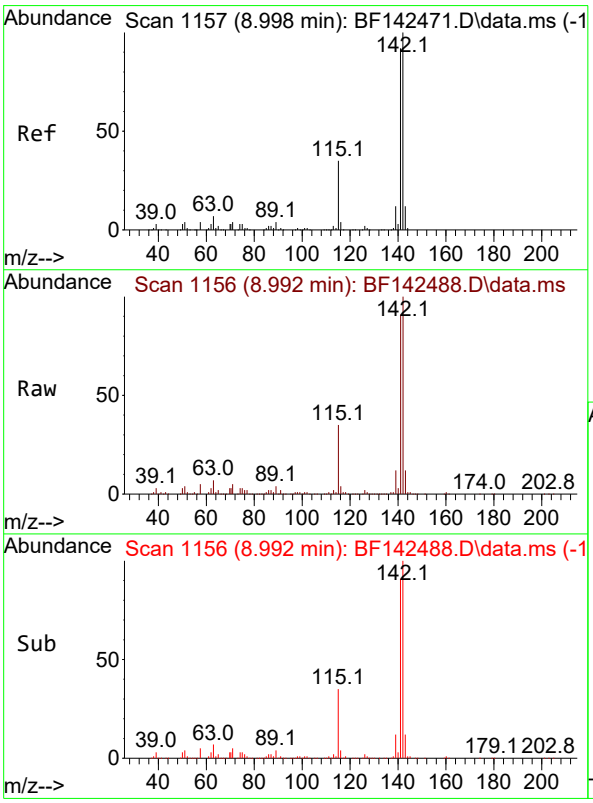
#37
2-Methylnaphthalene
Concen: 40.339 ng
RT: 8.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:142 Resp: 240543

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.7	106.1

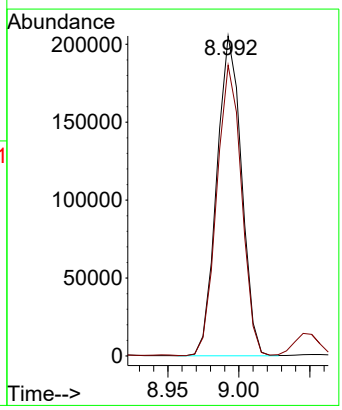


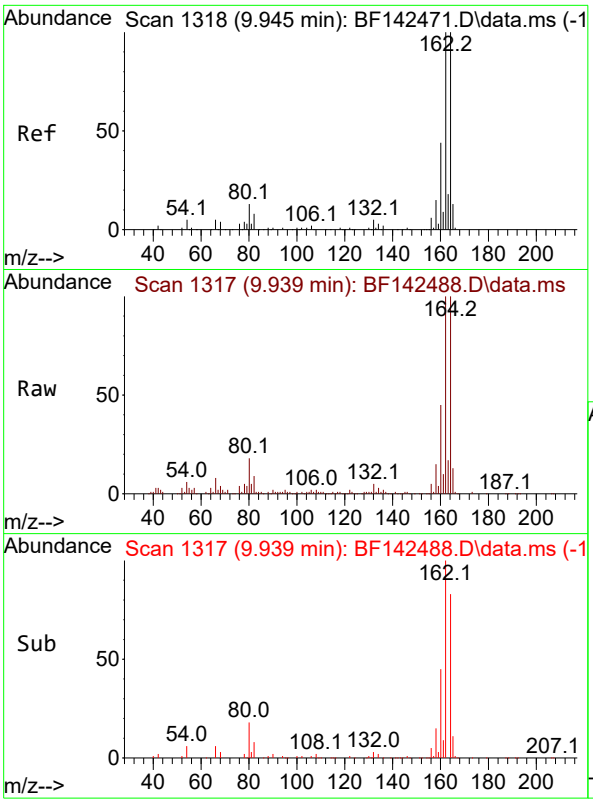


#38
1-Methylnaphthalene
Concen: 40.280 ng
RT: 8.992 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:142 Resp: 248451

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.2



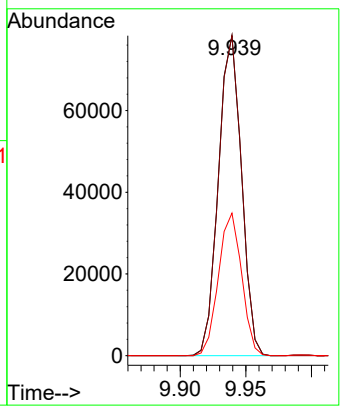


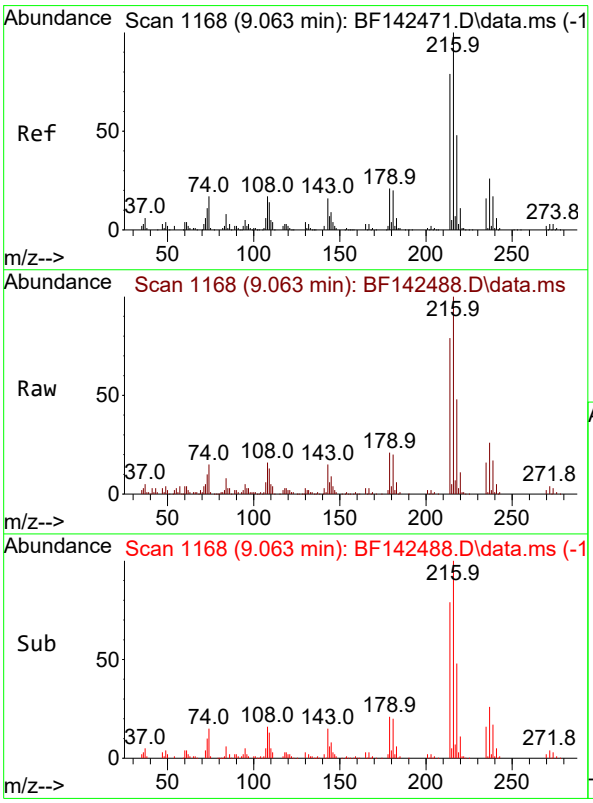
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:164 Resp: 95696

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.4
160	44.5	35.6	53.4

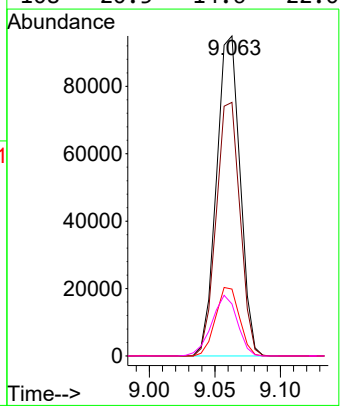


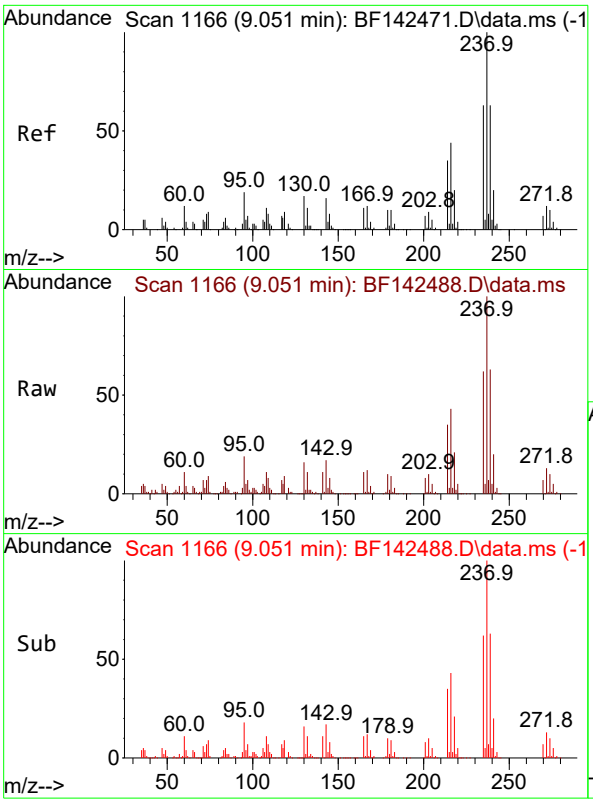


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.238 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:216 Resp: 118777

Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.9	94.3
179	21.6	16.9	25.3
108	20.5	14.6	22.0



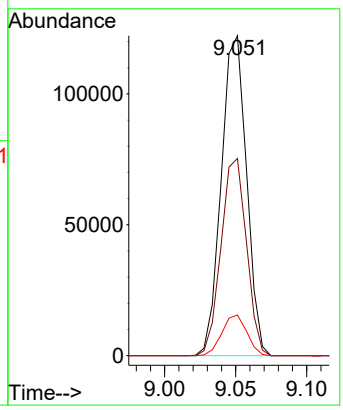


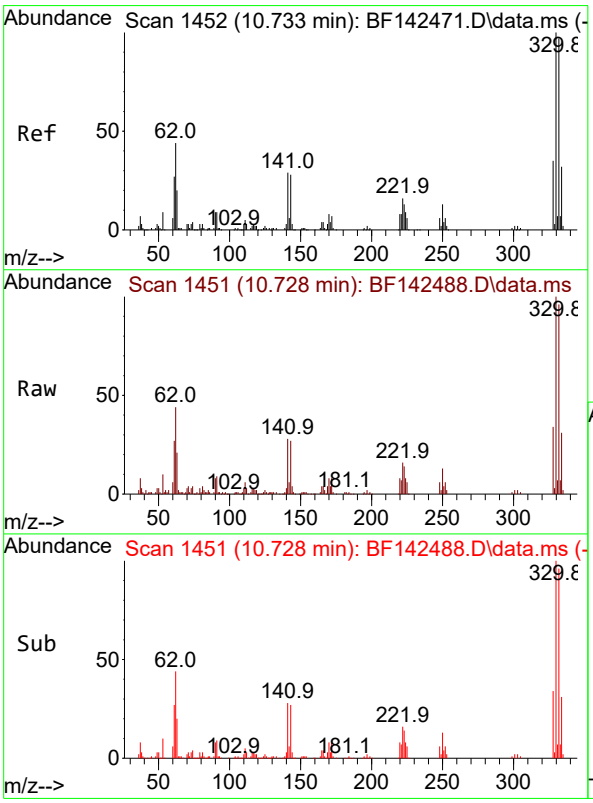
#41
Hexachlorocyclopentadiene
Concen: 81.543 ng
RT: 9.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:237 Resp: 151109

Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.3	83.3
272	12.7	0.0	32.4

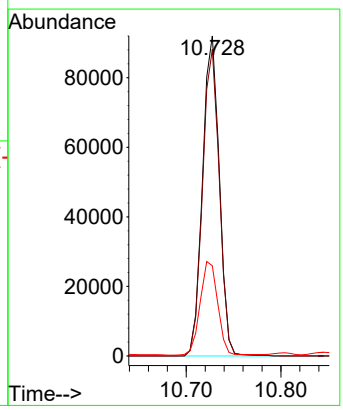


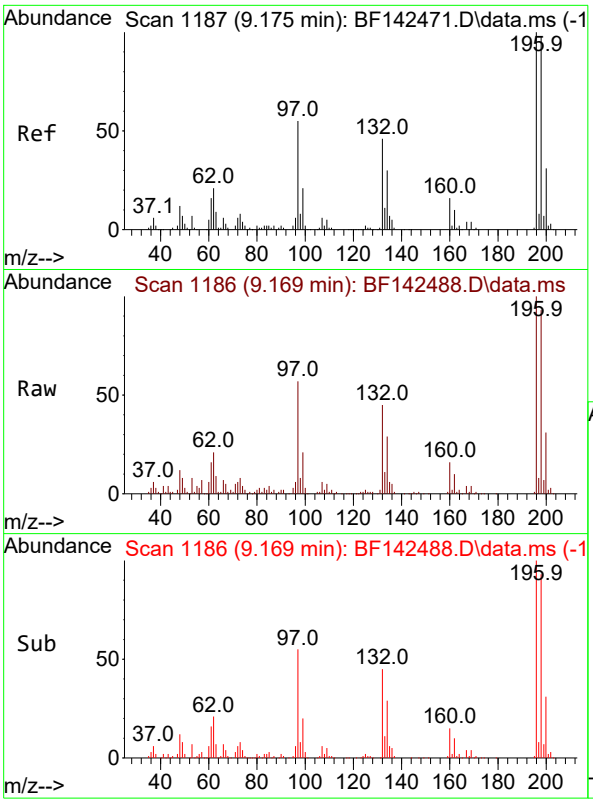


#42
2,4,6-Tribromophenol
Concen: 106.424 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:330 Resp: 113033

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.6	116.4
141	30.7	24.6	36.8



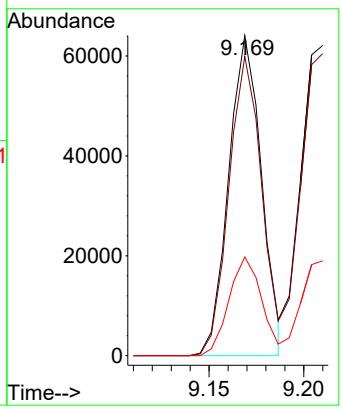


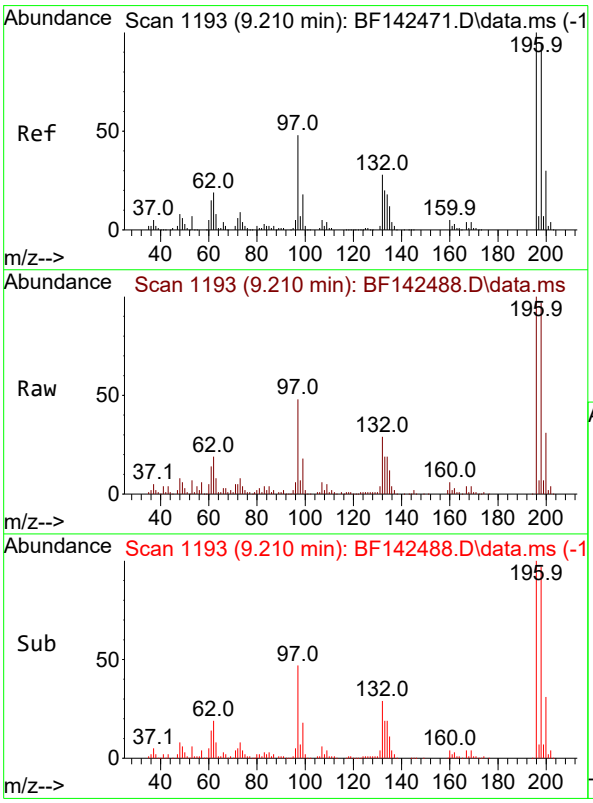
#43
2,4,6-Trichlorophenol
Concen: 41.683 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:196 Resp: 77212

Ion	Ratio	Lower	Upper
196	100		
198	93.5	78.8	118.2
200	30.8	24.9	37.3

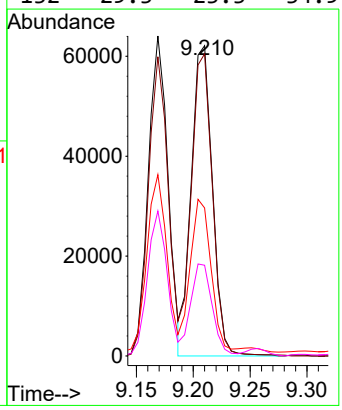


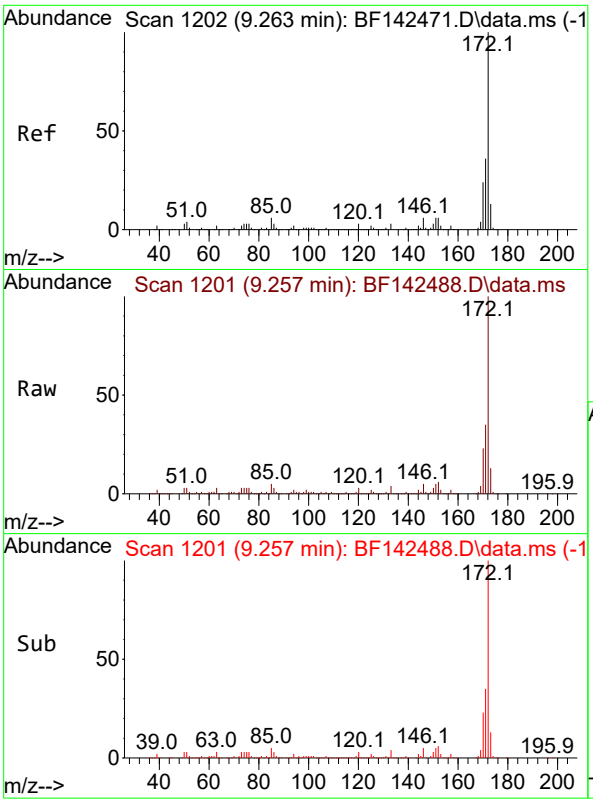


#44
2,4,5-Trichlorophenol
Concen: 41.359 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:196 Resp: 80798

Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.5	113.3
97	47.7	39.3	58.9
132	29.3	23.3	34.9



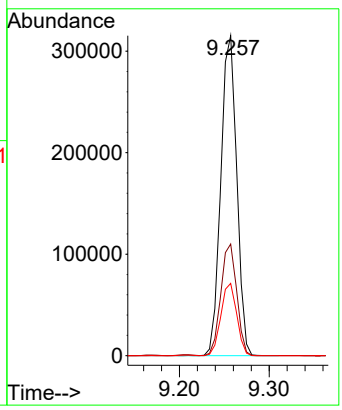


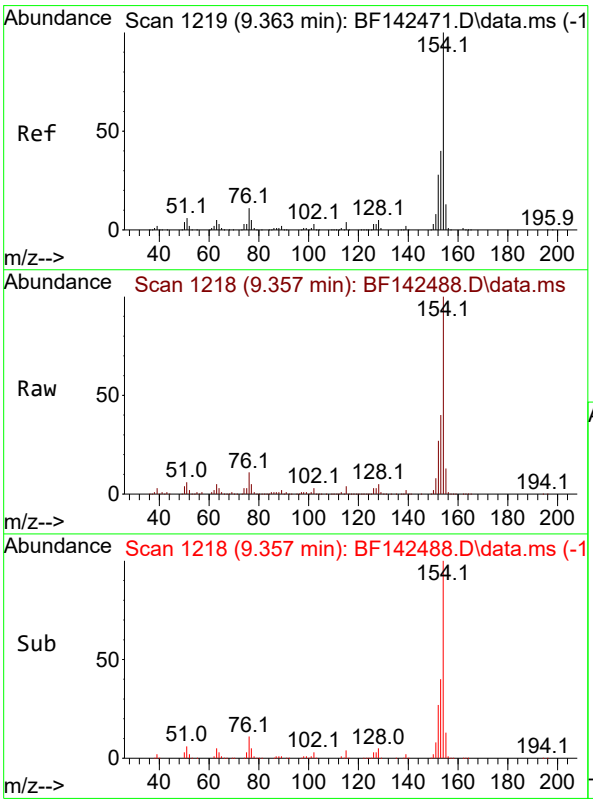
#45
2-Fluorobiphenyl
Concen: 54.441 ng
RT: 9.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:172 Resp: 388254

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	22.6	18.9	28.3

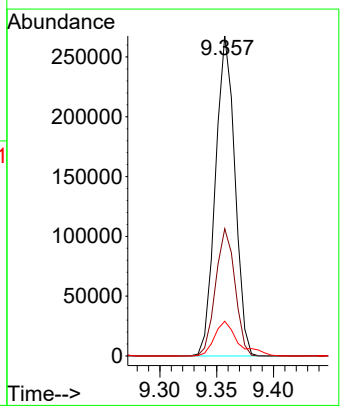


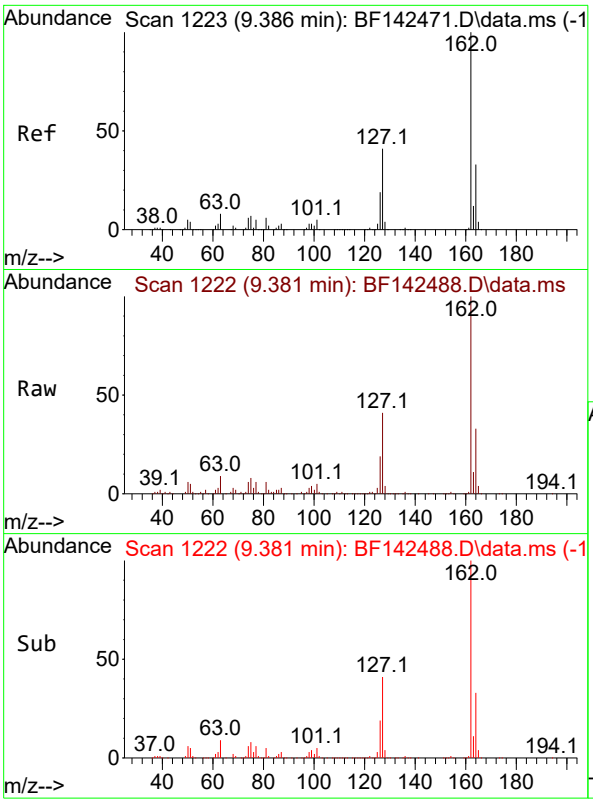


#46
1,1'-Biphenyl
Concen: 42.896 ng
RT: 9.357 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:154 Resp: 318472

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.4	60.4
76	10.8	0.0	30.8



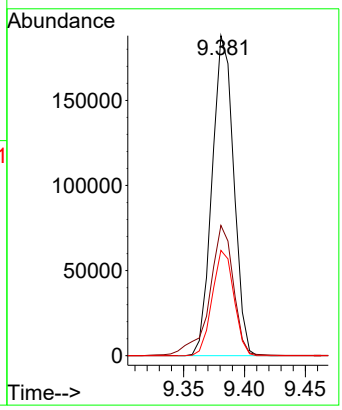


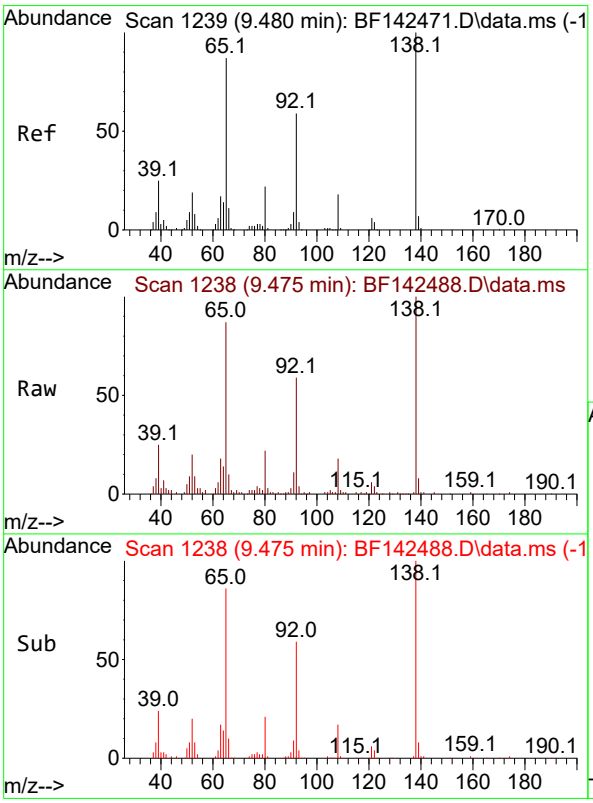
#47
2-Chloronaphthalene
Concen: 42.360 ng
RT: 9.381 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:162 Resp: 232356

Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.5	50.3
164	32.9	26.1	39.1

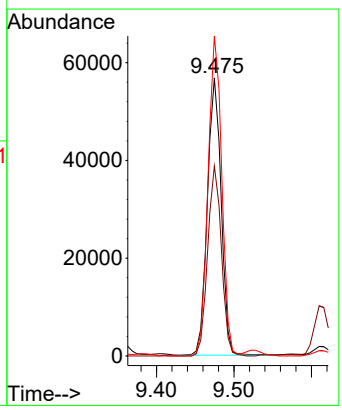


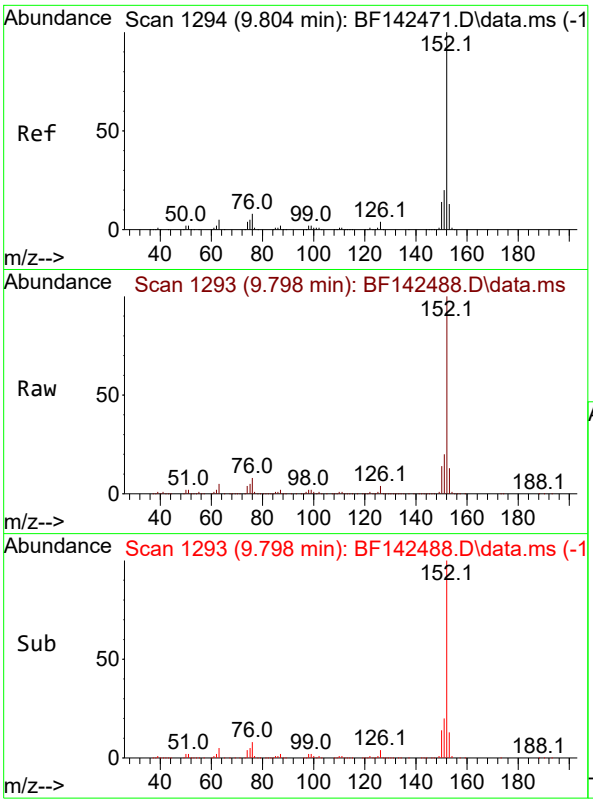


#48
2-Nitroaniline
Concen: 44.071 ng
RT: 9.475 min Scan# 1238
Delta R.T. -0.011 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion: 65 Resp: 69874

Ion	Ratio	Lower	Upper
65	100		
92	68.3	54.4	81.6
138	115.1	91.4	137.2



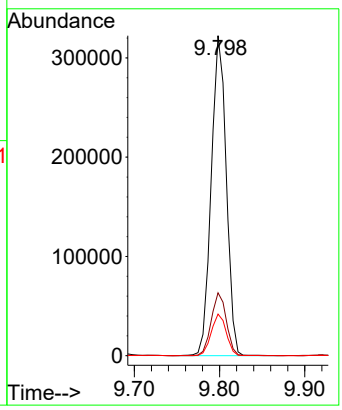


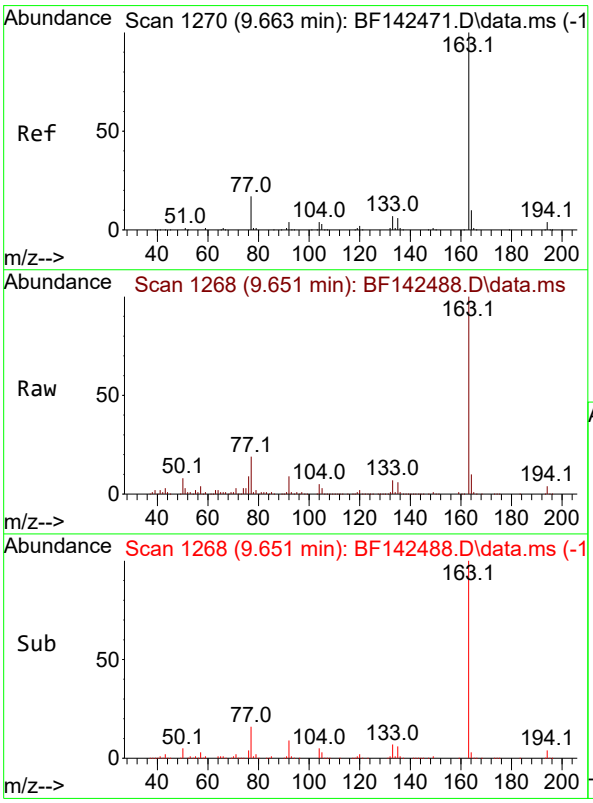
#49
Acenaphthylene
Concen: 42.817 ng
RT: 9.798 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:152 Resp: 396591

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.0	10.6	15.8

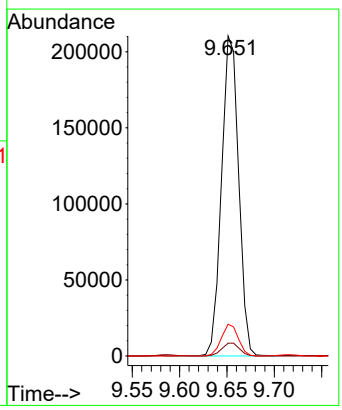


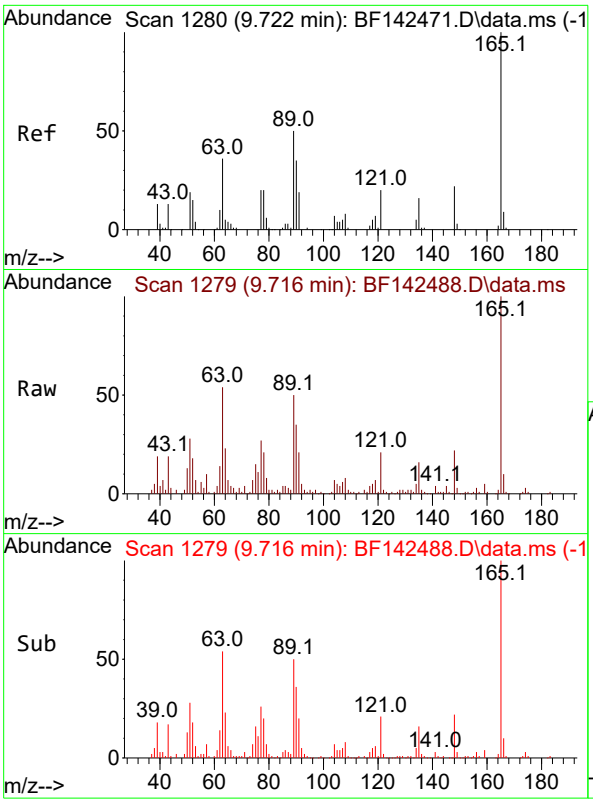


#50
Dimethylphthalate
Concen: 42.027 ng
RT: 9.651 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:163 Resp: 265370

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.9	8.2	12.4



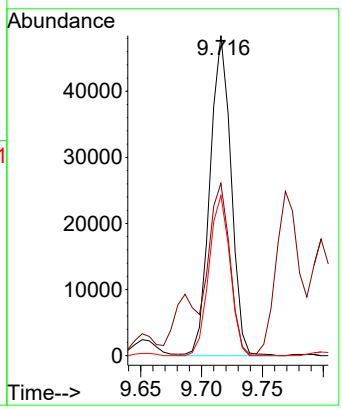


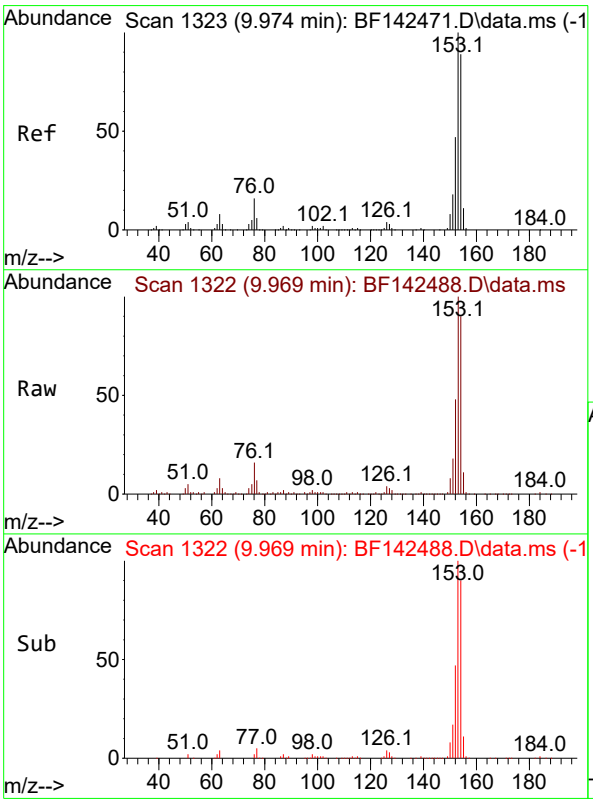
#51
2,6-Dinitrotoluene
Concen: 42.790 ng
RT: 9.716 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:165 Resp: 58315

Ion	Ratio	Lower	Upper
165	100		
63	53.8	42.9	64.3
89	50.1	40.2	60.4

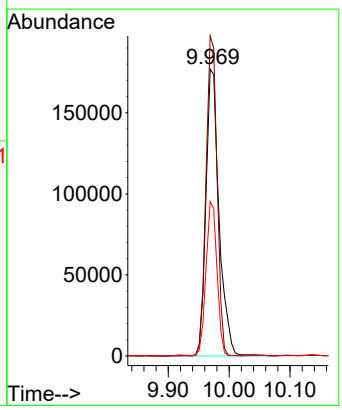


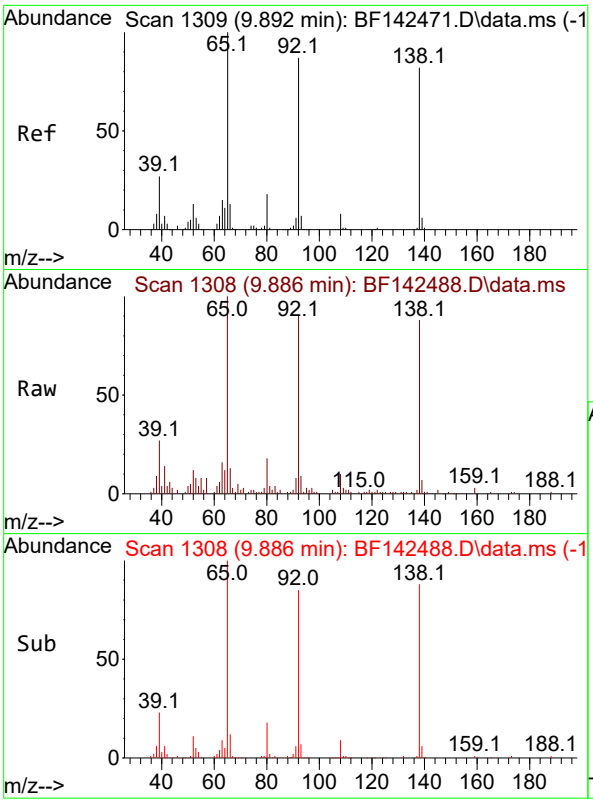


#52
Acenaphthene
Concen: 46.901 ng
RT: 9.969 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:154 Resp: 265263

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.0	135.0
152	53.8	42.6	64.0



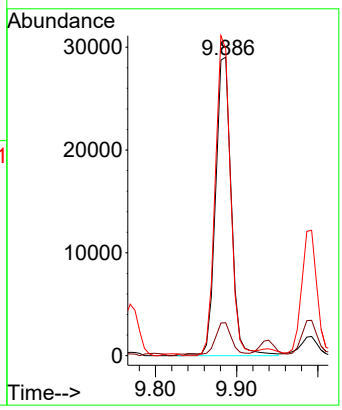


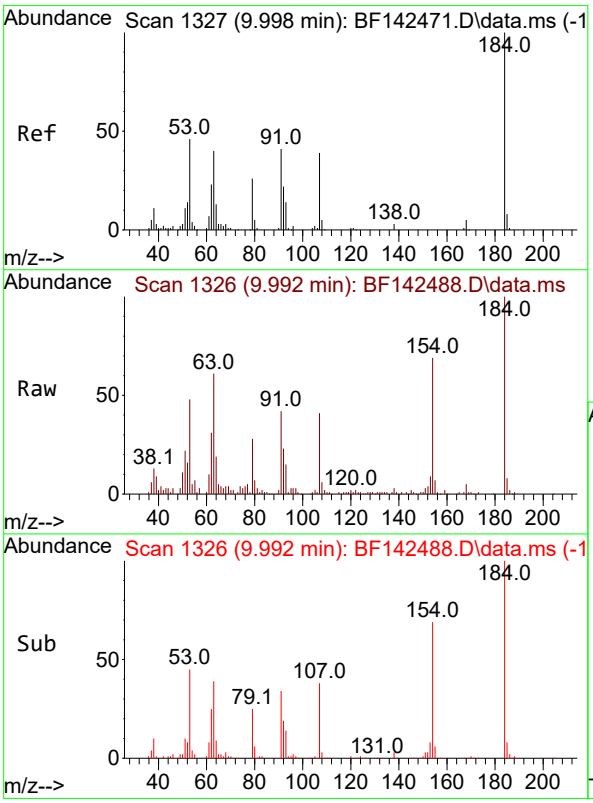
#53
3-Nitroaniline
Concen: 26.253 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:138 Resp: 39078

Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.1	12.1
92	102.7	85.2	127.8

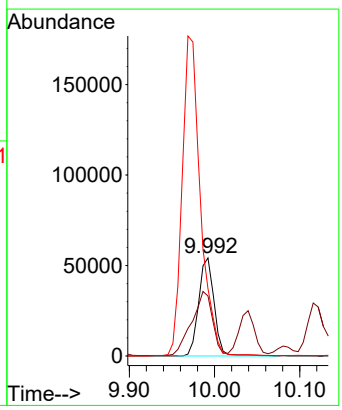


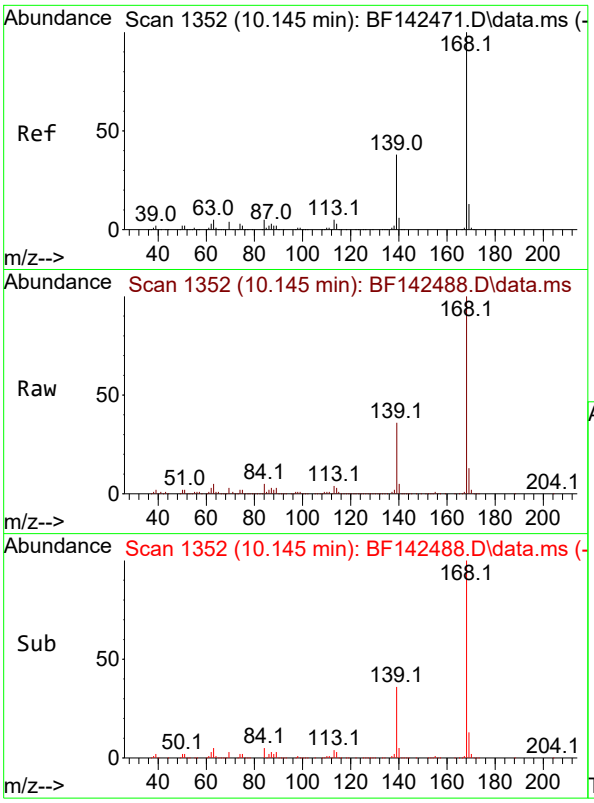


#54
2,4-Dinitrophenol
Concen: 96.781 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:184 Resp: 68143

Ion	Ratio	Lower	Upper
184	100		
63	61.2	46.3	69.5
154	68.6	56.8	85.2



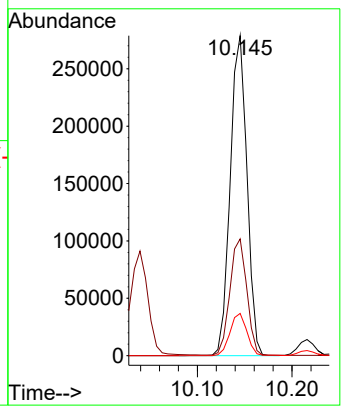


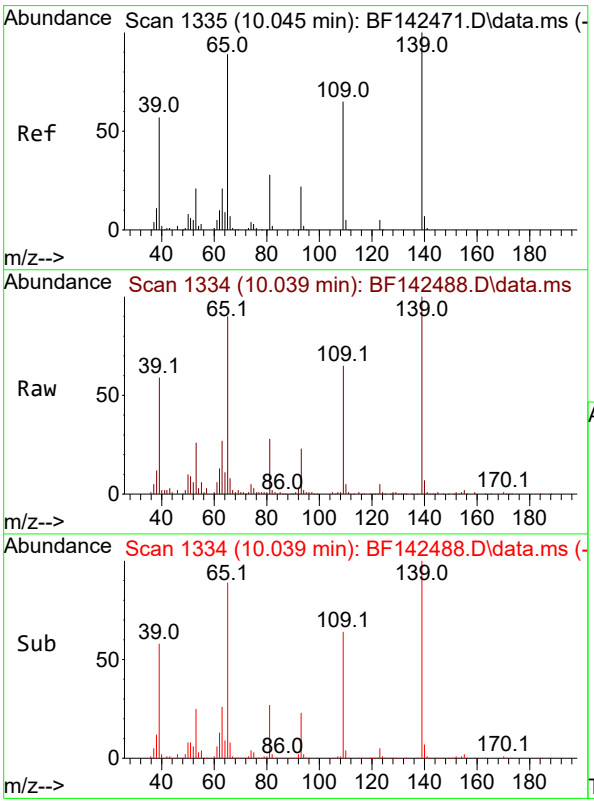
#55
Dibenzofuran
Concen: 42.059 ng
RT: 10.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:168 Resp: 342315

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.2
169	13.2	10.7	16.1

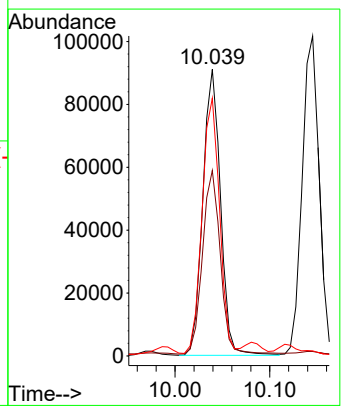


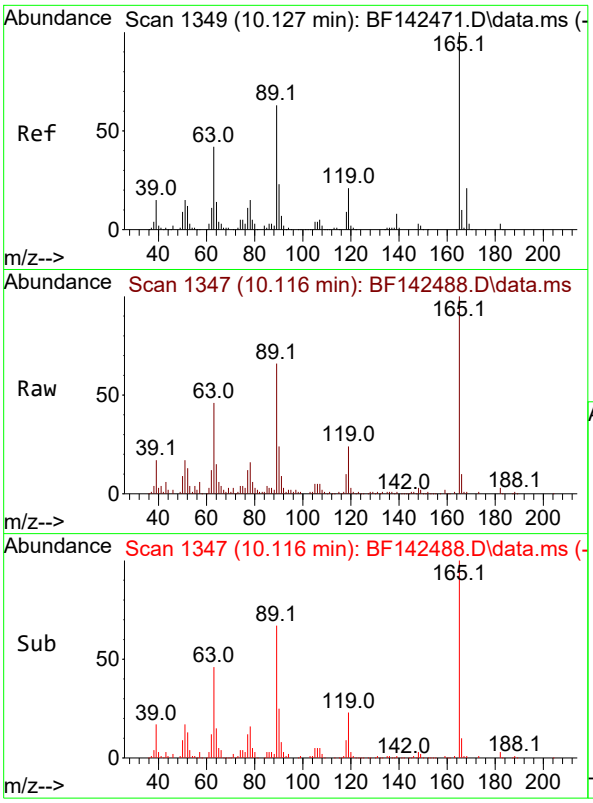


#56
4-Nitrophenol
Concen: 107.039 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:139 Resp: 117563

Ion	Ratio	Lower	Upper
139	100		
109	64.7	45.1	85.1
65	89.9	69.7	109.7



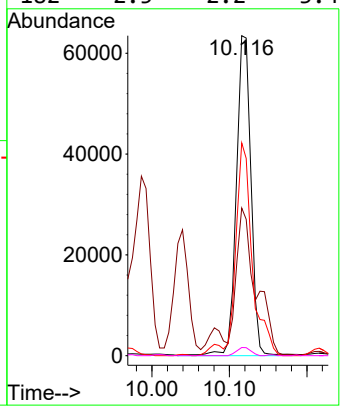


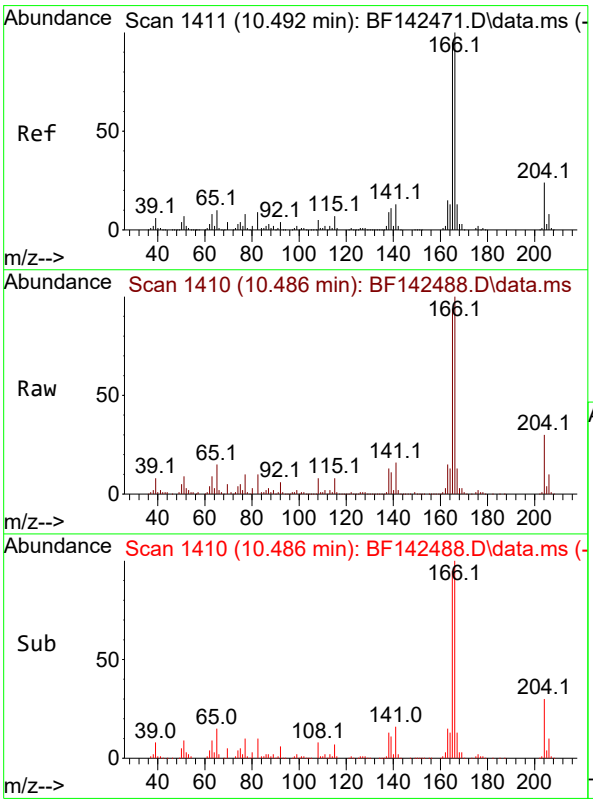
#57
2,4-Dinitrotoluene
Concen: 46.626 ng
RT: 10.116 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:165 Resp: 82986

Ion	Ratio	Lower	Upper
165	100		
63	46.2	33.6	50.4
89	66.5	50.2	75.4
182	2.5	2.2	3.4

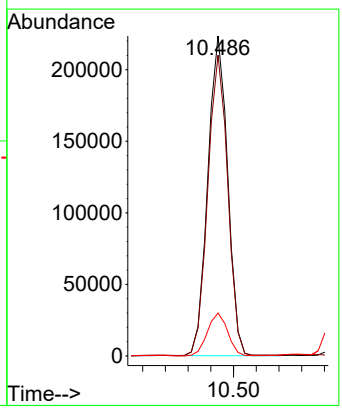


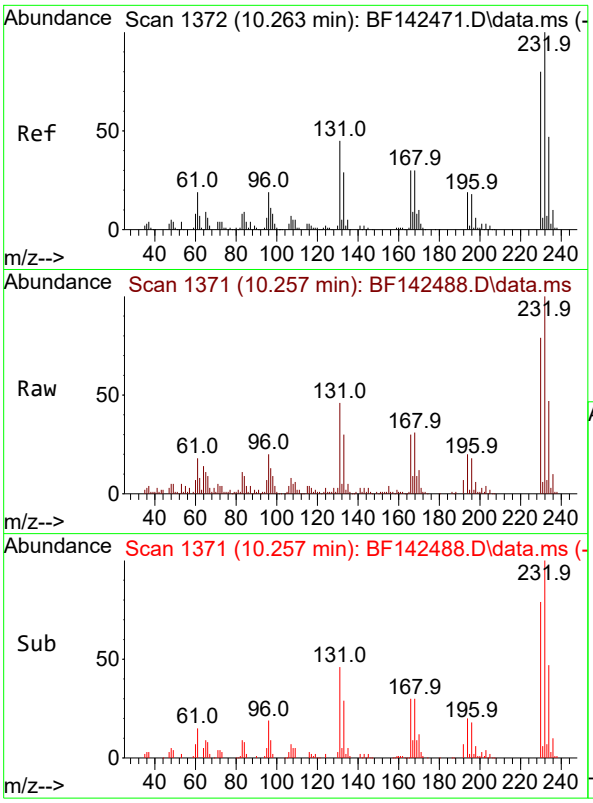


#58
Fluorene
Concen: 43.065 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:166 Resp: 270781

Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.8	113.8
167	13.4	10.6	16.0



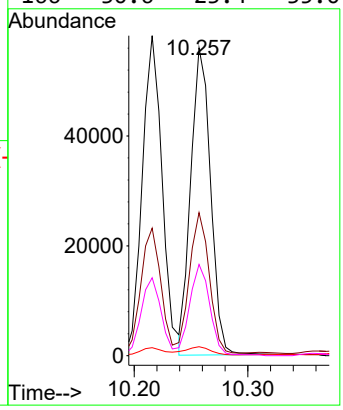


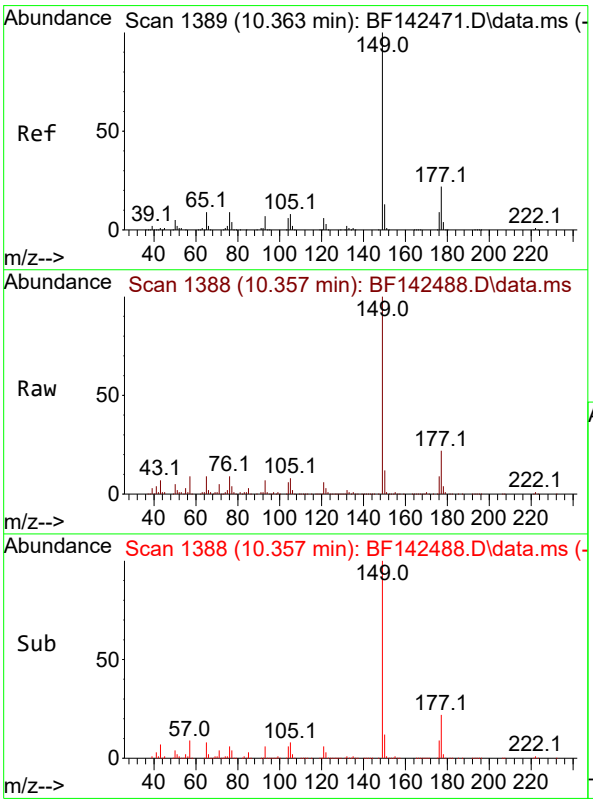
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.641 ng
RT: 10.257 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:232 Resp: 67912

Ion	Ratio	Lower	Upper
232	100		
131	45.8	35.2	52.8
130	4.1	1.7	2.5#
166	30.6	23.4	35.0

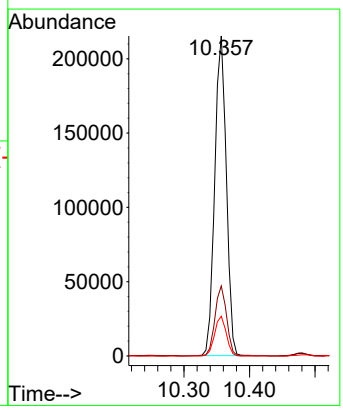


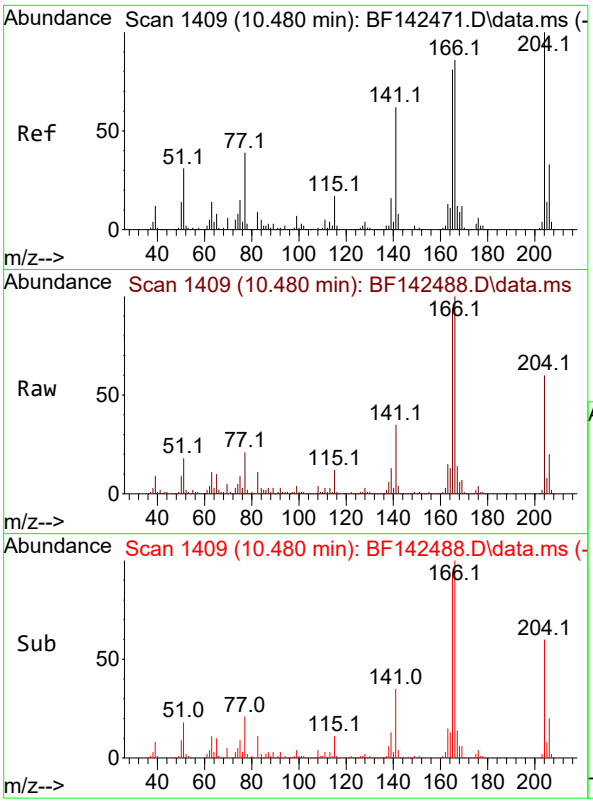


#60
Diethylphthalate
Concen: 42.650 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 263021

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	12.4	10.1	15.1



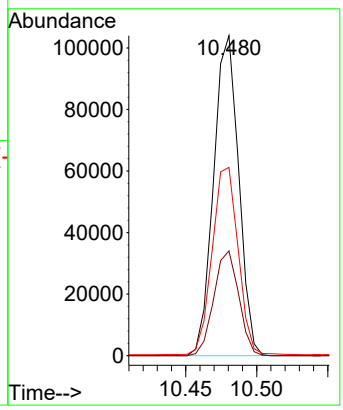


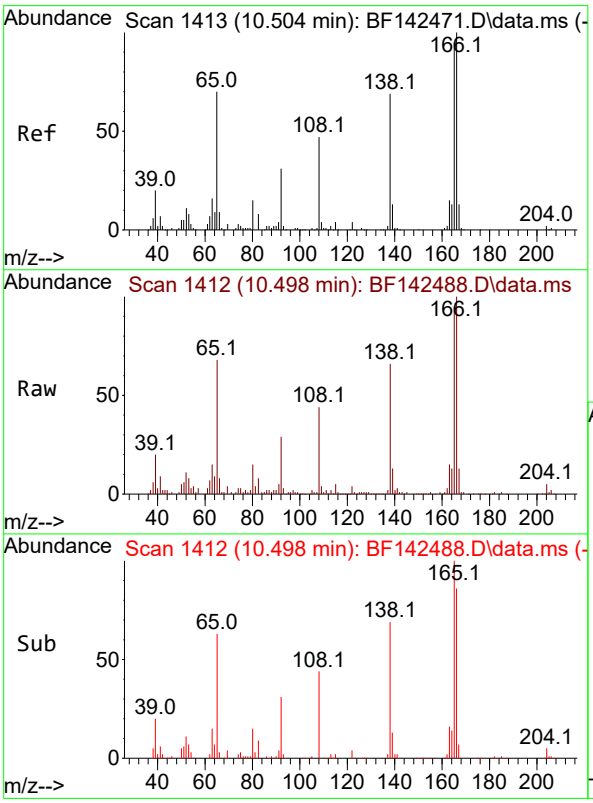
#61
4-Chlorophenyl-phenylether
Concen: 41.312 ng
RT: 10.480 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:204 Resp: 127605

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	58.8	49.5	74.3

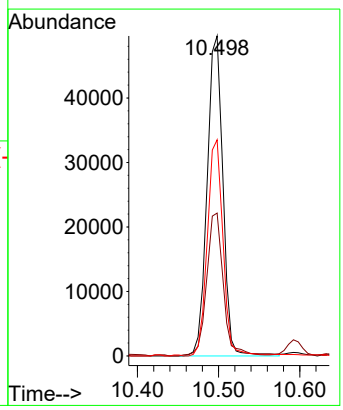


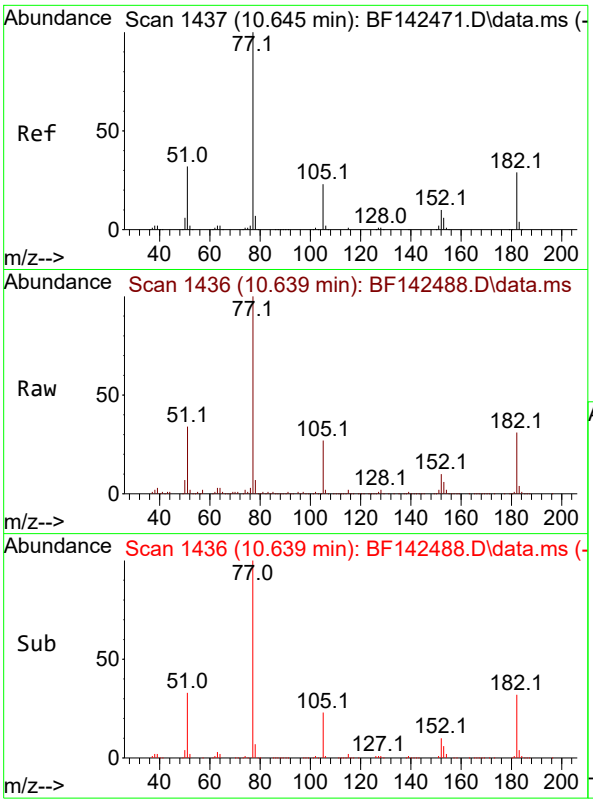


#62
4-Nitroaniline
Concen: 49.607 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:138 Resp: 66970

Ion	Ratio	Lower	Upper
138	100		
92	44.7	26.0	66.0
108	67.6	48.4	88.4



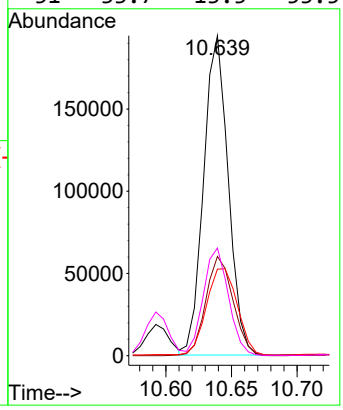


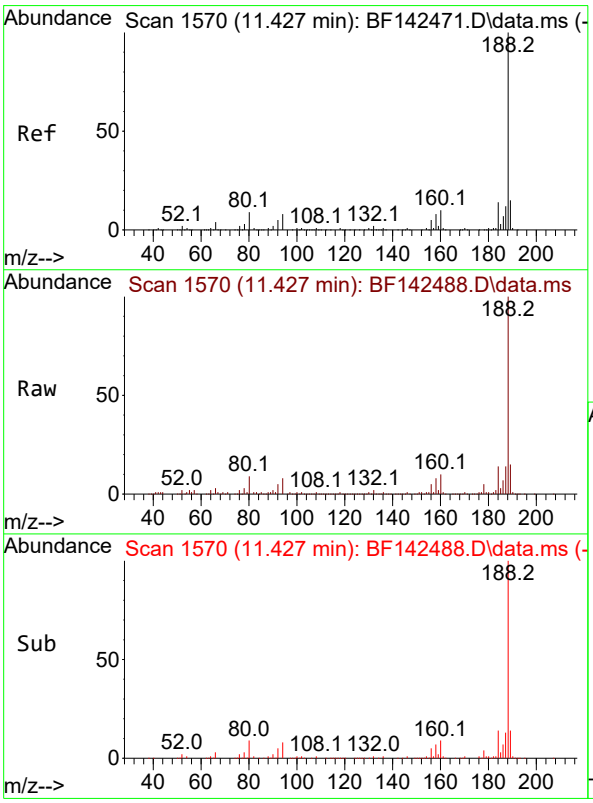
#63
Azobenzene
Concen: 45.814 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion: 77 Resp: 253765

Ion	Ratio	Lower	Upper
77	100		
182	31.0	9.0	49.0
105	27.1	2.4	42.4
51	33.7	13.5	53.5

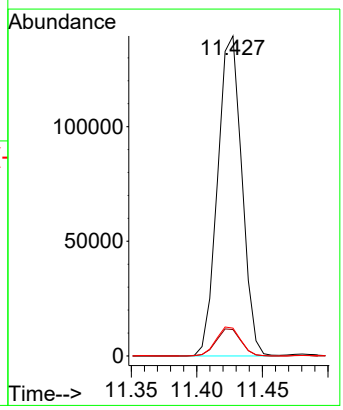


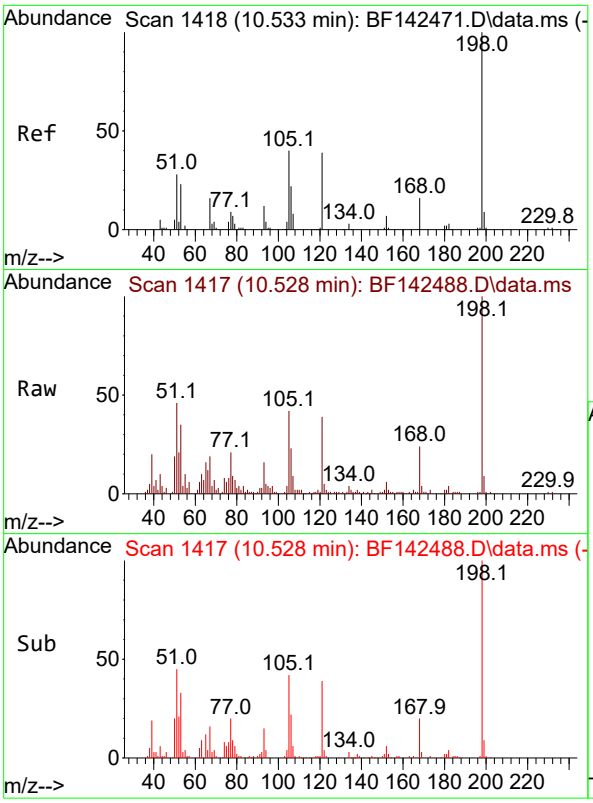


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:188 Resp: 179294

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	8.7	7.4	11.0



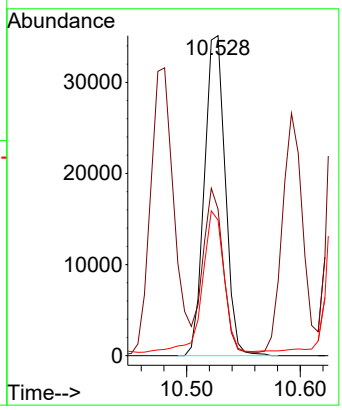


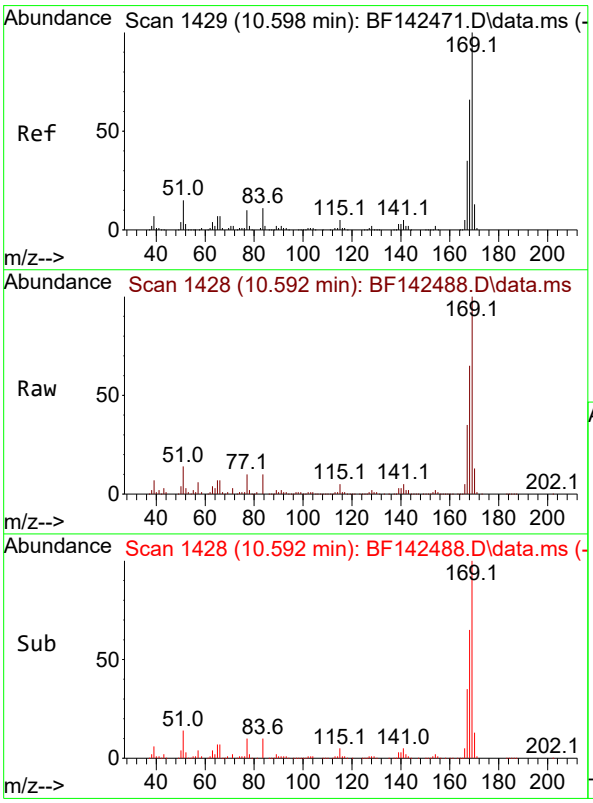
#65
4,6-Dinitro-2-methylphenol
Concen: 44.681 ng
RT: 10.528 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:198 Resp: 44708

Ion	Ratio	Lower	Upper
198	100		
51	45.8	28.3	68.3
105	42.3	21.3	61.3

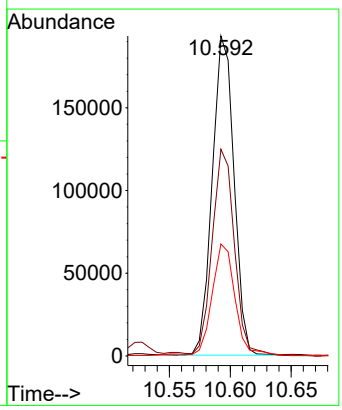


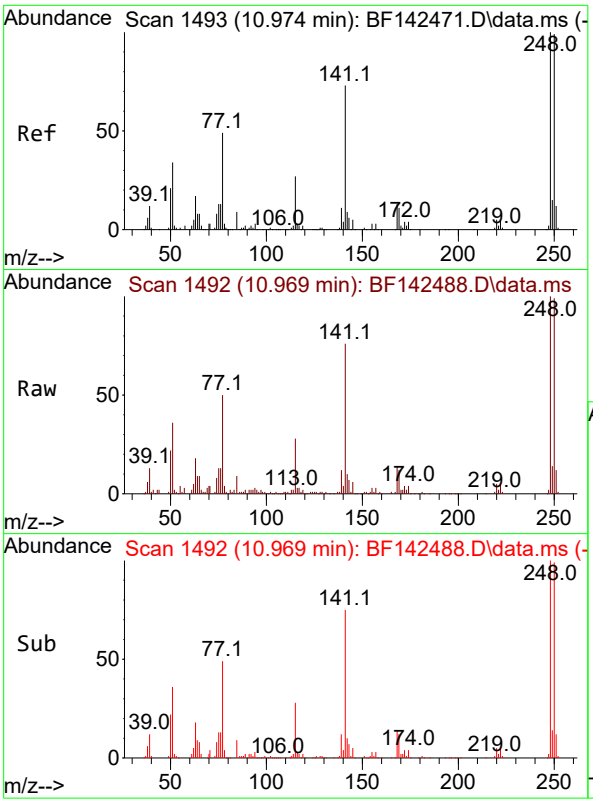


#66
n-Nitrosodiphenylamine
Concen: 39.074 ng
RT: 10.592 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:169 Resp: 239679

Ion	Ratio	Lower	Upper
169	100		
168	64.6	52.7	79.1
167	35.0	28.3	42.5



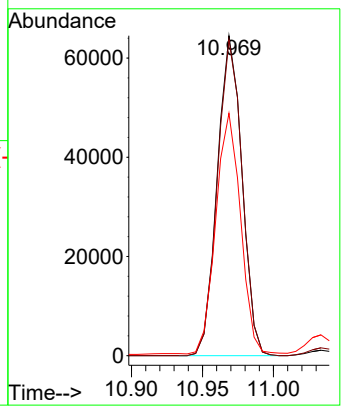


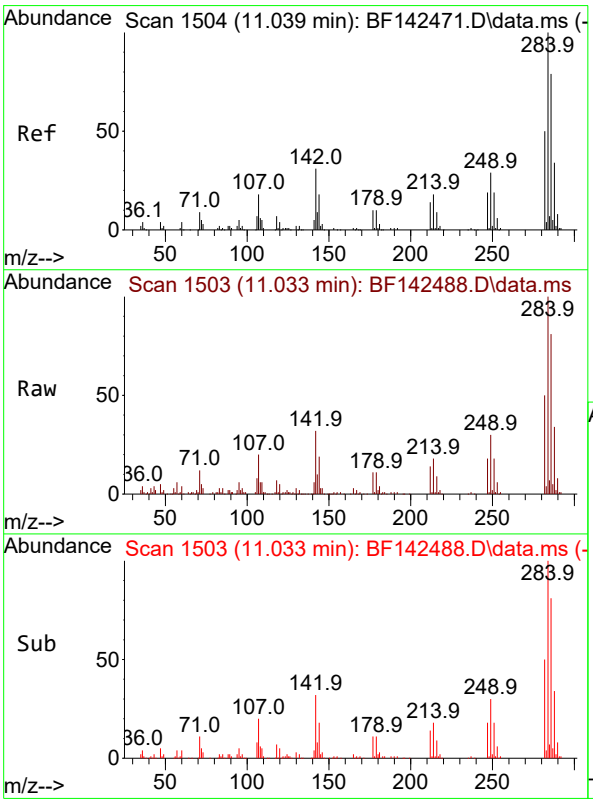
#67
4-Bromophenyl-phenylether
Concen: 36.748 ng
RT: 10.969 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:248 Resp: 77907

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.0	118.4
141	75.7	58.4	87.6

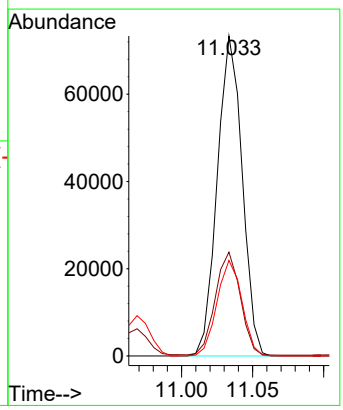


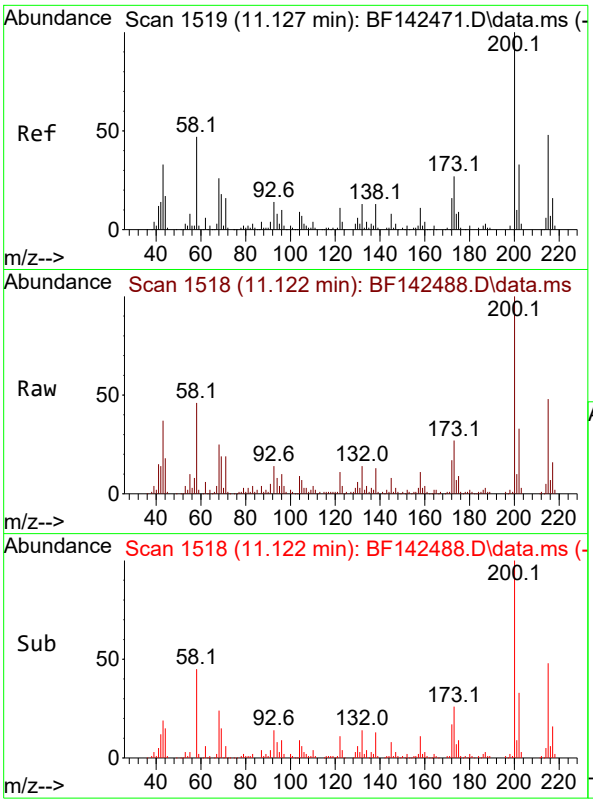


#68
Hexachlorobenzene
Concen: 38.058 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:284 Resp: 89239

Ion	Ratio	Lower	Upper
284	100		
142	32.5	24.8	37.2
249	29.8	23.6	35.4



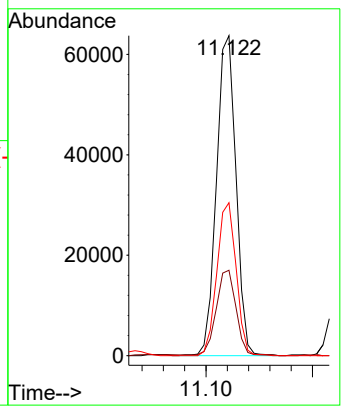


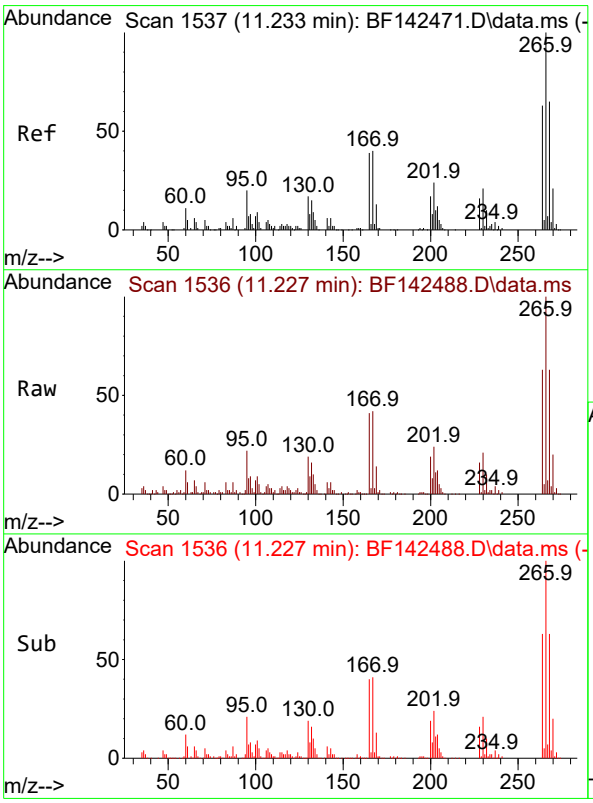
#69
Atrazine
Concen: 49.697 ng
RT: 11.122 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:200 Resp: 80957

Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.4	47.4
215	47.8	28.5	68.5

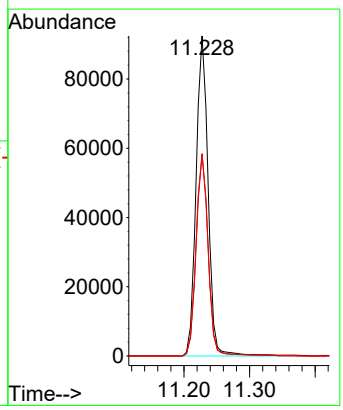


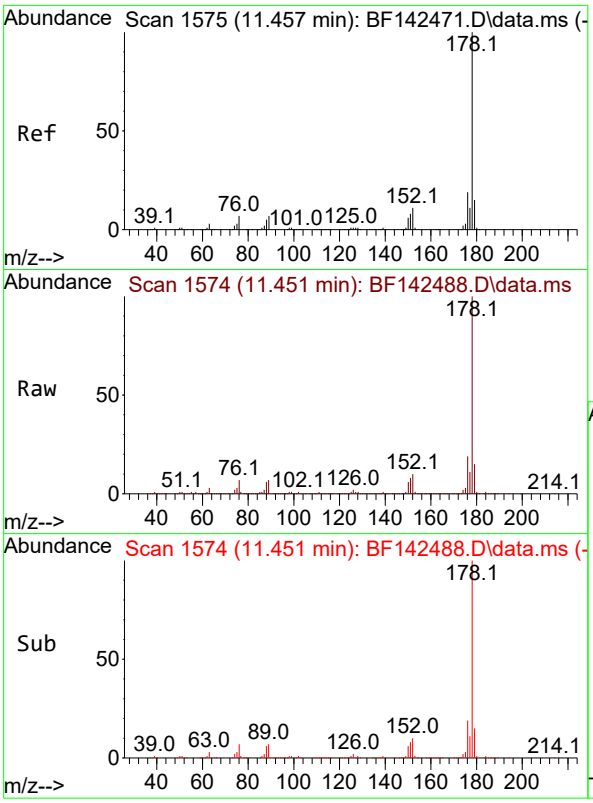


#70
Pentachlorophenol
Concen: 89.217 ng
RT: 11.227 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:266 Resp: 118109

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.7	77.5
264	63.2	50.4	75.6



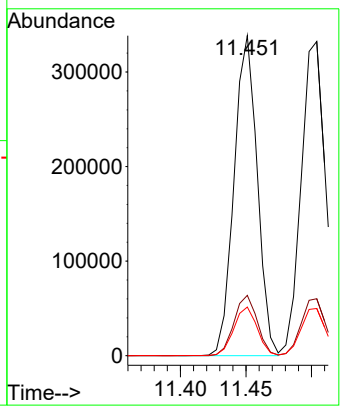


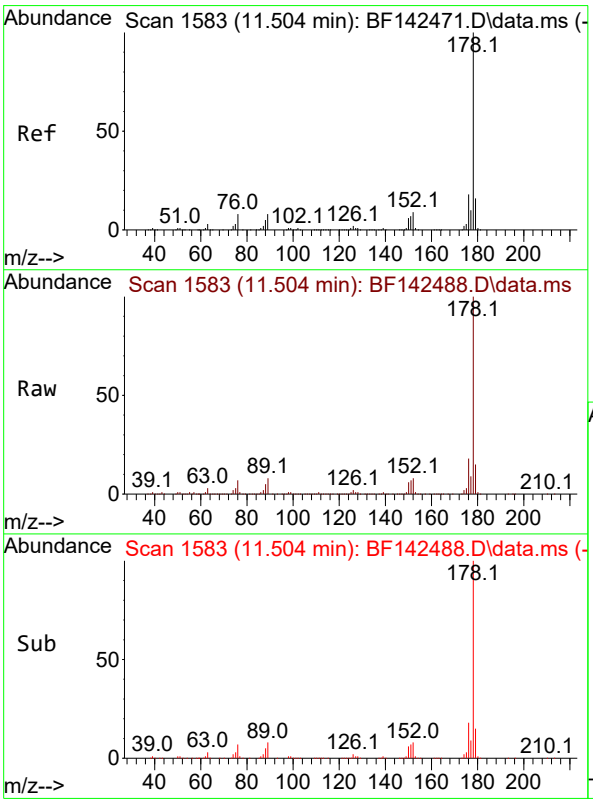
#71
Phenanthrene
Concen: 43.518 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:178 Resp: 416981

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.2	12.3	18.5

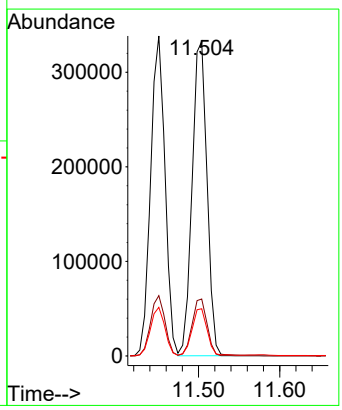


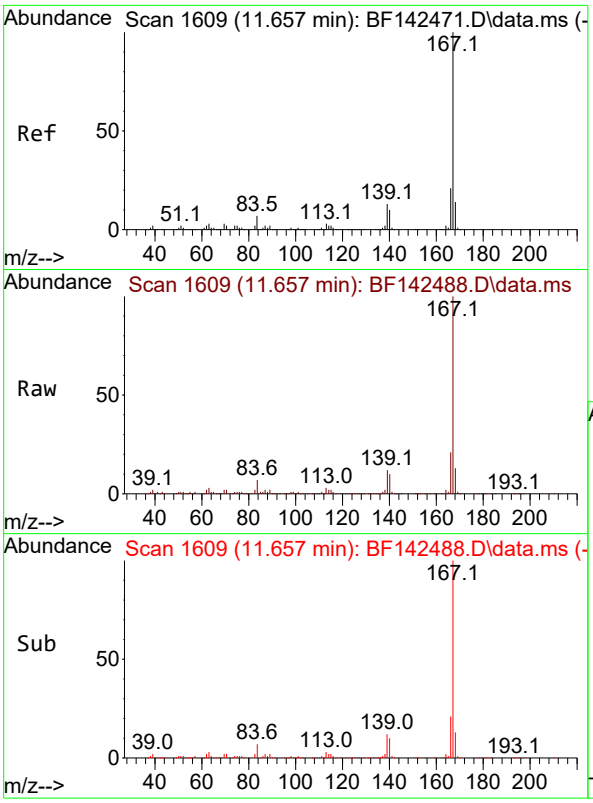


#72
Anthracene
Concen: 43.517 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:178 Resp: 425552

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.0	12.4	18.6



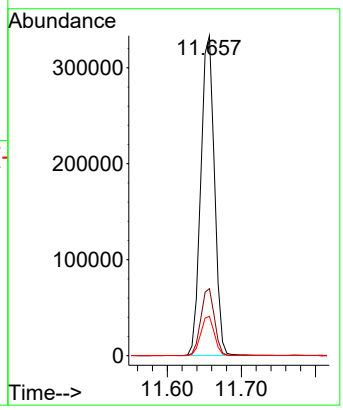


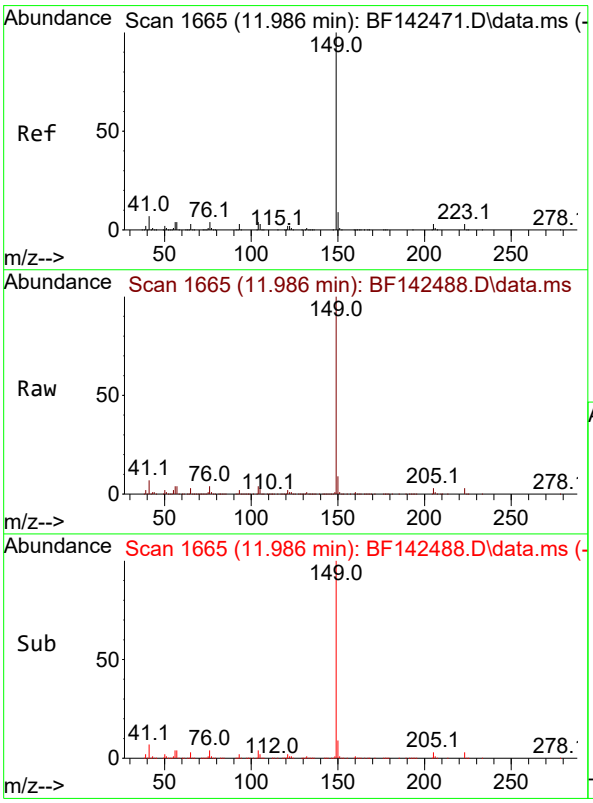
#73
Carbazole
Concen: 50.924 ng
RT: 11.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:167 Resp: 425725

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.9	25.3
139	12.3	10.2	15.4

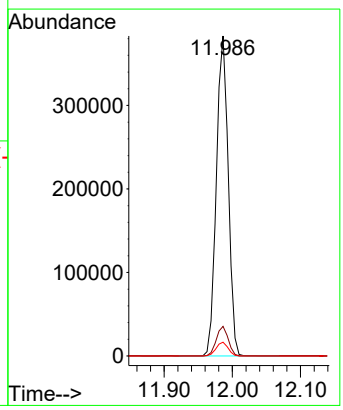


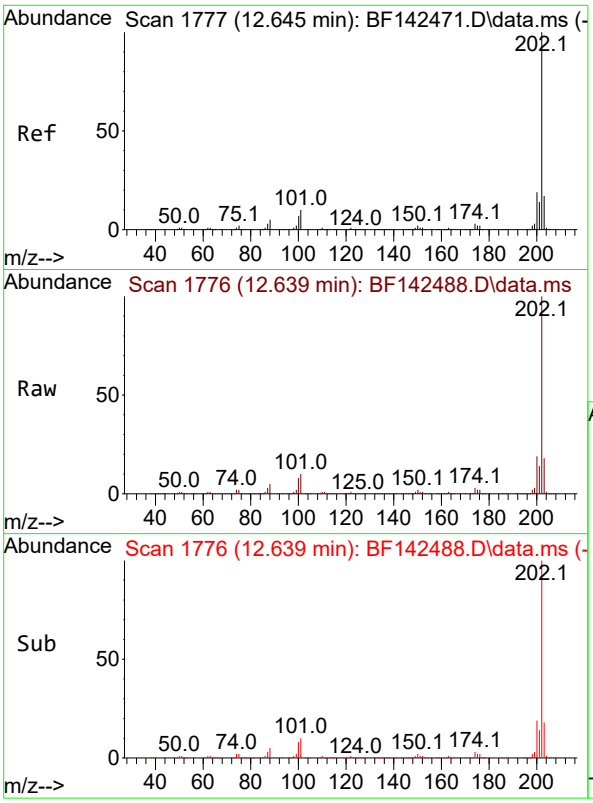


#74
Di-n-butylphthalate
Concen: 50.811 ng
RT: 11.986 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 464959

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.3	3.6	5.4



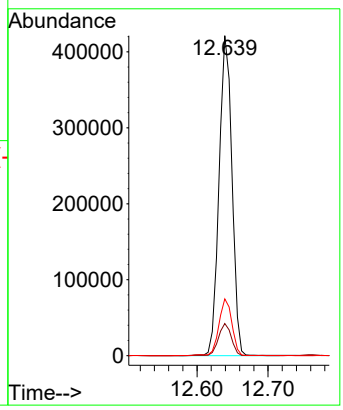


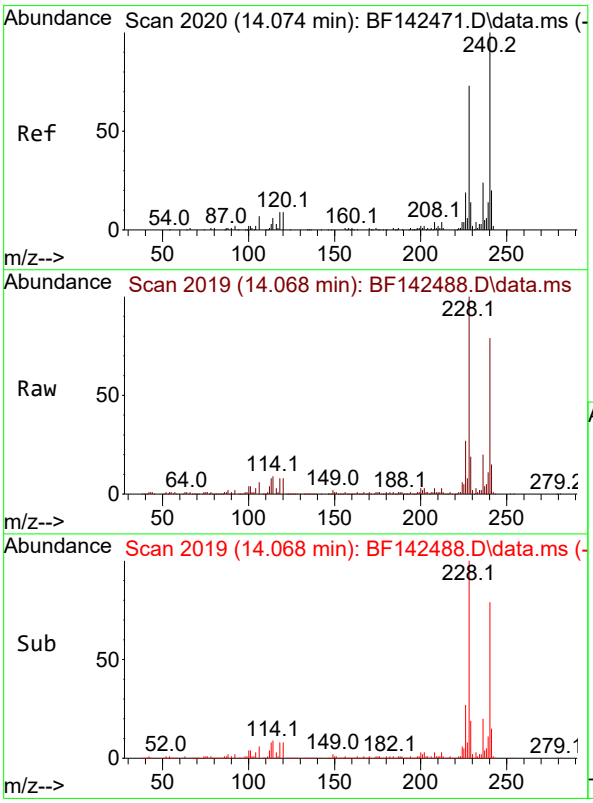
#75
Fluoranthene
Concen: 59.183 ng
RT: 12.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:202 Resp: 529880

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.6
203	17.8	0.0	37.2

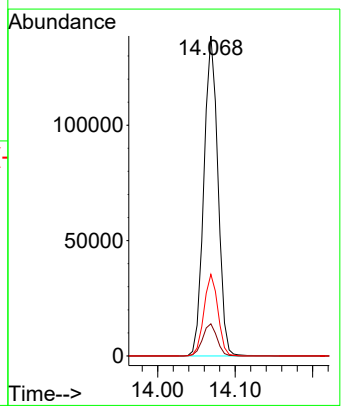


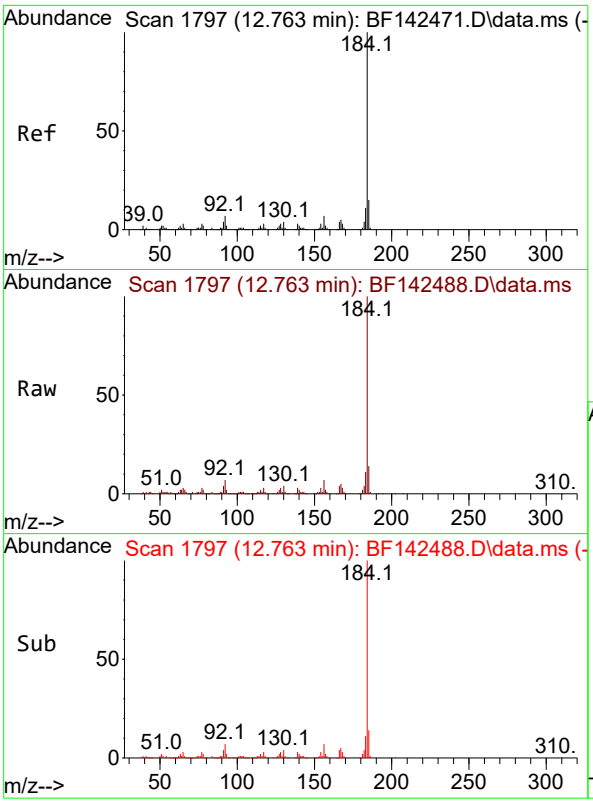


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:240 Resp: 174160

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.5	11.3
236	25.5	19.6	29.4



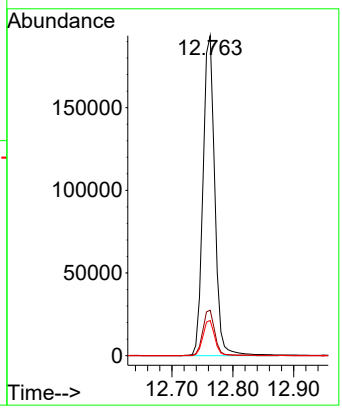


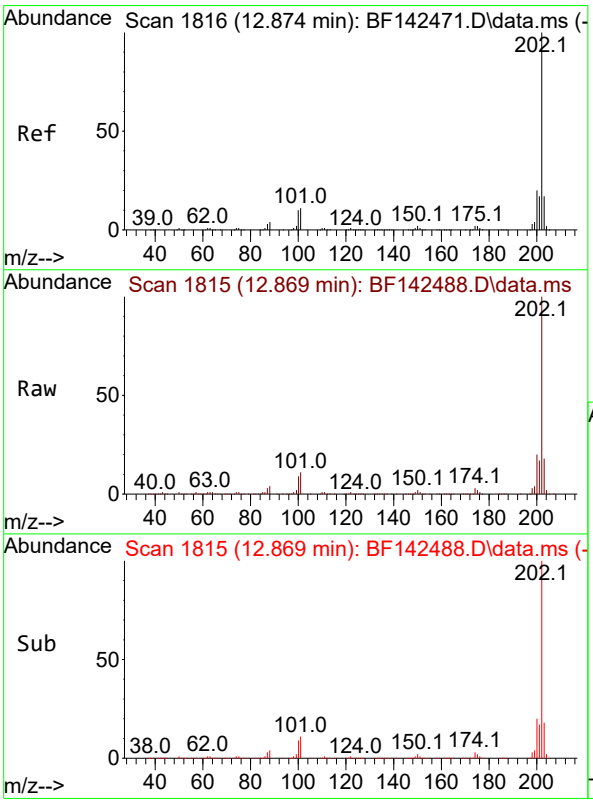
#77
Benzidine
Concen: 40.226 ng
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:184 Resp: 260706

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.6	17.4
183	11.0	9.0	13.4

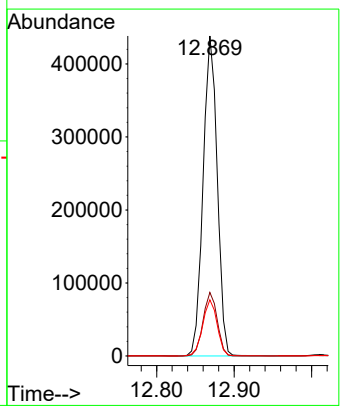


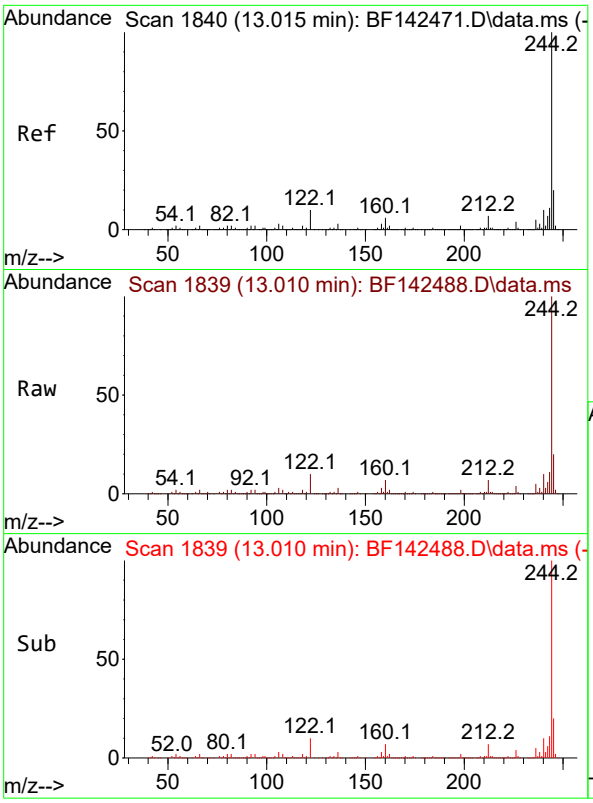


#78
Pyrene
Concen: 34.165 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:202 Resp: 555060

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	17.6	13.9	20.9



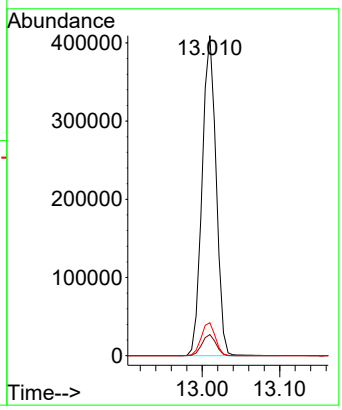


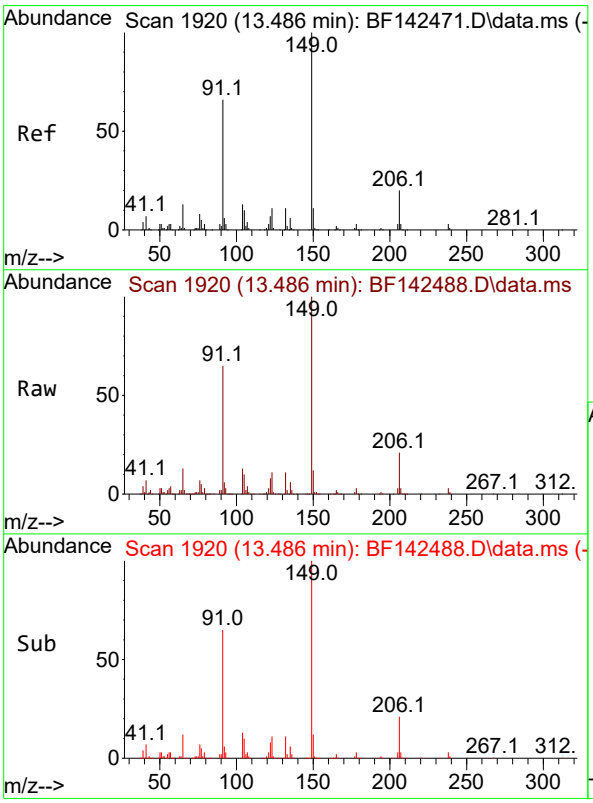
#79
Terphenyl-d14
Concen: 40.188 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:244 Resp: 512173

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.3	7.9
122	10.3	8.2	12.2

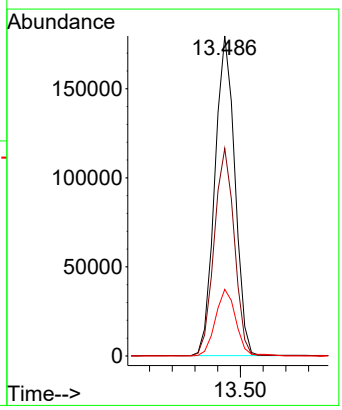


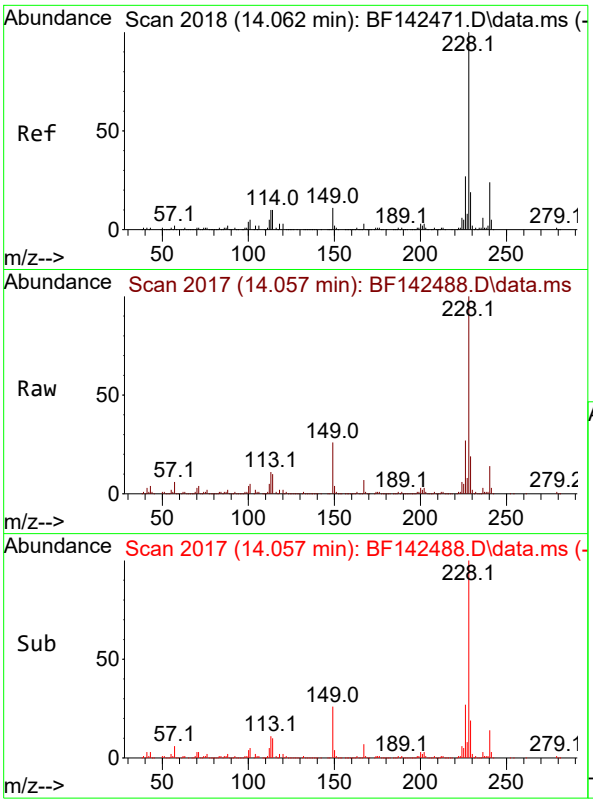


#80
Butylbenzylphthalate
Concen: 49.000 ng
RT: 13.486 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 219971

Ion	Ratio	Lower	Upper
149	100		
91	64.8	52.9	79.3
206	20.8	16.2	24.2



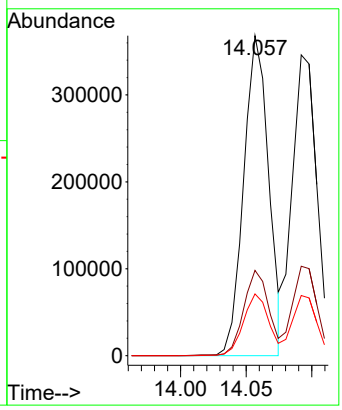


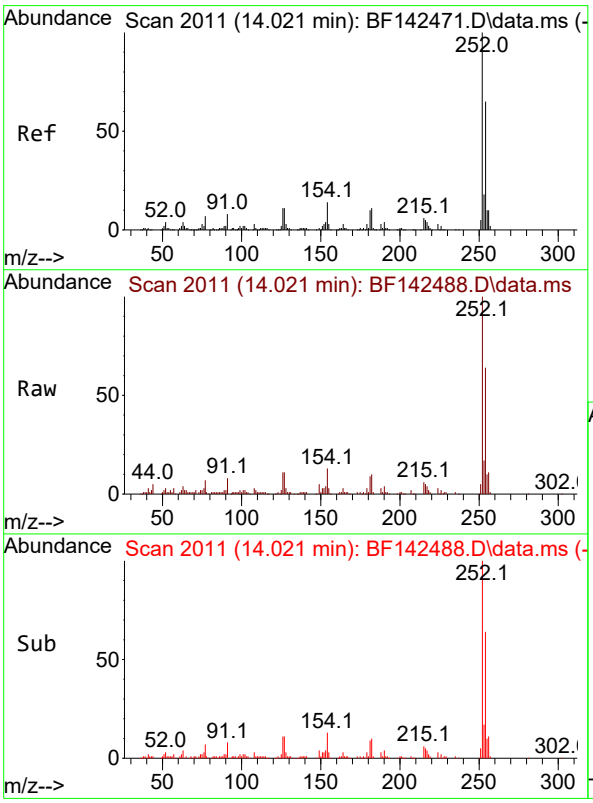
#81
Benzo(a)anthracene
Concen: 41.968 ng
RT: 14.057 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:228 Resp: 488067

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.2	31.8
229	19.3	15.5	23.3

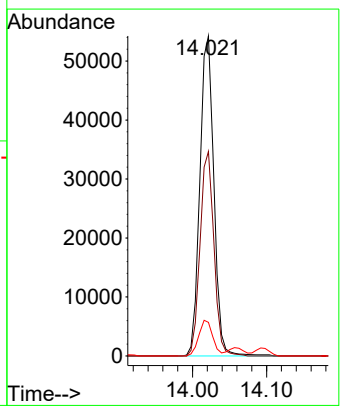


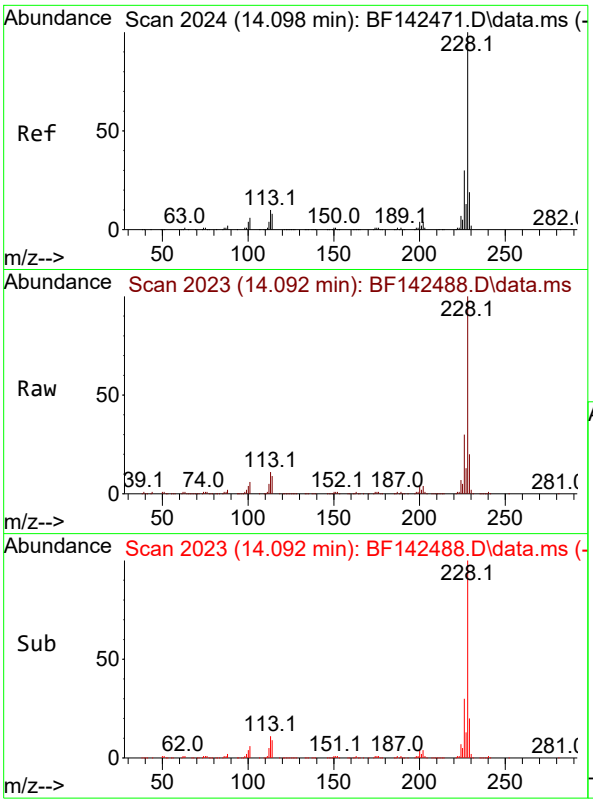


#82
3,3'-Dichlorobenzidine
Concen: 20.183 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 71192

Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.0	78.0
126	10.5	8.9	13.3



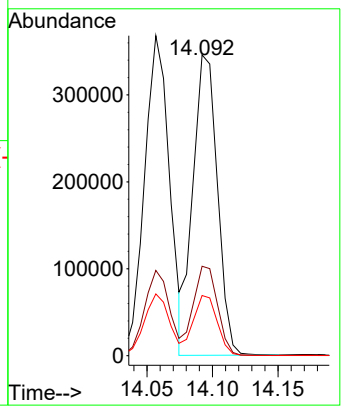


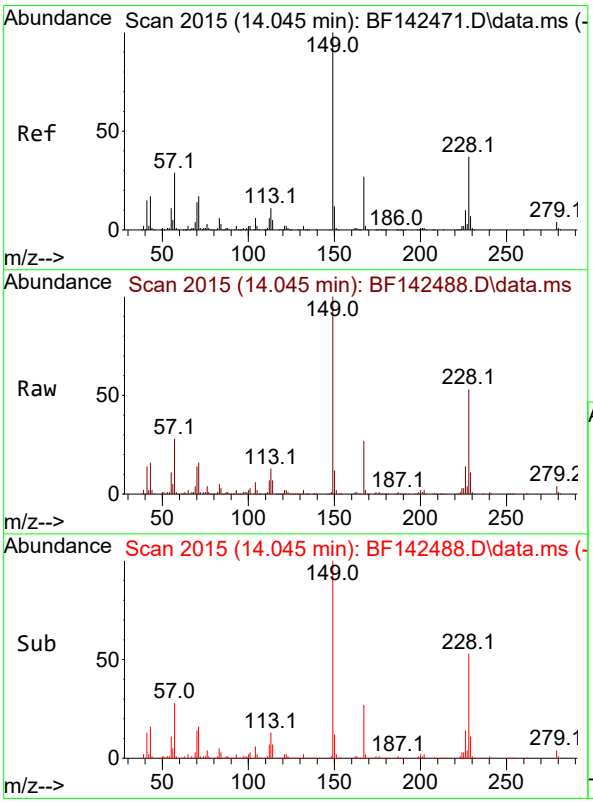
#83
Chrysene
Concen: 42.984 ng
RT: 14.092 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:228 Resp: 449179

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	20.0	15.4	23.2

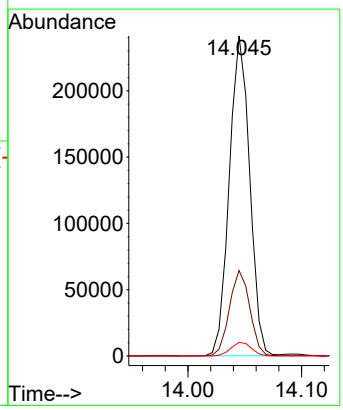


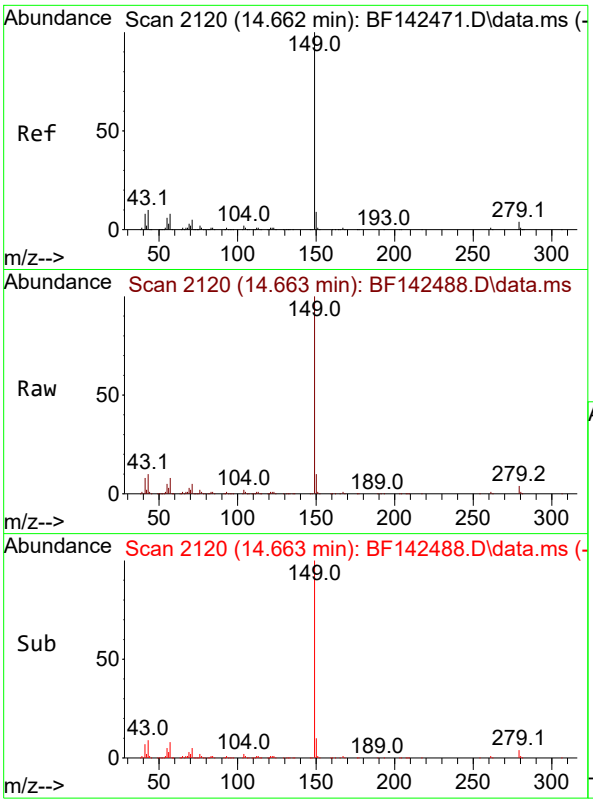


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.268 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:149 Resp: 300378

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.5	32.3
279	4.3	3.2	4.8



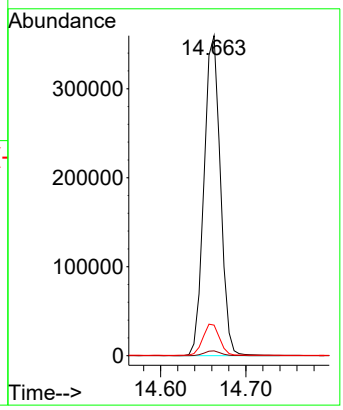


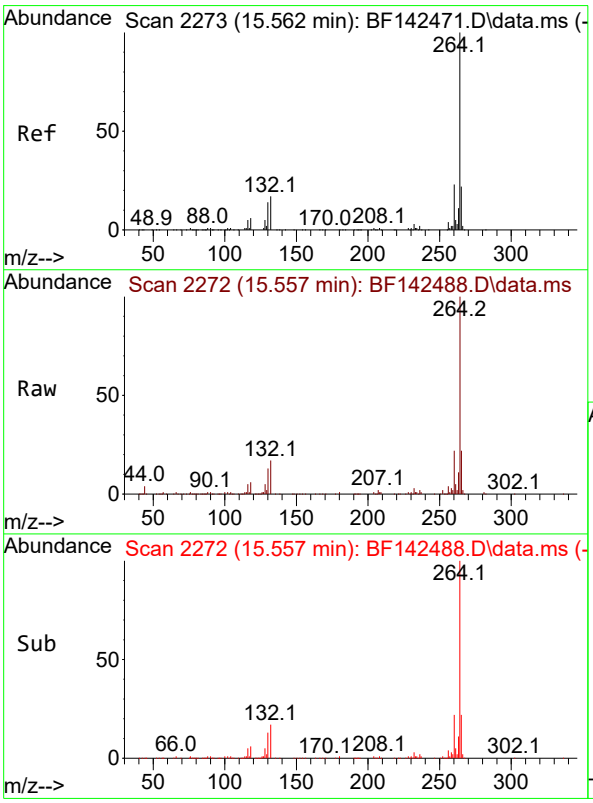
#85
Di-n-octyl phthalate
Concen: 42.717 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:149 Resp: 480004

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	7.9	11.9

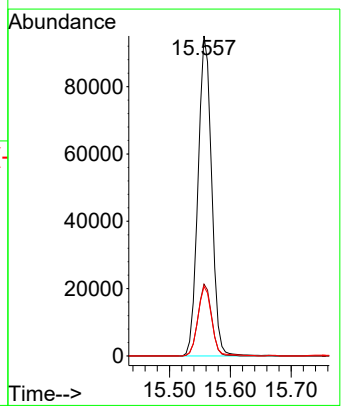


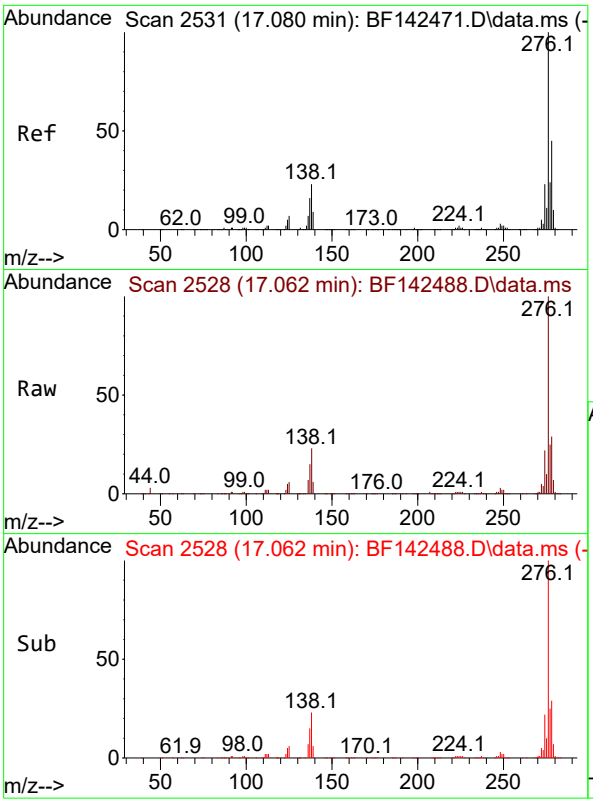


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:264 Resp: 147670

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	28.0
265	21.7	17.7	26.5



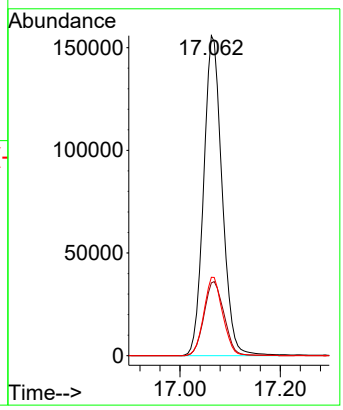


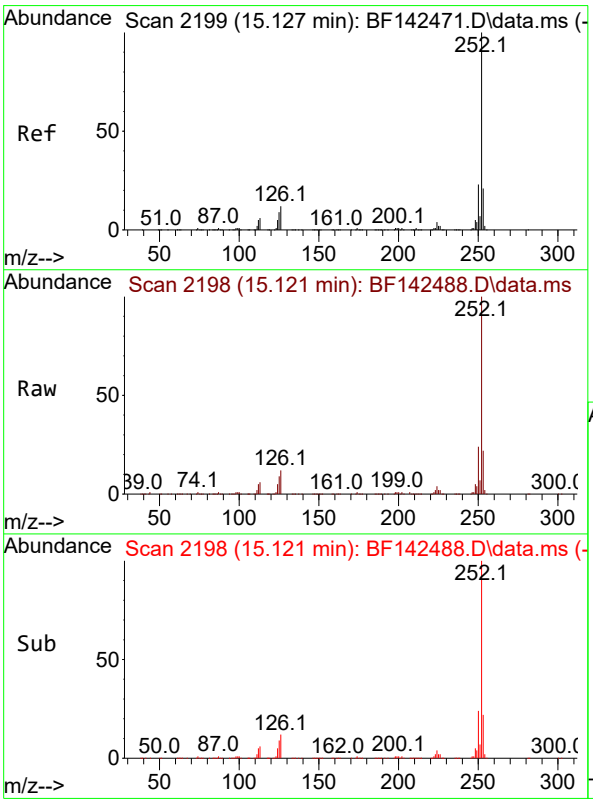
#87
Indeno(1,2,3-cd)pyrene
Concen: 35.852 ng
RT: 17.062 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:276 Resp: 397462

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	25.2	20.2	30.2

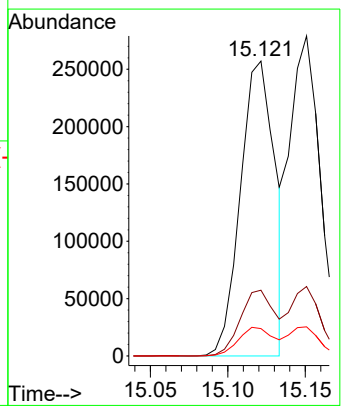


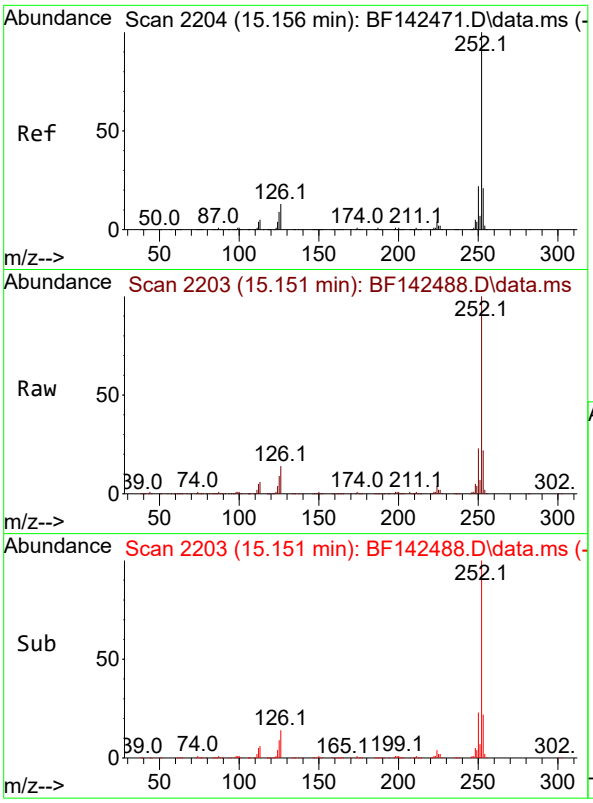


#88
Benzo(b)fluoranthene
Concen: 45.547 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 398076

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	9.3	7.4	11.0



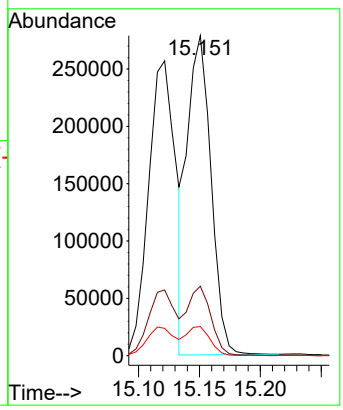


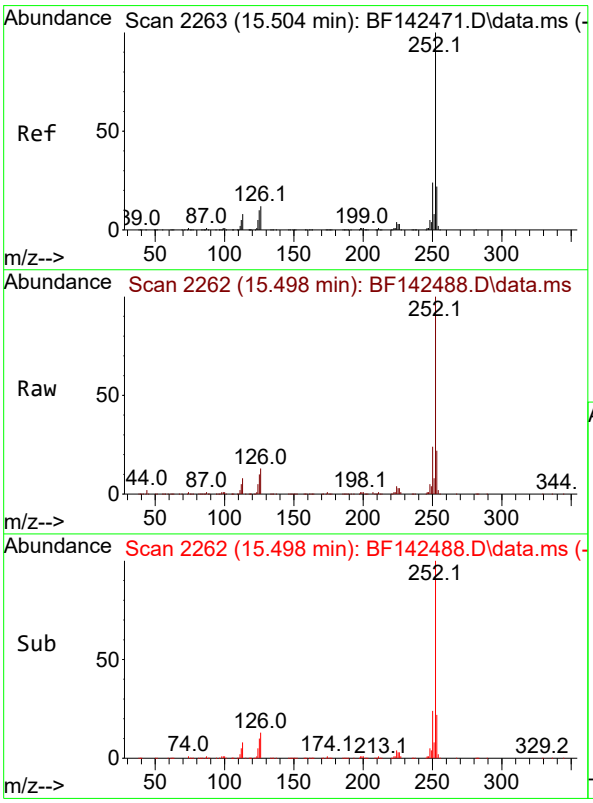
#89
Benzo(k)fluoranthene
Concen: 45.852 ng
RT: 15.151 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:252 Resp: 375338

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.1	7.3	10.9

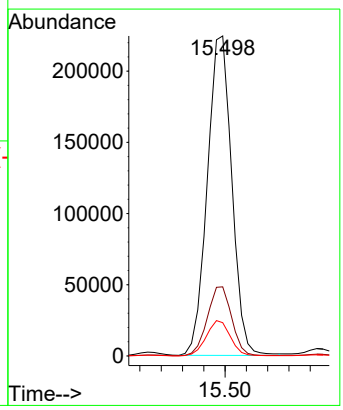


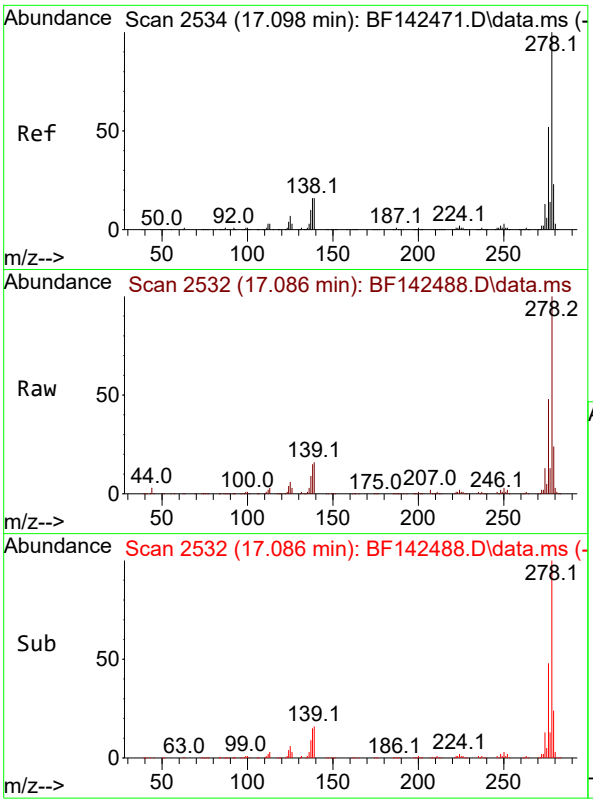


#90
Benzo(a)pyrene
Concen: 43.537 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.012 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:252 Resp: 358666

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	10.4	7.9	11.9



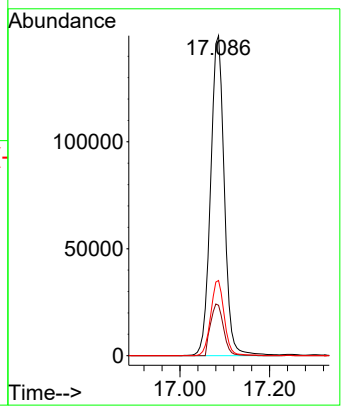


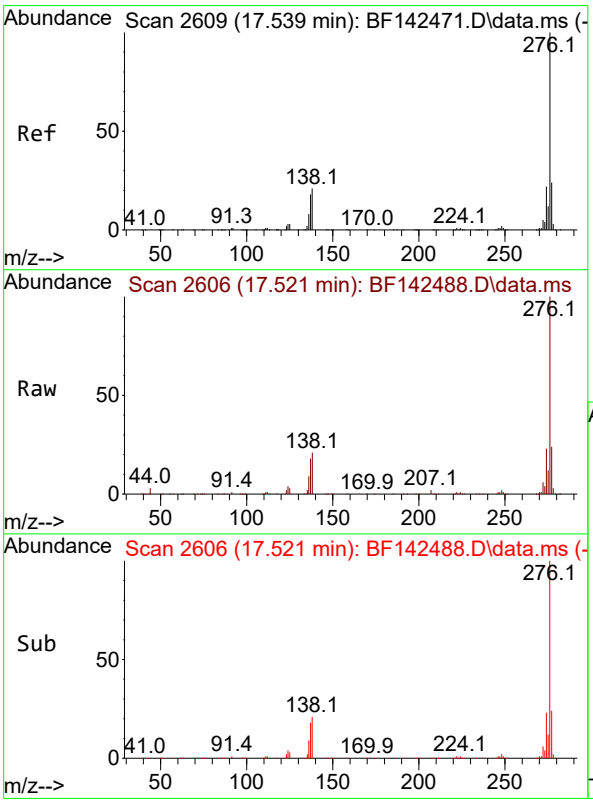
#91
Dibenzo(a,h)anthracene
Concen: 35.415 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Instrument :
BNA_F
ClientSampleId :
SS-11MSD

Tgt Ion:278 Resp: 318429

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.8	19.2
279	23.5	18.6	28.0

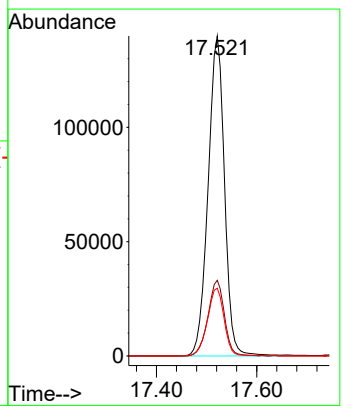




#92
Benzo(g,h,i)perylene
Concen: 35.381 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.035 min
Lab File: BF142488.D
Acq: 21 May 2025 15:34

Tgt Ion:276 Resp: 318190

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	21.2	16.8	25.2



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Manual Integration Report

Sequence:	bf052025	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF142469.D	Benzoic acid	Rahul	5/21/2025 2:07:30 PM	Jagrut	5/21/2025 4:43:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF052125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168083BS	BF142480.D	4-Chloroaniline	Rahul	5/22/2025 1:18:41 PM	Jagrut	5/22/2025 2:52:55 PM	Peak Integrated by Software
PB168083BS	BF142480.D	Benzoic acid	Rahul	5/22/2025 1:18:41 PM	Jagrut	5/22/2025 2:52:55 PM	Peak Integrated by Software
PB168083BS	BF142480.D	Caprolactam	Rahul	5/22/2025 1:18:41 PM	Jagrut	5/22/2025 2:52:55 PM	Peak Integrated by Software
Q2075-04MS	BF142487.D	Benzoic acid	Rahul	5/22/2025 1:18:43 PM	Jagrut	5/22/2025 2:52:58 PM	Peak Integrated by Software
Q2075-04MS	BF142487.D	Caprolactam	Rahul	5/22/2025 1:18:43 PM	Jagrut	5/22/2025 2:52:58 PM	Peak Integrated by Software
Q2075-05MSD	BF142488.D	Benzoic acid	Rahul	5/22/2025 1:18:48 PM	Jagrut	5/22/2025 2:53:01 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bf052225	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2075-01	BF142510.D	Benzo(b)fluoranthene	Rahul	5/23/2025 11:46:22 AM	Jagrut	5/23/2025 5:05:30 PM	Peak Integrated by Software
Q2075-01	BF142510.D	Benzo(k)fluoranthene	Rahul	5/23/2025 11:46:22 AM	Jagrut	5/23/2025 5:05:30 PM	Peak Integrated by Software
Q2075-02	BF142511.D	Benzo(b)fluoranthene	Rahul	5/23/2025 11:46:25 AM	Jagrut	5/23/2025 5:05:32 PM	Peak Integrated by Software
Q2075-02	BF142511.D	Benzo(k)fluoranthene	Rahul	5/23/2025 11:46:25 AM	Jagrut	5/23/2025 5:05:32 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024615.D	4-Nitroaniline	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Benzaldehyde	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC005	BP024615.D	Caprolactam	Rahul	5/14/2025 2:19:40 PM	Jagrut	5/14/2025 5:15:55 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	4-Nitroaniline	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzaldehyde	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzidine	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Benzoic acid	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Caprolactam	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC010	BP024616.D	Pentachlorophenol	Rahul	5/14/2025 2:19:43 PM	Jagrut	5/14/2025 5:16:07 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzaldehyde	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Benzoic acid	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICC020	BP024617.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:45 PM	Jagrut	5/14/2025 5:16:09 PM	Peak Integrated by Software
SSTDICCC040	BP024618.D	Benzaldehyde	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP051325	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICCC040	BP024618.D	Benzoic acid	Rahul	5/14/2025 2:19:48 PM	Jagrut	5/14/2025 5:16:12 PM	Peak Integrated by Software
SSTDICC080	BP024621.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:51 PM	Jagrut	5/14/2025 5:16:14 PM	Peak Integrated by Software
SSTDICV040	BP024622.D	Indeno(1,2,3-cd)pyrene	Rahul	5/14/2025 2:19:57 PM	Jagrut	5/14/2025 5:16:17 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	bP052125	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024737.D	4-Nitroaniline	Rahul	5/22/2025 1:19:50 PM	Jagrut	5/22/2025 2:52:09 PM	Peak Integrated by Software
SSTDCCC040	BP024737.D	Benzoic acid	Rahul	5/22/2025 1:19:50 PM	Jagrut	5/22/2025 2:52:09 PM	Peak Integrated by Software
SSTDCCC040	BP024737.D	Indeno(1,2,3-cd)pyrene	Rahul	5/22/2025 1:19:50 PM	Jagrut	5/22/2025 2:52:09 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP052225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024753.D	4-Nitroaniline	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software
SSTDCCC040	BP024753.D	Benzoic acid	Rahul	5/23/2025 12:27:12 PM	Jagrut	5/23/2025 5:03:34 PM	Peak Integrated by Software
PB168098BS	BP024755.D	4-Nitroaniline	Rahul	5/23/2025 12:27:15 PM	Jagrut	5/23/2025 5:03:36 PM	Peak Integrated by Software
PB168098BS	BP024755.D	Benzoic acid	Rahul	5/23/2025 12:27:15 PM	Jagrut	5/23/2025 5:03:36 PM	Peak Integrated by Software
PB168098BSD	BP024756.D	4-Nitroaniline	Rahul	5/23/2025 12:27:18 PM	Jagrut	5/23/2025 5:03:39 PM	Peak Integrated by Software
PB168098BSD	BP024756.D	Benzoic acid	Rahul	5/23/2025 12:27:18 PM	Jagrut	5/23/2025 5:03:39 PM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM				
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM				
SubDirectory	BF052025	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142465.D	20 May 2025 11:13	RC/JU	Ok
2	SSTDCCC040	BF142466.D	20 May 2025 11:41	RC/JU	Not Ok
3	SSTDICC2.5	BF142467.D	20 May 2025 12:10	RC/JU	Ok
4	SSTDICC005	BF142468.D	20 May 2025 12:38	RC/JU	Ok
5	SSTDICC010	BF142469.D	20 May 2025 13:07	RC/JU	Ok,M
6	SSTDICC020	BF142470.D	20 May 2025 13:36	RC/JU	Ok
7	SSTDICCC040	BF142471.D	20 May 2025 14:05	RC/JU	Ok
8	SSTDICC050	BF142472.D	20 May 2025 14:34	RC/JU	Ok
9	SSTDICC060	BF142473.D	20 May 2025 15:03	RC/JU	Ok
10	SSTDICC080	BF142474.D	20 May 2025 15:31	RC/JU	Ok
11	SSTDICV040	BF142475.D	20 May 2025 16:31	RC/JU	Ok
12	PB168067TB	BF142476.D	20 May 2025 17:29	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052125

Review By	Rahul	Review On	5/22/2025 1:19:28 PM				
Supervise By	Jagrut	Supervise On	5/22/2025 2:53:36 PM				
SubDirectory	BF052125	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142477.D	21 May 2025 09:41	RC/JU	Ok
2	SSTDCCC040	BF142478.D	21 May 2025 10:40	RC/JU	Ok
3	PB168083BL	BF142479.D	21 May 2025 11:09	RC/JU	Ok
4	PB168083BS	BF142480.D	21 May 2025 11:37	RC/JU	Ok,M
5	Q2074-02	BF142481.D	21 May 2025 12:14	RC/JU	Ok
6	Q2074-04	BF142482.D	21 May 2025 12:43	RC/JU	Ok
7	Q2074-05	BF142483.D	21 May 2025 13:11	RC/JU	ReRun
8	Q2074-06	BF142484.D	21 May 2025 13:40	RC/JU	Ok
9	Q2074-08	BF142485.D	21 May 2025 14:08	RC/JU	ReRun
10	Q2075-03	BF142486.D	21 May 2025 14:37	RC/JU	Ok
11	Q2075-04MS	BF142487.D	21 May 2025 15:06	RC/JU	Ok,M
12	Q2075-05MSD	BF142488.D	21 May 2025 15:34	RC/JU	Ok,M
13	Q2075-06	BF142489.D	21 May 2025 16:03	RC/JU	Ok
14	Q2068-01	BF142490.D	21 May 2025 16:32	RC/JU	Ok
15	Q2080-01	BF142491.D	21 May 2025 17:10	RC/JU	ReRun
16	Q2080-07	BF142492.D	21 May 2025 17:39	RC/JU	ReRun
17	Q2071-08	BF142493.D	21 May 2025 18:07	RC/JU	ReRun
18	Q2071-12	BF142494.D	21 May 2025 18:36	RC/JU	Ok
19	Q2075-01	BF142495.D	21 May 2025 19:05	RC/JU	ReRun
20	Q2075-02	BF142496.D	21 May 2025 19:34	RC/JU	ReRun
21	Q2074-01	BF142497.D	21 May 2025 20:03	RC/JU	ReRun

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052125

Review By	Rahul	Review On	5/22/2025 1:19:28 PM				
Supervise By	Jagrut	Supervise On	5/22/2025 2:53:36 PM				
SubDirectory	BF052125	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2074-03	BF142498.D	21 May 2025 20:32	RC/JU	ReRun
23	Q2074-07	BF142499.D	21 May 2025 21:01	RC/JU	ReRun
24	Q2052-01	BF142500.D	21 May 2025 21:30	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052225

Review By	Rahul	Review On	5/23/2025 11:49:39 AM				
Supervise By	Jagrut	Supervise On	5/23/2025 5:06:44 PM				
SubDirectory	BF052225	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142501.D	22 May 2025 10:43	RC/JU	Ok
2	SSTDCCC040	BF142502.D	22 May 2025 11:11	RC/JU	Ok
3	PB168104BL	BF142503.D	22 May 2025 11:41	RC/JU	Ok
4	PB168104BS	BF142504.D	22 May 2025 12:09	RC/JU	Ok,M
5	Q2074-05	BF142505.D	22 May 2025 12:42	RC/JU	Ok
6	Q2074-08	BF142506.D	22 May 2025 13:11	RC/JU	Ok
7	Q2080-01	BF142507.D	22 May 2025 13:40	RC/JU	Ok
8	Q2080-07	BF142508.D	22 May 2025 14:09	RC/JU	Ok
9	Q2071-08	BF142509.D	22 May 2025 14:38	RC/JU	Ok
10	Q2075-01	BF142510.D	22 May 2025 15:07	RC/JU	Ok,M
11	Q2075-02	BF142511.D	22 May 2025 15:36	RC/JU	Ok,M
12	Q2052-01	BF142512.D	22 May 2025 16:04	RC/JU	Ok,M
13	Q2074-01	BF142513.D	22 May 2025 16:34	RC/JU	Ok,M
14	Q2074-03	BF142514.D	22 May 2025 17:03	RC/JU	Ok
15	Q2074-07	BF142515.D	22 May 2025 17:32	RC/JU	Ok,M
16	Q2092-01	BF142516.D	22 May 2025 18:00	RC/JU	Ok
17	Q2097-06	BF142517.D	22 May 2025 18:29	RC/JU	Ok
18	Q2097-08	BF142518.D	22 May 2025 18:58	RC/JU	Ok
19	Q2097-10	BF142519.D	22 May 2025 19:27	RC/JU	Ok
20	Q2097-14	BF142520.D	22 May 2025 19:56	RC/JU	Ok
21	Q2095-05	BF142521.D	22 May 2025 20:25	RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052225

Review By	Rahul	Review On	5/23/2025 11:49:39 AM				
Supervise By	Jagrut	Supervise On	5/23/2025 5:06:44 PM				
SubDirectory	BF052225	HP Acquire Method	BNA_F		HP Processing Method	bf052025	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2097-17	BF142522.D	22 May 2025 20:53	RC/JU	Ok
23	Q2101-01	BF142523.D	22 May 2025 21:22	RC/JU	Ok,M
24	Q2104-01	BF142524.D	22 May 2025 21:51	RC/JU	Ok,M
25	Q2095-01	BF142525.D	22 May 2025 22:20	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024613.D	13 May 2025 10:00	RC/JU	Ok
2	SSTDICC2.5	BP024614.D	13 May 2025 10:41	RC/JU	Ok
3	SSTDICC005	BP024615.D	13 May 2025 11:22	RC/JU	Ok,M
4	SSTDICC010	BP024616.D	13 May 2025 12:03	RC/JU	Ok,M
5	SSTDICC020	BP024617.D	13 May 2025 12:43	RC/JU	Ok,M
6	SSTDICCC040	BP024618.D	13 May 2025 13:24	RC/JU	Ok,M
7	SSTDICC050	BP024619.D	13 May 2025 14:05	RC/JU	Ok
8	SSTDICC060	BP024620.D	13 May 2025 14:45	RC/JU	Ok
9	SSTDICC080	BP024621.D	13 May 2025 15:26	RC/JU	Ok,M
10	SSTDICV040	BP024622.D	13 May 2025 17:01	RC/JU	Ok,M
11	PB167917TB	BP024623.D	13 May 2025 18:23	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052125

Review By	Rahul	Review On	5/22/2025 1:20:34 PM				
Supervise By	Jagrut	Supervise On	5/22/2025 2:52:30 PM				
SubDirectory	BP052125	HP Acquire Method	BNA_P		HP Processing Method	BP051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024736.D	21 May 2025 12:54	RC/JU	Ok
2	SSTDCCC040	BP024737.D	21 May 2025 14:48	RC/JU	Ok,M
3	PB168095BL	BP024738.D	21 May 2025 15:29	RC/JU	Ok
4	PB168095BS	BP024739.D	21 May 2025 16:09	RC/JU	Ok,M
5	PB168026BS	BP024740.D	21 May 2025 16:50	RC/JU	Ok,M
6	Q2052-04	BP024741.D	21 May 2025 17:34	RC/JU	Ok
7	Q2052-04MS	BP024742.D	21 May 2025 18:14	RC/JU	Ok
8	Q2052-04MSD	BP024743.D	21 May 2025 18:55	RC/JU	Ok
9	Q2071-20	BP024744.D	21 May 2025 19:36	RC/JU	ReRun
10	Q2071-16	BP024745.D	21 May 2025 20:16	RC/JU	Ok
11	Q2071-04	BP024746.D	21 May 2025 20:57	RC/JU	Ok
12	Q2075-07	BP024747.D	21 May 2025 21:38	RC/JU	ReRun
13	Q2075-08	BP024748.D	21 May 2025 22:18	RC/JU	Ok
14	Q2084-01	BP024749.D	21 May 2025 22:59	RC/JU	Ok,M
15	Q2087-03	BP024750.D	21 May 2025 23:40	RC/JU	Ok
16	Q2087-01	BP024751.D	22 May 2025 00:20	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024752.D	22 May 2025 09:35	RC/JU	Ok
2	SSTDCCC040	BP024753.D	22 May 2025 10:56	RC/JU	Ok,M
3	PB168098BL	BP024754.D	22 May 2025 11:37	RC/JU	Ok
4	PB168098BS	BP024755.D	22 May 2025 12:18	RC/JU	Ok,M
5	PB168098BSD	BP024756.D	22 May 2025 12:58	RC/JU	Ok,M
6	Q2071-20	BP024757.D	22 May 2025 13:39	RC/JU	Ok
7	Q2075-07	BP024758.D	22 May 2025 14:19	RC/JU	Ok
8	Q2093-01	BP024759.D	22 May 2025 15:00	RC/JU	Ok
9	Q2097-07	BP024760.D	22 May 2025 15:41	RC/JU	Ok
10	Q2097-05	BP024761.D	22 May 2025 16:22	RC/JU	Ok
11	Q2097-09	BP024762.D	22 May 2025 17:02	RC/JU	Ok
12	Q2097-11	BP024763.D	22 May 2025 17:43	RC/JU	Ok
13	Q2097-13	BP024764.D	22 May 2025 18:24	RC/JU	Ok
14	Q2097-15	BP024765.D	22 May 2025 19:04	RC/JU	Ok
15	Q2097-01	BP024766.D	22 May 2025 19:45	RC/JU	Ok
16	Q2088-01	BP024767.D	22 May 2025 20:26	RC/JU	Ok
17	Q2093-14	BP024768.D	22 May 2025 21:07	RC/JU	Dilution
18	DFTPP	BP024769.D	22 May 2025 22:28	RC/JU	Ok
19	SSTDCCC040	BP024770.D	22 May 2025 23:09	RC/JU	Ok
20	PB168092TB	BP024771.D	22 May 2025 23:50	RC/JU	Ok
21	Q2078-03	BP024772.D	23 May 2025 00:30	RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM				
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM				
SubDirectory	BP052225	HP Acquire Method	BNA_P		HP Processing Method	BP051325	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2078-07	BP024773.D	23 May 2025 01:11	RC/JU	Ok
23	Q2078-11	BP024774.D	23 May 2025 01:52	RC/JU	Ok
24	Q2078-15	BP024775.D	23 May 2025 02:32	RC/JU	Ok
25	Q2078-19	BP024776.D	23 May 2025 03:13	RC/JU	Ok
26	Q2079-03	BP024777.D	23 May 2025 03:54	RC/JU	Ok
27	Q2079-07	BP024778.D	23 May 2025 04:34	RC/JU	Ok
28	Q2079-11	BP024779.D	23 May 2025 05:15	RC/JU	Ok
29	Q2084-05	BP024780.D	23 May 2025 05:56	RC/JU	Ok
30	Q2084-05MS	BP024781.D	23 May 2025 06:37	RC/JU	Ok
31	Q2084-05MSD	BP024782.D	23 May 2025 07:17	RC/JU	Ok
32	Q2092-02	BP024783.D	23 May 2025 07:58	RC/JU	Ok
33	Q2093-02	BP024784.D	23 May 2025 08:39	RC/JU	Ok
34	Q2097-02	BP024785.D	23 May 2025 09:19	RC/JU	Ok
35	Q2097-04	BP024786.D	23 May 2025 10:00	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052025

Review By	Rahul	Review On	5/21/2025 2:52:20 PM		
Supervise By	Jagrut	Supervise On	5/21/2025 4:44:06 PM		
SubDirectory	BF052025	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12665,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142465.D	20 May 2025 11:13		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142466.D	20 May 2025 11:41	Fresh Calibration Required	RC/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BF142467.D	20 May 2025 12:10		RC/JU	Ok
4	SSTDICC005	SSTDICC005	BF142468.D	20 May 2025 12:38	Compound #32,54,85 removed from 5ppm	RC/JU	Ok
5	SSTDICC010	SSTDICC010	BF142469.D	20 May 2025 13:07		RC/JU	Ok,M
6	SSTDICC020	SSTDICC020	BF142470.D	20 May 2025 13:36		RC/JU	Ok
7	SSTDICCC040	SSTDICCC040	BF142471.D	20 May 2025 14:05	This calibration is good for both the methods, 8270E DOD and 625.1.	RC/JU	Ok
8	SSTDICC050	SSTDICC050	BF142472.D	20 May 2025 14:34		RC/JU	Ok
9	SSTDICC060	SSTDICC060	BF142473.D	20 May 2025 15:03		RC/JU	Ok
10	SSTDICC080	SSTDICC080	BF142474.D	20 May 2025 15:31		RC/JU	Ok
11	SSTDICV040	ICVBF052025	BF142475.D	20 May 2025 16:31		RC/JU	Ok
12	PB168067TB	PB168067TB	BF142476.D	20 May 2025 17:29		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052125

Review By	Rahul	Review On	5/22/2025 1:19:28 PM		
Supervise By	Jagrut	Supervise On	5/22/2025 2:53:36 PM		
SubDirectory	BF052125	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142477.D	21 May 2025 09:41		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142478.D	21 May 2025 10:40		RC/JU	Ok
3	PB168083BL	PB168083BL	BF142479.D	21 May 2025 11:09		RC/JU	Ok
4	PB168083BS	PB168083BS	BF142480.D	21 May 2025 11:37		RC/JU	Ok,M
5	Q2074-02	TP-7	BF142481.D	21 May 2025 12:14		RC/JU	Ok
6	Q2074-04	TP-20	BF142482.D	21 May 2025 12:43		RC/JU	Ok
7	Q2074-05	TP-38	BF142483.D	21 May 2025 13:11	Internal Standard Fail	RC/JU	ReRun
8	Q2074-06	TP-19	BF142484.D	21 May 2025 13:40		RC/JU	Ok
9	Q2074-08	TP-18	BF142485.D	21 May 2025 14:08	Internal Standard Fail	RC/JU	ReRun
10	Q2075-03	SS-11	BF142486.D	21 May 2025 14:37		RC/JU	Ok
11	Q2075-04MS	SS-11MS	BF142487.D	21 May 2025 15:06	Internal Standard Fail	RC/JU	Ok,M
12	Q2075-05MSD	SS-11MSD	BF142488.D	21 May 2025 15:34	Internal Standard Fail	RC/JU	Ok,M
13	Q2075-06	SS-MW1-11.5	BF142489.D	21 May 2025 16:03	Internal Standard Fail	RC/JU	Ok
14	Q2068-01	LAW-25-0075	BF142490.D	21 May 2025 16:32	Internal Standard Fail	RC/JU	Ok
15	Q2080-01	PL-HRH-COMP-01	BF142491.D	21 May 2025 17:10	Internal Standard Fail	RC/JU	ReRun
16	Q2080-07	PL-HRH-COMP-02	BF142492.D	21 May 2025 17:39	Internal Standard Fail	RC/JU	ReRun
17	Q2071-08	L1-WC-8	BF142493.D	21 May 2025 18:07	Internal Standard Fail	RC/JU	ReRun
18	Q2071-12	L1-WC-9	BF142494.D	21 May 2025 18:36		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052125

Review By	Rahul	Review On	5/22/2025 1:19:28 PM		
Supervise By	Jagrut	Supervise On	5/22/2025 2:53:36 PM		
SubDirectory	BF052125	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2075-01	SS-10	BF142495.D	21 May 2025 19:05	Internal Standard Fail	RC/JU	ReRun
20	Q2075-02	SS-910	BF142496.D	21 May 2025 19:34	Internal Standard Fail	RC/JU	ReRun
21	Q2074-01	TP-12	BF142497.D	21 May 2025 20:03	Internal Standard Fail	RC/JU	ReRun
22	Q2074-03	TP-15	BF142498.D	21 May 2025 20:32	Internal Standard Fail	RC/JU	ReRun
23	Q2074-07	TP-40	BF142499.D	21 May 2025 21:01	Internal Standard Fail	RC/JU	ReRun
24	Q2052-01	TP-B	BF142500.D	21 May 2025 21:30	Internal Standard Fail	RC/JU	ReRun

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052225

Review By	Rahul	Review On	5/23/2025 11:49:39 AM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:06:44 PM		
SubDirectory	BF052225	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142501.D	22 May 2025 10:43		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142502.D	22 May 2025 11:11		RC/JU	Ok
3	PB168104BL	PB168104BL	BF142503.D	22 May 2025 11:41		RC/JU	Ok
4	PB168104BS	PB168104BS	BF142504.D	22 May 2025 12:09		RC/JU	Ok,M
5	Q2074-05	TP-38	BF142505.D	22 May 2025 12:42		RC/JU	Ok
6	Q2074-08	TP-18	BF142506.D	22 May 2025 13:11		RC/JU	Ok
7	Q2080-01	PL-HRH-COMP-01	BF142507.D	22 May 2025 13:40		RC/JU	Ok
8	Q2080-07	PL-HRH-COMP-02	BF142508.D	22 May 2025 14:09		RC/JU	Ok
9	Q2071-08	L1-WC-8	BF142509.D	22 May 2025 14:38		RC/JU	Ok
10	Q2075-01	SS-10	BF142510.D	22 May 2025 15:07		RC/JU	Ok,M
11	Q2075-02	SS-910	BF142511.D	22 May 2025 15:36		RC/JU	Ok,M
12	Q2052-01	TP-B	BF142512.D	22 May 2025 16:04		RC/JU	Ok,M
13	Q2074-01	TP-12	BF142513.D	22 May 2025 16:34		RC/JU	Ok,M
14	Q2074-03	TP-15	BF142514.D	22 May 2025 17:03		RC/JU	Ok
15	Q2074-07	TP-40	BF142515.D	22 May 2025 17:32		RC/JU	Ok,M
16	Q2092-01	VNJ-202	BF142516.D	22 May 2025 18:00		RC/JU	Ok
17	Q2097-06	RBR251675	BF142517.D	22 May 2025 18:29		RC/JU	Ok
18	Q2097-08	VNJ-244	BF142518.D	22 May 2025 18:58		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF052225

Review By	Rahul	Review On	5/23/2025 11:49:39 AM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:06:44 PM		
SubDirectory	BF052225	HP Acquire Method	BNA_F	HP Processing Method	bf052025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2097-10	ETGI-290	BF142519.D	22 May 2025 19:27		RC/JU	Ok
20	Q2097-14	RBR251372	BF142520.D	22 May 2025 19:56		RC/JU	Ok
21	Q2095-05	WCS-TP2	BF142521.D	22 May 2025 20:25		RC/JU	Ok
22	Q2097-17	RT-3888	BF142522.D	22 May 2025 20:53		RC/JU	Ok
23	Q2101-01	TP-1-MHE	BF142523.D	22 May 2025 21:22		RC/JU	Ok,M
24	Q2104-01	TR-06-052125	BF142524.D	22 May 2025 21:51		RC/JU	Ok,M
25	Q2095-01	WCS-TP1	BF142525.D	22 May 2025 22:20		RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP051325

Review By	Rahul	Review On	5/14/2025 2:20:20 PM		
Supervise By	Jagrut	Supervise On	5/14/2025 5:16:42 PM		
SubDirectory	BP051325	HP Acquire Method	BNA_P	HP Processing Method	bp051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12664,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024613.D	13 May 2025 10:00		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024614.D	13 May 2025 10:41		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024615.D	13 May 2025 11:22	Compound#32-54-56-65-77 removed from 5 ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024616.D	13 May 2025 12:03		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024617.D	13 May 2025 12:43		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024618.D	13 May 2025 13:24	Compound#32-54-56 Kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP024619.D	13 May 2025 14:05		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024620.D	13 May 2025 14:45		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024621.D	13 May 2025 15:26		RC/JU	Ok,M
10	SSTDICV040	ICVBP051325	BP024622.D	13 May 2025 17:01		RC/JU	Ok,M
11	PB167917TB	PB167917TB	BP024623.D	13 May 2025 18:23		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052125

Review By	Rahul	Review On	5/22/2025 1:20:34 PM		
Supervise By	Jagrut	Supervise On	5/22/2025 2:52:30 PM		
SubDirectory	BP052125	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024736.D	21 May 2025 12:54		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024737.D	21 May 2025 14:48		RC/JU	Ok,M
3	PB168095BL	PB168095BL	BP024738.D	21 May 2025 15:29		RC/JU	Ok
4	PB168095BS	PB168095BS	BP024739.D	21 May 2025 16:09		RC/JU	Ok,M
5	PB168026BS	PB168026BS	BP024740.D	21 May 2025 16:50		RC/JU	Ok,M
6	Q2052-04	TP-B	BP024741.D	21 May 2025 17:34		RC/JU	Ok
7	Q2052-04MS	TP-BMS	BP024742.D	21 May 2025 18:14		RC/JU	Ok
8	Q2052-04MSD	TP-BMSD	BP024743.D	21 May 2025 18:55		RC/JU	Ok
9	Q2071-20	L2-WC-6	BP024744.D	21 May 2025 19:36	Internal Standard Fail	RC/JU	ReRun
10	Q2071-16	L2-WC-5	BP024745.D	21 May 2025 20:16		RC/JU	Ok
11	Q2071-04	L1-WC-7	BP024746.D	21 May 2025 20:57		RC/JU	Ok
12	Q2075-07	FB-05152025	BP024747.D	21 May 2025 21:38	Internal Standard Fail	RC/JU	ReRun
13	Q2075-08	FB-05162025	BP024748.D	21 May 2025 22:18		RC/JU	Ok
14	Q2084-01	OR-640-COMP-66	BP024749.D	21 May 2025 22:59		RC/JU	Ok,M
15	Q2087-03	NB-08-05202025	BP024750.D	21 May 2025 23:40		RC/JU	Ok
16	Q2087-01	NB-07-05202025	BP024751.D	22 May 2025 00:20		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024752.D	22 May 2025 09:35		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024753.D	22 May 2025 10:56		RC/JU	Ok,M
3	PB168098BL	PB168098BL	BP024754.D	22 May 2025 11:37		RC/JU	Ok
4	PB168098BS	PB168098BS	BP024755.D	22 May 2025 12:18		RC/JU	Ok,M
5	PB168098BSD	PB168098BSD	BP024756.D	22 May 2025 12:58		RC/JU	Ok,M
6	Q2071-20	L2-WC-6	BP024757.D	22 May 2025 13:39		RC/JU	Ok
7	Q2075-07	FB-05152025	BP024758.D	22 May 2025 14:19		RC/JU	Ok
8	Q2093-01	SOIL-DRUM	BP024759.D	22 May 2025 15:00		RC/JU	Ok
9	Q2097-07	VNJ-244	BP024760.D	22 May 2025 15:41		RC/JU	Ok
10	Q2097-05	RBR251675	BP024761.D	22 May 2025 16:22		RC/JU	Ok
11	Q2097-09	ETGI-290	BP024762.D	22 May 2025 17:02		RC/JU	Ok
12	Q2097-11	RT3419	BP024763.D	22 May 2025 17:43		RC/JU	Ok
13	Q2097-13	RBR251372	BP024764.D	22 May 2025 18:24		RC/JU	Ok
14	Q2097-15	72-12013	BP024765.D	22 May 2025 19:04		RC/JU	Ok
15	Q2097-01	ETGI-357	BP024766.D	22 May 2025 19:45		RC/JU	Ok
16	Q2088-01	252820	BP024767.D	22 May 2025 20:26		RC/JU	Ok
17	Q2093-14	WATER-COMP	BP024768.D	22 May 2025 21:07	Need 5X Dilution	RC/JU	Dilution
18	DFTPP	DFTPP	BP024769.D	22 May 2025 22:28		RC/JU	Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP052225

Review By	Rahul	Review On	5/23/2025 12:29:01 PM		
Supervise By	Jagrut	Supervise On	5/23/2025 5:03:58 PM		
SubDirectory	BP052225	HP Acquire Method	BNA_P	HP Processing Method	BP051325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12666,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC040	SSTDCCC040	BP024770.D	22 May 2025 23:09		RC/JU	Ok
20	PB168092TB	PB168092TB	BP024771.D	22 May 2025 23:50		RC/JU	Ok
21	Q2078-03	WC-A4-04-C	BP024772.D	23 May 2025 00:30		RC/JU	Ok
22	Q2078-07	WC-A4-05-C	BP024773.D	23 May 2025 01:11		RC/JU	Ok
23	Q2078-11	WC-A1-06A-C	BP024774.D	23 May 2025 01:52		RC/JU	Ok
24	Q2078-15	WC-A1-07A-C	BP024775.D	23 May 2025 02:32		RC/JU	Ok
25	Q2078-19	WC-A4-06-C	BP024776.D	23 May 2025 03:13		RC/JU	Ok
26	Q2079-03	WC-A2-01-C	BP024777.D	23 May 2025 03:54		RC/JU	Ok
27	Q2079-07	WC-A2-02-C	BP024778.D	23 May 2025 04:34		RC/JU	Ok
28	Q2079-11	WC-A2-03-C	BP024779.D	23 May 2025 05:15		RC/JU	Ok
29	Q2084-05	OR-640-COMP-66	BP024780.D	23 May 2025 05:56		RC/JU	Ok
30	Q2084-05MS	OR-640-COMP-66MS	BP024781.D	23 May 2025 06:37		RC/JU	Ok
31	Q2084-05MSD	OR-640-COMP-66MSD	BP024782.D	23 May 2025 07:17		RC/JU	Ok
32	Q2092-02	VNJ-202	BP024783.D	23 May 2025 07:58		RC/JU	Ok
33	Q2093-02	SOIL-DRUM	BP024784.D	23 May 2025 08:39		RC/JU	Ok
34	Q2097-02	ETGI-357	BP024785.D	23 May 2025 09:19		RC/JU	Ok
35	Q2097-04	RBR200044	BP024786.D	23 May 2025 10:00		RC/JU	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 05/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135825

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
Q1984-19	OU4-TB01-050725	1	1.00	1.00	2.00	2.00	100.0	T.B.
Q2074-01	TP-12	2	1.18	10.28	11.46	9.76	83.5	
Q2074-02	TP-7	3	1.18	10.15	11.33	10.18	88.7	
Q2074-03	TP-15	4	1.13	10.33	11.46	10.12	87.0	
Q2074-04	TP-20	5	1.12	10.65	11.77	10.1	84.3	
Q2074-05	TP-38	6	1.18	10.19	11.37	9.53	81.9	
Q2074-06	TP-19	7	1.16	10.12	11.28	9.85	85.9	
Q2074-07	TP-40	8	1.14	9.89	11.03	9.96	89.2	
Q2074-08	TP-18	9	1.15	10.16	11.31	9.07	78.0	
Q2075-01	SS-10	10	1.16	10.56	11.72	9.59	79.8	
Q2075-02	SS-910	11	1.17	10.05	11.22	9.34	81.3	
Q2075-03	SS-11	12	1.18	10.51	11.69	10.37	87.4	
Q2075-04	Q2075-03MS	13	1.18	10.51	11.69	10.37	87.4	
Q2075-05	Q2075-03MSD	14	1.18	10.51	11.69	10.37	87.4	
Q2075-06	SS-MW1-11.5	15	1.14	10.00	11.14	10.24	91.0	
Q2076-01	OILY-DEBRIS	16	1.00	1.00	2.00	2.00	100.0	oily-debris
Q2080-01	PL-HRH-COMP-01	17	1.13	10.62	11.75	10.32	86.5	
Q2080-02	PL-HRH-VOC-01	18	1.17	10.22	11.39	9.6	82.5	
Q2080-03	PL-HRH-01	19	1.12	10.77	11.89	10.16	83.9	
Q2080-04	PL-HRH-02	20	1.16	10.40	11.56	9.82	83.3	
Q2080-05	PL-HRH-03	21	1.15	10.00	11.15	9.43	82.8	
Q2080-07	PL-HRH-COMP-02	22	1.19	10.46	11.65	9.62	80.6	
Q2080-08	PL-HRH-VOC-02	23	1.14	10.76	11.9	9.8	80.5	
Q2080-09	PL-HRH-04	24	1.16	10.70	11.86	9.55	78.4	
Q2080-10	PL-HRH-05	25	1.19	10.43	11.62	9.52	79.9	
Q2080-11	PL-HRH-06	26	1.13	10.74	11.87	10.2	84.5	
Q2081-01	CAULK	27	1.00	1.00	2.00	2.00	100.0	caluk

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/20/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 05/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/20/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135825

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

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135825

WorkList Name : %1-051925 **WorkList ID :** 189586 **Department :** Wet-Chemistry **Date :** 05-19-2025 08:23:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1984-19	OU4-TB01-050725	Solid	Percent Solids	Cool 4 deg C	NOBI03	L41	05/07/2025	Chemtech -SO
Q2074-01	TP-12	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-02	TP-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-03	TP-15	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-04	TP-20	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-05	TP-38	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-06	TP-19	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-07	TP-40	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2074-08	TP-18	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2075-01	SS-10	Solid	Percent Solids	Cool 4 deg C	CAMP02	L31	05/16/2025	Chemtech -SO
Q2075-02	SS-910	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-03	SS-11	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-04	Q2075-03MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-05	Q2075-03MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2075-06	SS-MW1-11.5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/15/2025	Chemtech -SO
Q2076-01	OILY-DEBRIS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/16/2025	Chemtech -SO
Q2080-01	PL-HRH-COMP-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-02	PL-HRH-VOC-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-03	PL-HRH-01	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-04	PL-HRH-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-05	PL-HRH-03	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO

Date/Time 05-19-25 15:35

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 05-19-25 17:15

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB 135825

WorkList Name : %1-051925 **WorkList ID :** 189586 **Department :** Wet-Chemistry **Date :** 05-19-2025 08:23:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2080-07	PL-HRH-COMP-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-08	PL-HRH-VOC-02	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-09	PL-HRH-04	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-10	PL-HRH-05	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2080-11	PL-HRH-06	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/19/2025	Chemtech -SO
Q2081-01	CAULK	Solid	Percent Solids	Cool 4 deg C	ATCE02	L31	05/19/2025	Chemtech -SO

Date/Time 05.19.25 15:35

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 05.19.25 17:15

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168083

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/20/2025
Matrix :	Solid			**Extraction Start Time :**	09:45
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	05/20/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	13:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
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	EP2612
Baked Na2SO4	N/A	EP2614
Sand	N/A	EP2865
Methylene Chloride	N/A	E3930
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:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/20/25	RS (Ext lab)	RL/SVOC
13:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168083

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 05/20/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168083BL	SBLK083	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB168083BS	SLCS083	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q2074-01	TP-12	SVOC-TCL BNA -20	30.07	N/A	ritesh	Evelyn	1	E		3
Q2074-02	TP-7	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		4
Q2074-03	TP-15	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	E		5
Q2074-04	TP-20	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		6
Q2074-05	TP-38	SVOC-TCL BNA -20	30.08	N/A	ritesh	Evelyn	1	E		U1-1
Q2074-06	TP-19	SVOC-TCL BNA -20	30.06	N/A	ritesh	Evelyn	1	E		2
Q2074-07	TP-40	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	E		3
Q2074-08	TP-18	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	E		4
Q2075-01	SS-10	SVOCMS Group3	30.01	N/A	ritesh	Evelyn	1	E		5
Q2075-02	SS-910	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		6
Q2075-03	SS-11	SVOCMS Group3	30.04	N/A	ritesh	Evelyn	1	E		U2-1
Q2075-04	Q2075-03MS	SVOCMS Group3	30.07	N/A	ritesh	Evelyn	1	E		2
Q2075-05	Q2075-03MSD	SVOCMS Group3	30.03	N/A	ritesh	Evelyn	1	E		3
Q2075-06	SS-MW1-11.5	SVOCMS Group3	30.06	N/A	ritesh	Evelyn	1	E		4
Q2080-01	PL-HRH-COMP-01	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		5
Q2080-07	PL-HRH-COMP-02	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		6

RS 5/20

* **Extracts relinquished on the same date as received.**

Q2075-SVOCMS Group3

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2080BN **WorkList ID :** 189621 **Department :** Extraction **Date :** 05-20-2025 08:37:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2074-01	TP-12	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-02	TP-7	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-03	TP-15	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-04	TP-20	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-05	TP-38	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-06	TP-19	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-07	TP-40	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2074-08	TP-18	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	L31	05/16/2025	8270E
Q2075-01	SS-10	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-02	SS-910	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-03	SS-11	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-04	Q2075-03MS	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-05	Q2075-03MSD	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-06	SS-MW1-11.5	Solid	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/16/2025	8270E
Q2080-01	PL-HRH-COMP-01	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/19/2025	8270E
Q2080-07	PL-HRH-COMP-02	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/19/2025	8270E

Date/Time 05/20/25 9:40
Raw Sample Received by: RJ LEFT-(ccm)
Raw Sample Relinquished by:

Date/Time 05/20/25 10:05
Raw Sample Received by:
Raw Sample Relinquished by: RJ LEFT-(ccm)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168098

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	05/21/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	05/21/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:40
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,6,7	**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	SP6782
Surrogate	1.0ML	100/150 PPM	SP6754
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
Methylene Chloride	N/A	E3930
Baked Na2SO4	N/A	EP2614
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/21/25	RS (GLA Lab)	RC/SVOC
13:45	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168098

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 05/21/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168098BL	SBLK098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168098BS	SLCS098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168098BSD	SLCSD098	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2073-01	GDW1	SVOCMS Group2	980	6	RUPESH	ritesh	1	C		4
Q2073-02	GDW2	SVOCMS Group2	970	6	RUPESH	ritesh	1	C		5
Q2075-07	FB-05152025	SVOCMS Group3	810	6	RUPESH	ritesh	1	C		6
Q2075-08	FB-05162025	SVOCMS Group3	940	6	RUPESH	ritesh	1	C		7
Q2088-01	252820	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	O		8
Q2093-14	WATER-COMP	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	N		9

RS
5/21

* **Extracts relinquished on the same date as received.**

Q2075-SVOCMS Group3

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2073 **WorkList ID :** 189663 **Department :** Extraction **Date :** 05-21-2025 08:34:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2073-01	GDW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L41	05/16/2025	8270E
Q2073-02	GDW2	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L41	05/16/2025	8270E
Q2075-07	FB-05152025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/15/2025	8270E
Q2075-08	FB-05162025	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	L41	05/16/2025	8270E
Q2088-01	252820	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L31	05/20/2025	8270E
Q2093-14	WATER-COMP	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	L41	05/20/2025	8270E

Date/Time 5/21/25 8:35
Raw Sample Received by: RJ (EXA-Lab)
Raw Sample Relinquished by: CP SM

Date/Time 5/21/25 9:20
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (EXA-Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q2075

Test : SVOCMS Group3

Prepbatch ID : PB168083,PB168098,

Sequence ID/Qc Batch ID: bf052125,BF052225,BP052125,BP052225,

Standard ID :
EP2609,EP2610,EP2612,EP2614,EP2865,SP6754,SP6757,SP6769,SP6770,SP6782,SP6783,SP6784,SP6785,SP6786,SP6787,SP6788,SP6789,SP6790,SP6791,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3902,E3904,E3921,E3926,E3930,E3932,M6157,S10104,S10399,S10584,S11143,S11162,S11484,S11496,S11650,S11788,S11789,S11790,S11798,S11799,S12115,S12190,S12191,S12192,S12193,S12194,S12195,S12209,S12210,S12211,S12212,S12213,S12214,S12215,S12216,S12271,S12277,S12486,S12488,S12489,S12490,S12491,S12492,S12493,S12494,S12495,S12496,S12534,S12535,S12536,S12537,S12538,S12539,S12540,S12541,S12542,S12577,S12658,S12662,S12666,S12793,S12974,S12976,S12977,S12978,S12979,S12980,S12981,S12982,S12983,S13078,W3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1874	10 N SODIUM HYDROXIDE SOLN	EP2609	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of W3112 + 400.00000gram of E3657 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

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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	EP2612	05/09/2025	11/05/2025	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 05/09/2025

FROM 8000.00000ml of E3930 + 8000.00000ml of E3932 = Final Quantity: 16000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2614	05/19/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/19/2025

FROM 4000.00000gram of E3551 = 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
19	8270/CLP Surrogate Solution, 100 PPM BN/150 PPM ACID	SP6754	03/18/2025	09/18/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/03/2025

FROM 1930.00000ml of E3902 + 2.60000ml of S12216 + 2.70000ml of S12195 + 5.20000ml of S12210 + 5.30000ml of S12192 + 5.30000ml of S12194 + 5.30000ml of S12209 + 5.30000ml of S12211 + 5.30000ml of S12212 + 5.30000ml of S12213 + 5.40000ml of S12190 + 5.40000ml of S12214 + 5.60000ml of S12191 + 5.60000ml of S12215 + 5.70000ml of S12193 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6757	03/31/2025	09/30/2025	Rahul Chavli	None	None	Jagrut Upadhyay 04/01/2025

FROM 1.00000ml of S12577 + 19.00000ml of E3904 = Final Quantity: 20.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6769	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.04000ml of S12195 + 0.08000ml of S12216 + 0.10000ml of S11788 + 0.20000ml of S12486 + 0.20000ml of S12534 + 0.20000ml of S12974 + 1.18000ml of E3926 = Final Quantity: 2.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6770	04/10/2025	09/10/2025	Jagrut Upadhyay	None	None	Sohil Jodhani 04/16/2025

FROM 0.01000ml of S12658 + 0.60000ml of E3926 + 0.40000ml of SP6769 = 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
171	8270/625 Spike Solution, 50/100 PPM	SP6782	04/30/2025	05/31/2025	Rahul Chavli	None	None	Jagrut Upadhyay 05/15/2025

FROM 0.10000ml of S12488 + 0.20000ml of S12534 + 0.20000ml of S12983 + 0.40000ml of S10399 + 0.40000ml of S10584 + 0.40000ml of S11143 + 0.40000ml of S11484 + 0.40000ml of S11650 + 0.50000ml of S12542 + 0.80000ml of S12974 + 1.00000ml of S12496 + 1.10000ml of S11789 + 1.10000ml of S12492 + 1.20000ml of S11799 + 1.20000ml of S12491 + 1.20000ml of S12493 + 1.20000ml of S12976 + 1.20000ml of S12980 + 1.20000ml of S12982 + 1.30000ml of S11798 + 1.30000ml of S12490 + 1.30000ml of S12495 + 1.30000ml of S12535 + 1.30000ml of S12537 + 1.30000ml of S12538 + 1.30000ml of S12540 + 1.30000ml of S12541 + 1.30000ml of S12979 + 1.30000ml of S12981 + 1.40000ml of S11790 + 1.40000ml of S12489 + 1.40000ml of S12494 + 1.40000ml of S12536 + 1.40000ml of S12539 + 1.40000ml of S12977 + 1.40000ml of S12978 + 163.00000ml of E3921 = Final Quantity: 200.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6783	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.26700ml of S10104 + 0.40000ml of S11496 + 0.50000ml of S12115 + 1.00000ml of S11162 + 1.00000ml of S12271 + 1.00000ml of S12277 + 1.00000ml of S12793 + 1.00000ml of S13078 + 3.83300ml of E3930 = 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
413	80 ng BNA ICC, 80 PPM	SP6784	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.20000ml of E3930 + 0.80000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
412	60 ng BNA ICC, 60 PPM	SP6785	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.40000ml of E3930 + 0.60000ml of SP6783 = 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
411	50 ng BNA ICC, 50 PPM	SP6786	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
410	40 ng BNA ICC, 40 PPM	SP6787	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.60000ml of E3930 + 0.40000ml of SP6783 = 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
3678	20 ng BNA ICC, 20 PPM	SP6788	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.80000ml of E3930 + 0.20000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
407	5 ng BNA ICC, 5 PPM	SP6789	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.95000ml of E3930 + 0.05000ml of SP6783 = 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
408	10 ng BNA ICC, 10 PPM	SP6790	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.90000ml of E3930 + 0.10000ml of SP6783 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
175	2.5 ng BNA ICC, 2.5 PPM	SP6791	05/05/2025	06/21/2025	Jagrut Upadhyay	None	None	Rahul Chavli 05/16/2025

FROM 0.01000ml of S12662 + 0.50000ml of E3930 + 0.50000ml of SP6789 = Final Quantity: 1.010 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	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19510-5 / Sodium Hydroxide Pellets 2.5 Kg, Pk of 4	23B1556310	12/31/2025	12/04/2023 / Rajesh	12/01/2023 / Rajesh	E3657

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)	24H2762008	09/18/2025	03/18/2025 / RUPESH	02/12/2025 / RUPESH	E3902

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)	24K1762005	01/07/2026	03/13/2025 / RUPESH	12/27/2024 / RUPESH	E3904

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)	6789	09/24/2025	03/14/2025 / Rajesh	03/13/2025 / Rajesh	E3921

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)	25A0262002	10/08/2025	04/08/2025 / Rajesh	02/07/2025 / Rajesh	E3926

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A0262002	02/20/2026	05/02/2025 / RUPESH	03/09/2025 / RUPESH	E3930

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-112090-04 / CLP Acid Surrogate Solution, 7500 mg/L, 1ml	440246	07/30/2025	01/30/2025 / anahy	12/09/2021 / Christian	S10104

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]	A0185300	05/31/2025	04/30/2025 / Rahul	05/18/2022 / Christian	S10399

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]	A0186373	06/30/2025	01/29/2025 / anahy	07/05/2022 / Christian	S10584

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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]	A0194702	07/29/2025	01/29/2025 / anahy	02/20/2023 / Christian	S11143

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110817-01 / Custom 8270 Mix, 4-55, 1000 mg/L, 1 ml, (Maximum Expiration: 90 Days)	414125	06/21/2025	05/05/2025 / Jagrut	03/06/2023 / Christian	S11162

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	10/30/2025	04/30/2025 / Rahul	08/10/2023 / yogesh	S11484

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110094-02 / CLP Base/Neutral Surrogate Solution, 5000 mg/L, 1ml	506889	10/28/2025	04/28/2025 / Jagrut	08/11/2023 / Yogesh	S11496

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555872 / Custom Standard, pentachlorophenol Std [CS 5328-5]	A0201728	07/29/2025	01/29/2025 / anahy	11/09/2023 / Yogesh	S11650

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	09/10/2025	03/10/2025 / anahy	11/21/2023 / Rahul	S11788

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	10/25/2025	04/25/2025 / Jagrut	11/21/2023 / Rahul	S11789

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	10/30/2025	04/30/2025 / Rahul	11/21/2023 / Rahul	S11790

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	10/30/2025	04/30/2025 / Rahul	11/21/2023 / rahul	S11798

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	10/30/2025	04/30/2025 / Rahul	11/21/2023 / rahul	S11799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-010223-01 / 1,4-Dioxane Solution, 2,000mg/L, 1ml	454157	10/28/2025	04/28/2025 / Jagrut	03/08/2024 / Rahul	S12115

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12190

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12191

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12192

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12193

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12194

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12195

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12209

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12210

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12211

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12212

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12213

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12214

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	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12215

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31086 / Base Neutral Surrogate 5000ug/ml,CH2Cl2,5ml	A0206381	09/18/2025	03/18/2025 / anahy	03/15/2024 / Rahul	S12216

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	z-110381-01 / 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1ml	520963	10/28/2025	04/28/2025 / Jagrut	05/24/2024 / Rahul	S12271

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010442-07 / Benzaldehyde Solution, 1000 mg/L, 1.3 ml, (Maximum Expiration: 90 Days)	495833	11/05/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12277

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	09/10/2025	03/10/2025 / anahy	07/23/2024 / RAHUL	S12486

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/25/2025	04/25/2025 / Jagrut	07/23/2024 / RAHUL	S12488

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12489

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12490

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12491

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12492

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12493

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12494

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12495

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12496

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	10/10/2025	04/10/2025 / Jagrut	07/23/2024 / RAHUL	S12534

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12535

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12536

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12537

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12538

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12539

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12540

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	11/01/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12541

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	10/30/2025	04/30/2025 / Rahul	07/23/2024 / RAHUL	S12542

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31615 / SV Mixture, GC/MS Tuning Mixture, CH2Cl2, 1mL,	A0212955	06/30/2027	03/31/2025 / Rahul	08/01/2024 / Rahul	S12577

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	04/30/2030	04/07/2025 / anahy	09/20/2024 / anahy	S12658

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	11/01/2025	05/01/2025 / Rahul	09/20/2024 / anahy	S12662

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31206 / SV Mix, CLP method, Internal Std, 2000ug/mL, CH2Cl2, 1mL	A0212266	11/21/2025	05/21/2025 / Rahul	09/20/2024 / anahy	S12666

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-110816-01 / Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL, (Maximum Expiration: 180 Days)	414127	06/21/2025	05/05/2025 / Jagrut	05/24/2024 / Rahul	S12793

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]	A0219438	09/10/2025	03/10/2025 / anahy	12/11/2024 / anahy	S12974

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12976

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12977

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12978

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12979

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12980

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12981

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12982

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]	A0219438	09/30/2025	04/30/2025 / Rahul	12/11/2024 / anahy	S12983

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	525551	11/05/2025	05/05/2025 / Jagrut	03/10/2025 / anahy	S13078

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0 **Page 1 of 1**

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110817-01	414125	≤ -10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-55, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acetophenone	98-86-2	99.2	85.8.1P	998 ± 11.5
benzoic acid	65-85-0	100	123.7.1P	1010 ± 5.88
biphenyl	92-52-4	99.9	366.29.1P	999 ± 5.82
1,2,4,5-tetrachlorobenzene	95-94-3	99.7	53.7.2P	993 ± 5.79

Received on
02/07/23
by
CG
S11089
to
S11093

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
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Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-112090-04	440246	≤ -10 °C	Methylene Chloride	2/16/2026	CLP Acid Surrogate Solution, 7,500 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
2-chlorophenol-d_4	93951-73-6	99.3	248.12.7P	7487 ± 17.2
2-fluorophenol	367-12-4	99.8	10.7.3.3P	7513 ± 17.26
phenol-d6	13127-88-3	99.9	949.120.8P	7481 ± 17.19
2,4,6-tribromophenol	118-79-6	99.8	12.1.6P	7469 ± 17.17

Received on
02/25/21
by
CG

S9236
to
S9240

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Erica Castiglione

Erica Castiglione
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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Gravimetric Certificate

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Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received by CG on 05/19/22

S10393 to S10402

Catalog No. : 555871 **Lot No.:** A0185300

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 : May 31, 2025 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	4-Nitrophenol	25,060.0 µg/mL	+/- 231.9100 µg/mL	Gravimetric
	CAS # 100-02-7 (Lot MKCN1089)		+/- 753.2622 µg/mL	Unstressed
	Purity 99%		+/- 905.6020 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Katelyn McGinnis - Operations Tech I

Date Mixed: 16-May-2022 **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 combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules 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 ampules. 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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Testing Laboratory
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Received by
CG
on
07/05/22
S 10583
to
S 10592

Catalog No. : 555868 **Lot No.:** A0186373

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, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Benzidine	25,200.0 µg/mL	+/- 233.2055 µg/mL	Gravimetric
	CAS # 92-87-5 (Lot 220511RSR)		+/- 351.6606 µg/mL	Unstressed
	Purity 99%		+/- 512.6054 µg/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician

Date Mixed: 16-Jun-2022 **Balance:** 1122030677

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 combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules 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 ampules. 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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555869 **Lot No.:** A0194702

Description : Custom Hexachlorocyclopentadiene Standard

Custom Hexachlorocyclopentadiene Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 28, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)
1	Hexachlorocyclopentadiene	77-47-4	0012019	99%	25,008.0 µg/mL

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Russ Bookhamer - Operations Technician I

Date Mixed: 15-Feb-2023 **Balance:** B442140311

Manufactured under Restek Registered Quality Certificate #FM

tified Reference Material Notes

tes:

n date valid for unopened ampul stored in compliance with the recommended conditions.

nty, concentration, and expiration of the CRM are based on the unopened product being stored according to the ended condition found in the storage field.

d/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, LC/MS, RI, and/or melting point.

nds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A n factor is used to calculate the amount of compound necessary to achieve the desired concentration of the ompound in solution.

isomeric compounds is reported as the sum of the isomers.

lues are rounded to the nearest whole number.

rtainty Value Notes:

rtainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded ty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability ty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

erage factor of 2, which gives a level of confidence of approximately 95%.

ged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure nimum packaged amount can be sufficiently transferred.

Notes:

tion is based upon gravimetric preparation using either a balance whose calibration has been verified daily traceable weights, and/or dilutions with Class A glassware.

:

the unopened product, when stored in compliance with the recommended conditions, is guaranteed through ion displayed on the product label and certificate. Contact Restek for additional opened product stability ı, with the knowledge/understanding that open product stability is subject to the specific handling and ntal conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with ards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom m. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, des complete instructions.

ssolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
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:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
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%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

RG-02-01, Ed. 3

Recd. by RP on 7/24/23 E3551

VWR®

Certificate of Analysis

Sodium Hydroxide (Pellets)

Material: 0583
Grade: ACS GRADE
Batch Number: 23B1556310

Chemical Formula: NaOH
Molecular Weight: 40
CAS #: 1310-73-2
Appearance:

Pellets

Manufacture Date: 12/14/2022
Expiration Date: 12/31/2025

Storage: Room Temperature

TEST	SPECIFICATION	ANALYSIS	DISPOSITION
Calcium	<= 0.005 %	<0.005 %	PASS
Chloride	<= 0.005 %	0.002 %	PASS
Heavy Metals	<= 0.002 %	<0.002 %	PASS
Iron	<= 0.001 %	<0.001 %	PASS
Magnesium	<= 0.002 %	<0.002 %	PASS
Mercury	<= 0.1 ppm	<0.1 ppm	PASS
Nickel	<= 0.001 %	<0.001 %	PASS
Nitrogen Compounds	<= 0.001 %	<0.001 %	PASS
Phosphate	<= 0.001 %	<0.001 %	PASS
Potassium	<= 0.02 %	<0.02 %	PASS
Purity	>= 97.0 %	99.2 %	PASS
Sodium Carbonate	<= 1.0 %	0.5 %	PASS
Sulfate	<= 0.003 %	<0.003 %	PASS

Internal ID #: 710

Signature

We certify that this batch conforms to the specifications listed.

This document has been electronically produced and is valid without a signature.

Leona Edwardson, Quality Control Sr. Manager - Solon
VWR Chemicals, LLC.
28600 Fountain Parkway, Solon OH 44139 USA

Additional Information

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

E 3657	E 3659
E 3654	E 3660

PO: PO2-798 PRODUCT CODE: SHIP DATE: 12/9/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3902

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

PO: PO2-1308 PRODUCT CODE: SHIP DATE: 2/7/25

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
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	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 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

E 3926

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

PO: PO2-1178.2 PRODUCT CODE: SHIP DATE: 1/20/2025

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 25A0262002
Manufactured Date: 2024-11-21
Expiration Date:2026-02-20
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	4
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.8 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

E3930

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
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.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD RS

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

M615 MB

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H_2SO_4)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110094-02	506889	≤ -10 °C	Methylene Chloride	7/25/2028	CLP Base/Neutral Surrogate Solution, 5,000 mg/L, 1 ml

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2-dichlorobenzene-d_4	2199-69-1	99.7	247.29.3P	5035 ± 28.02
2-fluorobiphenyl	321-60-8	99.69	8.286.1.1P	4999 ± 103.66
nitrobenzene-d5	4165-60-0	99.67	7.9.3P	4988 ± 27.32
p-terphenyl-d14	1718-51-0	99.3	9.120.8P	5005 ± 27.85

511494 to 511498 } Y.P. 08/11/2023

*Not a certified value

Certified By: _____

Clint Tipton
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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.)

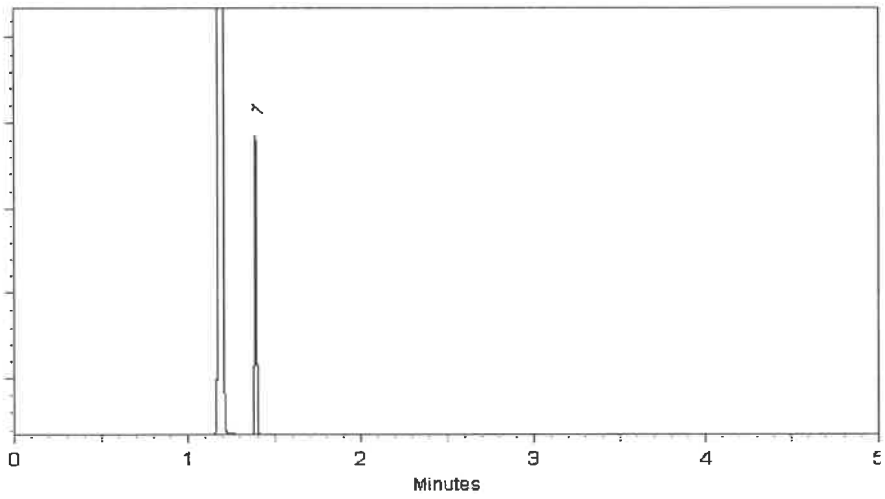
Inj. Temp:
250°C

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.

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Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** A0200655

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2028 **Storage:** 0°C or colder

Ship: Ambient

S11795 ↓ S11808 RC 11/30/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	SHBQ1693	99%	2,007.0 µg/mL	+/- 24.9775

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

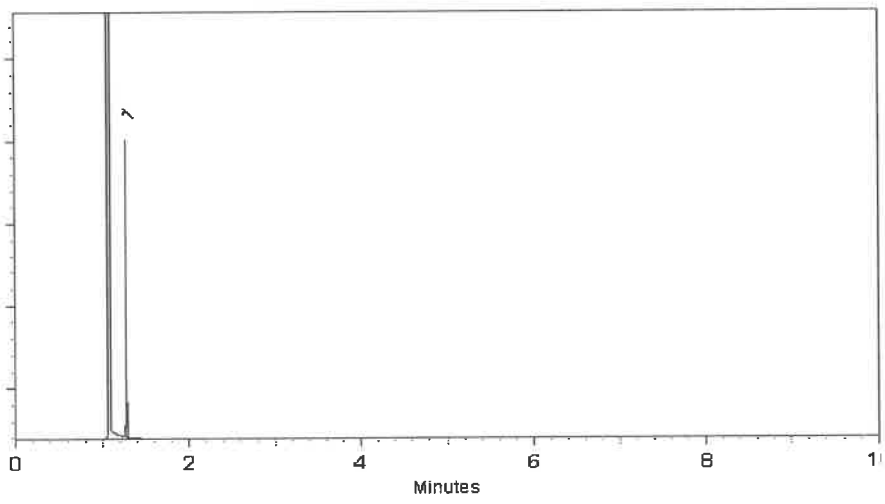
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 06-Aug-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Aug-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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by TUV USA to ISO 9001:2015

Date Received:_____

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-020223-01	454157	≤ -10 °C	P/T Methanol	6/10/2026	1,4-Dioxane Solution, 2000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,4-dioxane	123-91-1	100	223.1.3P	1997 ± 57.08

S12112 ↓ S12116 } RC/ 03/08/24

*Not a certified value

Certified By: Melissa Workoff

Melissa Workoff
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

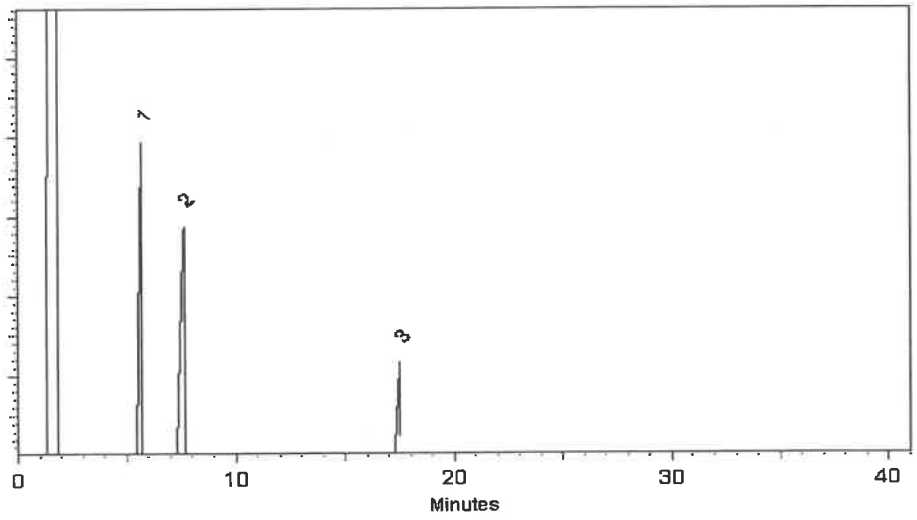
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

S12207 ↓ S12221 RC/ 03/18/24

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

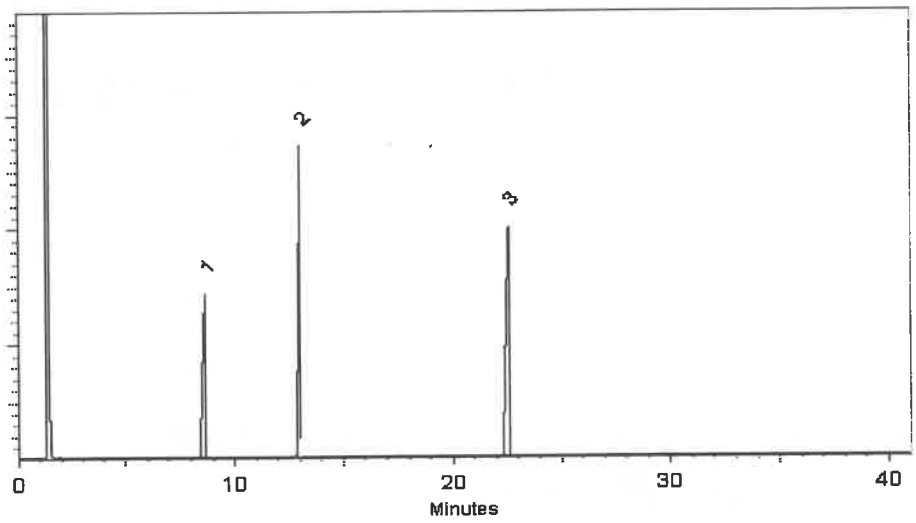
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Date Received: _____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110381-01	520963	≤ -10 °C	Methylene Chloride	10/10/2028	Method 8270 Calibration Solution, 76-1, 500 & 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
acenaphthene	83-32-9	99.9	13.1.5P	1010 ± 9.89
acenaphthylene	208-96-8	97.6	14.290.1P	1014 ± 9.93
aniline	62-53-3	99.97	64.1.4P	1001 ± 9.8
anthracene	120-12-7	99.5	15.7.1P	999.6 ± 9.79
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 9.8
benzo[a]anthracene	56-55-3	100	16.7.3P	1007 ± 9.86
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1011 ± 14.11
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 10.96
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 13.95
benzo[a]pyrene	50-32-8	97	20.286.2P	999.9 ± 22.24
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 9.82
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	1000 ± 14.69
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1003 ± 13.89
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.15P	999.4 ± 14.68
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 9.8
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 17.03
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1.1P	1000 ± 13.85
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 16.79
carbazole	86-74-8	99.4	239.7.2P	1000 ± 9.8

S12270 ↓ S12274 } RC 05/24/24

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
4-chloroaniline	106-47-8	100	66.7.1P	1000 ± 9.79
4-chlorophenylphenyl ether	7005-72-3	98	37.158.2P	1001 ± 17.07
4-chloro-3-methylphenol	59-50-7	99	102.1.2P	1006 ± 17.16
2-chloronaphthalene	91-58-7	99.9	42.7.6P	1000 ± 9.79
2-chlorophenol	95-57-8	99.8	103.7.1P	1007 ± 13.96
chrysene	218-01-9	96	21.286.2P	998.4 ± 12.85
dibenz[a,h]anthracene	53-70-3	99.44	22.286.3P	1000 ± 9.74
dibenzofuran	132-64-9	100	67.7.2.1P	1002 ± 9.77
di-n-butyl phthalate	84-74-2	99.84	40.286.1P	1007 ± 24.48
1,2-dichlorobenzene	95-50-1	99.8	43.7.1P	1000 ± 9.79
1,3-dichlorobenzene	541-73-1	99.5	44.1.3P	999.4 ± 9.79
1,4-dichlorobenzene	106-46-7	99.9	45.29.2P	1000 ± 9.79
2,4-dichlorophenol	120-83-2	99.6	104.7.1.1P	1005 ± 13.93
diethyl phthalate	84-66-2	99.8	38.7.1P	1011 ± 14
2,4-dimethylphenol	105-67-9	99.6	105.7.1.1P	1009 ± 13.98
dimethyl phthalate	131-11-3	99.9	39.9.2P	996.5 ± 13.8
1,2-dinitrobenzene	528-29-0	99.86	86.7.3.1P	999.5 ± 9.75
1,3-dinitrobenzene	99-65-0	100	313.7.2P	998 ± 9.79
1,4-dinitrobenzene	100-25-4	100	907.7.1P	999.5 ± 9.8
2,4-dinitrophenol	51-28-5	99.9	106.1.6DP	1002 ± 13.89
2,4-dinitrotoluene	121-14-2	100	87.7.3P	999.8 ± 13.85
2,6-dinitrotoluene	606-20-2	99.4	88.7.2.1P	999.6 ± 13.85
di-n-octyl phthalate	117-84-0	99.1	41.7.5P	991.6 ± 13.74
diphenylamine	122-39-4	100	78.1.6P	998 ± 13.79
2,3,5,6-tetrachlorophenol	935-95-5	97	1112.286.1P	1004 ± 14.02
fluoranthene	206-44-0	98.6	23.7.4P	999.6 ± 9.79
fluorene	86-73-7	98.4	24.7.1P	999.7 ± 9.79

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
hexachlorobenzene	118-74-1	99	46.158.4P	999.9 ± 13.96
hexachlorobutadiene	87-68-3	97.4	47.1.4P	1000 ± 9.79
hexachlorocyclopentadiene	77-47-4	99.2	48.2.2P	1001 ± 9.8
hexachloroethane	67-72-1	99.9	49.1.4P	1003 ± 9.82
indeno[1,2,3-cd]pyrene	193-39-5	98	25.286.4P	999.4 ± 22.23
isophorone	78-59-1	98.9	90.1.4P	999.9 ± 13.85
2-methyl-4,6-dinitrophenol	534-52-1	99.6	107.421.2DP	991 ± 24.09
1-methylnaphthalene	90-12-0	97.1	249.7.5P	999.2 ± 13.95
2-methylnaphthalene	91-57-6	97.4	68.7.2P	1006 ± 22.38
2-methylphenol	95-48-7	99.6	114.7.3P	1001 ± 13.87
3-methylphenol	108-39-4	99.1	115.7.4P	499.7 ± 6.92
4-methylphenol	106-44-5	99.5	116.7.1P	501.2 ± 6.94
naphthalene	91-20-3	99.8	26.9.1P	1018 ± 9.97
2-nitroaniline	88-74-4	99.7	69.29.1P	999.6 ± 9.79
3-nitroaniline	99-09-2	100	70.7.3P	1000 ± 9.74
4-nitroaniline	100-01-6	99.7	71.29.1P	1001 ± 9.8
nitrobenzene	98-95-3	100	94.7.1P	1000 ± 13.85
2-nitrophenol	88-75-5	99.1	108.29.1P	996.5 ± 13.81
4-nitrophenol	100-02-7	100	109.7.1P	1000 ± 13.82
N-nitrosodimethylamine	62-75-9	99.5	57.3.19P	998.5 ± 14.67
N-nitrosodi-n-propylamine	621-64-7	99.8	59.286.1P	996.8 ± 17
pentachlorophenol	87-86-5	99	110.1.7P	1004 ± 13.92
phenanthrene	85-01-8	99.7	27.1.5P	999 ± 12.87
phenol	108-95-2	100	112.7.1P	998.5 ± 13.8
pyrene	129-00-0	99.2	28.9.2P	998.9 ± 9.78
pyridine	110-86-1	100	101.24.1P	999 ± 9.73
2,3,4,6-Tetrachlorophenol	58-90-2	91.8	120.421.1P	996.5 ± 13.92

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

Certificate of Analysis

Catalog No.: Z-110381-01 **Lot No.:** 520963 **Expiration Date:** 10/10/2028

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	999.6 ± 9.79
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	999.5 ± 13.85
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	996 ± 13.8

*Not a certified value

Certified By: Kerry E Kane

Kerry Kane
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010442-07	495833	≤ -10 °C	Methylene Chloride	1/16/2028	Benzaldehyde Solution, 1000 mg/L, 1.3 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
benzaldehyde	100-52-7	98.3	442.421.1P	996.8 ± 11.49

S12275 ↓ S12279 } RC/ 05/24/24

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricllly.

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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. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II **Date Mixed:** 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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. : 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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

(707)525-5788
(800)878-7654 Toll Free
(707)545-7901 Fax

Manufacturer's Quality System
Audited & Registered
by TUV USA to ISO 9001:2015

Date Received:_____

Certificate of Analysis

Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-110816-01	414127	≤-10 °C	Methylene Chloride	6/21/2025	Custom 8270 Mix, 4-79, 1000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
atrazine	1912-24-9	99.5	337.7.3P	997 ± 5.81
benzidine	92-87-5	99.9	124.18.6.2P	991.8 ± 5.77
caprolactam	105-60-2	99.9	271.1.6P	999 ± 5.82

S12280 ↓ S12284 RCI 05/24/24

New numbers Generated.

S12790 ↓ S12794 RCI 11/12/24

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: _____
Shane Overcash
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 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.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12963 → S12992 AC 12/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2025 **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	Pyridine	110-86-1	SHBP6240	99%	1,008.3 µg/mL	+/- 36.6849
2	N-Nitrosodimethylamine	62-75-9	S240313RSR	99%	1,008.6 µg/mL	+/- 36.6985
3	Phenol	108-95-2	MKCK1120	99%	1,003.5 µg/mL	+/- 36.5120
4	Aniline	62-53-3	X22F726	99%	1,002.9 µg/mL	+/- 36.4893
5	Bis(2-chloroethyl)ether	111-44-4	002891T24M	99%	1,003.0 µg/mL	+/- 36.4938
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,005.6 µg/mL	+/- 36.5894
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,004.1 µg/mL	+/- 36.5348
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,002.1 µg/mL	+/- 36.4620
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,003.5 µg/mL	+/- 36.5120
10	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	1,005.3 µg/mL	+/- 36.5757
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,008.4 µg/mL	+/- 36.6894
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,004.6 µg/mL	+/- 36.5530
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	502.1 µg/mL	+/- 18.2697
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.8 µg/mL	+/- 18.3288
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,006.5 µg/mL	+/- 36.6212
16	Hexachloroethane	67-72-1	DAXRI	99%	1,004.5 µg/mL	+/- 36.5484
17	Nitrobenzene	98-95-3	10224044	99%	1,002.5 µg/mL	+/- 36.4757

18	Isophorone	78-59-1	MKCR3249	99%	1,003.4	µg/mL	+/- 36.5075
19	2-Nitrophenol	88-75-5	RP230710	99%	1,002.5	µg/mL	+/- 36.4757
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,006.5	µg/mL	+/- 36.6212
21	Bis(2-chloroethoxy)methane	111-91-1	15705100	99%	1,006.6	µg/mL	+/- 36.6257
22	2,4-Dichlorophenol	120-83-2	BCCK6969	99%	1,001.5	µg/mL	+/- 36.4393
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,006.4	µg/mL	+/- 36.6166
24	Naphthalene	91-20-3	STBL1057	99%	1,002.1	µg/mL	+/- 36.4620
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,004.4	µg/mL	+/- 36.5439
26	Hexachlorobutadiene	87-68-3	X05J	98%	1,002.5	µg/mL	+/- 36.4771
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,004.5	µg/mL	+/- 36.5484
28	2-Methylnaphthalene	91-57-6	STBL3028	99%	1,000.0	µg/mL	+/- 36.3847
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	990.2	µg/mL	+/- 36.0269
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,001.3	µg/mL	+/- 36.4325
31	2,4,6-Trichlorophenol	88-06-2	STBK8870	99%	1,006.4	µg/mL	+/- 36.6166
32	2,4,5-Trichlorophenol	95-95-4	3YFRE	97%	1,004.6	µg/mL	+/- 36.5505
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,004.3	µg/mL	+/- 36.5393
34	2-Nitroaniline	88-74-4	RP240715RSR	99%	1,004.4	µg/mL	+/- 36.5439
35	1,4-Dinitrobenzene	100-25-4	RP240703RSR	99%	1,002.8	µg/mL	+/- 36.4847
36	Acenaphthylene	208-96-8	RP241029RSR	98%	1,000.0	µg/mL	+/- 36.3835
37	1,3-Dinitrobenzene	99-65-0	TRC3-1075941-2-1	99%	1,006.3	µg/mL	+/- 36.6121
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,008.9	µg/mL	+/- 36.7076
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,006.6	µg/mL	+/- 36.6257
40	1,2-Dinitrobenzene	528-29-0	RP240701RSR	99%	1,002.5	µg/mL	+/- 36.4757
41	Acenaphthene	83-32-9	MKCR7169	99%	1,000.0	µg/mL	+/- 36.3847
42	3-Nitroaniline	99-09-2	RP240708RSR	99%	1,004.6	µg/mL	+/- 36.5530
43	2,4-Dinitrophenol	51-28-5	D240927RSR	----%	1,005.6	µg/mL	+/- 36.5894
44	Dibenzofuran	132-64-9	MKCN1772	99%	1,003.5	µg/mL	+/- 36.5120
45	2,4-Dinitrotoluene	121-14-2	102869V26E	99%	1,008.3	µg/mL	+/- 36.6849
46	4-Nitrophenol	100-02-7	20241029-2-AN	99%	1,004.8	µg/mL	+/- 36.5575
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-34476	99%	1,005.8	µg/mL	+/- 36.5939
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP231219RSR	99%	1,006.4	µg/mL	+/- 36.6166
49	Fluorene	86-73-7	10246250	98%	1,000.7	µg/mL	+/- 36.4102
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,004.9	µg/mL	+/- 36.5621
51	Diethylphthalate	84-66-2	BCCJ6241	99%	1,003.9	µg/mL	+/- 36.5257
52	4-Nitroaniline	100-01-6	RP230111	99%	1,006.6	µg/mL	+/- 36.6257
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	S241008RSR	99%	1,001.3	µg/mL	+/- 36.4302

54	Diphenylamine	122-39-4	MKCT1512	99%	1,003.0	µg/mL	+/- 36.4938
55	Azobenzene	103-33-3	BCCK0887	99%	1,002.4	µg/mL	+/- 36.4711
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,008.8	µg/mL	+/- 36.7031
57	Hexachlorobenzene	118-74-1	15458400	99%	1,005.1	µg/mL	+/- 36.5712
58	Pentachlorophenol	87-86-5	RP240517RSR	99%	1,005.9	µg/mL	+/- 36.5984
59	Phenanthrene	85-01-8	MKCT3391	99%	1,004.9	µg/mL	+/- 36.5621
60	Anthracene	120-12-7	101492T18R	99%	1,005.1	µg/mL	+/- 36.5712
61	Carbazole	86-74-8	15276700	99%	1,005.4	µg/mL	+/- 36.5803
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,006.3	µg/mL	+/- 36.6121
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,003.5	µg/mL	+/- 36.5120
64	Pyrene	129-00-0	BCCK2592	99%	1,002.0	µg/mL	+/- 36.4575
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,007.5	µg/mL	+/- 36.6576
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.9	µg/mL	+/- 36.5984
67	Benz(a)anthracene	56-55-3	I70012022BAA	99%	1,005.5	µg/mL	+/- 36.5848
68	Chrysene	218-01-9	RP241007RSR	99%	1,005.3	µg/mL	+/- 36.5757
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCS8065	99%	1,007.5	µg/mL	+/- 36.6576
70	Di-n-octyl phthalate	117-84-0	15566400	99%	1,002.3	µg/mL	+/- 36.4666
71	Benzo(b)fluoranthene	205-99-2	052013B	99%	1,004.1	µg/mL	+/- 36.5348
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,002.8	µg/mL	+/- 36.4847
73	Benzo(a)pyrene	50-32-8	NQLXA	98%	1,006.2	µg/mL	+/- 36.6108
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,001.8	µg/mL	+/- 36.4490
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,003.3	µg/mL	+/- 36.5029
76	Benzo(g,h,i)perylene	191-24-2	RP241014RSR	98%	1,003.8	µg/mL	+/- 36.5217

* 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.

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2075
COC Number 2045940

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave. #8 6th Floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt. Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: Encinas Ma@cdmsmith.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Floor
CITY Edison STATE: NJ ZIP: 0837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

FAX (RUSH) 5 business DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☑ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1. MySEE Table 3 SVOC
2. MySEE Table 3 CP51 SVOC
3.
4.
5.
6.
7.
8.
9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES A-ASCORBIC ACID 1	PRESERVATIVES E 2	3	4	5	6	7	8	9	COMMENTS
1.	FB-05152025	Aq		✓	5/15/25	1230	3	✓	✓								CP-51 Table 3 per email and see attached
2.	SS-10	Soil		✓	5/15/25	1310	5	✓	✓								
3.	SS-910	Soil		✓	5/15/25	1315	5	✓	✓								
4.	SS-11 (MS/MSD)	Soil		✓	5/15/25	1400	15	✓	✓								
5.	SS-MW1-11.5	Soil		✓	5/16/25	0835	5	✓	✓								
6.	FB-05162025	Aq		✓	5/16/25	1535	3	✓	✓								
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	5/16/25 1555	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.4 °C
Comments: IR Gun #1

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

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WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2075 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/16/2025 4:10:00 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 5/16/2025 3:55:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2075-01	SS-10	Solid	05/15/2025	~~12:30~~ 13:10	VOCMS Group3		8260D	~~10 Bus~~. Days	5 days
Q2075-02	SS-910	Solid	05/15/2025	~~13:10~~ 13:15	VOCMS Group3		8260D	~~10 Bus~~. Days	
Q2075-03	SS-11	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~10 Bus~~. Days	
Q2075-04	Q2075-03MS	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~10 Bus~~. Days	
Q2075-05	Q2075-03MSD	Solid	05/15/2025	~~13:15~~ 14:00	VOCMS Group3		8260D	~~10 Bus~~. Days	
Q2075-06	SS-MW1-11.5	Solid	05/16/2025	08:35	VOCMS Group3		8260D	~~10 Bus~~. Days	
Q2075-07	FB-05152025	Water	05/15/2025	12:30	VOCMS Group3		8260-Low	~~10~~ Bus. Days	
Q2075-08	FB-05162025	Water	05/16/2025	15:35					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2075 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 5/16/2025 4:10:00 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 5/16/2025 3:55:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260-Low	~~10~~ Bus. Days	5 Days

Relinguished By : CL
Date / Time : 5/19/25 11:30

Received By : Sam
Date / Time : 05/19/25 11:30
Storage Area : VOA Refridgerator Room

Rg # 6 522
Rg # 4