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

DATA PACKAGE

SEMI-VOLATILE ORGANICS

PROJECT NAME : FT MEADE TIPTON AIRFIELD PARCEL RI - PO 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID : Q1211

ATTENTION : Nathan Fretz

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1211

Project ID : Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client : Weston Solutions

Lab Sample Number	Client Sample Number
Q1211-01	TAPHHA-MW01-012825-00-T4
Q1211-02	TAPIAL2-MW03-012825-00-T3
Q1211-03	TAP-TB-02-012825-T4

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

Signature : _____

Date: 2/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1211
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 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.
The Retention Times were acceptable for all samples.
The RPD met criteria .

The Blank Spike for {PB166363BS} with File ID: BF141326.D met requirements for all samples except for 4-Chloroaniline[29%], Hexachlorocyclopentadiene[160%], marginally low therefore no corrective action was taken.

The Blank Spike Duplicate for {PB166363BSD} with File ID: BF141327.D met requirements for all samples except for 3-Nitroaniline[40%], 4-Chloroaniline[25%] and Hexachlorocyclopentadiene[160%],marginally low therefore no corrective action was taken.

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

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E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
The not QT review data is reported in the Miscellaneous.
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. Calculation for Concentration in Water Samples:

$$\text{Concentration ug/L} = \frac{(Ax)\,(Is)\,(Vt)\,(DF)\,(GPC)}{(Ais)\,(RRF)\,(Vo)\,(Vi)}$$

Where,
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the internal standard.
Is = Amount of internal standard injected in ng.
Vo = Volume of water extracted in mL.
Vi = Volume of extract injected in uL.
Vt = Volume of the concentrated extract in uL
RRF = Mean Relative Response Factor determined from the initial calibration standard.
GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)

G. 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

CHEMTECH PROJECT NUMBER: Q1211 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.			
	The Surrogate recoveries met the acceptable criteria.			

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

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike for {PB166363BS} with File ID: BF141326.D met requirements for all samples except for 4-Chloroaniline[29%], Hexachlorocyclopentadiene[160%], marginally low therefore no corrective action was taken.			
	The Blank Spike Duplicate for {PB166363BSD} with File ID: BF141327.D met requirements for all samples except for 3-Nitroaniline[40%], 4-Chloroaniline[25%] and Hexachlorocyclopentadiene[160%],marginally low therefore no corrective action was taken.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

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

The not QT review data is reported in the Miscellaneous.

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 Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1211

	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:** 02/11/2025

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LAB CHRONICLE

OrderID:	Q1211	**OrderDate:**	1/29/2025 10:10:00 AM
Client:	Weston Solutions	**Project:**	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1211-01	**TAPHHA-MW01-01282 5-00-T4**	**Water**			**01/28/25**			**01/29/25**
			SVOC-TCL BNA -20	8270E		01/30/25	01/31/25	
Q1211-02	**TAPIAL2-MW03-0128 25-00-T3**	**Water**			**01/28/25**			**01/29/25**
			SVOC-TCL BNA -20	8270E		01/30/25	01/31/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1211

Client: Weston Solutions

Sample ID	Client ID	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**TAPHHA-MW01-012825-00-T4**								
Q1211-01	TAPHHA-MW01-012825 WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.400	A	0		0	ug/L
Q1211-01	TAPHHA-MW01-012825 WATER	Palmitoleic acid	*	2.600	J	0		0	ug/L
		Total Tics :			**6.00**				
		Total Concentration:			**6.00**				
Client ID :	**TAPIAL2-MW03-012825-00-T3**								
Q1211-02	TAPIAL2-MW03-012825 WATER	Benzophenone	*	2.600	J	0		0	ug/L
Q1211-02	TAPIAL2-MW03-012825 WATER	n-Hexadecanoic acid	*	2.600	J	0		0	ug/L
Q1211-02	TAPIAL2-MW03-012825 WATER	Propane, 1,1-dimethoxy-	*	2.100	JB	0		0	ug/L
		Total Tics :			**7.30**				
		Total Concentration:			**7.30**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1211

Client: Weston Solutions

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166363BL	PB166363BL	2-Fluorophenol	150	119	79		19	119
		Phenol-d6	150	116	78		10	130
		Nitrobenzene-d5	100	81.7	82		44	120
		2-Fluorobiphenyl	100	77.3	77		44	119
		2,4,6-Tribromophenol	150	115	76		43	140
		Terphenyl-d14	100	78.3	78		50	134
PB166363BS	PB166363BS	2-Fluorophenol	150	117	78		19	119
		Phenol-d6	150	117	78		10	130
		Nitrobenzene-d5	100	81.2	81		44	120
		2-Fluorobiphenyl	100	77.1	77		44	119
		2,4,6-Tribromophenol	150	125	84		43	140
		Terphenyl-d14	100	82.3	82		50	134
PB166363BSD	PB166363BSD	2-Fluorophenol	150	118	78		19	119
		Phenol-d6	150	117	78		10	130
		Nitrobenzene-d5	100	82.1	82		44	120
		2-Fluorobiphenyl	100	77.8	78		44	119
		2,4,6-Tribromophenol	150	126	84		43	140
		Terphenyl-d14	100	83.2	83		50	134
Q1211-01	TAPHHA-MW01-012825-00-T4	2-Fluorophenol	150	57.4	38		19	119
		Phenol-d6	150	35.8	24		10	130
		Nitrobenzene-d5	100	85.4	85		44	120
		2-Fluorobiphenyl	100	80.4	80		44	119
		2,4,6-Tribromophenol	150	135	90		43	140
		Terphenyl-d14	100	68.7	69		50	134
Q1211-02	TAPIAL2-MW03-012825-00-T3	2-Fluorophenol	150	57.1	38		19	119
		Phenol-d6	150	35.2	23		10	130
		Nitrobenzene-d5	100	87.1	87		44	120
		2-Fluorobiphenyl	100	81.2	81		44	119
		2,4,6-Tribromophenol	150	134	89		43	140
		Terphenyl-d14	100	64.9	65		50	134

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1211

Client: Weston Solutions

Analytical Method: 8270E **DataFile:** BF141326.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166363BS	Benzaldehyde	50	49.1	ug/L	98				10	161	
	Phenol	50	37.8	ug/L	76				10	132	
	bis(2-Chloroethyl)ether	50	37.9	ug/L	76				43	118	
	2-Chlorophenol	50	39.6	ug/L	79				38	117	
	2-Methylphenol	50	39.7	ug/L	79				30	117	
	2,2-oxybis(1-Chloropropane)	50	39.8	ug/L	80				37	130	
	Acetophenone	50	40.9	ug/L	82				46	118	
	3+4-Methylphenols	50	37.7	ug/L	75				29	110	
	N-Nitroso-di-n-propylamine	50	38.3	ug/L	77				49	119	
	Hexachloroethane	50	36.7	ug/L	73				21	115	
	Nitrobenzene	50	35.8	ug/L	72				45	121	
	Isophorone	50	39.5	ug/L	79				42	124	
	2-Nitrophenol	50	38.2	ug/L	76				47	123	
	2,4-Dimethylphenol	50	48.5	ug/L	97				31	124	
	bis(2-Chloroethoxy)methane	50	37.8	ug/L	76				48	120	
	2,4-Dichlorophenol	50	37.9	ug/L	76				47	121	
	Naphthalene	50	36.0	ug/L	72				40	121	
	4-Chloroaniline	50	14.4	ug/L	29		*		33	117	
	Hexachlorobutadiene	50	35.2	ug/L	70				22	124	
	Caprolactam	50	43.3	ug/L	87				10	161	
	4-Chloro-3-methylphenol	50	39.2	ug/L	78				52	119	
	2-Methylnaphthalene	50	35.8	ug/L	72				40	121	
	Hexachlorocyclopentadiene	100	160	ug/L	160		*		10	155	
	2,4,6-Trichlorophenol	50	39.2	ug/L	78				50	125	
	2,4,5-Trichlorophenol	50	37.5	ug/L	75				53	123	
	1,1-Biphenyl	50	40.8	ug/L	82				49	115	
	2-Chloronaphthalene	50	35.9	ug/L	72				40	116	
	2-Nitroaniline	50	39.0	ug/L	78				55	127	
	Dimethylphthalate	50	38.4	ug/L	77				45	127	
	Acenaphthylene	50	40.1	ug/L	80				41	130	
	2,6-Dinitrotoluene	50	37.4	ug/L	75				57	124	
	3-Nitroaniline	50	20.5	ug/L	41				41	128	
	Acenaphthene	50	42.0	ug/L	84				47	122	
	2,4-Dinitrophenol	100	93.6	ug/L	94				23	143	
	4-Nitrophenol	100	87.9	ug/L	88				10	161	
	Dibenzofuran	50	37.7	ug/L	75				53	118	
	2,4-Dinitrotoluene	50	39.8	ug/L	80				57	128	
	Diethylphthalate	50	38.3	ug/L	77				56	125	
	4-Chlorophenyl-phenylether	50	36.2	ug/L	72				53	121	
	Fluorene	50	37.1	ug/L	74				52	124	
	4-Nitroaniline	50	39.3	ug/L	79				35	120	
	4,6-Dinitro-2-methylphenol	50	45.9	ug/L	92				44	137	
	N-Nitrosodiphenylamine	50	39.8	ug/L	80				51	123	
	4-Bromophenyl-phenylether	50	39.5	ug/L	79				55	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1211

Client: Weston Solutions

Analytical Method: 8270E **DataFile:** BF141326.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166363BS	Hexachlorobenzene	50	38.9	ug/L	78				53	125	
	Atrazine	50	45.8	ug/L	92				44	142	
	Pentachlorophenol	100	84.2	ug/L	84				35	138	
	Phenanthrene	50	40.2	ug/L	80				59	120	
	Anthracene	50	41.9	ug/L	84				57	123	
	Carbazole	50	40.9	ug/L	82				60	122	
	Di-n-butylphthalate	50	41.7	ug/L	83				59	127	
	Fluoranthene	50	41.3	ug/L	83				57	128	
	Pyrene	50	36.7	ug/L	73				57	126	
	Butylbenzylphthalate	50	43.2	ug/L	86				53	134	
	3,3-Dichlorobenzidine	50	18.6	ug/L	37				27	129	
	Benzo(a)anthracene	50	36.9	ug/L	74				58	125	
	Chrysene	50	40.0	ug/L	80				59	123	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82				55	135	
	Di-n-octyl phthalate	50	42.1	ug/L	84				51	140	
	Benzo(b)fluoranthene	50	40.3	ug/L	81				53	131	
	Benzo(k)fluoranthene	50	44.1	ug/L	88				57	129	
	Benzo(a)pyrene	50	43.7	ug/L	87				54	128	
	Indeno(1,2,3-cd)pyrene	50	41.2	ug/L	82				52	134	
	Dibenz(a,h)anthracene	50	40.8	ug/L	82				51	134	
	Benzo(g,h,i)perylene	50	38.5	ug/L	77				50	134	
	1,2,4,5-Tetrachlorobenzene	50	40.0	ug/L	80				35	121	
	1,4-Dioxane	50	35.9	ug/L	72				70	130	
	2,3,4,6-Tetrachlorophenol	50	41.3	ug/L	83				50	128	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1211

Client: Weston Solutions

Analytical Method: 8270E **DataFile:** BF141327.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166363BSD	Benzaldehyde	50	49.2	ug/L	98	0			10	161	20
	Phenol	50	38.2	ug/L	76	1			10	132	20
	bis(2-Chloroethyl)ether	50	37.5	ug/L	75	1			43	118	20
	2-Chlorophenol	50	39.9	ug/L	80	1			38	117	20
	2-Methylphenol	50	39.7	ug/L	79	0			30	117	20
	2,2-oxybis(1-Chloropropane)	50	39.6	ug/L	79	1			37	130	20
	Acetophenone	50	41.1	ug/L	82	0			46	118	20
	3+4-Methylphenols	50	38.5	ug/L	77	2			29	110	20
	N-Nitroso-di-n-propylamine	50	38.6	ug/L	77	1			49	119	20
	Hexachloroethane	50	37.2	ug/L	74	1			21	115	20
	Nitrobenzene	50	36.2	ug/L	72	1			45	121	20
	Isophorone	50	39.6	ug/L	79	0			42	124	20
	2-Nitrophenol	50	39.6	ug/L	79	4			47	123	20
	2,4-Dimethylphenol	50	49.4	ug/L	99	2			31	124	20
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	1			48	120	20
	2,4-Dichlorophenol	50	38.6	ug/L	77	2			47	121	20
	Naphthalene	50	36.3	ug/L	73	1			40	121	20
	4-Chloroaniline	50	12.5	ug/L	25	14	*		33	117	20
	Hexachlorobutadiene	50	35.5	ug/L	71	1			22	124	20
	Caprolactam	50	44.7	ug/L	89	3			10	161	20
	4-Chloro-3-methylphenol	50	40.1	ug/L	80	2			52	119	20
	2-Methylnaphthalene	50	36.3	ug/L	73	1			40	121	20
	Hexachlorocyclopentadiene	100	160	ug/L	160	0	*		10	155	20
	2,4,6-Trichlorophenol	50	39.6	ug/L	79	1			50	125	20
	2,4,5-Trichlorophenol	50	38.4	ug/L	77	2			53	123	20
	1,1-Biphenyl	50	41.3	ug/L	83	1			49	115	20
	2-Chloronaphthalene	50	35.9	ug/L	72	0			40	116	20
	2-Nitroaniline	50	39.8	ug/L	80	2			55	127	20
	Dimethylphthalate	50	39.2	ug/L	78	2			45	127	20
	Acenaphthylene	50	40.3	ug/L	81	0			41	130	20
	2,6-Dinitrotoluene	50	38.2	ug/L	76	2			57	124	20
	3-Nitroaniline	50	19.9	ug/L	40	3	*		41	128	20
	Acenaphthene	50	42.2	ug/L	84	0			47	122	20
	2,4-Dinitrophenol	100	98.3	ug/L	98	5			23	143	20
	4-Nitrophenol	100	90.4	ug/L	90	3			10	161	20
	Dibenzofuran	50	37.9	ug/L	76	1			53	118	20
	2,4-Dinitrotoluene	50	39.8	ug/L	80	0			57	128	20
	Diethylphthalate	50	38.6	ug/L	77	1			56	125	20
	4-Chlorophenyl-phenylether	50	37.3	ug/L	75	3			53	121	20
	Fluorene	50	37.9	ug/L	76	2			52	124	20
	4-Nitroaniline	50	39.2	ug/L	78	0			35	120	20
	4,6-Dinitro-2-methylphenol	50	46.4	ug/L	93	1			44	137	20
	N-Nitrosodiphenylamine	50	39.8	ug/L	80	0			51	123	20
	4-Bromophenyl-phenylether	50	39.2	ug/L	78	1			55	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1211

Client: Weston Solutions

Analytical Method: 8270E **DataFile:** BF141327.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166363BSD	Hexachlorobenzene	50	38.9	ug/L	78	0			53	125	20
	Atrazine	50	45.8	ug/L	92	0			44	142	20
	Pentachlorophenol	100	84.7	ug/L	85	1			35	138	20
	Phenanthrene	50	39.8	ug/L	80	1			59	120	20
	Anthracene	50	41.6	ug/L	83	1			57	123	20
	Carbazole	50	41.0	ug/L	82	0			60	122	20
	Di-n-butylphthalate	50	41.7	ug/L	83	0			59	127	20
	Fluoranthene	50	40.9	ug/L	82	1			57	128	20
	Pyrene	50	37.0	ug/L	74	1			57	126	20
	Butylbenzylphthalate	50	43.3	ug/L	87	0			53	134	20
	3,3-Dichlorobenzidine	50	18.9	ug/L	38	2			27	129	20
	Benzo(a)anthracene	50	36.7	ug/L	73	1			58	125	20
	Chrysene	50	39.9	ug/L	80	0			59	123	20
	bis(2-Ethylhexyl)phthalate	50	41.5	ug/L	83	1			55	135	20
	Di-n-octyl phthalate	50	42.8	ug/L	86	2			51	140	20
	Benzo(b)fluoranthene	50	41.7	ug/L	83	3			53	131	20
	Benzo(k)fluoranthene	50	42.3	ug/L	85	4			57	129	20
	Benzo(a)pyrene	50	43.8	ug/L	88	0			54	128	20
	Indeno(1,2,3-cd)pyrene	50	41.2	ug/L	82	0			52	134	20
	Dibenz(a,h)anthracene	50	40.7	ug/L	81	0			51	134	20
	Benzo(g,h,i)perylene	50	38.3	ug/L	77	1			50	134	20
	1,2,4,5-Tetrachlorobenzene	50	40.6	ug/L	81	1			35	121	20
	1,4-Dioxane	50	35.8	ug/L	72	0			70	130	20
	2,3,4,6-Tetrachlorophenol	50	42.3	ug/L	85	2			50	128	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166363BL

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG NO.: Q1211

Lab File ID: BF141325.D Lab Sample ID: PB166363BL

Instrument ID: BNA_F Date Extracted: 01/30/2025

Matrix: (soil/water) Water Date Analyzed: 01/31/2025

Level: (low/med) LOW Time Analyzed: 12:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166363BS	PB166363BS	BF141326.D	01/31/2025
PB166363BSD	PB166363BSD	BF141327.D	01/31/2025
TAPHHA-MW01-012825-00-T4	Q1211-01	BF141328.D	01/31/2025
TAPIAL2-MW03-012825-00-T3	Q1211-02	BF141329.D	01/31/2025

COMMENTS:

Form IV SV

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM SAS No.: Q1211 SDG NO.: Q1211

Lab File ID: BF141289.D DFTPP Injection Date: 01/29/2025

Instrument ID: BNA_F DFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.2 (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	BF141290.D	01/29/2025	10:30
SSTDICC005	SSTDICC005	BF141291.D	01/29/2025	10:56
SSTDICC010	SSTDICC010	BF141292.D	01/29/2025	11:49
SSTDICC020	SSTDICC020	BF141293.D	01/29/2025	15:17
SSTDICCC040	SSTDICCC040	BF141294.D	01/29/2025	15:45
SSTDICC050	SSTDICC050	BF141295.D	01/29/2025	16:11
SSTDICC060	SSTDICC060	BF141296.D	01/29/2025	16:38
SSTDICC080	SSTDICC080	BF141297.D	01/29/2025	17:05

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM SAS No.: Q1211 SDG NO.: Q1211

Lab File ID: BF141318.D DFTPP Injection Date: 01/31/2025

Instrument ID: BNA_F DFTPP Injection Time: 08:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49.2
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	6.7
275	10.0 - 60.0% of mass 198	25.6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	14.1 (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	BF141319.D	01/31/2025	09:22
PB166363BL	PB166363BL	BF141325.D	01/31/2025	12:01
PB166363BS	PB166363BS	BF141326.D	01/31/2025	12:28
PB166363BSD	PB166363BSD	BF141327.D	01/31/2025	12:54
TAPHHA-MW01-012825-00-T4	Q1211-01	BF141328.D	01/31/2025	13:27
TAPIAL2-MW03-012825-00-T3	Q1211-02	BF141329.D	01/31/2025	13:53
SSTDCCC040EC	SSTDCCC040	BF141334.D	01/31/2025	16:26

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG NO.: Q1211

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/31/2025

Lab File ID: BF141319.D Time Analyzed: 09:22

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	153783	6.798	597989	8.08	319509	9.84
	UPPER LIMIT	307566	7.298	1195980	8.581	639018	10.339
	LOWER LIMIT	76891.5	6.298	298995	7.581	159755	9.339
	EPA SAMPLE NO.						
01	PB166363BL	154270	6.80	620172	8.08	339948	9.83
02	PB166363BS	157375	6.80	639100	8.08	341634	9.84
03	PB166363BSD	162815	6.80	656268	8.08	352985	9.84
04	TAPHHA-MW01-012825-00-T4	154665	6.80	631249	8.08	343257	9.83
05	TAPIAL2-MW03-012825-00-T3	150168	6.80	598599	8.08	329514	9.83

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG NO.: Q1211

EPA Sample No.: SSTDCCC040 Date Analyzed: 01/31/2025

Lab File ID: BF141319.D Time Analyzed: 09:22

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	533134	11.322	330369	13.968	300994	15.421
	UPPER LIMIT	1066270	11.822	660738	14.468	601988	15.921
	LOWER LIMIT	266567	10.822	165185	13.468	150497	14.921
	EPA SAMPLE NO.						
01	PB166363BL	568179	11.32	374764	13.96	299638	15.43
02	PB166363BS	567661	11.33	360251	13.97	306952	15.43
03	PB166363BSD	593804	11.33	372769	13.97	322252	15.43
04	TAPHHA-MW01-012825-00-T4	611013	11.32	457684	13.96	357260	15.43
05	TAPIAL2-MW03-012825-00-T3	566632	11.32	400669	13.96	319761	15.42

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

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

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

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	UQ	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

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Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	UQ	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

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Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.4		19 - 119		38%	SPK: 150
13127-88-3	Phenol-d6	35.8		10 - 130		24%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.4		44 - 120		85%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		44 - 119		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		43 - 140		90%	SPK: 150
1718-51-0	Terphenyl-d14	68.7		50 - 134		69%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155000	6.798				
1146-65-2	Naphthalene-d8	631000	8.081				
15067-26-2	Acenaphthene-d10	343000	9.833				
1517-22-2	Phenanthrene-d10	611000	11.322				
1719-03-5	Chrysene-d12	458000	13.963				
1520-96-3	Perylene-d12	357000	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.40	A			5.00	ug/L
000373-49-9	Palmitoleic acid	2.60	J			12.6	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPHHA-MW01-012825-00-T4	SDG No.:	Q1211
Lab Sample ID:	Q1211-01	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141328.D	1	01/30/25 08:15	01/31/25 13:27	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF013125\
Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Quant Time: Jan 31 13:51:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

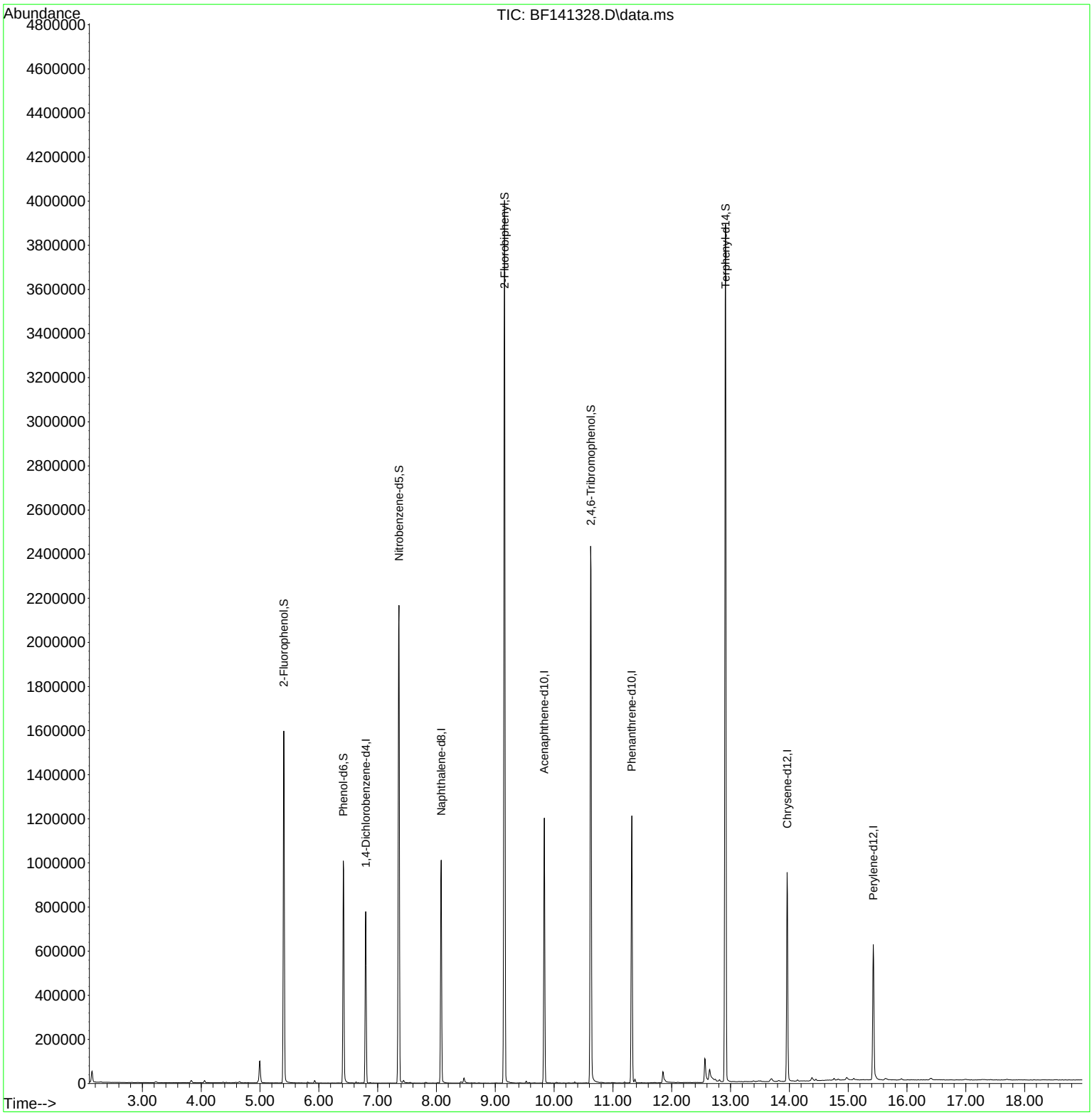
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154665	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	631249	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	343257	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	611013	20.000	ng	0.00
76) Chrysene-d12	13.963	240	457684	20.000	ng	-0.01
86) Perylene-d12	15.427	264	357260	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	578725	57.444	ng	0.00
7) Phenol-d6	6.416	99	458268	35.757	ng	-0.02
23) Nitrobenzene-d5	7.363	82	1023120	85.442	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	423425	134.554	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1792215	80.364	ng	0.00
79) Terphenyl-d14	12.916	244	2039647	68.727	ng	0.00
Target Compounds						Qvalue

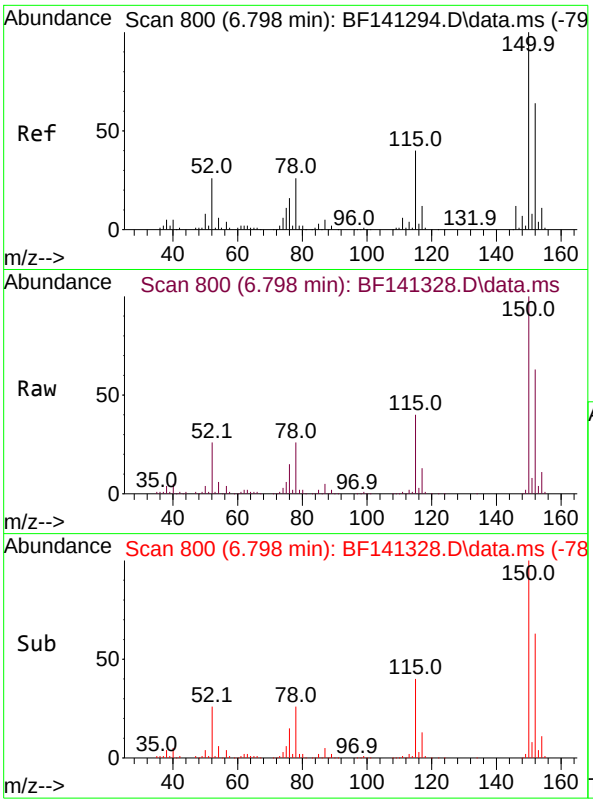
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Quant Time: Jan 31 13:51:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



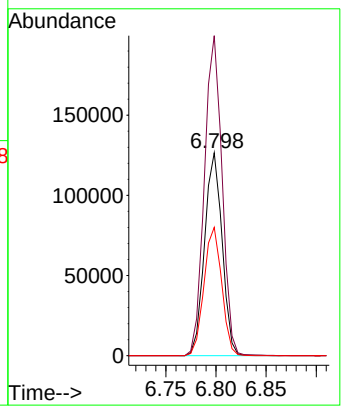


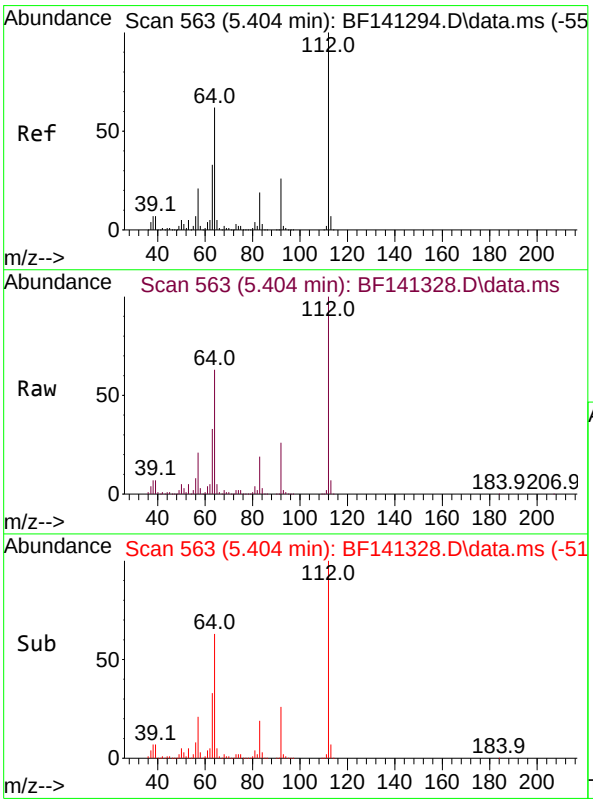
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion:152 Resp: 154665

Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.9	188.9
115	63.3	49.7	74.5

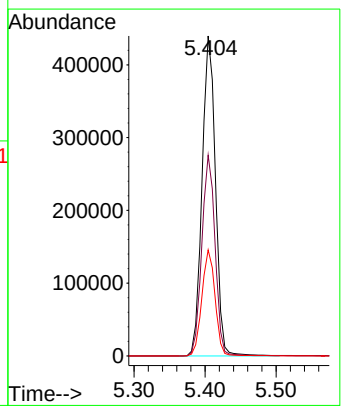


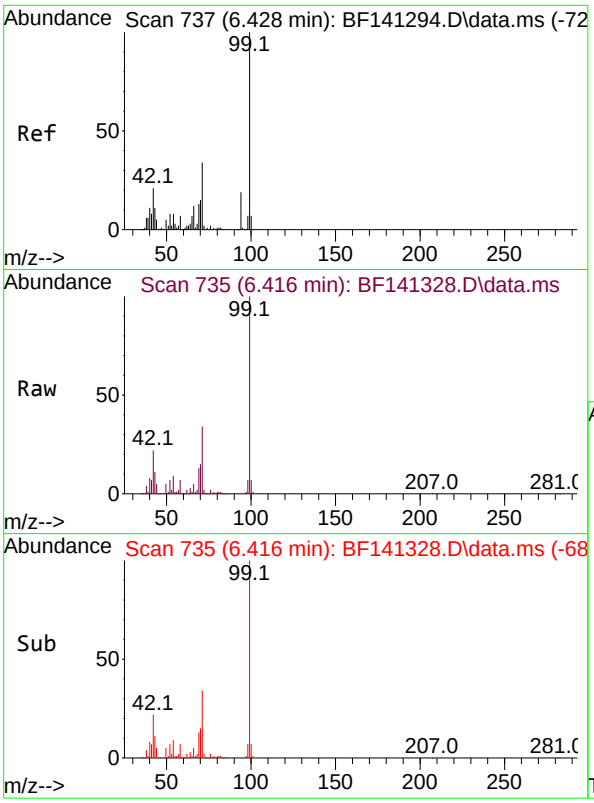


#5
2-Fluorophenol
Concen: 57.444 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:112 Resp: 578725

Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.8	74.8
63	33.2	26.1	39.1



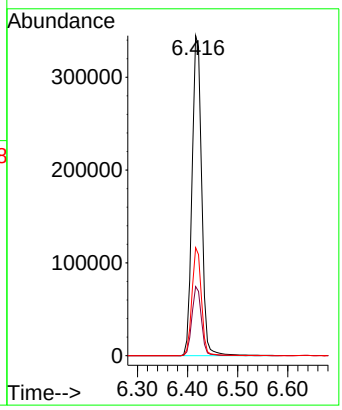


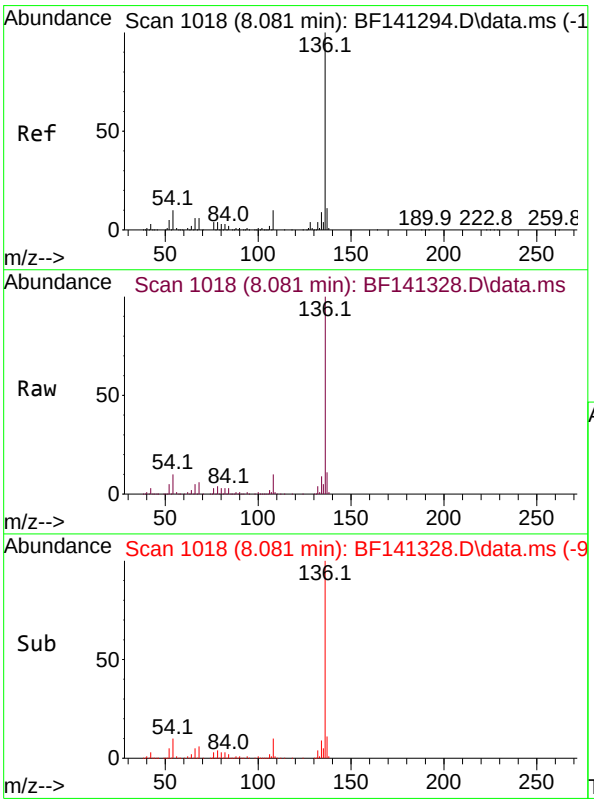
#7
Phenol-d6
Concen: 35.757 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.024 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion: 99 Resp: 458268

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.1	25.7
71	33.7	26.9	40.3

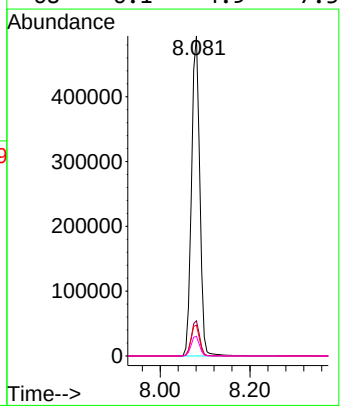


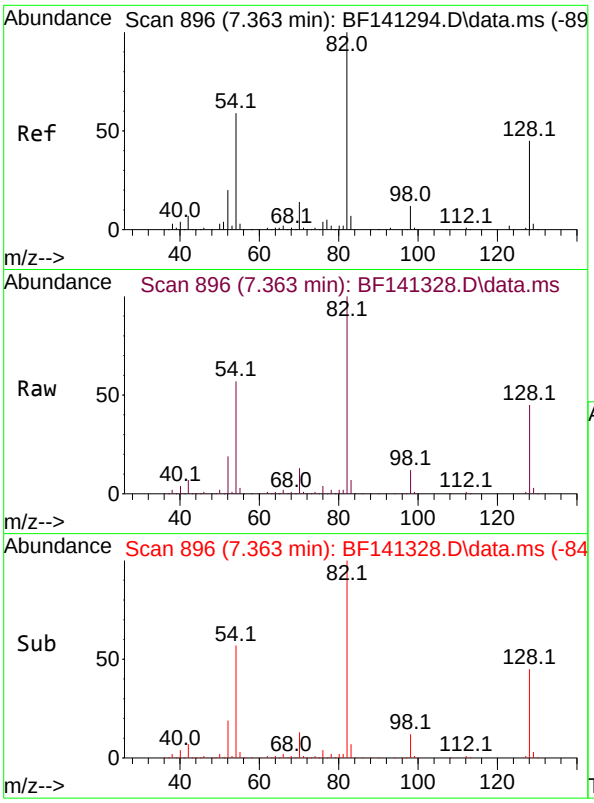


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:136 Resp: 631249

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.7	7.8	11.8
68	6.1	4.9	7.3



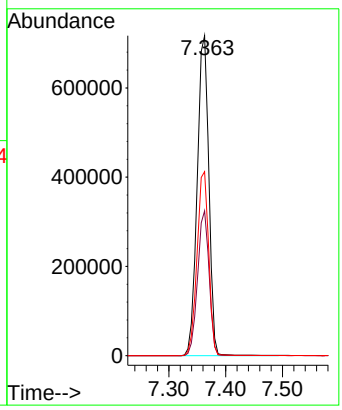


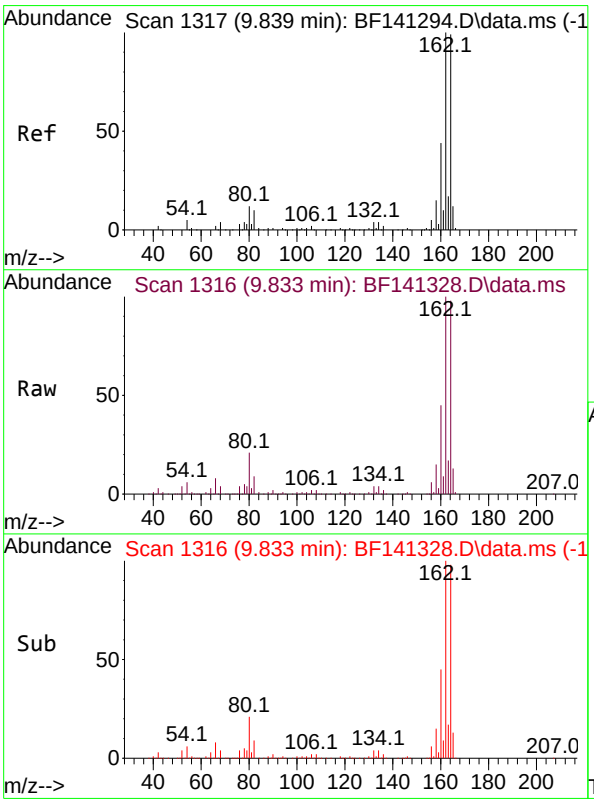
#23
Nitrobenzene-d5
Concen: 85.442 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion: 82 Resp: 1023120

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.7	53.5
54	57.5	47.1	70.7

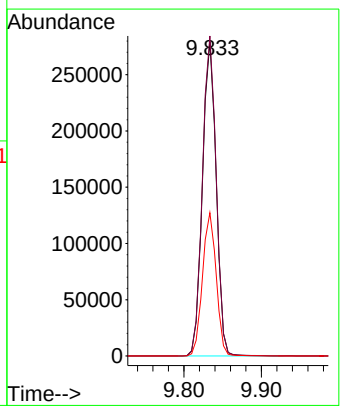


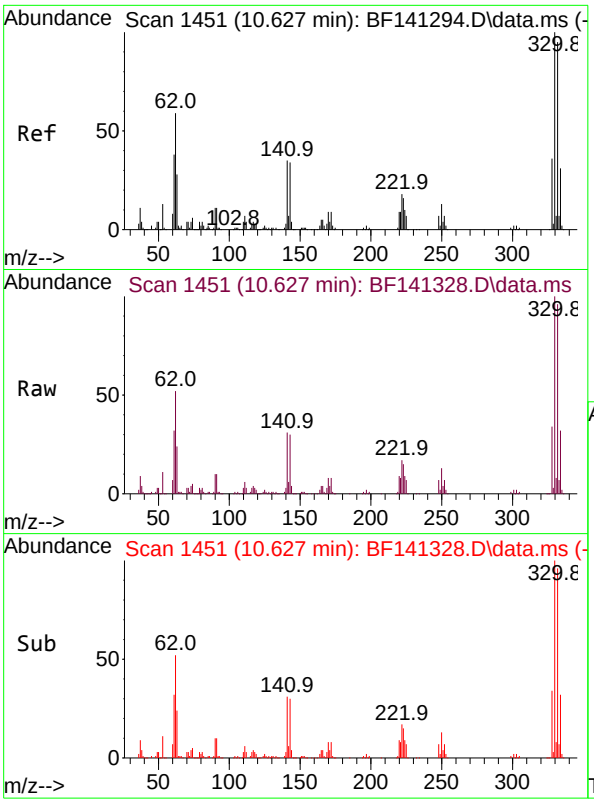


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:164 Resp: 343257

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	121.0
160	45.6	35.8	53.6



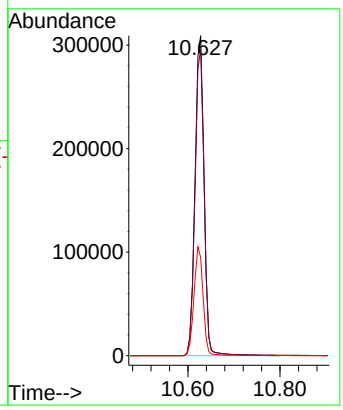


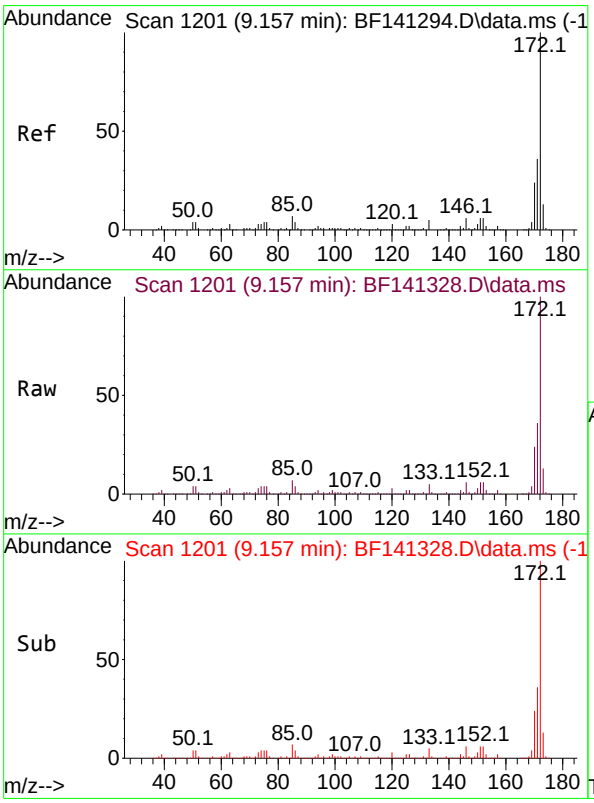
#42
2,4,6-Tribromophenol
Concen: 134.554 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion:330 Resp: 423425

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	34.2	28.8	43.2

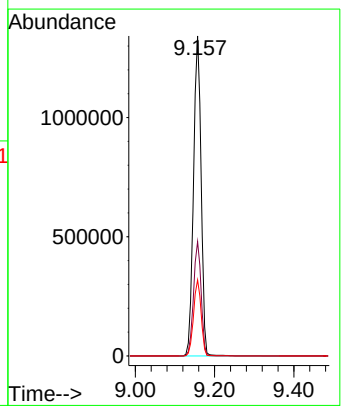


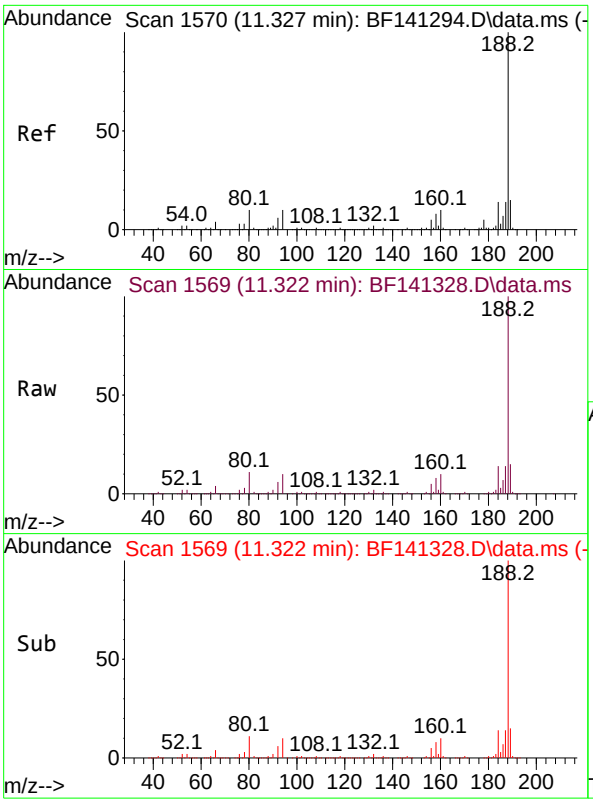


#45
2-Fluorobiphenyl
Concen: 80.364 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:172 Resp: 1792215

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.8	19.0	28.6



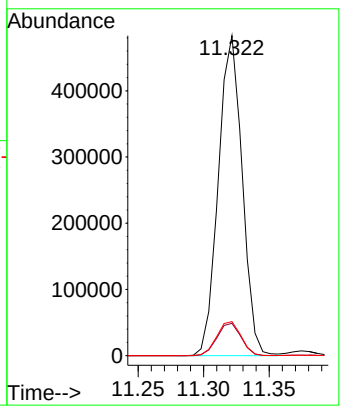


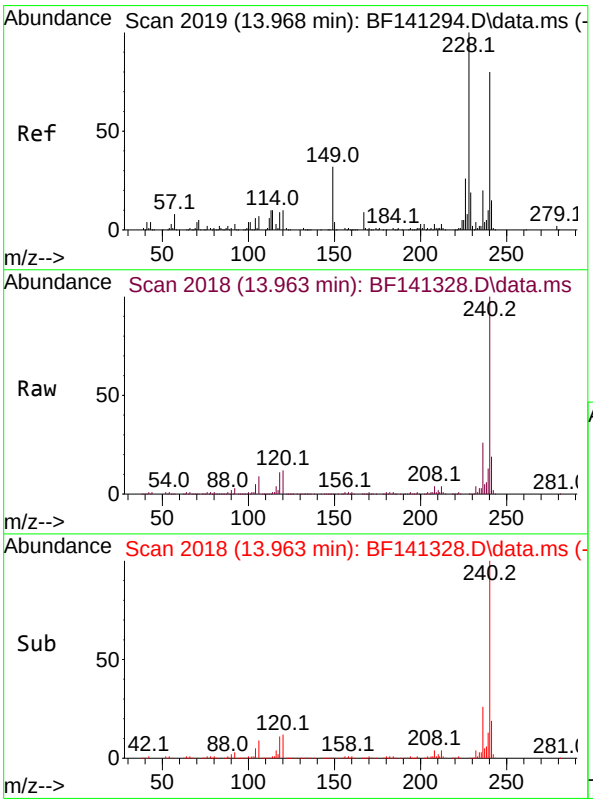
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion:188 Resp: 611013

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.7	8.2	12.4

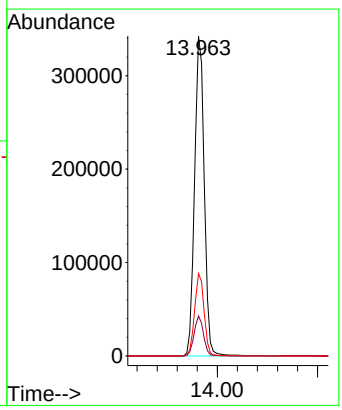


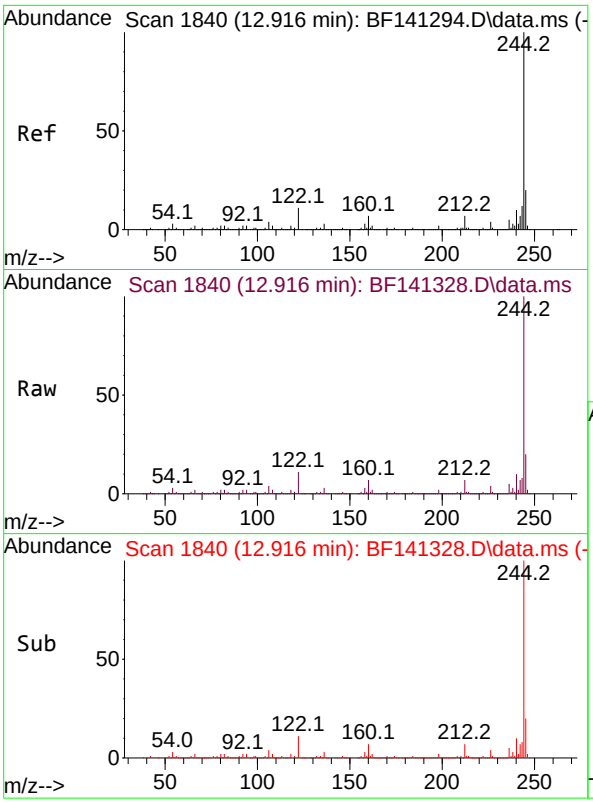


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:240 Resp: 457684

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.8	19.7	29.5



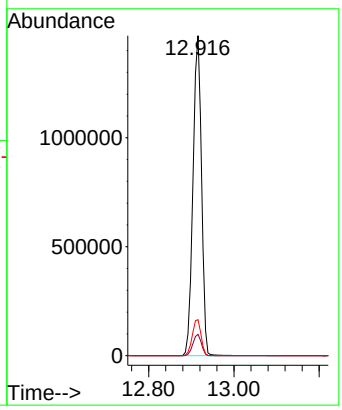


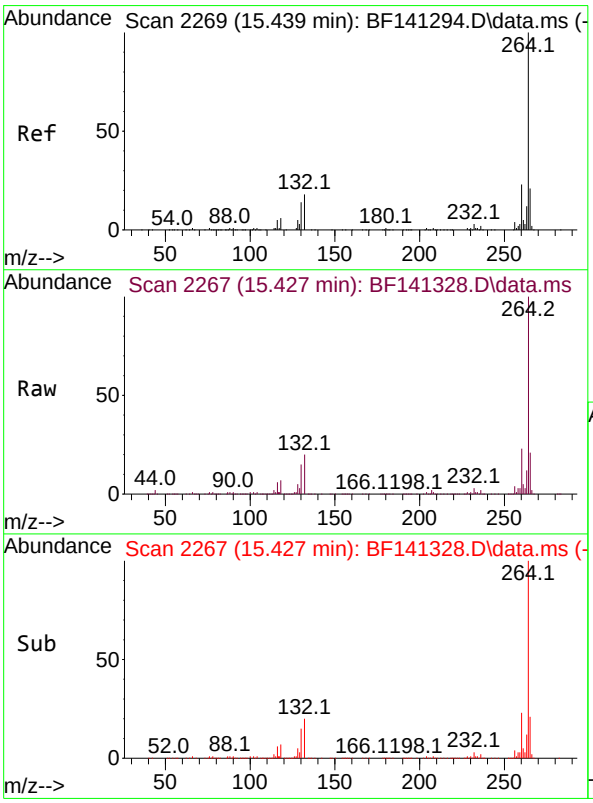
#79
Terphenyl-d14
Concen: 68.727 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Tgt Ion:244 Resp: 2039647

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.3	8.8	13.2

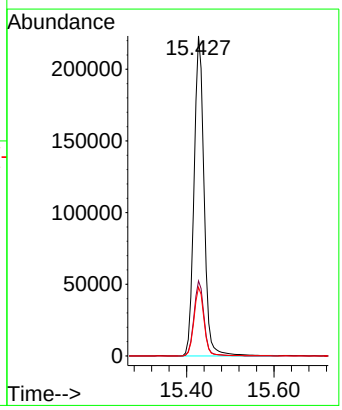




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141328.D
Acq: 31 Jan 2025 13:27

Tgt Ion:264 Resp: 357260

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	16.7	25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141328.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	15	rVB	48382	73849	1.36%	0.257%
2	4.998	484	494	505	rBV	98671	163441	3.02%	0.568%
3	5.404	557	563	584	rBV	1595679	2092078	38.66%	7.269%
4	6.416	730	735	755	rBV	1006911	1334227	24.66%	4.636%
5	6.798	795	800	805	rBV	776939	954501	17.64%	3.317%
6	7.363	889	896	901	rBV	2165924	3074822	56.83%	10.684%
7	8.081	1012	1018	1031	rBV	1010491	1290272	23.85%	4.483%
8	9.157	1194	1201	1206	rBV	4002787	5299722	97.94%	18.414%
9	9.833	1310	1316	1321	rBV	1201262	1476811	27.29%	5.131%
10	10.622	1444	1450	1476	rBV	2434362	3424843	63.29%	11.900%
11	11.322	1563	1569	1574	rBV	1210838	1533040	28.33%	5.327%
12	11.851	1653	1659	1676	rBV2	49865	107871	1.99%	0.375%
13	12.563	1774	1780	1789	rBV	107544	199166	3.68%	0.692%
14	12.645	1789	1794	1807	rVB	48882	119980	2.22%	0.417%
15	12.916	1833	1840	1845	rBV	3886308	5410927	100.00%	18.801%
16	13.963	2012	2018	2032	rBV	946406	1254051	23.18%	4.357%
17	15.427	2261	2267	2283	rBV	613385	970758	17.94%	3.373%

Sum of corrected areas: 28780359

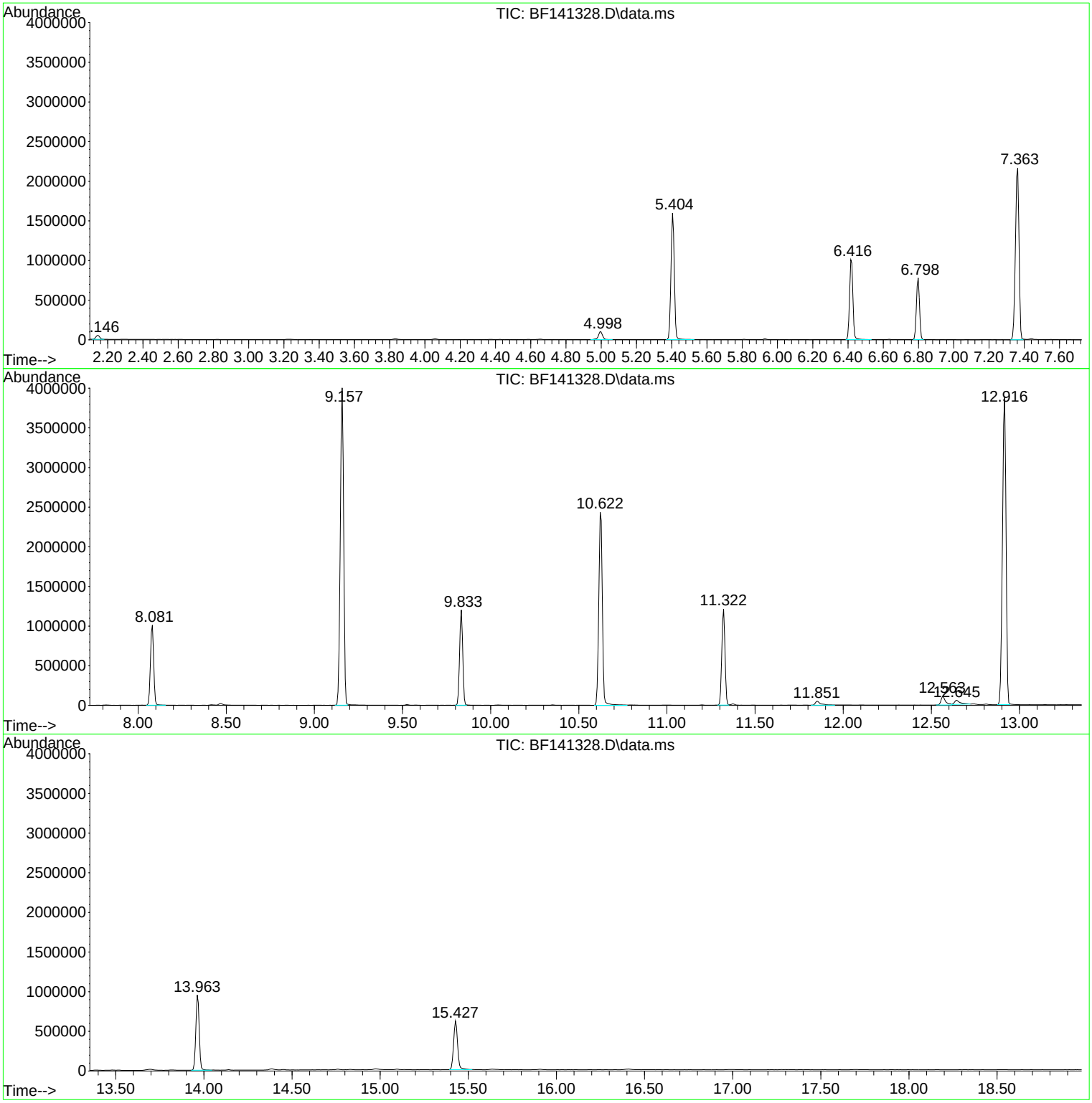
Sample Results: **BF141328.D**

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Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141328.D
Acq On    : 31 Jan 2025  13:27
Operator  : RC/JU
Sample    : Q1211-01
Misc      :
ALS Vial  : 11   Sample Multiplier: 1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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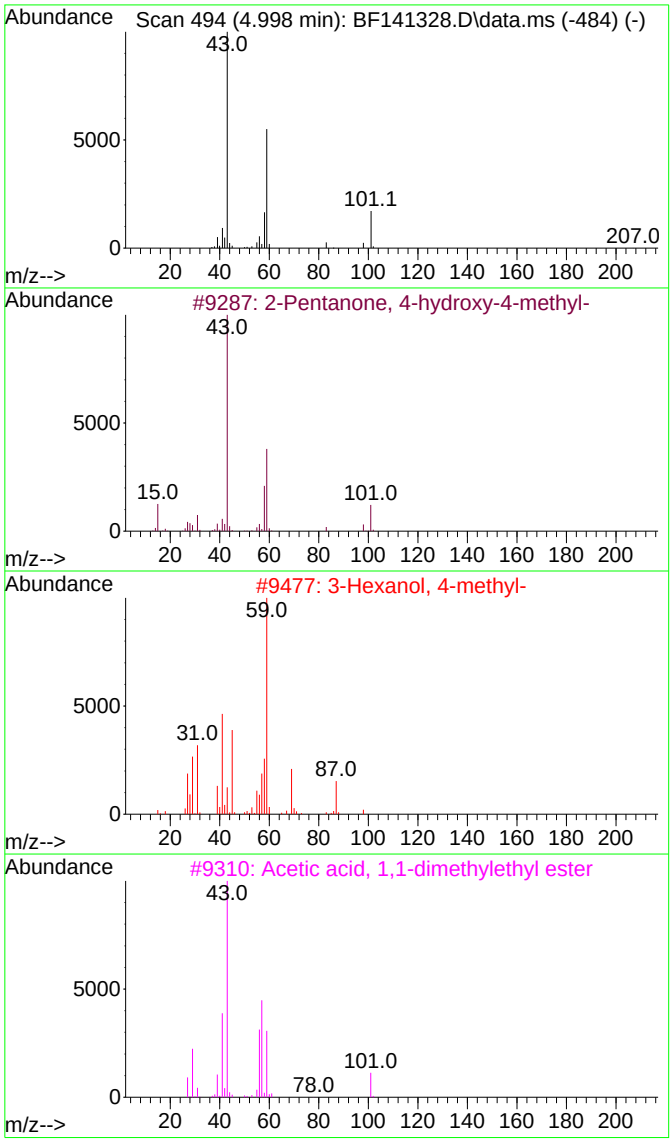
Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

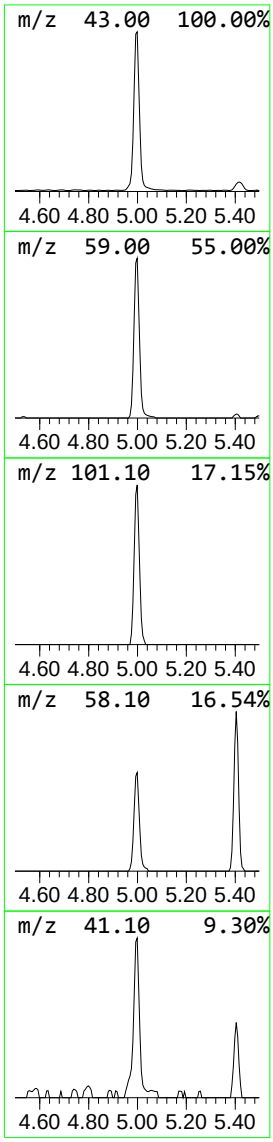
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.998	3.42 ng	163441	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

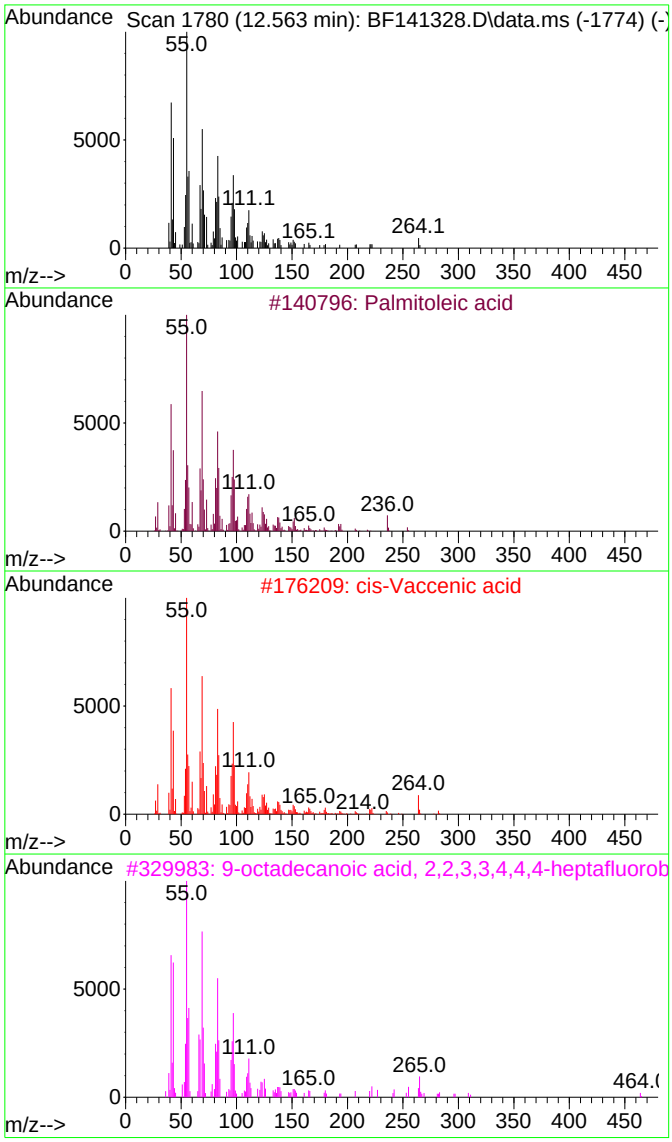
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

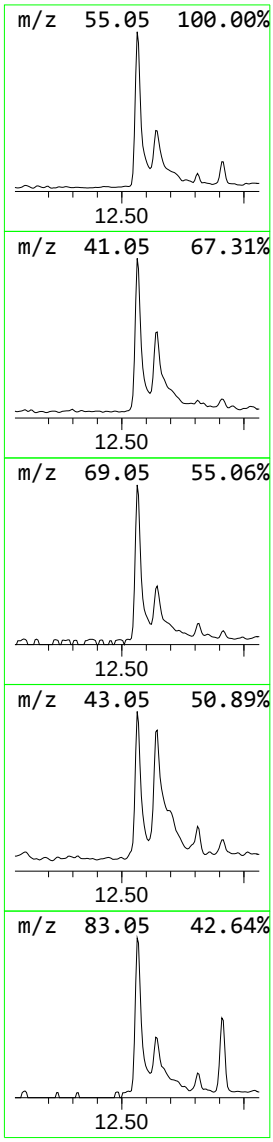
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Peak Number 2 Palmitoleic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	2.60 ng	199166	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	91
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
3	9-octadecanoic acid, 2,2,3,3,4,4...	464	C22H35F7O2	1000376-61-4	91
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	91
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141328.D
Acq On : 31 Jan 2025 13:27
Operator : RC/JU
Sample : Q1211-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPHHA-MW01-012825-00-T4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.998	3.4	ng	163441	1	6.798	954501	20.0
Palmitoleic acid	12.563	2.6	ng	199166	4	11.322	1533040	20.0

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	UQ	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	UQ	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	UQ	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.1		19 - 119		38%	SPK: 150
13127-88-3	Phenol-d6	35.2		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.1		44 - 120		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.2		44 - 119		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		43 - 140		89%	SPK: 150
1718-51-0	Terphenyl-d14	64.9		50 - 134		65%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150000	6.798				
1146-65-2	Naphthalene-d8	599000	8.081				
15067-26-2	Acenaphthene-d10	330000	9.834				
1517-22-2	Phenanthrene-d10	567000	11.322				
1719-03-5	Chrysene-d12	401000	13.963				
1520-96-3	Perylene-d12	320000	15.421				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	2.10	JB			2.15	ug/L
000119-61-9	Benzophenone	2.60	J			10.6	ug/L
000057-10-3	n-Hexadecanoic acid	2.60	J			11.9	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/28/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/29/25
Client Sample ID:	TAPIAL2-MW03-012825-00-T3	SDG No.:	Q1211
Lab Sample ID:	Q1211-02	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141329.D	1	01/30/25 08:15	01/31/25 13:53	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Time: Jan 31 14:16:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

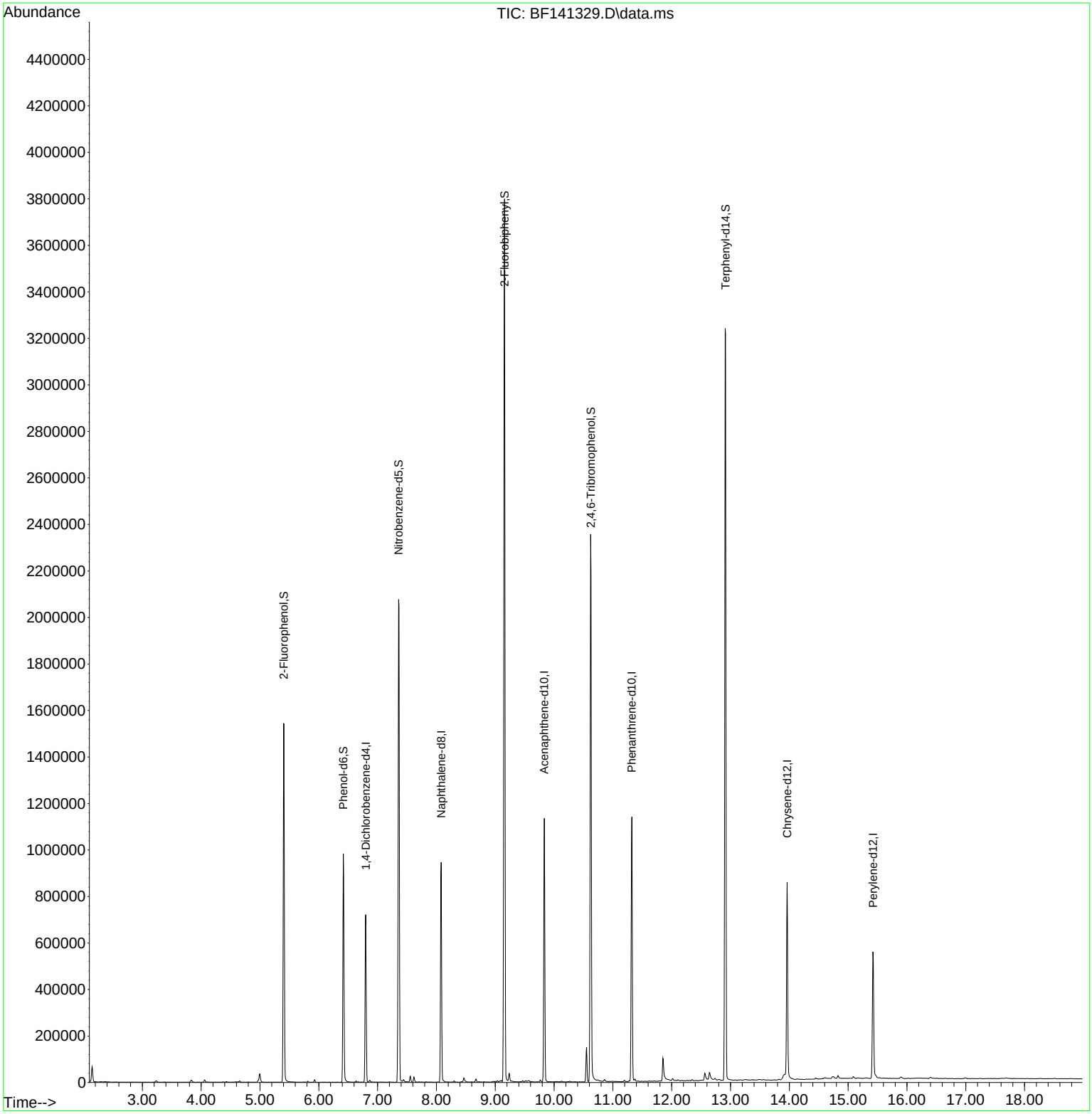
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	150168	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	598599	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	329514	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	566632	20.000	ng	0.00
76) Chrysene-d12	13.963	240	400669	20.000	ng	-0.01
86) Perylene-d12	15.421	264	319761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	558290	57.075	ng	0.00
7) Phenol-d6	6.416	99	437849	35.187	ng	-0.02
23) Nitrobenzene-d5	7.357	82	988633	87.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	403823	133.677	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1738039	81.185	ng	0.00
79) Terphenyl-d14	12.916	244	1686692	64.921	ng	0.00
Target Compounds						Qvalue

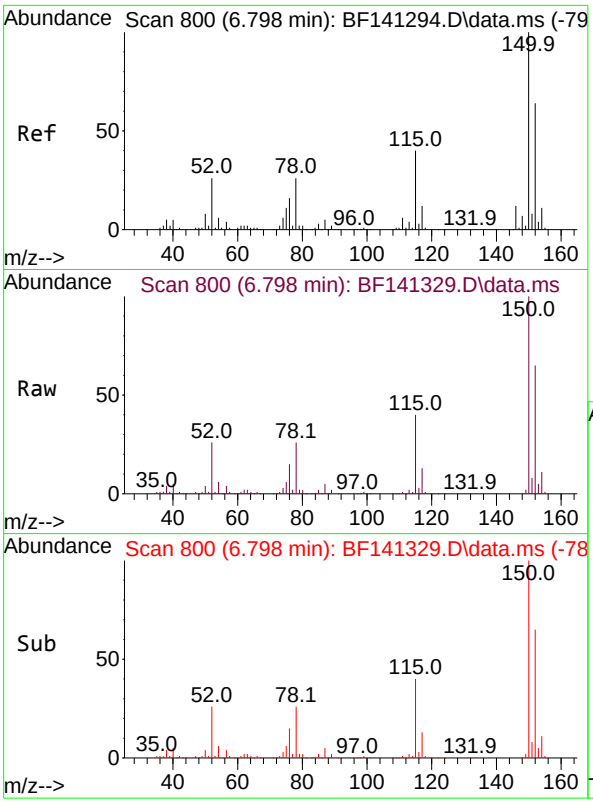
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Time: Jan 31 14:16:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



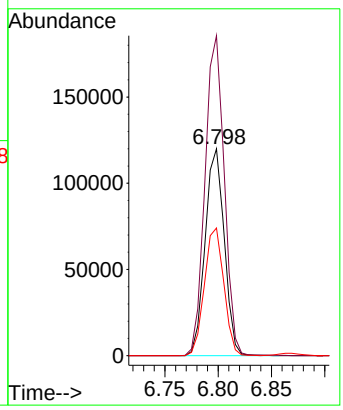


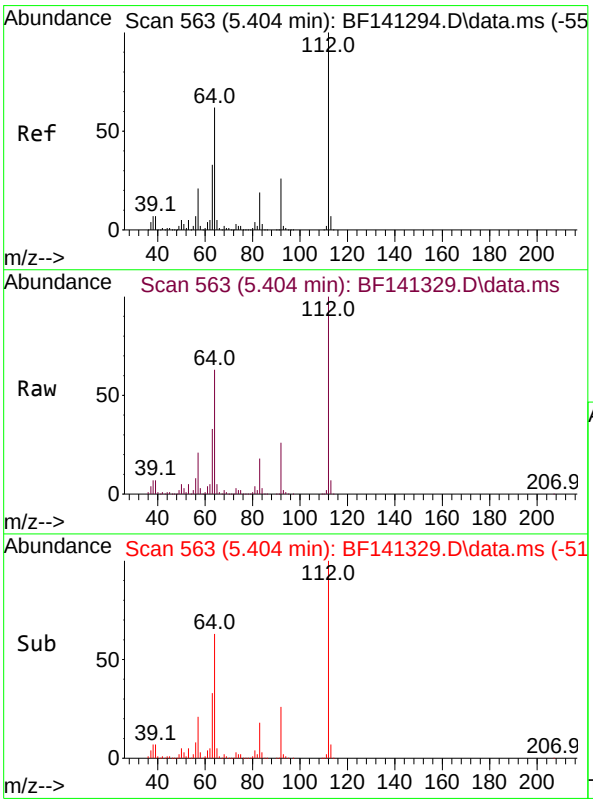
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion:152 Resp: 150168

Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.9	188.9
115	61.7	49.7	74.5

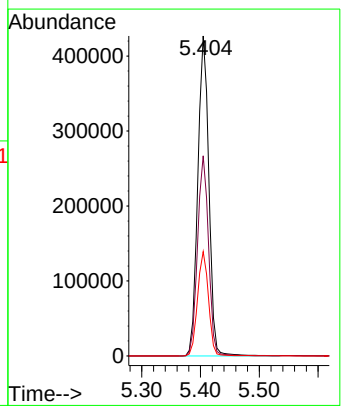


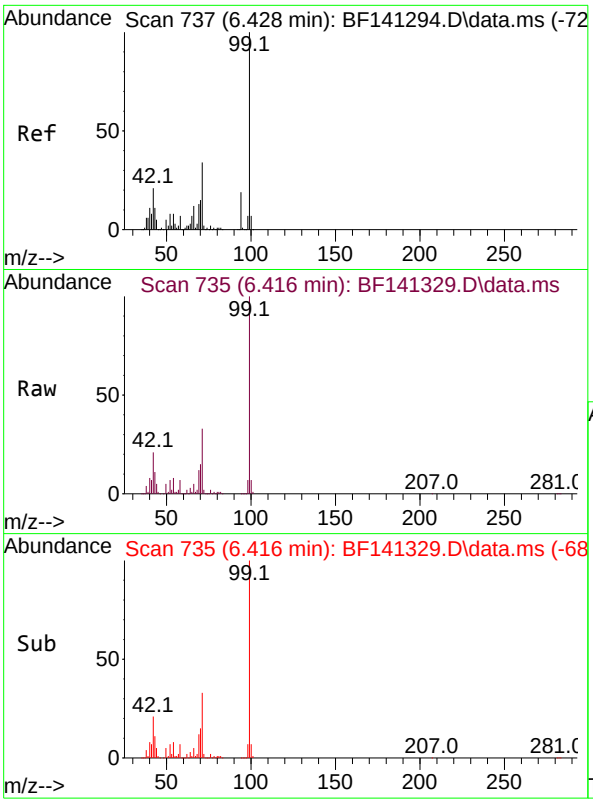


#5
2-Fluorophenol
Concen: 57.075 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:112 Resp: 558290

Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.8	74.8
63	32.6	26.1	39.1



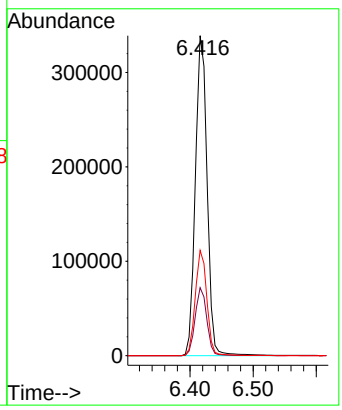


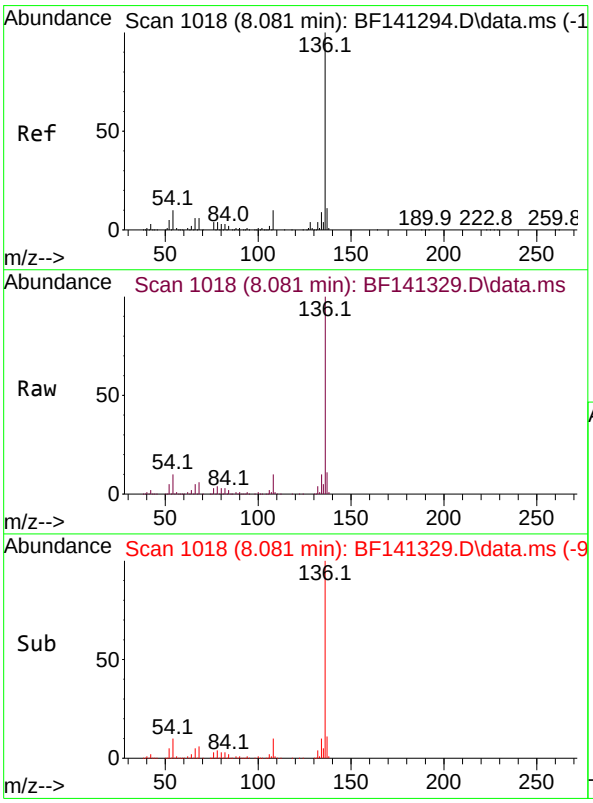
#7
Phenol-d6
Concen: 35.187 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.024 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion: 99 Resp: 437849

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	32.9	26.9	40.3

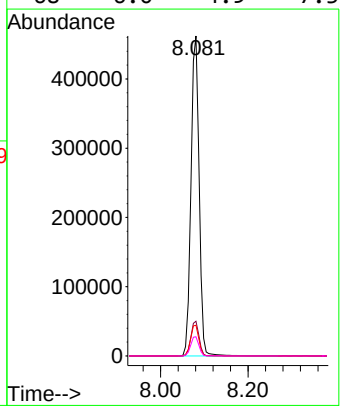


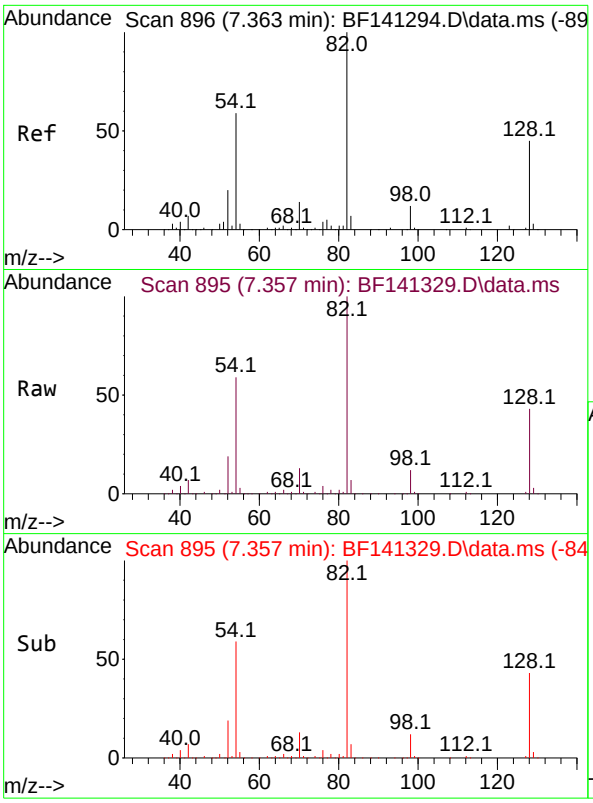


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:136 Resp: 598599

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.6	7.8	11.8
68	6.0	4.9	7.3



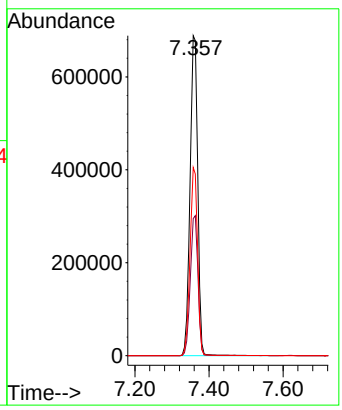


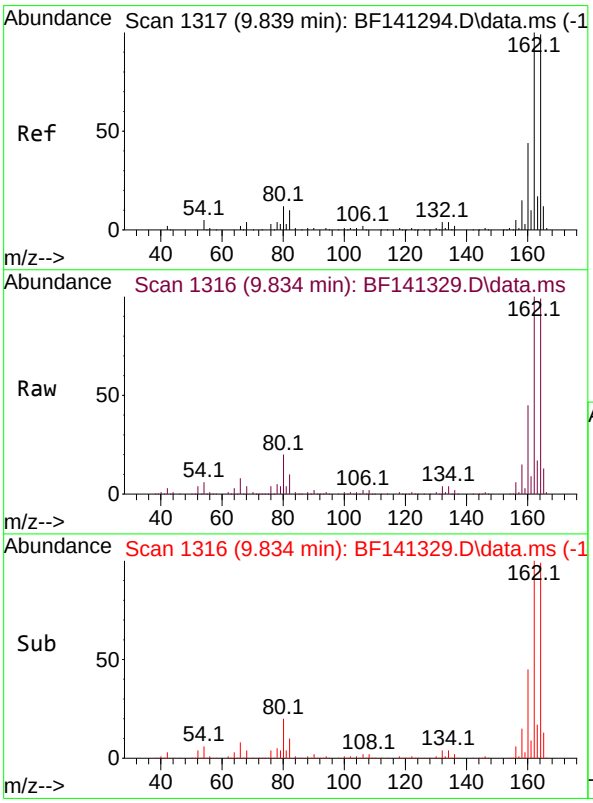
#23
Nitrobenzene-d5
Concen: 87.065 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion: 82 Resp: 988633

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.7	53.5
54	58.8	47.1	70.7

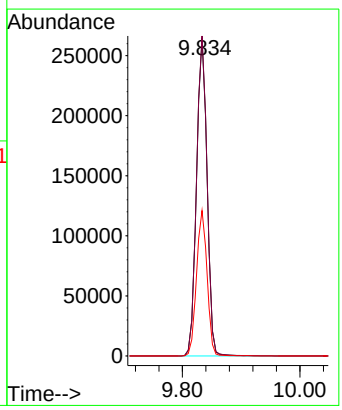


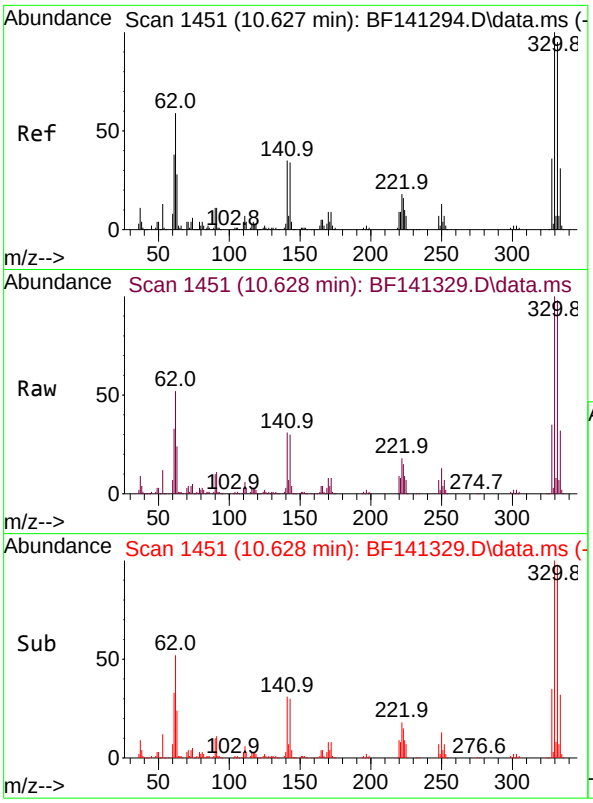


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:164 Resp: 329514

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	45.7	35.8	53.6



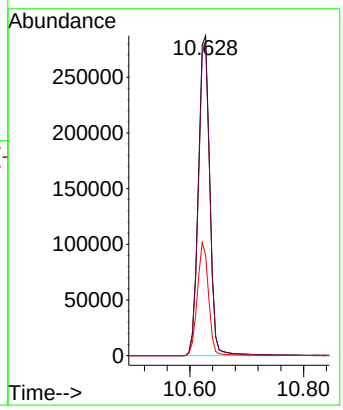


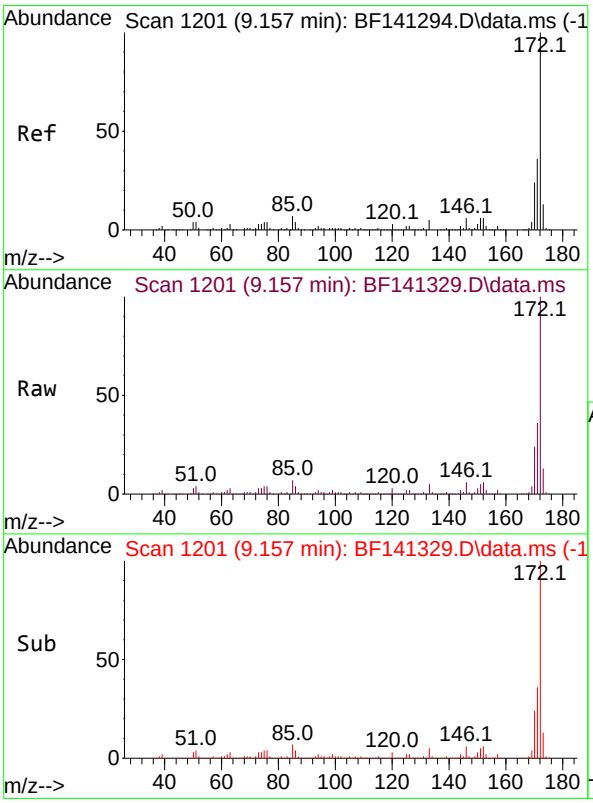
#42
2,4,6-Tribromophenol
Concen: 133.677 ng
RT: 10.628 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion:330 Resp: 403823

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.1	114.1
141	34.9	28.8	43.2

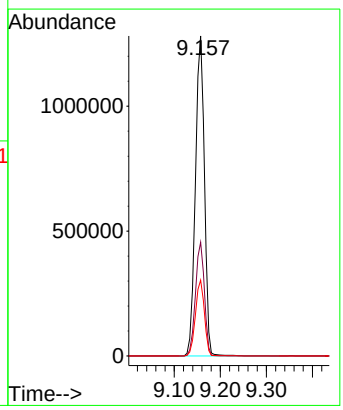


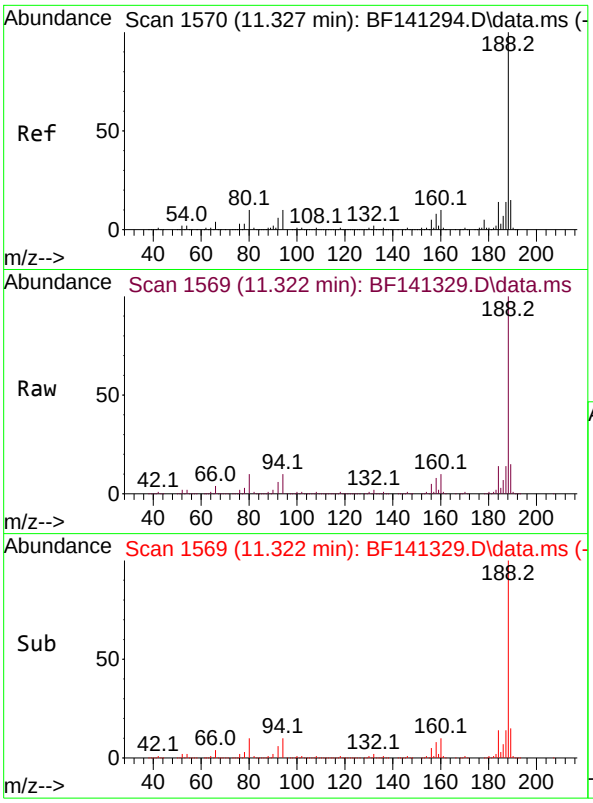


#45
2-Fluorobiphenyl
Concen: 81.185 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:172 Resp: 1738039

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.8	43.2
170	23.7	19.0	28.6



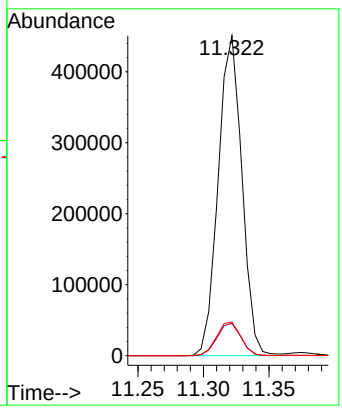


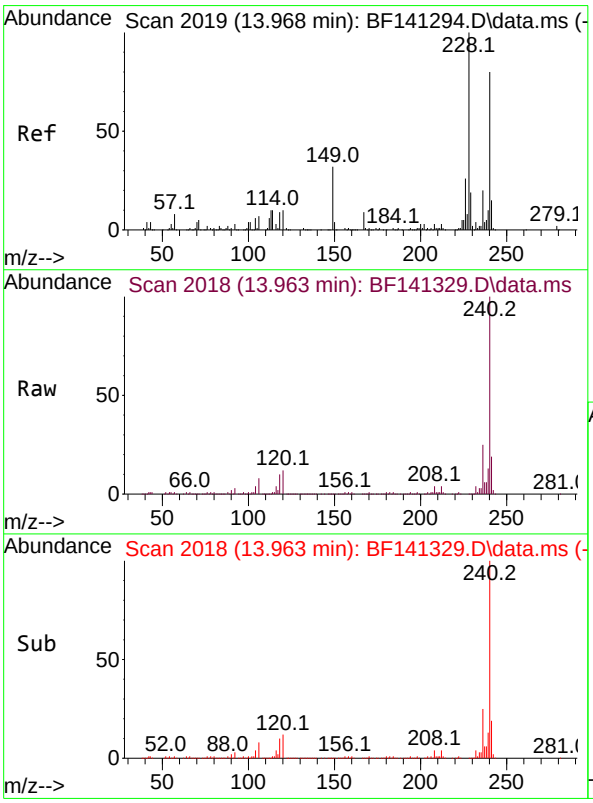
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion:188 Resp: 566632

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.5	8.2	12.4

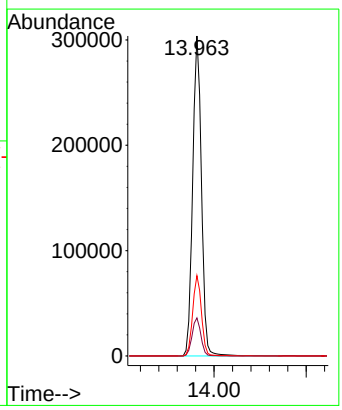


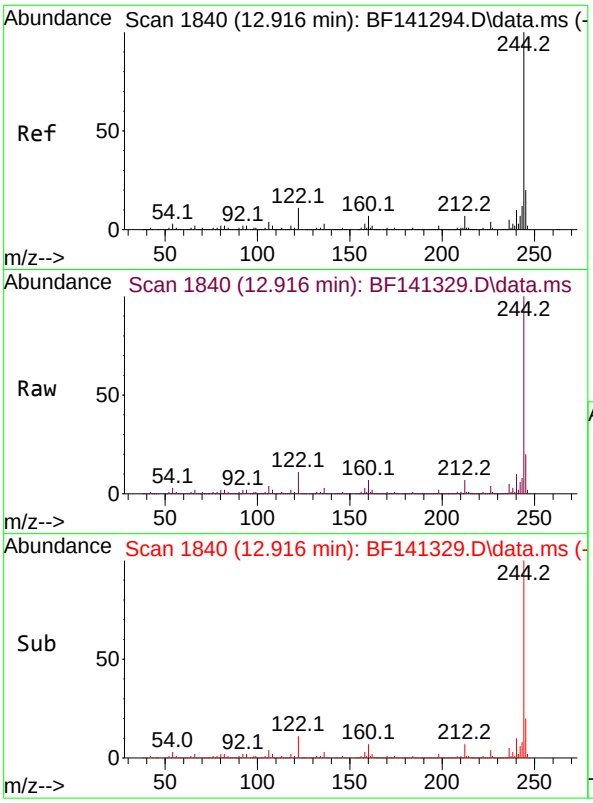


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:240 Resp: 400669

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.0	15.0
236	25.1	19.7	29.5



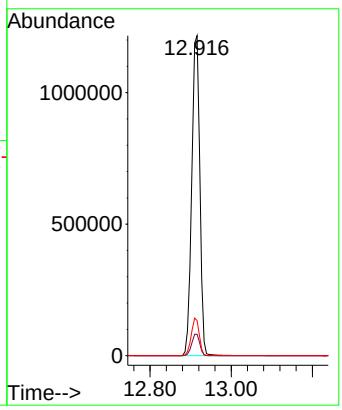


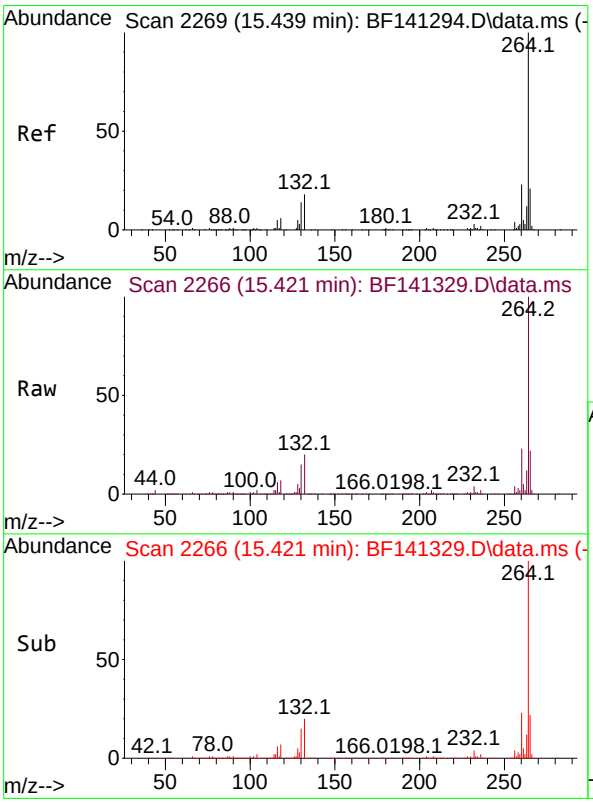
#79
Terphenyl-d14
Concen: 64.921 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Tgt Ion:244 Resp: 1686692

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.9	8.8	13.2

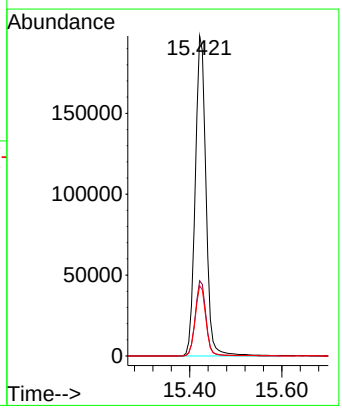




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141329.D
Acq: 31 Jan 2025 13:53

Tgt Ion:264 Resp: 319761

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	22.0	16.7	25.1



Sample Results: **BF141329.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	15	rVB	64057	96119	1.88%	0.358%
2	4.993	483	493	503	rBV2	36311	69228	1.35%	0.258%
3	5.404	557	563	582	rBV	1543372	2006048	39.26%	7.462%
4	6.416	730	735	756	rBV	982828	1292662	25.30%	4.808%
5	6.798	794	800	805	rBV	720805	910522	17.82%	3.387%
6	7.357	889	895	901	rBV	2076070	2957143	57.87%	11.000%
7	8.081	1012	1018	1023	rBV	944670	1218098	23.84%	4.531%
8	9.157	1194	1201	1206	rBV	3796430	5109837	100.00%	19.007%
9	9.834	1310	1316	1321	rBV	1133729	1410645	27.61%	5.247%
10	10.551	1433	1438	1444	rBV	148690	186234	3.64%	0.693%
11	10.622	1444	1450	1468	rBV	2353809	3301619	64.61%	12.281%
12	11.322	1564	1569	1575	rBV	1135256	1430398	27.99%	5.321%
13	11.851	1654	1659	1672	rBV2	97674	183593	3.59%	0.683%
14	12.563	1775	1780	1789	rBV	30133	58344	1.14%	0.217%
15	12.639	1789	1793	1804	rVB	30617	58630	1.15%	0.218%
16	12.910	1833	1839	1845	rBV	3233245	4493842	87.94%	16.715%
17	13.921	2000	2011	2012	rBV7	23672	60714	1.19%	0.226%
18	13.963	2013	2018	2038	rVB	848160	1166123	22.82%	4.338%
19	15.421	2260	2266	2283	rBV	543328	874498	17.11%	3.253%

Sum of corrected areas: 26884297

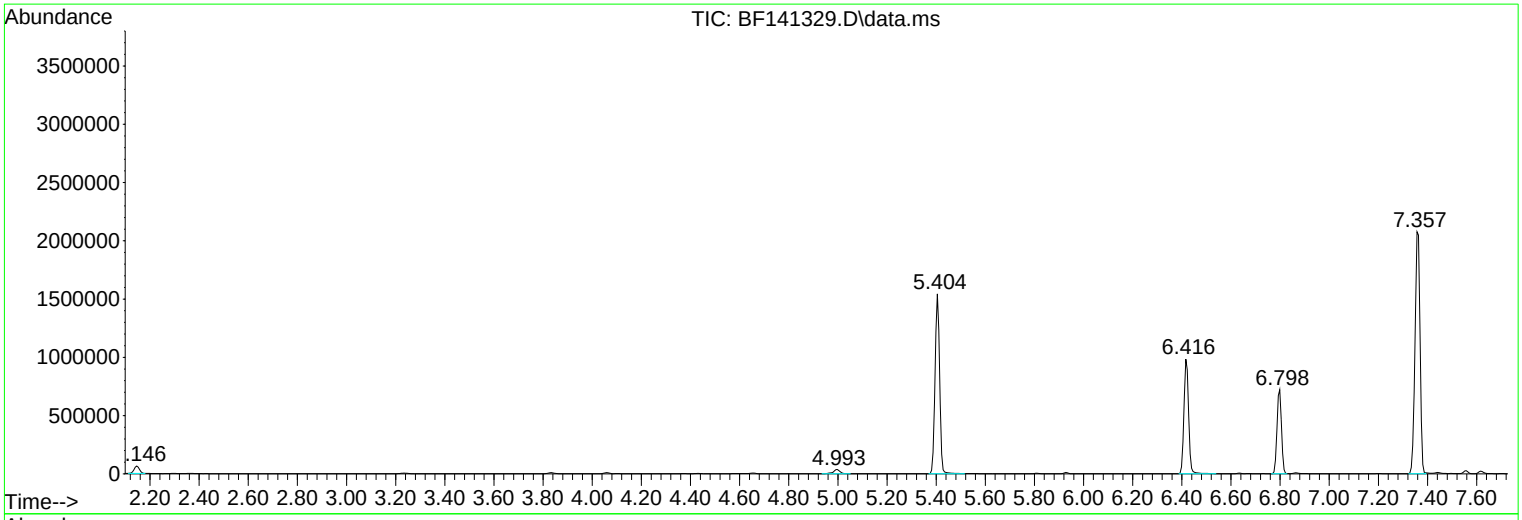
Sample Results: **BF141329.D**

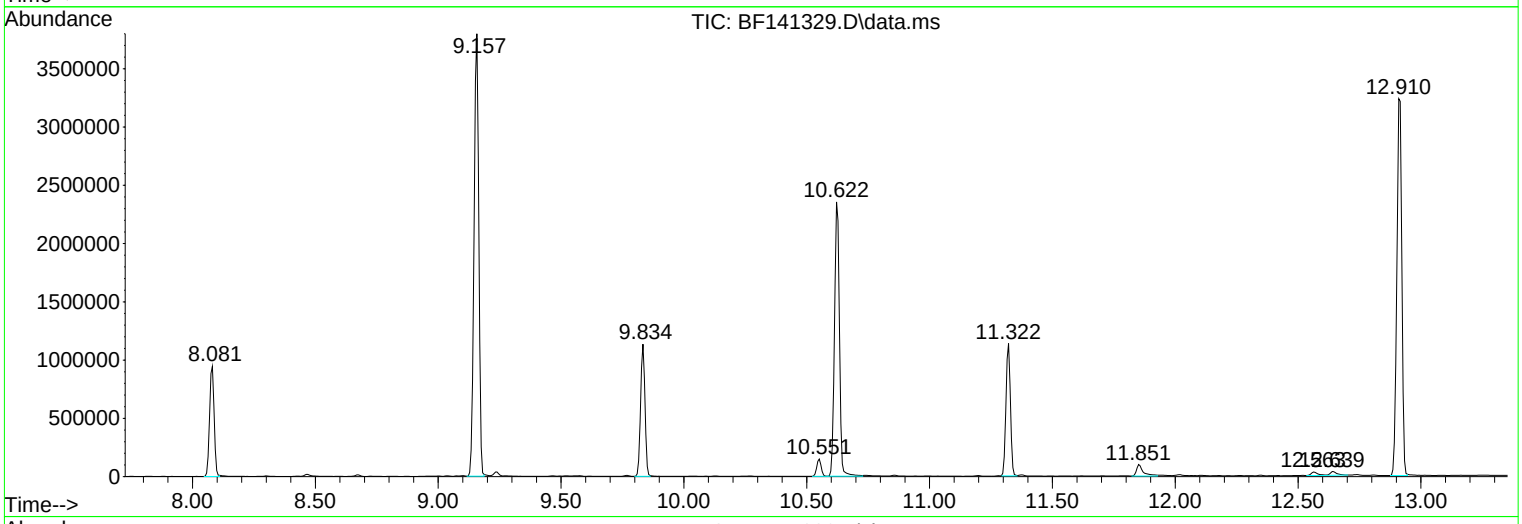
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

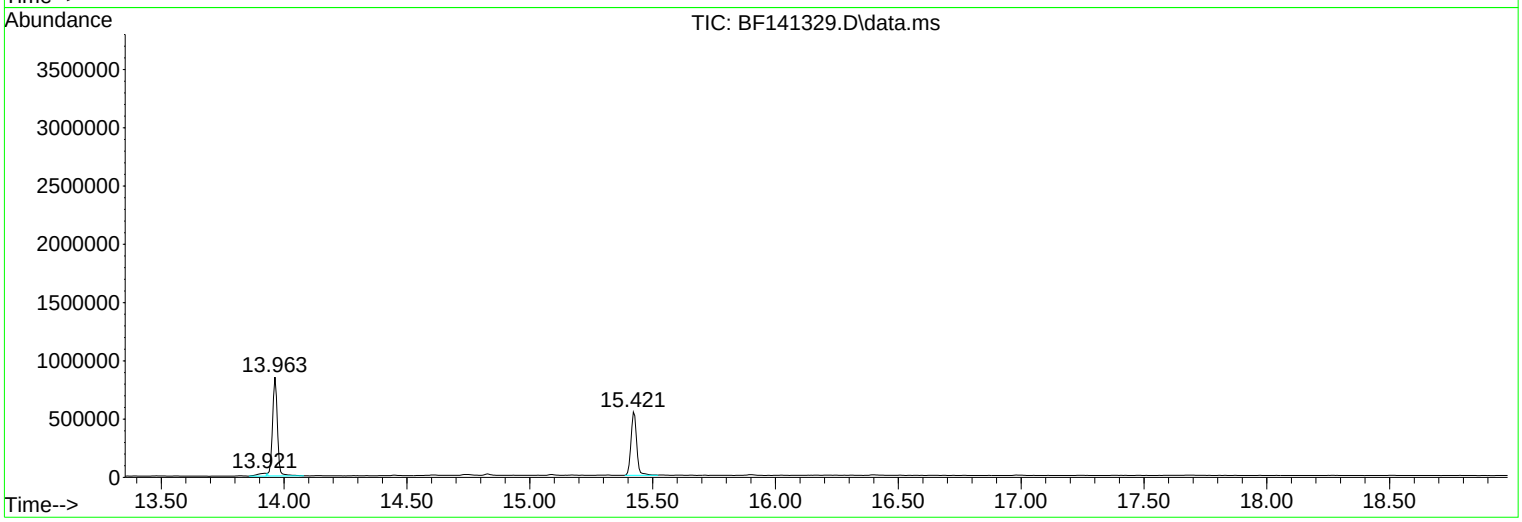
Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

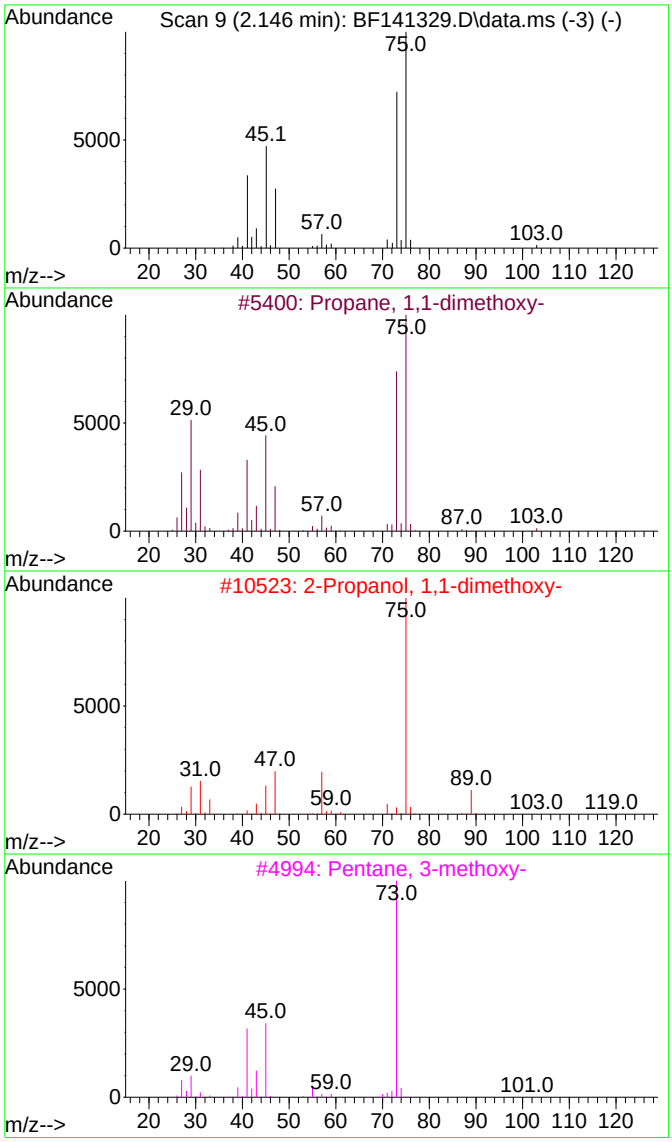
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TIC Integration Parameters: LSCINT.P

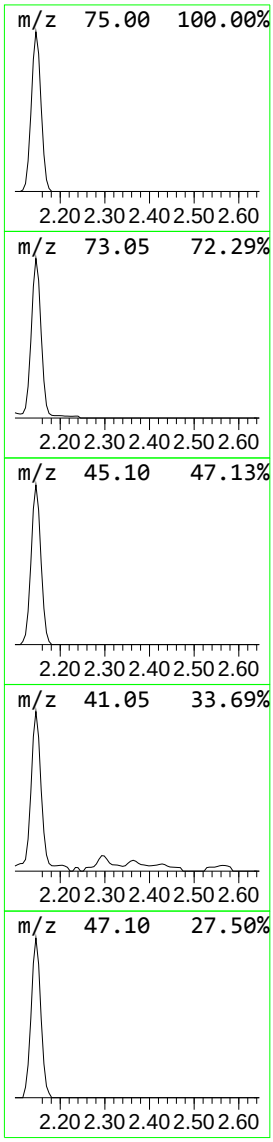
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	2.11 ng	96119	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	10
5	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

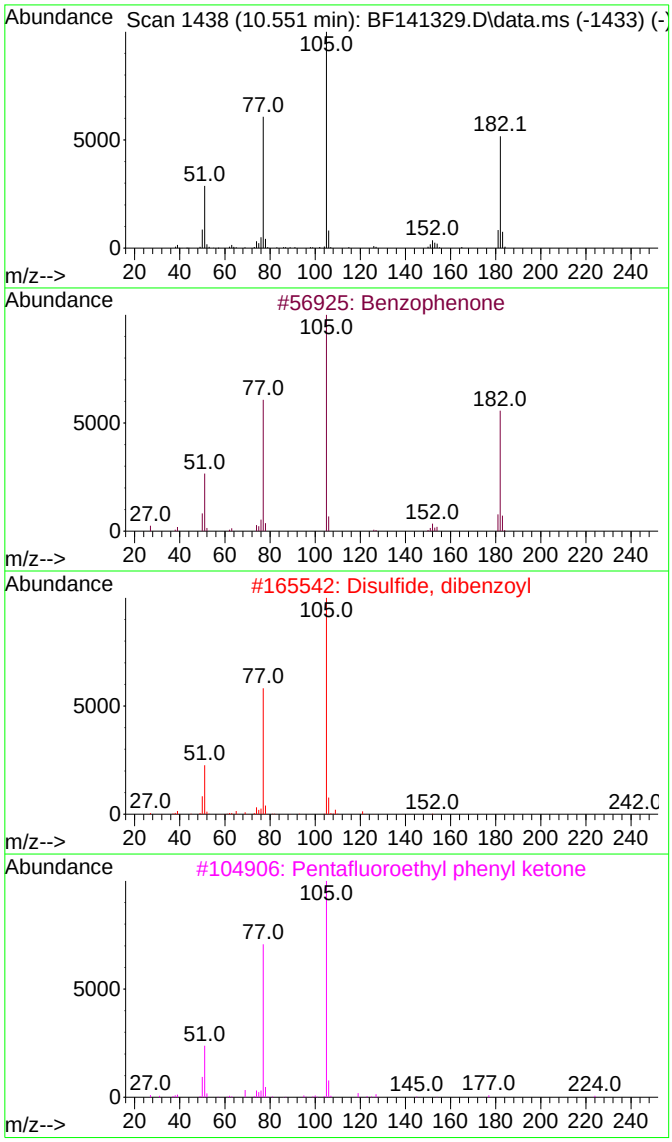
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

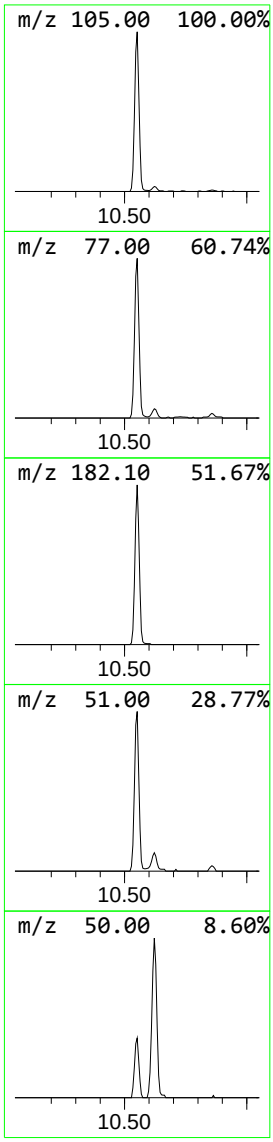
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	2.64 ng	186234	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	49
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

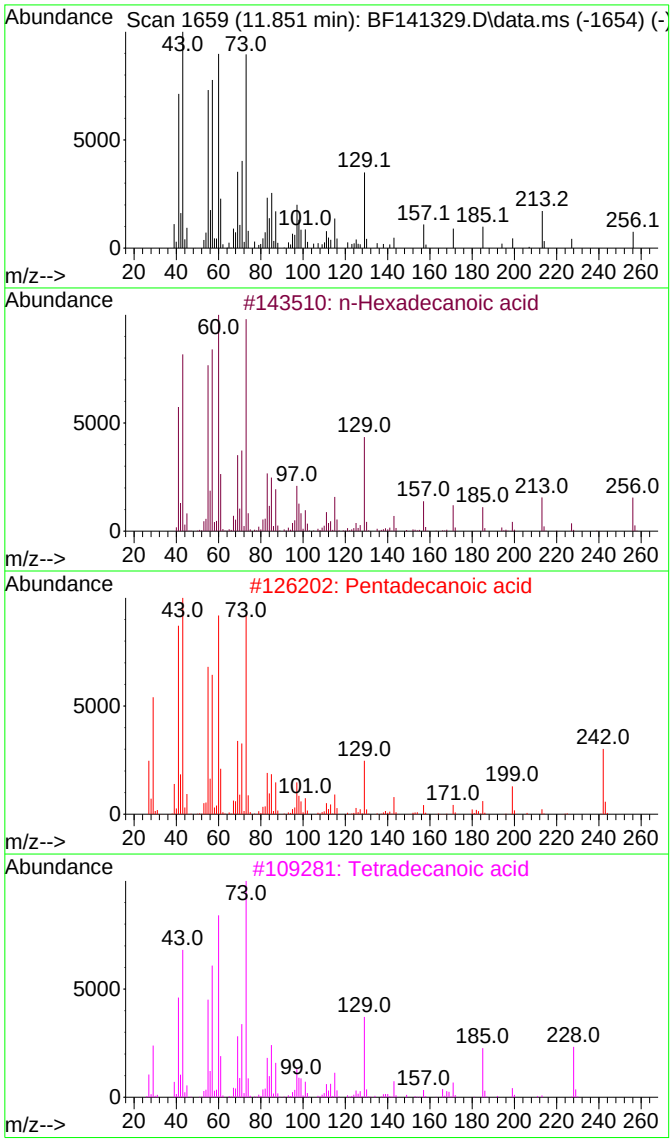
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

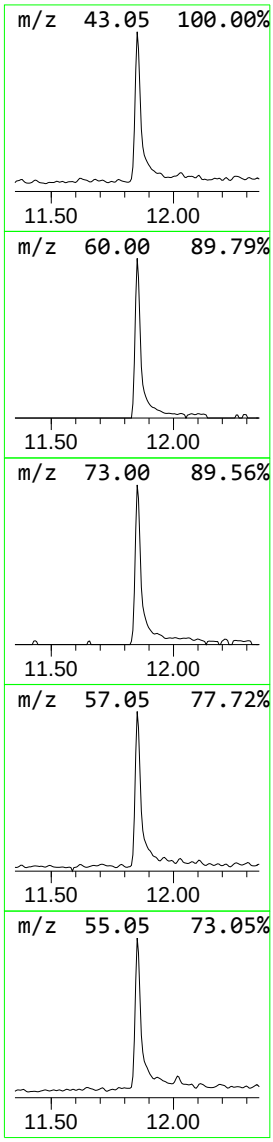
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	2.57 ng	183593	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Isoamyl nitrite	117	C5H11NO2	000110-46-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141329.D
Acq On : 31 Jan 2025 13:53
Operator : RC/JU
Sample : Q1211-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TAPIAL2-MW03-012825-00-T3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.146	2.1	ng	96119	1	6.798	910522	20.0
Benzophenone	10.551	2.6	ng	186234	3	9.834	1410650	20.0
n-Hexadecanoic ...	11.851	2.6	ng	183593	4	11.322	1430400	20.0

CALIBRATION SUMMARY

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date(s): 01/29/2025 01/29/2025

Calibration Time(s): 10:30 17:05

LAB FILE ID: RRF2.5 = BF141290.D RRF005 = BF141291.D RRF010 = BF141292.D
RRF020 = BF141293.D RRF040 = BF141294.D RRF050 = BF141295.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.428	1.391	1.402	1.201	1.267	1.303	8.0
Benzaldehyde		1.166	1.130	1.104	0.895	0.861	0.960	17.8
Phenol-d6		1.841	1.800	1.743	1.520	1.611	1.657	8.5
Phenol		1.938	1.879	1.884	1.643	1.696	1.757	8.2
bis(2-Chloroethyl)ether		1.478	1.413	1.426	1.232	1.299	1.347	6.9
2-Chlorophenol		1.535	1.510	1.487	1.297	1.353	1.396	8.2
2-Methylphenol		1.237	1.175	1.210	1.042	1.107	1.135	6.6
2,2-oxybis(1-Chloropropane)		2.533	2.484	2.495	2.189	2.296	2.342	7.0
Acetophenone		0.547	0.523	0.517	0.436	0.449	0.475	11.1
3+4-Methylphenols		1.561	1.564	1.502	1.287	1.331	1.393	10.6
n-Nitroso-di-n-propylamine	1.084	1.052	1.060	1.032	0.895	0.936	0.985	8.3
Nitrobenzene-d5		0.405	0.396	0.406	0.354	0.373	0.379	6.1
Hexachloroethane		0.609	0.612	0.610	0.530	0.560	0.571	7.1
Nitrobenzene		0.418	0.411	0.420	0.371	0.385	0.393	6.1
Isophorone		0.698	0.685	0.694	0.611	0.640	0.656	5.6
2-Nitrophenol		0.176	0.187	0.199	0.177	0.189	0.185	4.7
2,4-Dimethylphenol		0.244	0.239	0.249	0.224	0.235	0.236	4.1
bis(2-Chloroethoxy)methane		0.454	0.440	0.445	0.389	0.405	0.418	6.7
2,4-Dichlorophenol		0.307	0.300	0.312	0.271	0.284	0.289	6.4
Naphthalene		1.193	1.145	1.140	0.976	1.020	1.057	9.7
4-Chloroaniline		0.382	0.378	0.391	0.338	0.351	0.358	7.4
Hexachlorobutadiene		0.209	0.207	0.209	0.179	0.190	0.194	7.5
Caprolactam		0.097	0.095	0.102	0.089	0.094	0.094	4.9
4-Chloro-3-methylphenol		0.328	0.328	0.334	0.287	0.301	0.310	6.7
2-Methylnaphthalene		0.755	0.732	0.724	0.624	0.643	0.672	9.7
Hexachlorocyclopentadiene		0.136	0.157	0.174	0.172	0.182	0.168	9.7
2,4,6-Trichlorophenol		0.381	0.380	0.390	0.364	0.375	0.372	3.8
2-Fluorobiphenyl		1.597	1.464	1.398	1.184	1.202	1.299	14.5
2,4,5-Trichlorophenol		0.429	0.425	0.429	0.377	0.391	0.405	5.5
1,1-Biphenyl		1.810	1.692	1.650	1.454	1.492	1.560	10.3
2-Chloronaphthalene		1.396	1.310	1.290	1.122	1.159	1.216	9.6
2-Nitroaniline		0.386	0.389	0.407	0.364	0.382	0.382	3.9
Dimethylphthalate		1.498	1.456	1.445	1.239	1.299	1.351	8.3
Acenaphthylene		1.921	1.854	1.815	1.595	1.620	1.702	9.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date(s): 01/29/2025 01/29/2025

Calibration Time(s): 10:30 17:05

LAB FILE ID: RRF2.5 = BF141290.D RRF005 = BF141291.D RRF010 = BF141292.D
RRF020 = BF141293.D RRF040 = BF141294.D RRF050 = BF141295.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.333	0.331	0.333	0.296	0.304	0.314	5.9
3-Nitroaniline		0.321	0.330	0.341	0.303	0.293	0.307	8.4
Acenaphthene		1.361	1.300	1.291	1.128	1.170	1.216	8.5
2,4-Dinitrophenol			0.102	0.136	0.147	0.156	0.146	16.8
4-Nitrophenol		0.187	0.215	0.251	0.224	0.231	0.225	9.2
Dibenzofuran		1.869	1.788	1.755	1.518	1.525	1.627	10.7
2,4-Dinitrotoluene		0.424	0.431	0.443	0.386	0.392	0.406	7.0
Diethylphthalate		1.470	1.417	1.412	1.225	1.238	1.310	9.3
4-Chlorophenyl-phenylether		0.738	0.694	0.659	0.567	0.565	0.617	13.0
Fluorene		1.512	1.410	1.353	1.167	1.164	1.262	13.0
4-Nitroaniline		0.297	0.312	0.330	0.290	0.294	0.302	5.4
4,6-Dinitro-2-methylphenol		0.080	0.105	0.122	0.125	0.131	0.118	16.3
n-Nitrosodiphenylamine		0.716	0.684	0.674	0.626	0.622	0.647	6.9
2,4,6-Tribromophenol		0.198	0.198	0.198	0.173	0.175	0.183	8.0
4-Bromophenyl-phenylether		0.235	0.234	0.234	0.217	0.218	0.224	4.6
Hexachlorobenzene		0.257	0.250	0.248	0.229	0.229	0.238	6.1
Atrazine		0.211	0.202	0.213	0.213	0.215	0.216	4.9
Pentachlorophenol		0.112	0.136	0.146	0.143	0.146	0.139	9.1
Phenanthrene		1.233	1.170	1.142	1.025	1.008	1.075	10.0
Anthracene		1.179	1.146	1.120	1.009	0.999	1.053	9.0
Carbazole		1.019	1.014	1.021	0.899	0.878	0.934	9.0
Di-n-butylphthalate		1.244	1.239	1.245	1.086	1.051	1.132	9.7
Fluoranthene		1.195	1.202	1.196	1.013	0.963	1.062	12.6
Pyrene		2.178	2.063	2.002	1.754	1.870	1.920	9.1
Terphenyl-d14		1.543	1.411	1.370	1.183	1.238	1.297	11.7
Butylbenzylphthalate		0.686	0.690	0.739	0.626	0.657	0.671	6.5
3,3-Dichlorobenzidine		0.412	0.422	0.427	0.418	0.478	0.439	5.8
Benzo(a)anthracene		1.532	1.410	1.453	1.270	1.375	1.380	7.0
Chrysene		1.332	1.325	1.342	1.136	1.267	1.265	6.0
Bis(2-ethylhexyl)phthalate		0.882	0.903	0.956	0.785	0.831	0.851	7.9
Di-n-octyl phthalate		1.194	1.267	1.438	1.230	1.365	1.321	7.0
Benzo(b)fluoranthene		1.358	1.382	1.328	1.120	1.265	1.258	8.3
Benzo(k)fluoranthene		1.167	1.114	1.274	1.083	1.049	1.114	7.3
Benzo(a)pyrene		1.118	1.059	1.131	1.011	1.061	1.063	4.4
Indeno(1,2,3-cd)pyrene		1.217	1.268	1.337	1.257	1.348	1.291	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date(s): 01/29/2025 01/29/2025

Calibration Time(s): 10:30 17:05

LAB FILE ID: RRF2.5 = BF141290.D RRF005 = BF141291.D RRF010 = BF141292.D
RRF020 = BF141293.D RRF040 = BF141294.D RRF050 = BF141295.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.966	1.001	1.101	1.016	1.087	1.039	4.7
Benzo(g,h,i)perylene		1.011	1.075	1.139	1.043	1.123	1.080	4.2
1,2,4,5-Tetrachlorobenzene		0.615	0.613	0.603	0.534	0.555	0.569	7.3
1,4-Dioxane		0.600	0.603	0.597	0.538	0.574	0.573	5.2
2,3,4,6-Tetrachlorophenol		0.325	0.343	0.341	0.304	0.305	0.319	6.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 29 17:41:25 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF141290.D 5 =BF141291.D 10 =BF141292.D 20 =BF141293.D 40 =BF141294.D 50 =BF141295.D 60 =BF141296.D 80 =BF1412
97.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.600	0.603	0.597	0.538	0.574	0.569	0.530	0.573	5.19
3)		Pyridine		1.364	1.410	1.450	1.320	1.394	1.404	1.322	1.380	3.46
4)		n-Nitrosodimet...		0.770	0.789	0.824	0.751	0.803	0.813	0.771	0.789	3.32
5)	S	2-Fluorophenol		1.428	1.391	1.402	1.201	1.267	1.268	1.163	1.303	8.03
6)		Aniline		1.480	1.511	1.542	1.359	1.404	1.350	1.174	1.403	8.93
7)	S	Phenol-d6		1.841	1.800	1.743	1.520	1.611	1.611	1.475	1.657	8.47
8)		2-Chlorophenol		1.535	1.510	1.487	1.297	1.353	1.355	1.237	1.396	8.24
9)		Benzaldehyde		1.166	1.130	1.104	0.895	0.861	0.837	0.727	0.960	17.81
10)	C	Phenol		1.938	1.879	1.884	1.643	1.696	1.704	1.554	1.757	8.22
11)		bis(2-Chloroet...		1.478	1.413	1.426	1.232	1.299	1.329	1.253	1.347	6.93
12)		1,3-Dichlorobe...		1.697	1.668	1.648	1.429	1.499	1.474	1.362	1.540	8.49
13)	C	1,4-Dichlorobe...		1.719	1.663	1.659	1.432	1.502	1.487	1.365	1.547	8.66
14)		1,2-Dichlorobe...		1.629	1.609	1.565	1.338	1.392	1.366	1.240	1.448	10.46
15)		Benzyl Alcohol		1.138	1.201	1.216	1.082	1.137	1.125	1.028	1.133	5.72
16)		2,2'-oxybis(1-...		2.533	2.484	2.495	2.189	2.296	2.287	2.112	2.342	7.01
17)		2-Methylphenol		1.237	1.175	1.210	1.042	1.107	1.120	1.053	1.135	6.62
18)		Hexachloroethane		0.609	0.612	0.610	0.530	0.560	0.561	0.513	0.571	7.09
19)	P	n-Nitroso-di-n...	1.084	1.052	1.060	1.032	0.895	0.936	0.945	0.874	0.985	8.27
20)		3+4-Methylphenols		1.561	1.564	1.502	1.287	1.331	1.323	1.186	1.393	10.65
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.547	0.523	0.517	0.436	0.449	0.443	0.412	0.475	11.06
23)	S	Nitrobenzene-d5		0.405	0.396	0.406	0.354	0.373	0.373	0.349	0.379	6.14
24)		Nitrobenzene		0.418	0.411	0.420	0.371	0.385	0.389	0.358	0.393	6.14
25)		Isophorone		0.698	0.685	0.694	0.611	0.640	0.648	0.615	0.656	5.62
26)	C	2-Nitrophenol		0.176	0.187	0.199	0.177	0.189	0.191	0.179	0.185	4.66
27)		2,4-Dimethylph...		0.244	0.239	0.249	0.224	0.235	0.238	0.223	0.236	4.12
28)		bis(2-Chloroet...		0.454	0.440	0.445	0.389	0.405	0.411	0.384	0.418	6.70
29)	C	2,4-Dichloroph...		0.307	0.300	0.312	0.271	0.284	0.286	0.262	0.289	6.39
30)		1,2,4-Trichlor...		0.372	0.354	0.354	0.304	0.318	0.316	0.292	0.330	9.11
31)		Naphthalene		1.193	1.145	1.140	0.976	1.020	1.002	0.919	1.057	9.72
32)		Benzoic acid		0.140	0.178	0.238	0.221	0.241	0.259	0.242	0.217	19.59
33)		4-Chloroaniline		0.382	0.378	0.391	0.338	0.351	0.349	0.318	0.358	7.38
34)	C	Hexachlorobuta...		0.209	0.207	0.209	0.179	0.190	0.187	0.174	0.194	7.52
35)		Caprolactam		0.097	0.095	0.102	0.089	0.094	0.096	0.089	0.094	4.89
36)	C	4-Chloro-3-met...		0.328	0.328	0.334	0.287	0.301	0.307	0.283	0.310	6.71
37)		2-Methylnaphth...		0.755	0.732	0.724	0.624	0.643	0.639	0.583	0.672	9.68
38)		1-Methylnaphth...		0.757	0.723	0.711	0.606	0.625	0.623	0.573	0.660	10.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF012925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.615	0.613	0.603	0.534	0.555	0.551	0.512	0.569	7.25
41)	P	Hexachlorocycl...	0.136	0.157	0.174	0.172	0.182	0.181	0.174	0.168	9.69
42)	S	2,4,6-Tribromo...	0.198	0.198	0.198	0.173	0.175	0.179	0.163	0.183	7.98
43)	C	2,4,6-Trichlor...	0.381	0.380	0.390	0.364	0.375	0.369	0.347	0.372	3.79
44)		2,4,5-Trichlor...	0.429	0.425	0.429	0.377	0.391	0.403	0.383	0.405	5.50
45)	S	2-Fluorobiphenyl	1.597	1.464	1.398	1.184	1.202	1.168	1.083	1.299	14.48
46)		1,1'-Biphenyl	1.810	1.692	1.650	1.454	1.492	1.460	1.360	1.560	10.27
47)		2-Chloronaphth...	1.396	1.310	1.290	1.122	1.159	1.156	1.077	1.216	9.59
48)		2-Nitroaniline	0.386	0.389	0.407	0.364	0.382	0.385	0.364	0.382	3.91
49)		Acenaphthylene	1.921	1.854	1.815	1.595	1.620	1.612	1.495	1.702	9.38
50)		Dimethylphthalate	1.498	1.456	1.445	1.239	1.299	1.296	1.223	1.351	8.34
51)		2,6-Dinitrotol...	0.333	0.331	0.333	0.296	0.304	0.309	0.290	0.314	5.90
52)	C	Acenaphthene	1.361	1.300	1.291	1.128	1.170	1.180	1.079	1.216	8.46
53)		3-Nitroaniline	0.321	0.330	0.341	0.303	0.293	0.298	0.264	0.307	8.44
54)	P	2,4-Dinitrophenol		0.102	0.136	0.147	0.156	0.169	0.164	0.146	16.81
55)		Dibenzofuran	1.869	1.788	1.755	1.518	1.525	1.539	1.398	1.627	10.72
56)	P	4-Nitrophenol	0.187	0.215	0.251	0.224	0.231	0.244	0.222	0.225	9.21
57)		2,4-Dinitrotol...	0.424	0.431	0.443	0.386	0.392	0.404	0.362	0.406	7.03
58)		Fluorene	1.512	1.410	1.353	1.167	1.164	1.172	1.059	1.262	12.96
59)		2,3,4,6-Tetrac...	0.325	0.343	0.341	0.304	0.305	0.324	0.291	0.319	6.11
60)		Diethylphthalate	1.470	1.417	1.412	1.225	1.238	1.260	1.146	1.310	9.32
61)		4-Chlorophenyl...	0.738	0.694	0.659	0.567	0.565	0.571	0.522	0.617	13.04
62)		4-Nitroaniline	0.297	0.312	0.330	0.290	0.294	0.311	0.281	0.302	5.45
63)		Azobenzene	1.464	1.411	1.390	1.224	1.249	1.276	1.162	1.311	8.51
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...	0.080	0.105	0.122	0.125	0.131	0.134	0.131	0.118	16.29
66)	c	n-Nitrosodiphe...	0.716	0.684	0.674	0.626	0.622	0.614	0.593	0.647	6.89
67)		4-Bromophenyl-...	0.235	0.234	0.234	0.217	0.218	0.220	0.210	0.224	4.57
68)		Hexachlorobenzene	0.257	0.250	0.248	0.229	0.229	0.232	0.217	0.238	6.07
69)		Atrazine	0.211	0.202	0.213	0.213	0.215	0.235	0.224	0.216	4.86
70)	C	Pentachlorophenol	0.112	0.136	0.146	0.143	0.146	0.149	0.141	0.139	9.08
71)		Phenanthrene	1.233	1.170	1.142	1.025	1.008	1.010	0.937	1.075	9.96
72)		Anthracene	1.179	1.146	1.120	1.009	0.999	0.996	0.924	1.053	9.00
73)		Carbazole	1.019	1.014	1.021	0.899	0.878	0.900	0.807	0.934	9.04
74)		Di-n-butylphth...	1.244	1.239	1.245	1.086	1.051	1.081	0.978	1.132	9.65
75)	C	Fluoranthene	1.195	1.202	1.196	1.013	0.963	0.982	0.880	1.062	12.57
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.882	0.480	0.210	0.730	0.906	0.724	0.556	0.641	38.34
78)		Pyrene	2.178	2.063	2.002	1.754	1.870	1.898	1.674	1.920	9.14
79)	S	Terphenyl-d14	1.543	1.411	1.370	1.183	1.238	1.230	1.103	1.297	11.68
80)		Butylbenzylpht...	0.686	0.690	0.739	0.626	0.657	0.688	0.610	0.671	6.49
81)		Benzo(a)anthra...	1.532	1.410	1.453	1.270	1.375	1.355	1.265	1.380	6.96
82)		3,3'-Dichlorob...	0.412	0.422	0.427	0.418	0.478	0.466	0.449	0.439	5.82
83)		Chrysene	1.332	1.325	1.342	1.136	1.267	1.243	1.210	1.265	5.98
84)		Bis(2-ethylhex...	0.882	0.903	0.956	0.785	0.831	0.834	0.764	0.851	7.93
85)	c	Di-n-octyl pht...	1.194	1.267	1.438	1.230	1.365	1.406	1.352	1.321	6.98

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF012925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.217	1.268	1.337	1.257	1.348	1.322	1.287	1.291	3.67
88)		Benzo(b)fluora...	1.358	1.382	1.328	1.120	1.265	1.218	1.136	1.258	8.33
89)		Benzo(k)fluora...	1.167	1.114	1.274	1.083	1.049	1.060	1.054	1.114	7.32
90)	C	Benzo(a)pyrene	1.118	1.059	1.131	1.011	1.061	1.051	1.010	1.063	4.44
91)		Dibenzo(a,h)an...	0.966	1.001	1.101	1.016	1.087	1.071	1.028	1.039	4.73
92)		Benzo(g,h,i)pe...	1.011	1.075	1.139	1.043	1.123	1.105	1.063	1.080	4.22

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141290.D
Acq On : 29 Jan 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 29 16:26:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

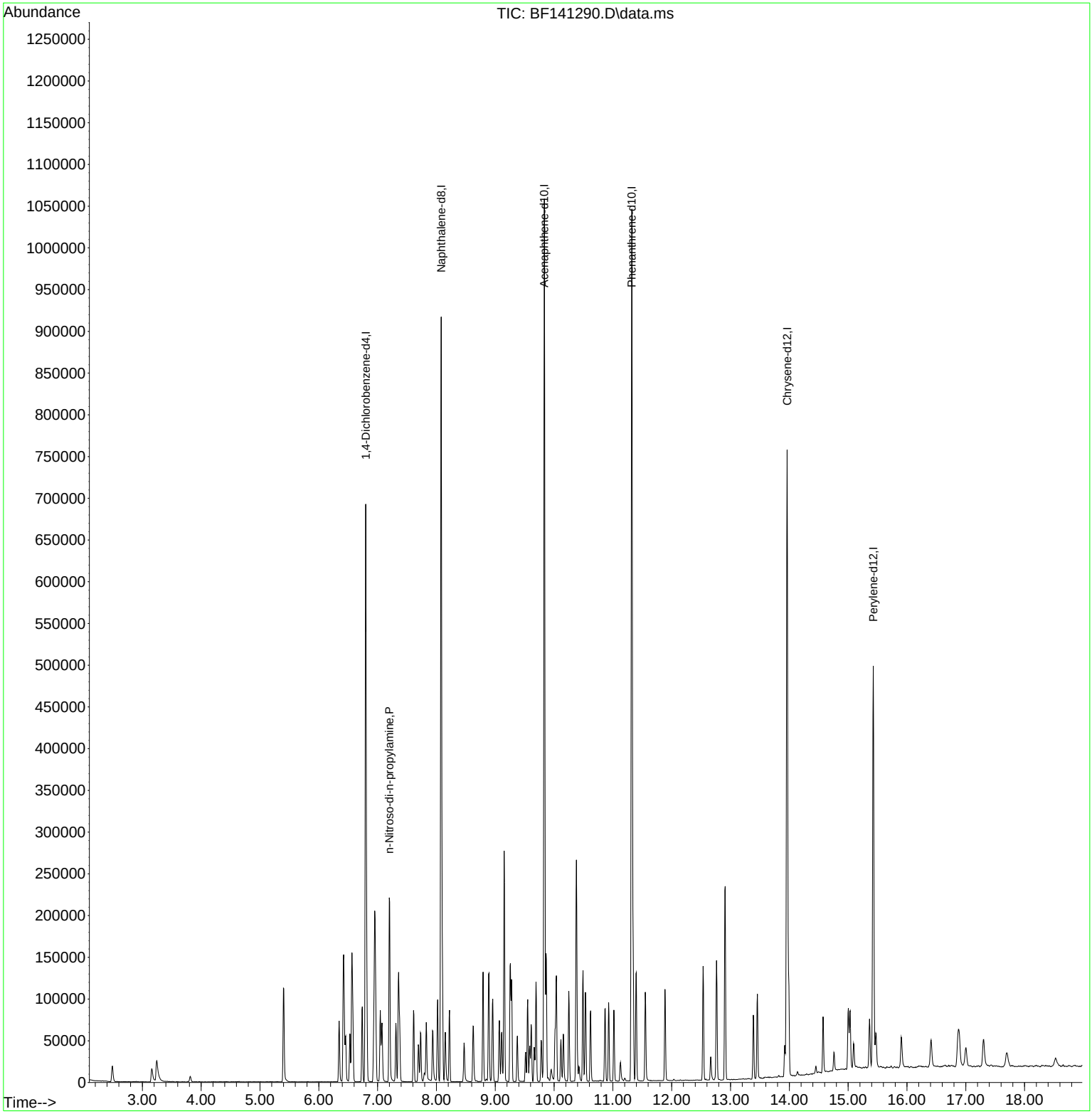
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	137039	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	552749	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	301993	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	536934	20.000	ng	0.00
76) Chrysene-d12	13.963	240	311885	20.000	ng	0.00
86) Perylene-d12	15.427	264	276754	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.198	70	18566	2.764	ng	99

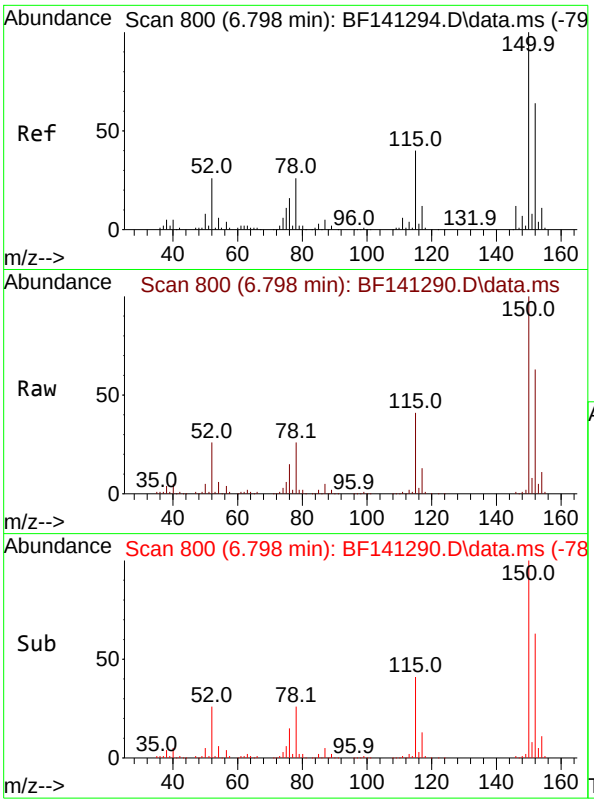
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141290.D
Acq On : 29 Jan 2025 10:30
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Jan 29 16:26:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration



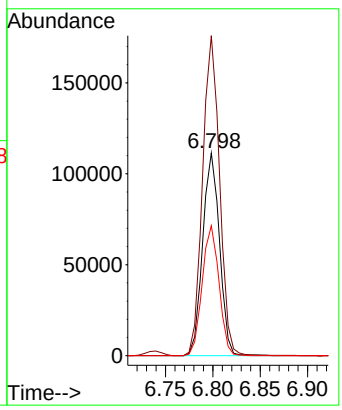


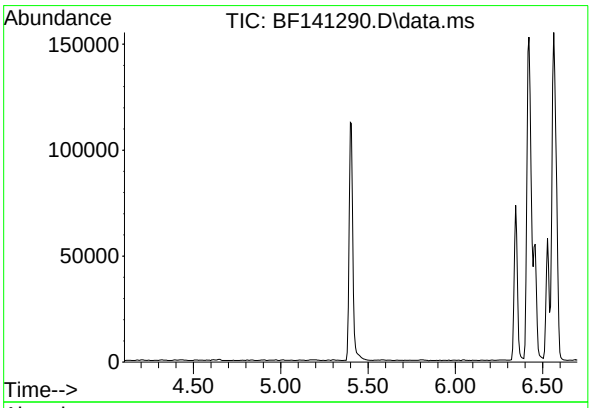
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:152 Resp: 137039

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	64.0	49.7	74.5



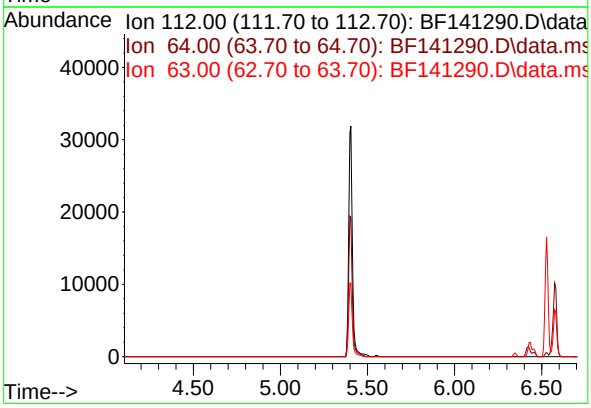


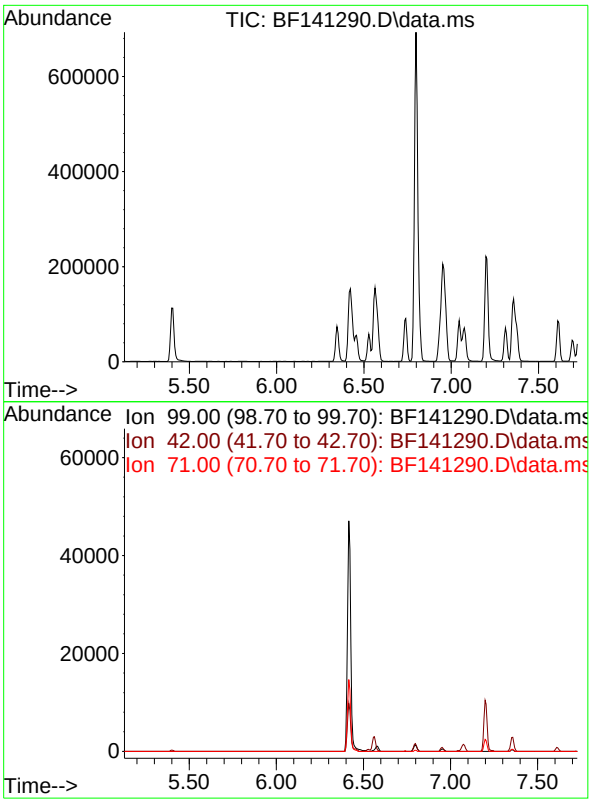
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	62.3
63	32.6





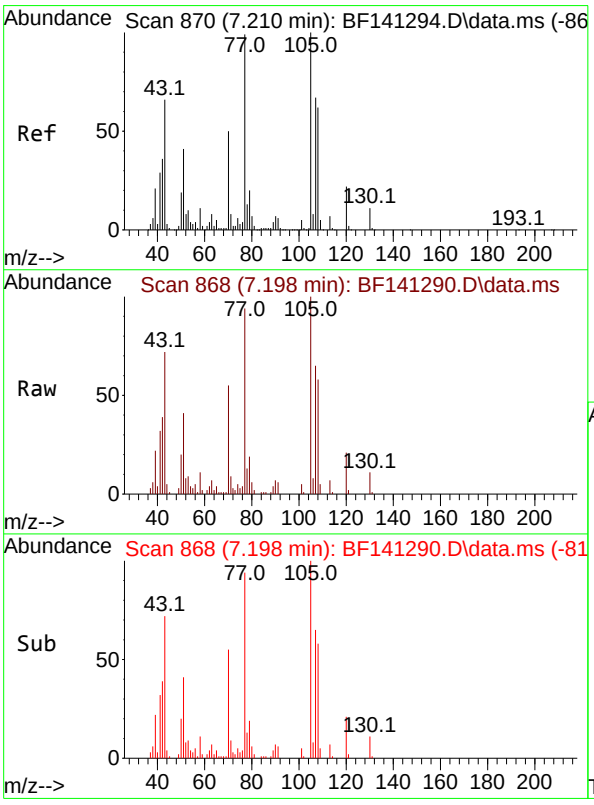
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.43 min

Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99

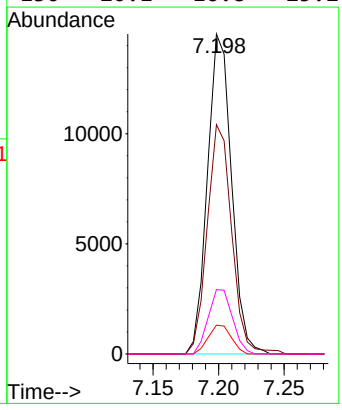
Sig	Exp Ratio
99	100
42	21.4
71	33.6

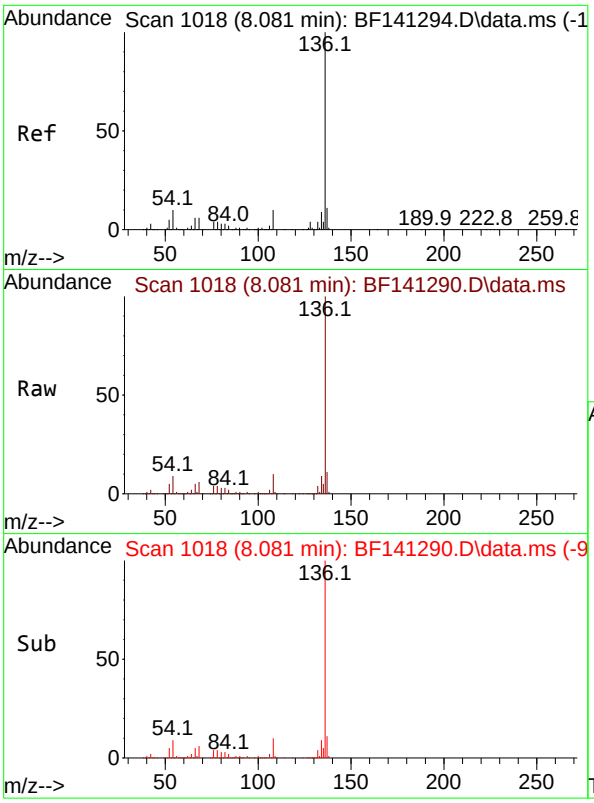


#19
n-Nitroso-di-n-propylamine
Concen: 2.764 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 70 Resp: 18566

Ion	Ratio	Lower	Upper
70	100		
42	71.6	56.8	85.2
101	9.0	7.7	11.5
130	20.1	16.8	25.2



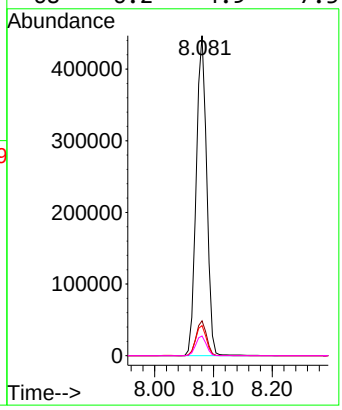


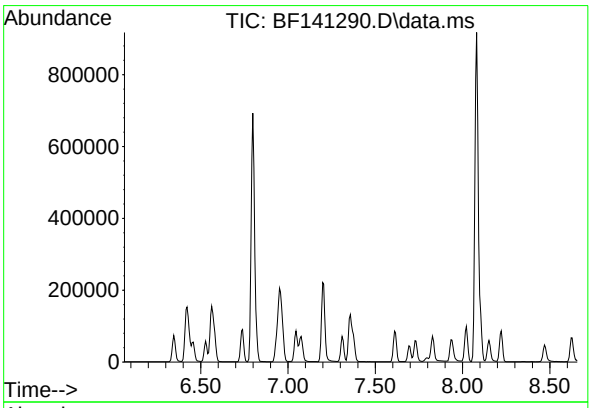
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:136 Resp: 552749

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.4	7.8	11.8
68	6.2	4.9	7.3



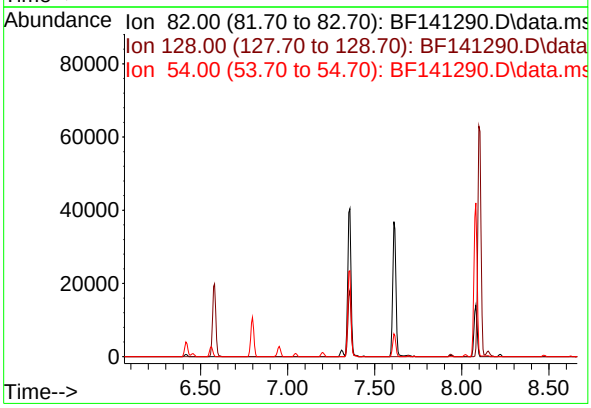


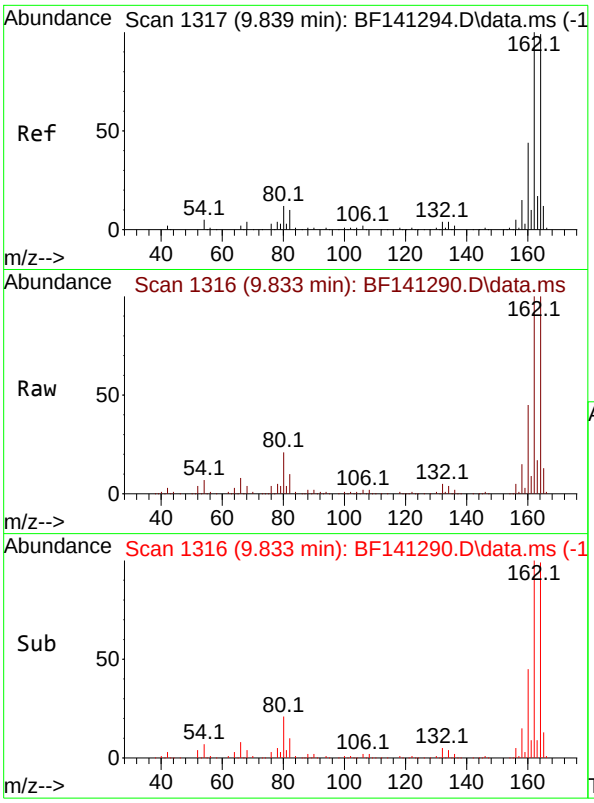
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.36 min

Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	44.6
54	58.9



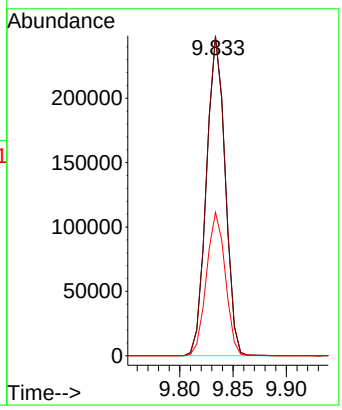


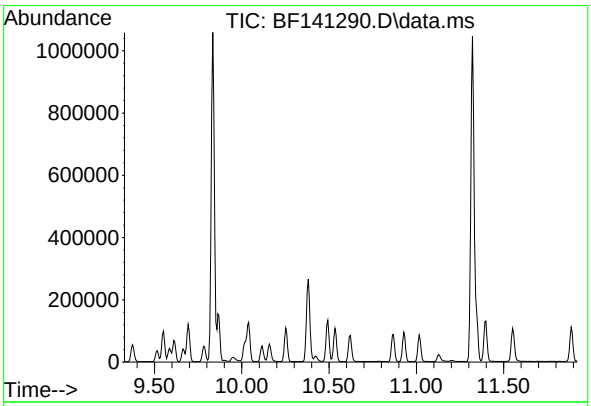
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:164 Resp: 301993

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.9	35.8	53.6



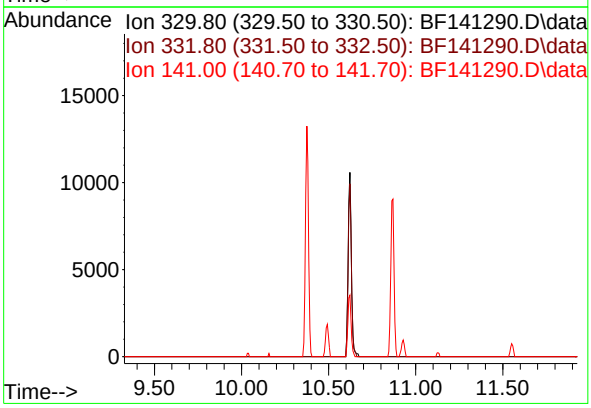


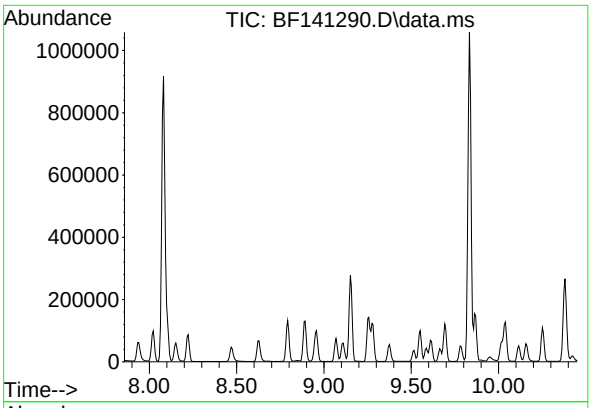
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.63 min

Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.1
141	36.0





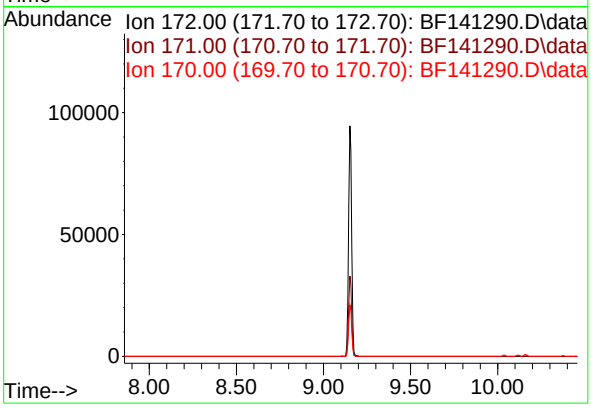
#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.16 min

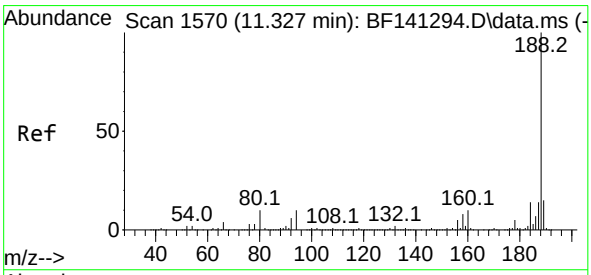
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

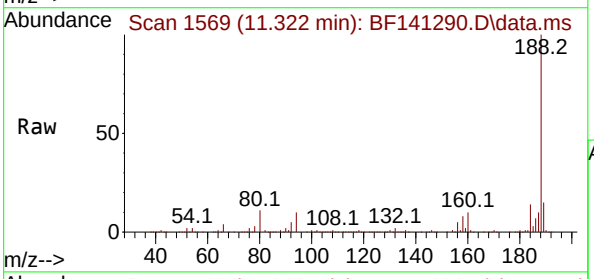
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

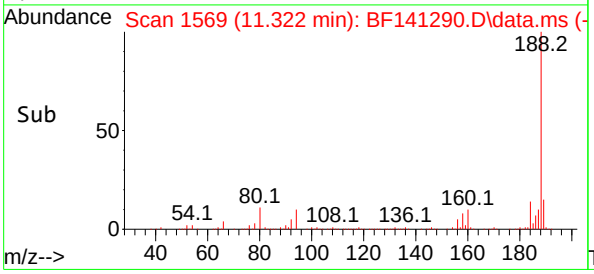
Tgt Ion: 172

Sig	Exp Ratio
172	100
171	36.0
170	23.8





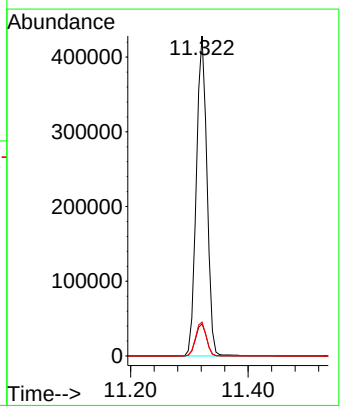


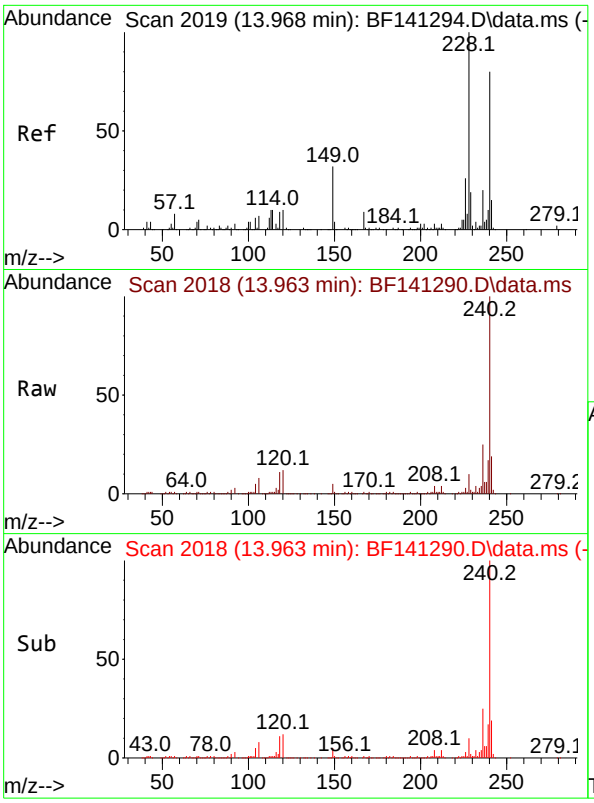


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion:188 Resp: 536934

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.6	8.2	12.4



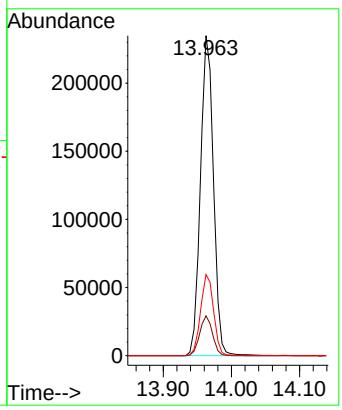


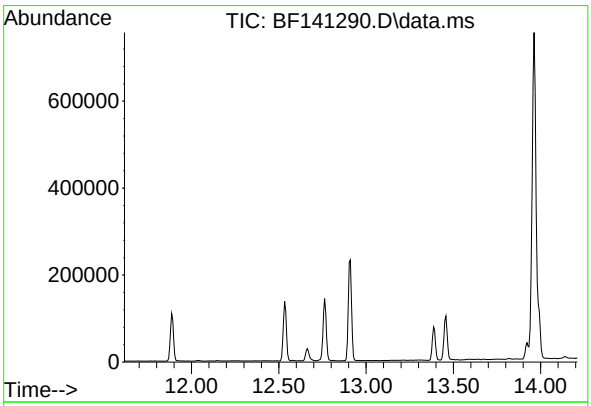
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:240 Resp: 311885

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	25.3	19.7	29.5



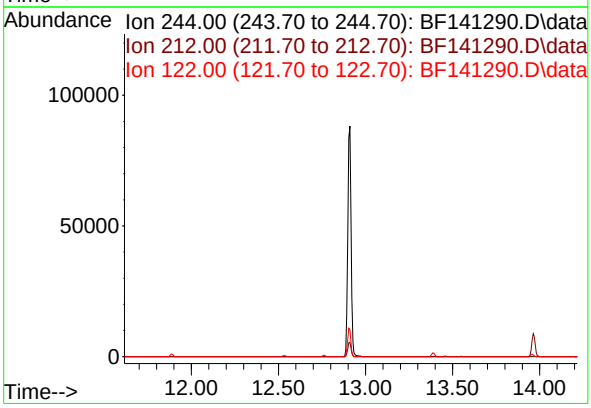


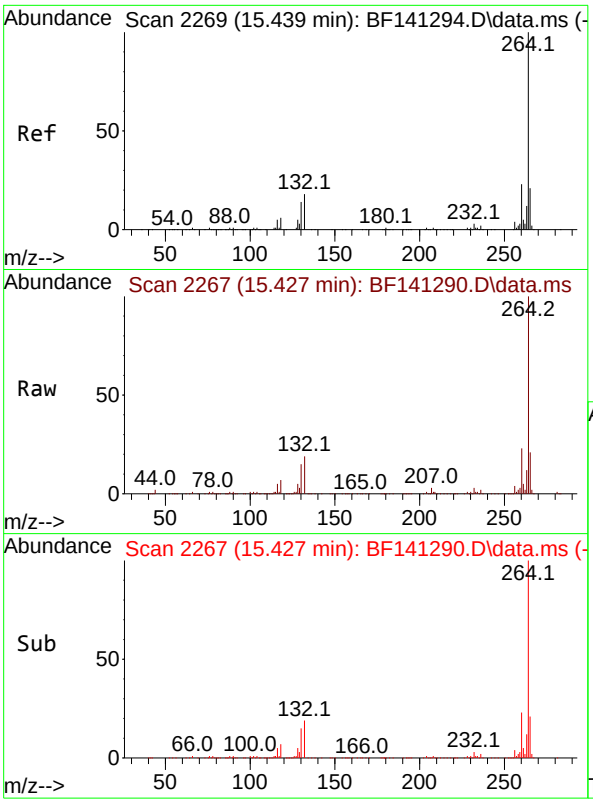
#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 12.92 min

Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Tgt Ion: 244

Sig	Exp Ratio
244	100
212	6.7
122	11.0



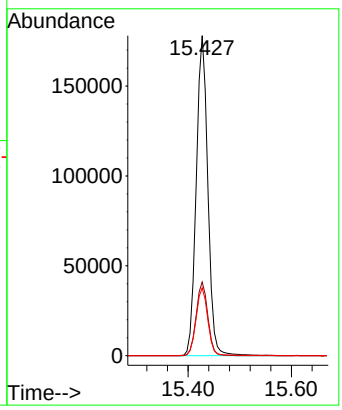


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141290.D
Acq: 29 Jan 2025 10:30

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:264 Resp: 276754

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.2	16.7	25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141291.D
Acq On : 29 Jan 2025 10:56
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 29 16:26:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.799	152	134200	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	531551	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	281034	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	497368	20.000	ng		0.00
76) Chrysene-d12	13.963	240	288657	20.000	ng		0.00
86) Perylene-d12	15.427	264	273117	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	95839	11.044	ng		0.00
7) Phenol-d6	6.416	99	123556	11.172	ng		-0.01
23) Nitrobenzene-d5	7.357	82	107680	10.719	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	27799	10.855	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	224446	12.320	ng		0.00
79) Terphenyl-d14	12.910	244	222747	11.874	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	20141	5.229	ng		99
3) Pyridine	3.234	79	45762	4.967	ng		97
4) n-Nitrosodimethylamine	3.158	42	25819	4.894	ng	#	96
6) Aniline	6.457	93	49669	5.373	ng		99
8) 2-Chlorophenol	6.581	128	51505	5.527	ng		96
9) Benzaldehyde	6.346	77	39117	6.090	ng		97
10) Phenol	6.434	94	65035	5.558	ng		93
11) bis(2-Chloroethyl)ether	6.528	93	49579	5.510	ng		98
12) 1,3-Dichlorobenzene	6.740	146	56929	5.539	ng		99
13) 1,4-Dichlorobenzene	6.816	146	57684	5.573	ng		99
14) 1,2-Dichlorobenzene	6.969	146	54653	5.650	ng		98
15) Benzyl Alcohol	6.934	79	38176	5.053	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	84988	5.436	ng		100
17) 2-Methylphenol	7.046	107	41498	5.500	ng		99
18) Hexachloroethane	7.310	117	20418	5.332	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	35278	5.363	ng		100
20) 3+4-Methylphenols	7.198	107	52364	5.645	ng	#	90
22) Acetophenone	7.204	105	72756	5.774	ng		98
24) Nitrobenzene	7.375	77	55610	5.337	ng		99
25) Isophorone	7.610	82	92818	5.346	ng		98
26) 2-Nitrophenol	7.693	139	23372	4.789	ng		97
27) 2,4-Dimethylphenol	7.728	122	32462	5.205	ng		99
28) bis(2-Chloroethoxy)met...	7.828	93	60286	5.449	ng		98
29) 2,4-Dichlorophenol	7.934	162	40847	5.360	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	49479	5.661	ng		96
31) Naphthalene	8.098	128	158560	5.672	ng		99
32) Benzoic acid	7.793	122	18585	3.281	ng		93
33) 4-Chloroaniline	8.151	127	50760	5.405	ng		97
34) Hexachlorobutadiene	8.222	225	27720	5.419	ng		99
35) Caprolactam	8.475	113	12827	5.204	ng		94
36) 4-Chloro-3-methylphenol	8.622	107	43627	5.334	ng		97
37) 2-Methylnaphthalene	8.793	142	100305	5.634	ng		98
38) 1-Methylnaphthalene	8.893	142	100569	5.767	ng		99
40) 1,2,4,5-Tetrachloroben...	8.957	216	43228	5.410	ng		97
41) Hexachlorocyclopentadiene	8.945	237	9555	3.985	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	26790	5.136	ng		97

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Data File : BF141291.D
Acq On : 29 Jan 2025 10:56
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 29 16:26:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

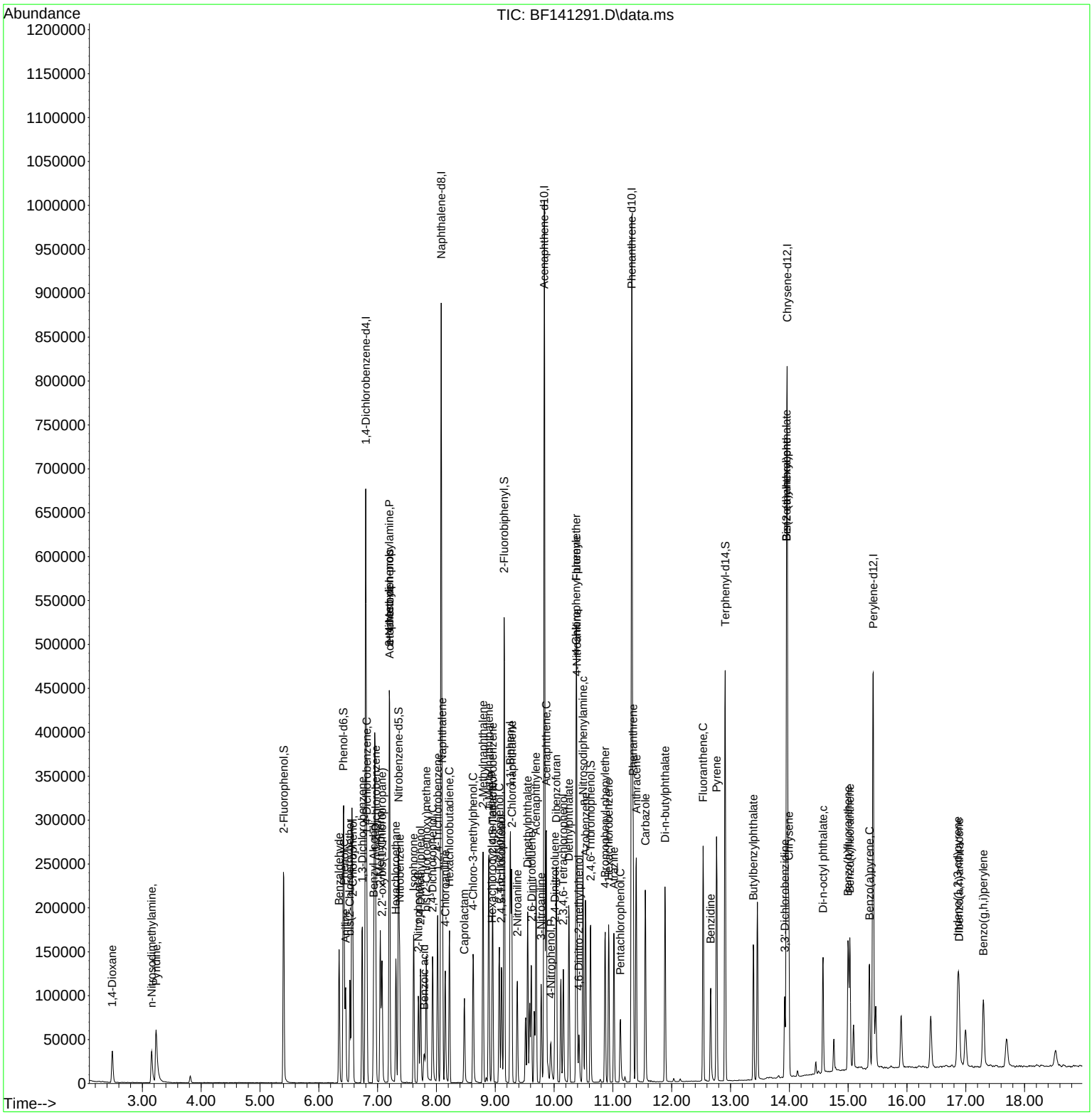
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	30127	5.309	ng	98
46) 1,1'-Biphenyl	9.257	154	127187	5.801	ng	99
47) 2-Chloronaphthalene	9.281	162	98081	5.760	ng	97
48) 2-Nitroaniline	9.375	65	27154	5.056	ng	99
49) Acenaphthylene	9.692	152	134958	5.643	ng	99
50) Dimethylphthalate	9.551	163	105240	5.584	ng	99
51) 2,6-Dinitrotoluene	9.616	165	23372	5.329	ng	95
52) Acenaphthene	9.869	154	95591	5.617	ng	100
53) 3-Nitroaniline	9.781	138	22582	5.206	ng	91
55) Dibenzofuran	10.039	168	131288	5.769	ng	98
56) 4-Nitrophenol	9.945	139	13160	4.226	ng	89
57) 2,4-Dinitrotoluene	10.016	165	29799	5.268	ng	98
58) Fluorene	10.381	166	106198	6.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	22818	5.090	ng	96
60) Diethylphthalate	10.251	149	103307	5.660	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	51875	6.007	ng	98
62) 4-Nitroaniline	10.387	138	20870	5.008	ng	95
63) Azobenzene	10.534	77	102878	5.623	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	9960	3.353	ng	92
66) n-Nitrosodiphenylamine	10.492	169	89060	5.523	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	29160	5.245	ng	94
68) Hexachlorobenzene	10.928	284	31990	5.424	ng	98
69) Atrazine	11.016	200	26258	4.855	ng	97
70) Pentachlorophenol	11.128	266	13924	4.027	ng	96
71) Phenanthrene	11.345	178	153320	5.738	ng	99
72) Anthracene	11.398	178	146593	5.625	ng	99
73) Carbazole	11.551	167	126760	5.491	ng	99
74) Di-n-butylphthalate	11.886	149	154718	5.560	ng	100
75) Fluoranthene	12.533	202	148553	5.696	ng	99
77) Benzidine	12.663	184	63661	7.253	ng	98
78) Pyrene	12.763	202	157175	5.639	ng	99
80) Butylbenzylphthalate	13.386	149	49477	5.140	ng	99
81) Benzo(a)anthracene	13.951	228	110559	5.588	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	29754	4.803	ng	100
83) Chrysene	13.992	228	96099	5.238	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	63638	5.269	ng	98
85) Di-n-octyl phthalate	14.574	149	86163	4.560	ng	98
87) Indeno(1,2,3-cd)pyrene	16.863	276	83074	4.657	ng	99
88) Benzo(b)fluoranthene	14.998	252	92690	5.465	ng	99
89) Benzo(k)fluoranthene	15.027	252	79701	5.247	ng	99
90) Benzo(a)pyrene	15.363	252	76368	5.268	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	65991	4.615	ng	99
92) Benzo(g,h,i)perylene	17.298	276	69049	4.591	ng	97

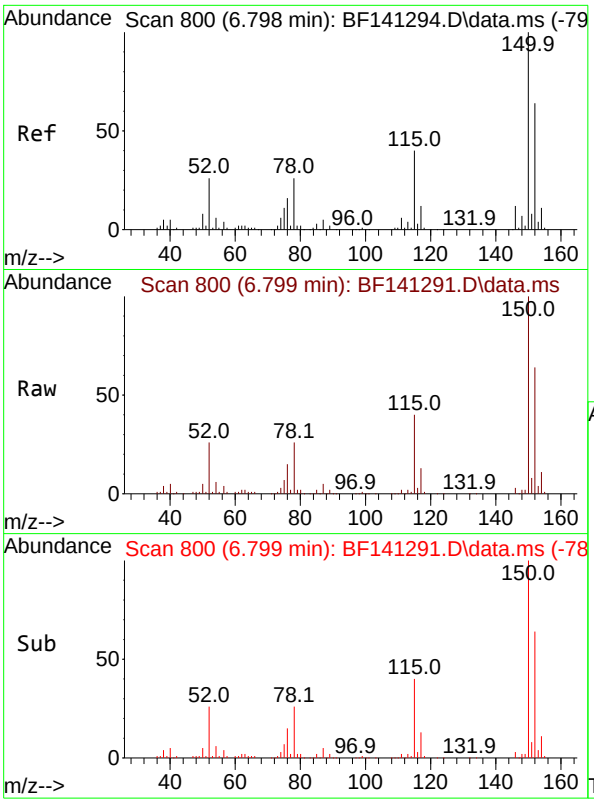
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141291.D
Acq On : 29 Jan 2025 10:56
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Jan 29 16:26:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration



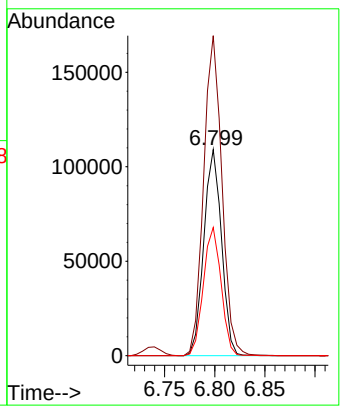


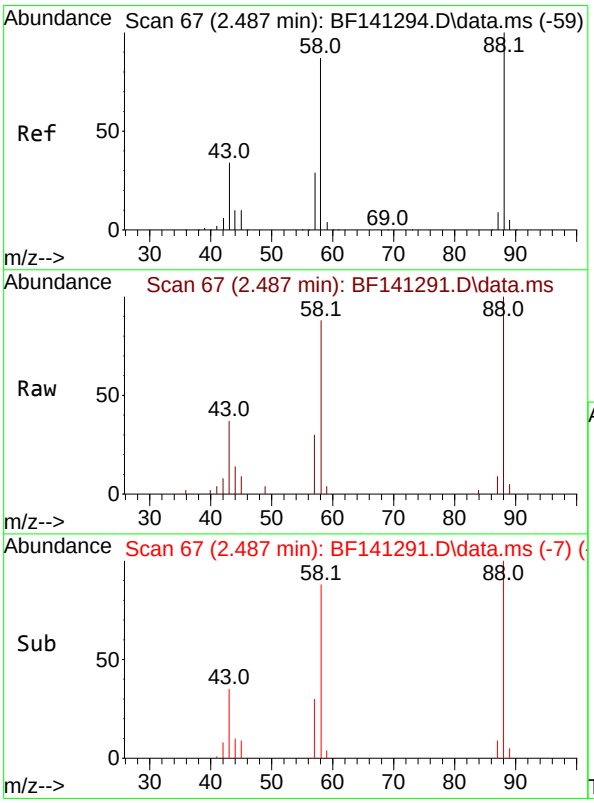
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.799 min Scan# 8
Delta R.T. 0.001 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 134200

Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.9	188.9
115	62.2	49.7	74.5

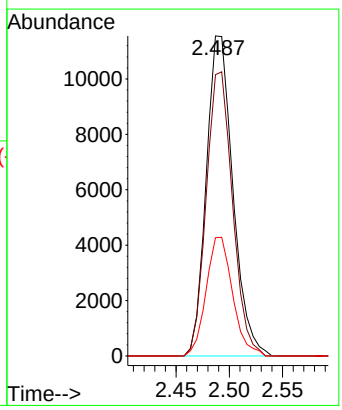


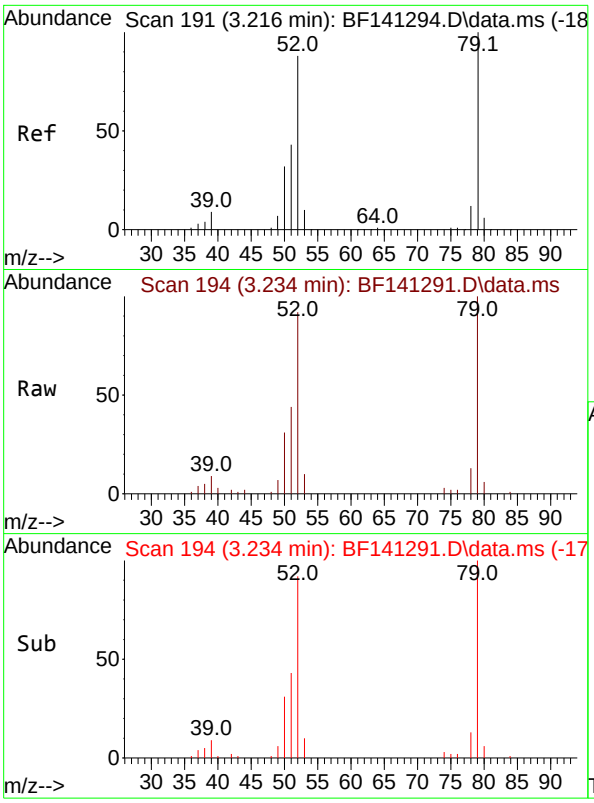


#2
1,4-Dioxane
Concen: 5.229 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 88 Resp: 20141

Ion	Ratio	Lower	Upper
88	100		
58	87.4	70.2	105.4
43	36.8	27.6	41.4



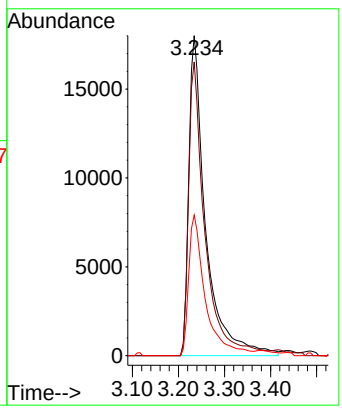


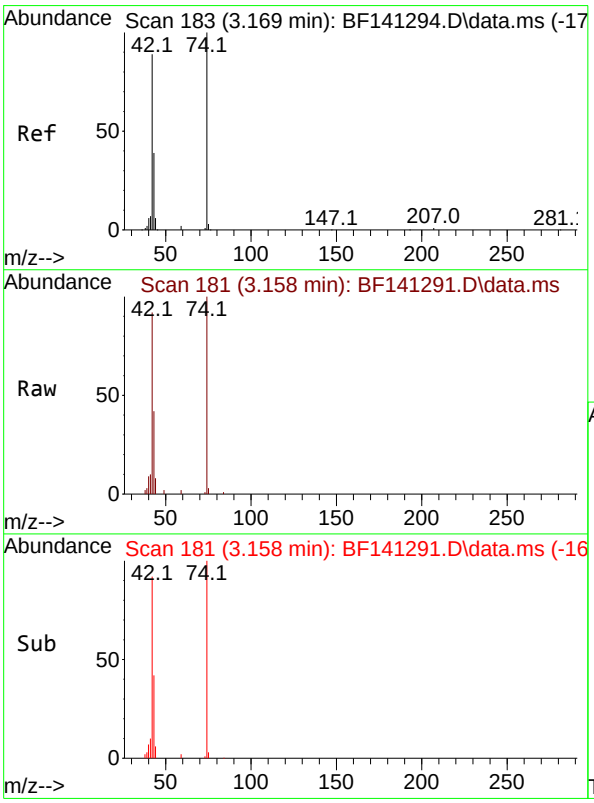
#3
Pyridine
Concen: 4.967 ng
RT: 3.234 min Scan# 1
Delta R.T. 0.018 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 45762

Ion	Ratio	Lower	Upper
79	100		
52	91.8	70.3	105.5
51	43.9	34.3	51.5

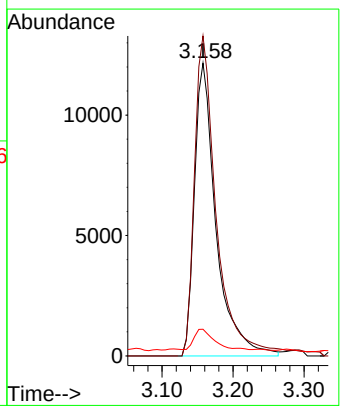


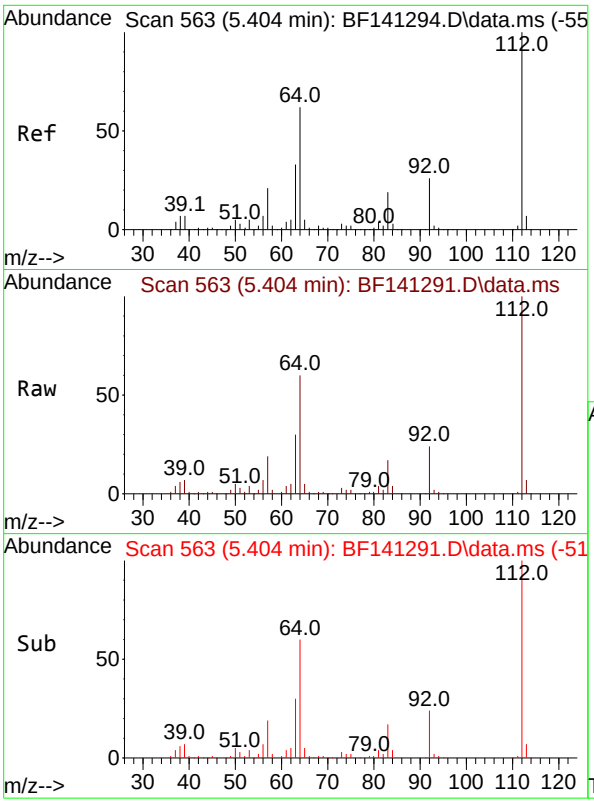


#4
n-Nitrosodimethylamine
Concen: 4.894 ng
RT: 3.158 min Scan# 181
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 42 Resp: 25819

Ion	Ratio	Lower	Upper
42	100		
74	109.3	90.3	135.5
44	9.1	5.7	8.5#



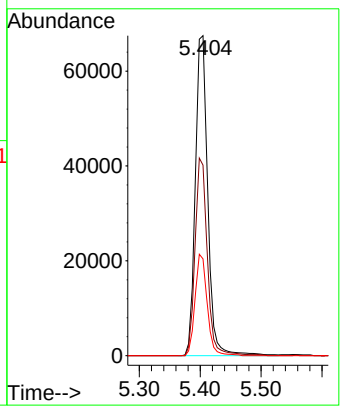


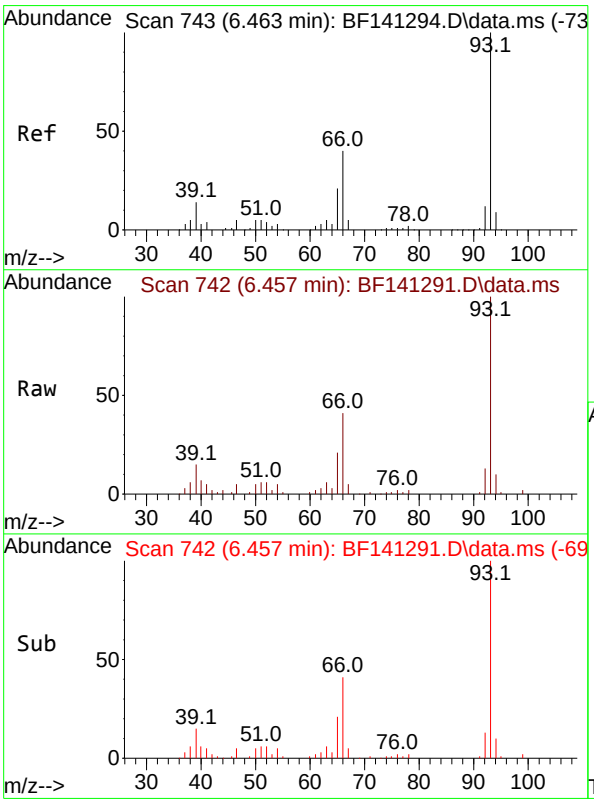
#5
2-Fluorophenol
Concen: 11.044 ng
RT: 5.404 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:112 Resp: 95839

Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.8	74.8
63	30.2	26.1	39.1

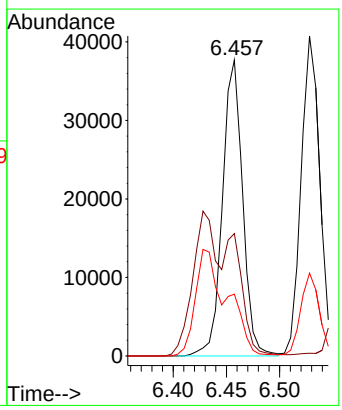


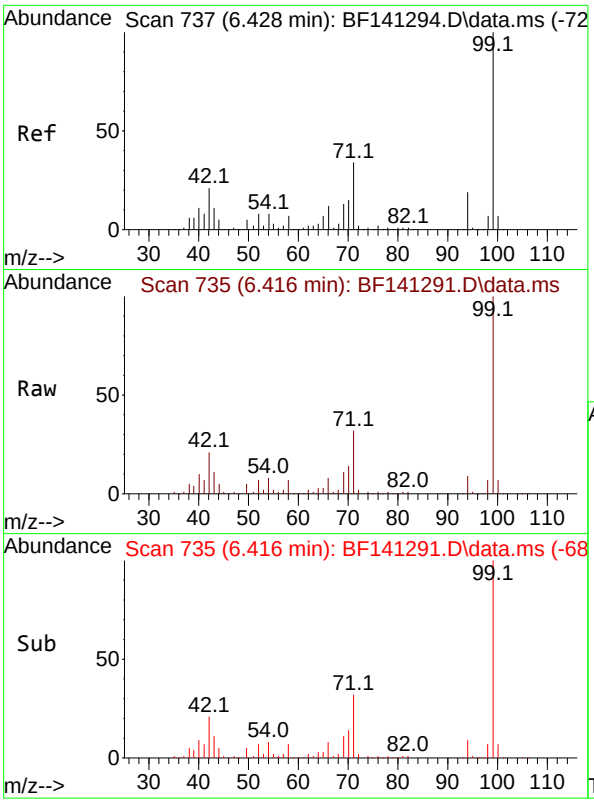


#6
Aniline
Concen: 5.373 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 93 Resp: 49669

Ion	Ratio	Lower	Upper
93	100		
66	41.4	32.5	48.7
65	20.9	17.0	25.6



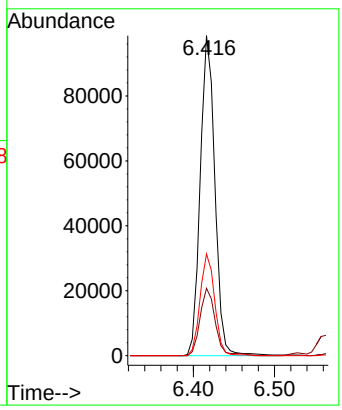


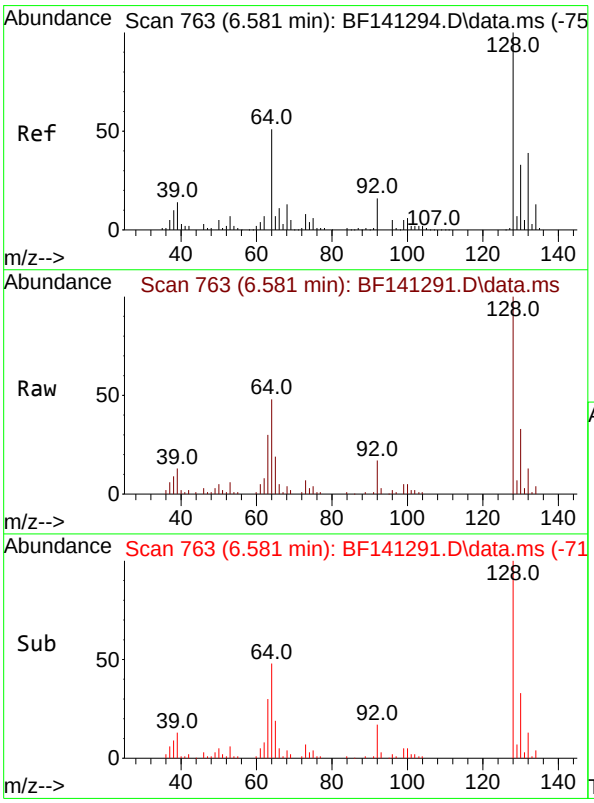
#7
Phenol-d6
Concen: 11.172 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 99 Resp: 123556

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	31.8	26.9	40.3

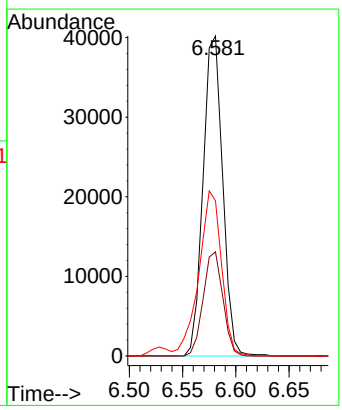


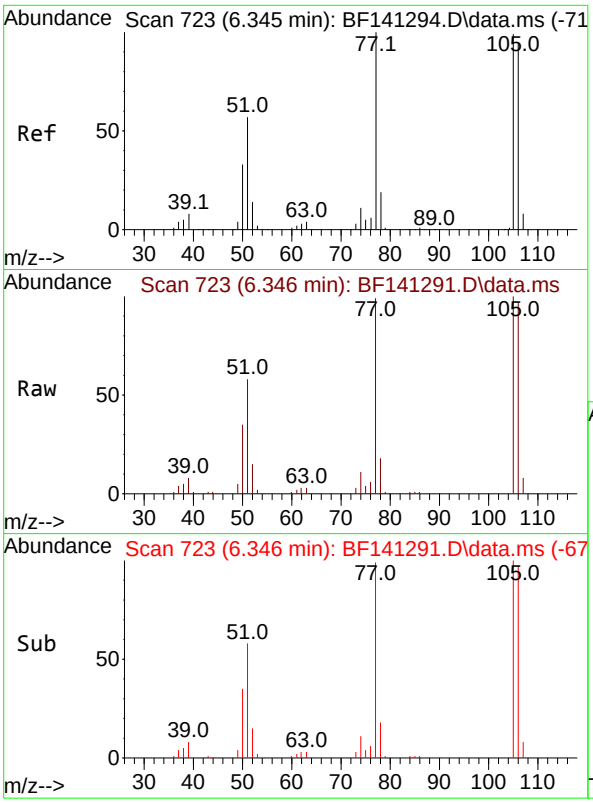


#8
2-Chlorophenol
Concen: 5.527 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:128 Resp: 51505

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	48.5	32.9	72.9



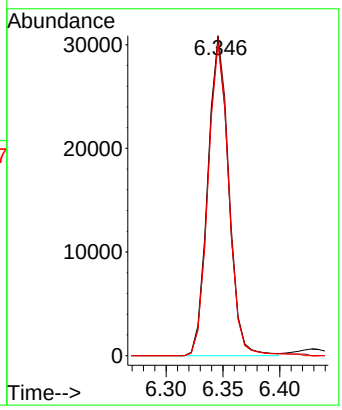


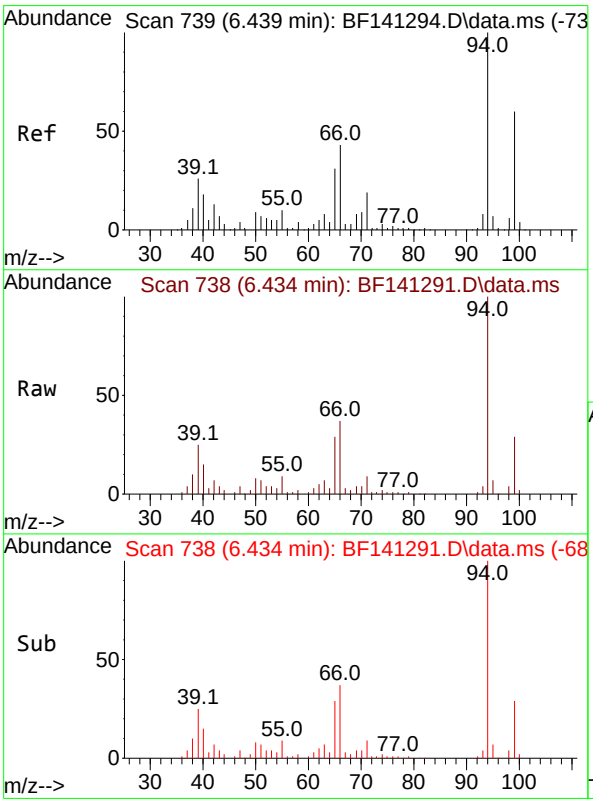
#9
Benzaldehyde
Concen: 6.090 ng
RT: 6.346 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 39117

Ion	Ratio	Lower	Upper
77	100		
105	100.9	79.4	119.4
106	98.1	74.6	114.6

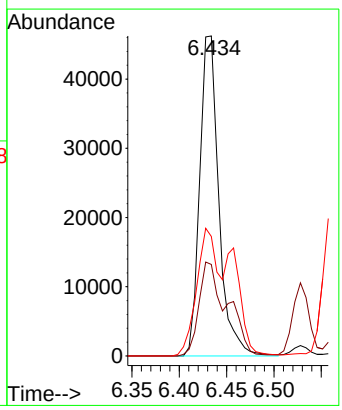


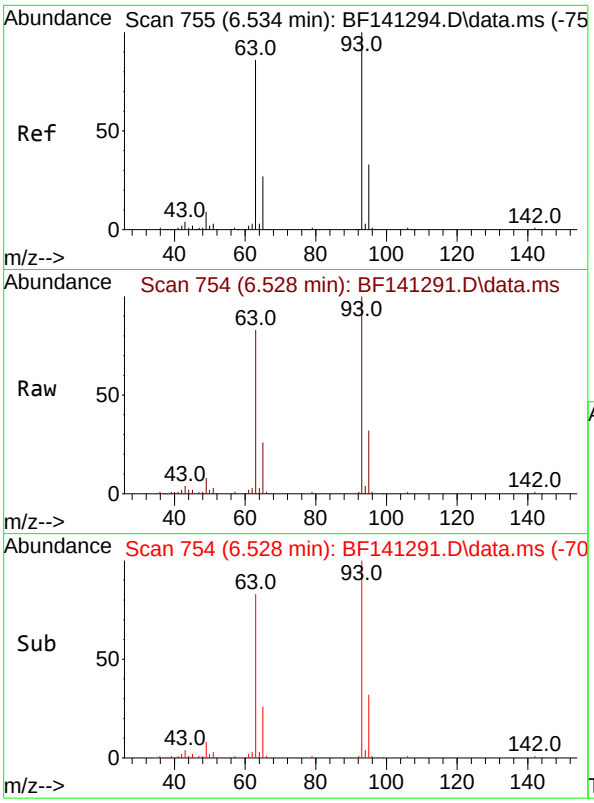


#10
Phenol
Concen: 5.558 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 94 Resp: 65035

Ion	Ratio	Lower	Upper
94	100		
65	28.6	10.8	50.8
66	37.4	23.3	63.3



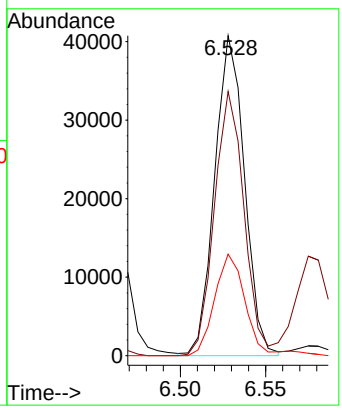


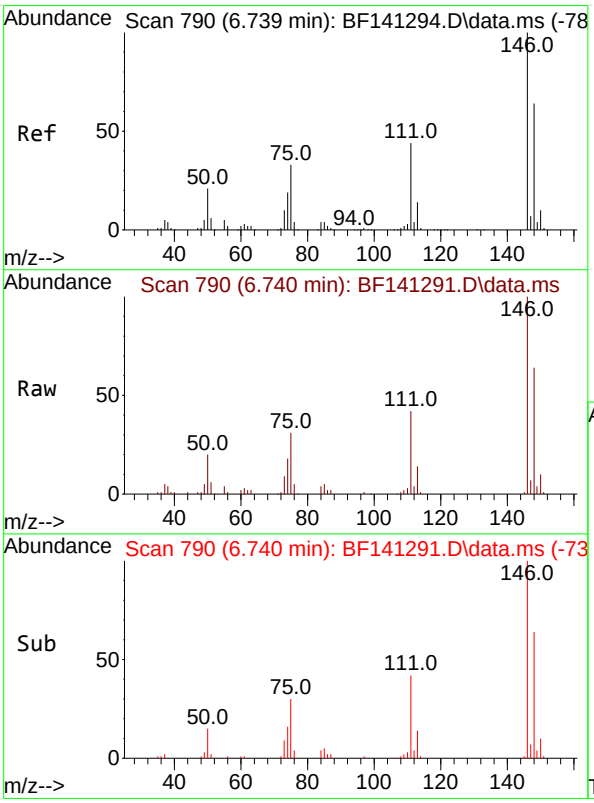
#11
bis(2-Chloroethyl)ether
Concen: 5.510 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 49579

Ion	Ratio	Lower	Upper
93	100		
63	82.6	65.0	105.0
95	31.7	12.4	52.4

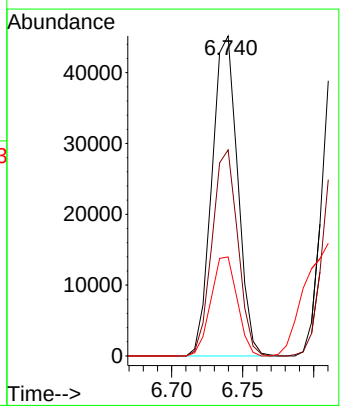


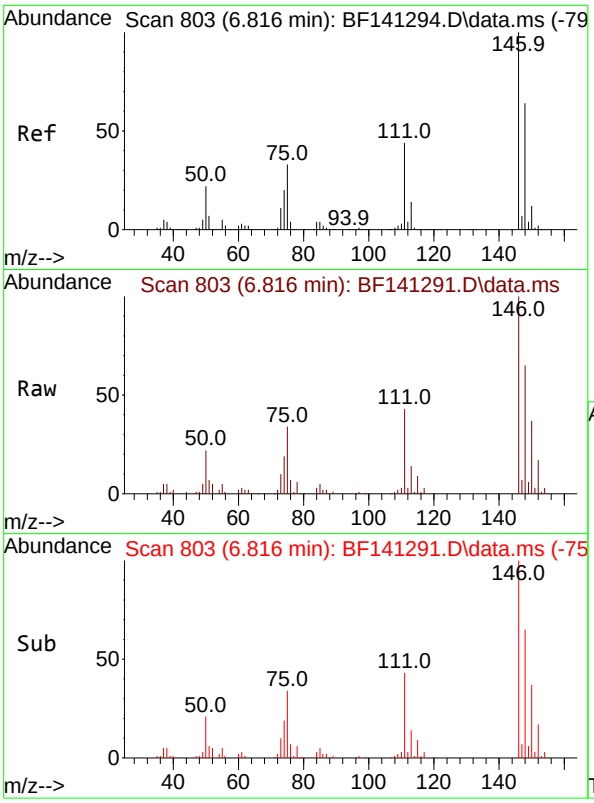


#12
1,3-Dichlorobenzene
Concen: 5.539 ng
RT: 6.740 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:146 Resp: 56929

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	30.9	26.2	39.4



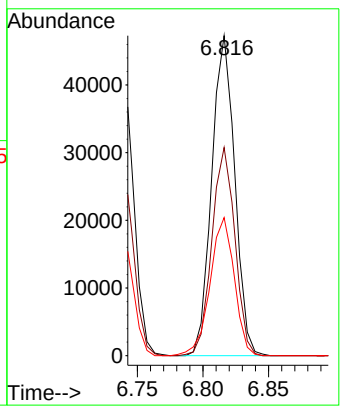


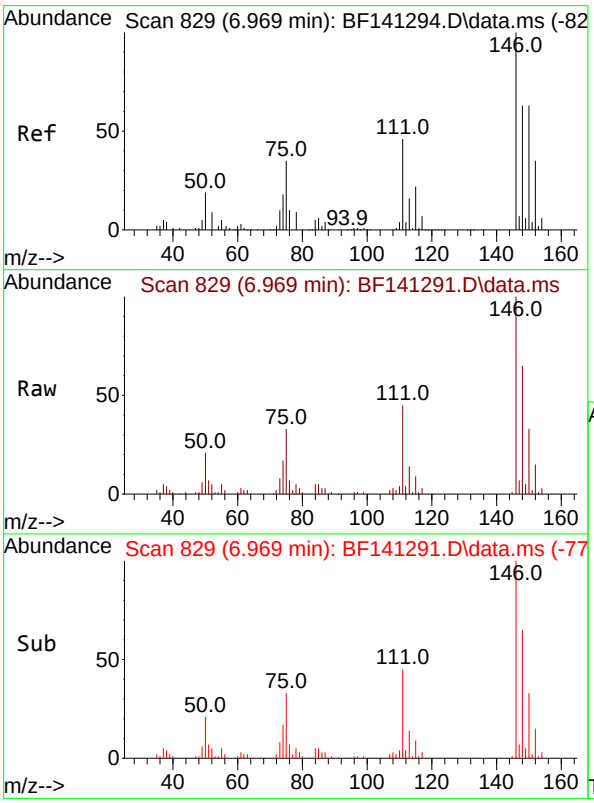
#13
1,4-Dichlorobenzene
Concen: 5.573 ng
RT: 6.816 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:146 Resp: 57684

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
111	43.2	35.0	52.4

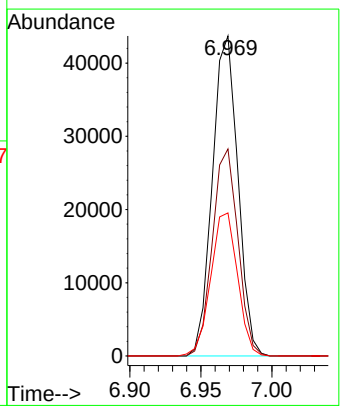


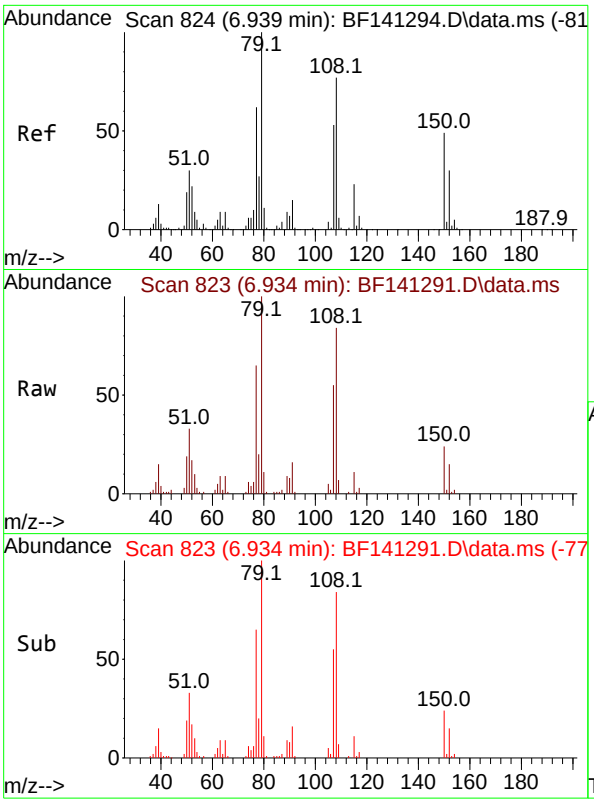


#14
1,2-Dichlorobenzene
Concen: 5.650 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:146 Resp: 54653

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	44.7	36.6	55.0



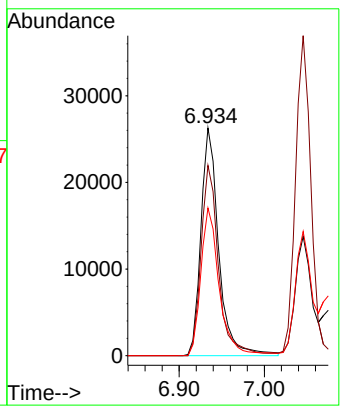


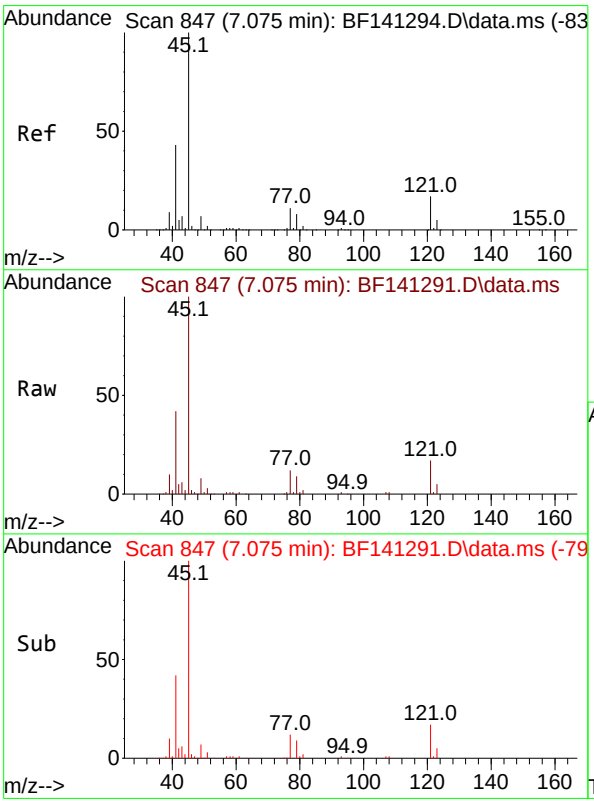
#15
Benzyl Alcohol
Concen: 5.053 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 79 Resp: 38176

Ion	Ratio	Lower	Upper
79	100		
108	83.6	61.4	92.0
77	64.8	49.9	74.9

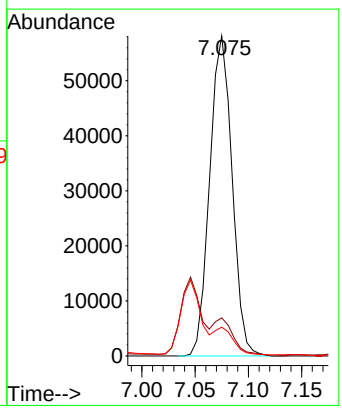


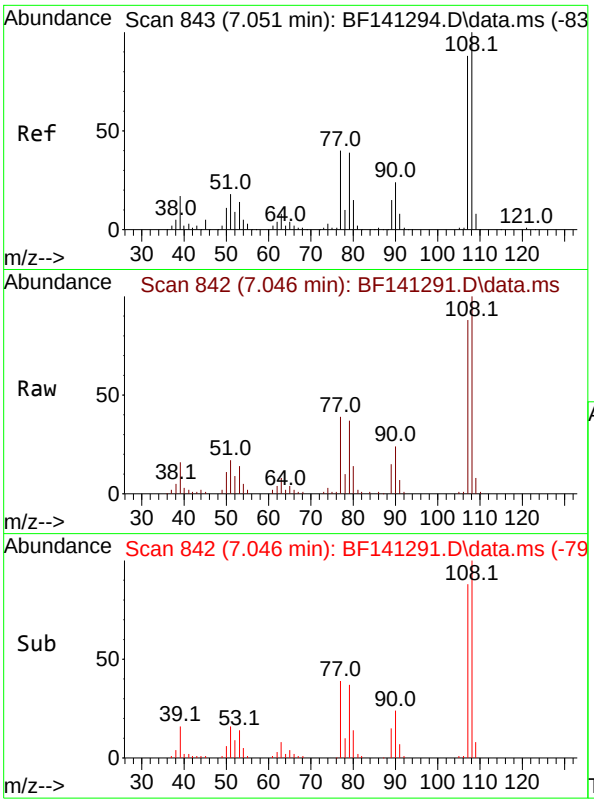


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.436 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 45 Resp: 84988

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	9.0	0.0	29.1



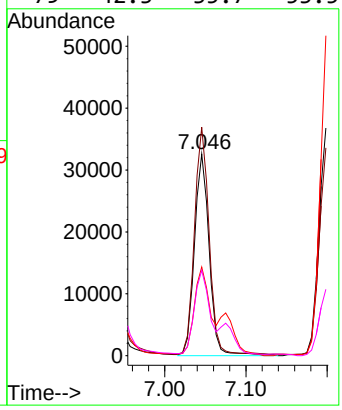


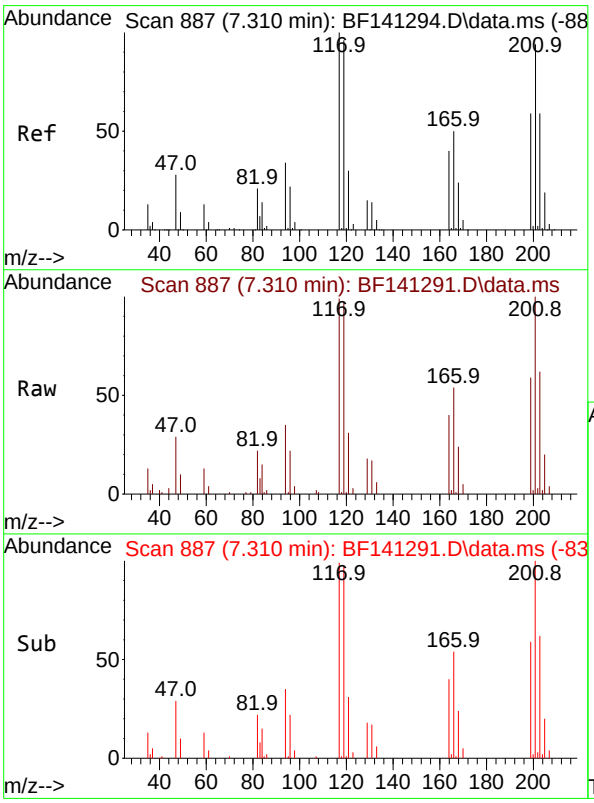
#17
2-Methylphenol
Concen: 5.500 ng
RT: 7.046 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:107 Resp: 41498

Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.8	136.2
77	44.0	36.2	54.4
79	42.3	35.7	53.5

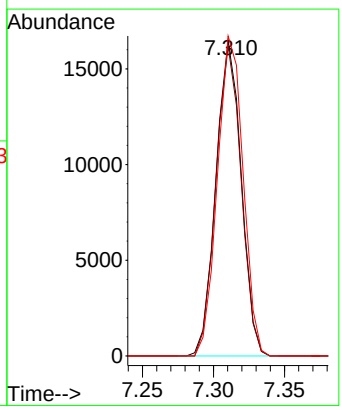


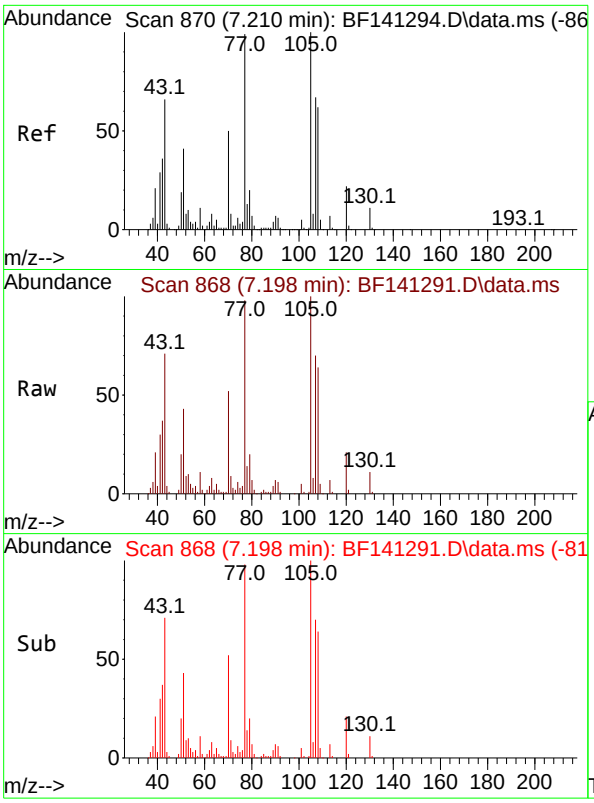


#18
Hexachloroethane
Concen: 5.332 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:117 Resp: 20418

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.6	114.8
201	101.4	74.8	112.2



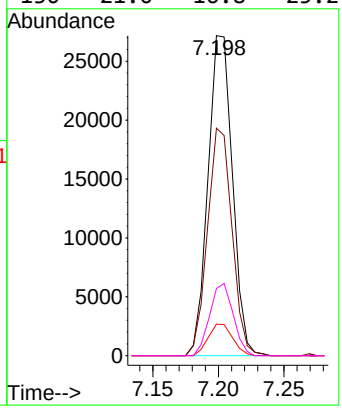


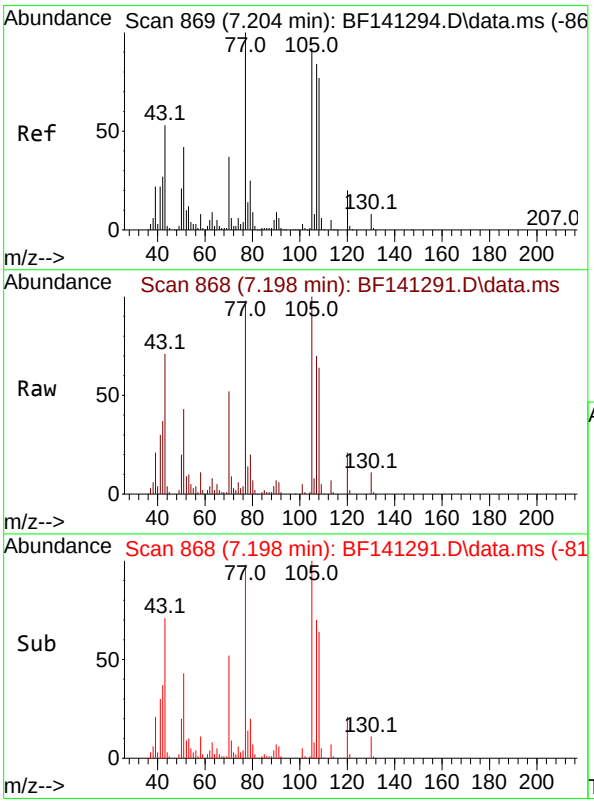
#19
n-Nitroso-di-n-propylamine
Concen: 5.363 ng
RT: 7.198 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 70 Resp: 35278

Ion	Ratio	Lower	Upper
70	100		
42	71.1	56.8	85.2
101	9.9	7.7	11.5
130	21.0	16.8	25.2

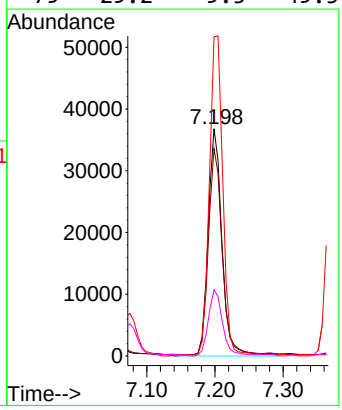


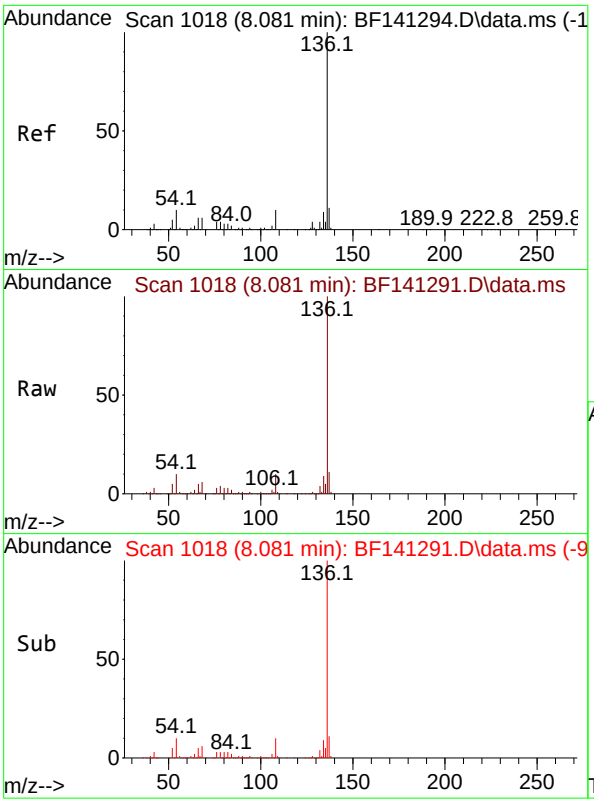


#20
3+4-Methylphenols
Concen: 5.645 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:107 Resp: 52364

Ion	Ratio	Lower	Upper
107	100		
108	91.3	70.9	110.9
77	140.5	98.5	138.5#
79	29.2	9.5	49.5



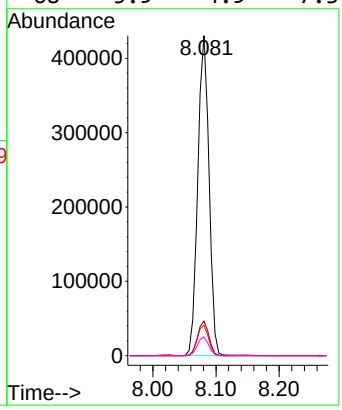


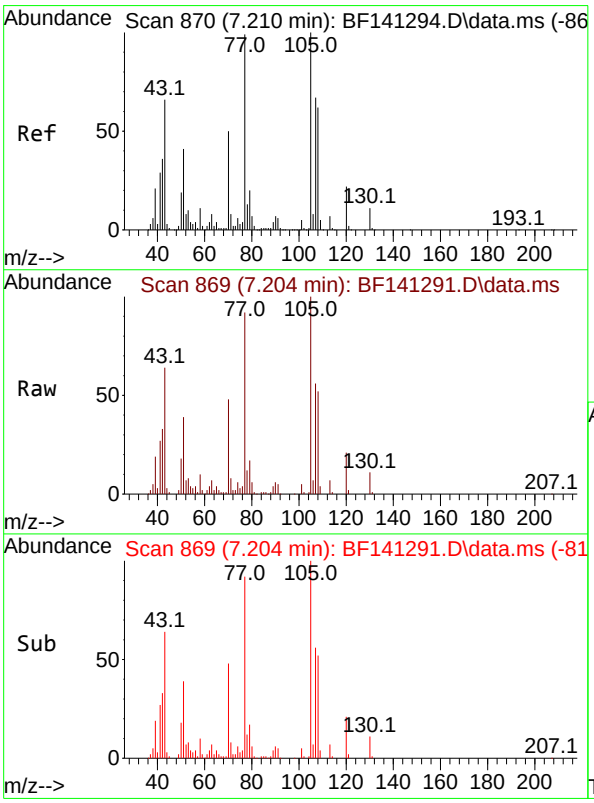
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 531551

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3

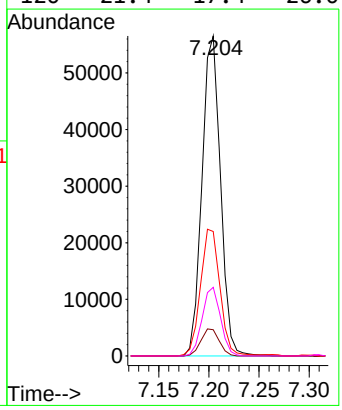


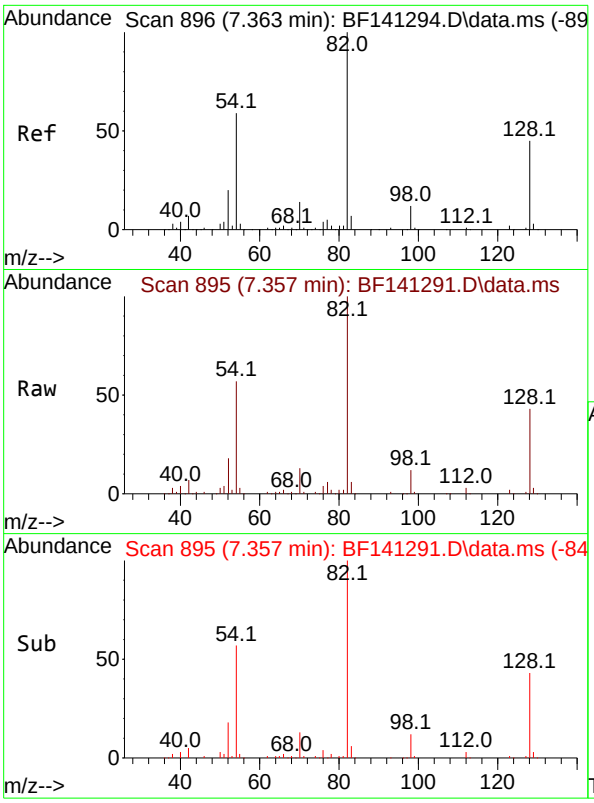


#22
Acetophenone
Concen: 5.774 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:105 Resp: 72756

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.8	10.2
51	38.9	32.6	49.0
120	21.4	17.4	26.0



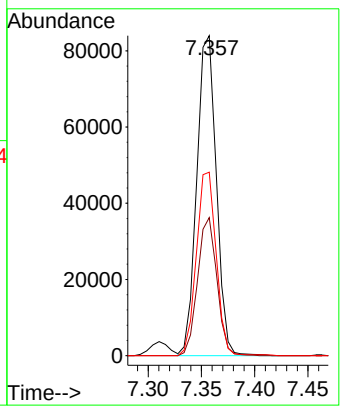


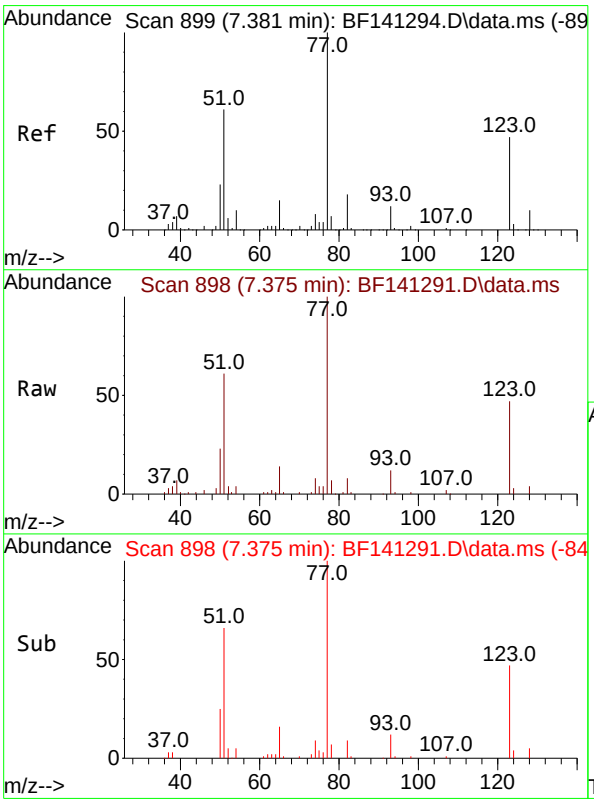
#23
Nitrobenzene-d5
Concen: 10.719 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 107680

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.7	53.5
54	57.4	47.1	70.7

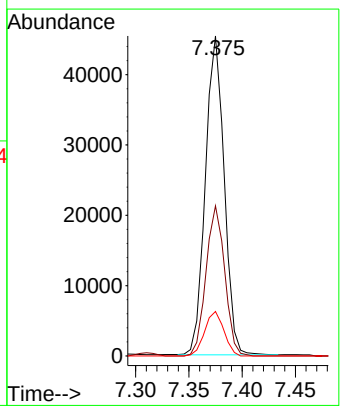


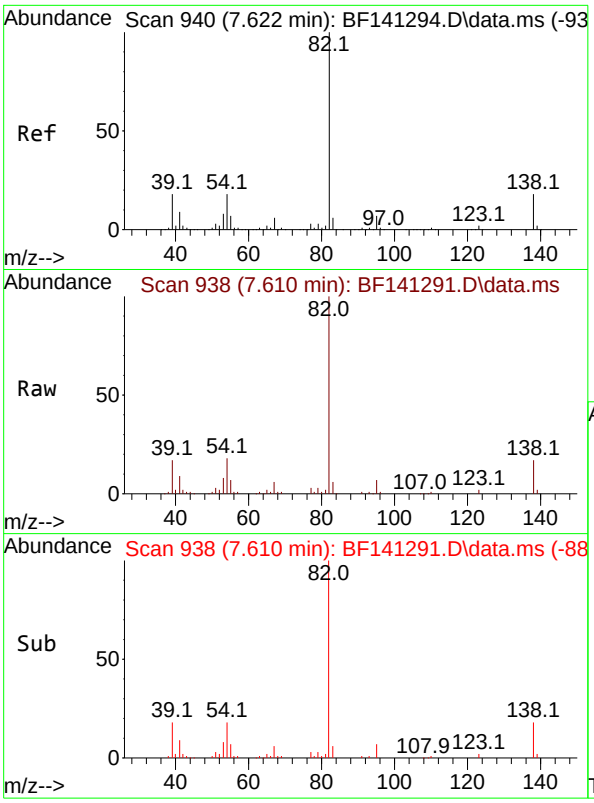


#24
Nitrobenzene
Concen: 5.337 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 77 Resp: 55610

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.3	55.9
65	13.9	11.8	17.6



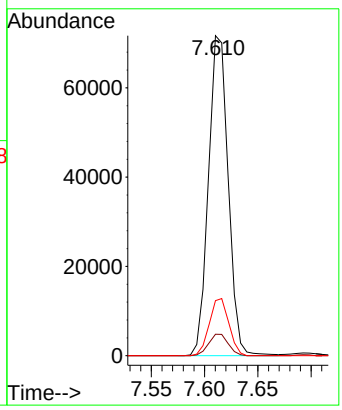


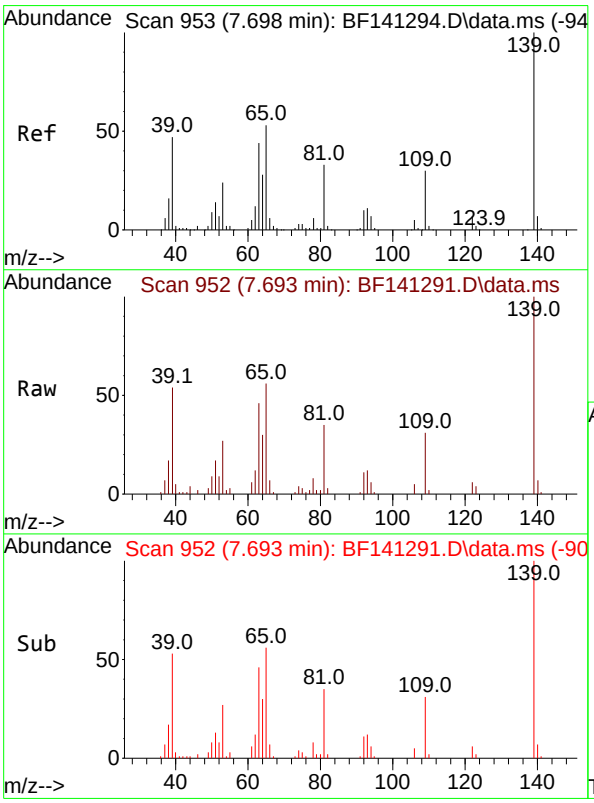
#25
Isophorone
Concen: 5.346 ng
RT: 7.610 min Scan# 9
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 92818

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.8	8.6
138	17.2	14.7	22.1

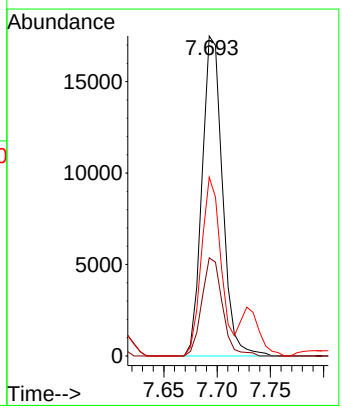


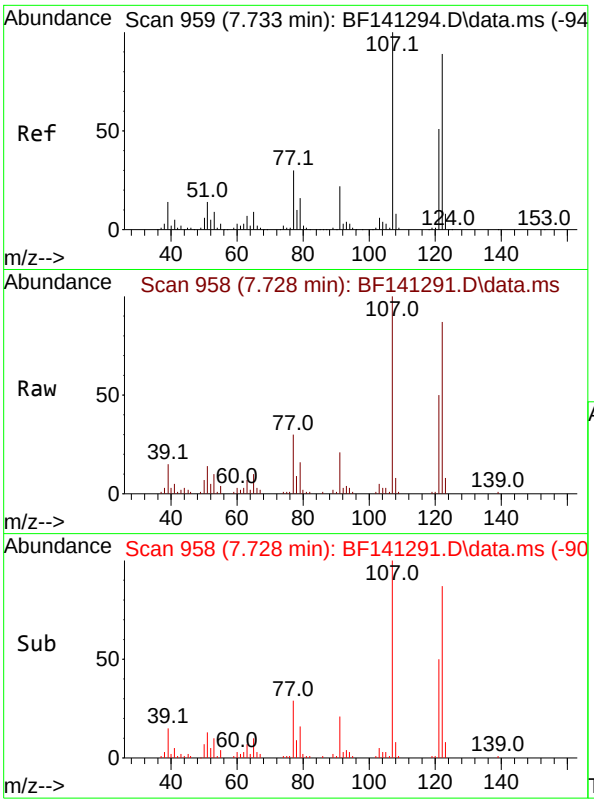


#26
2-Nitrophenol
Concen: 4.789 ng
RT: 7.693 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:139 Resp: 23372

Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.8	35.6
65	55.8	42.2	63.4



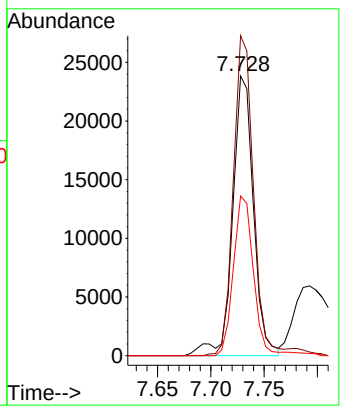


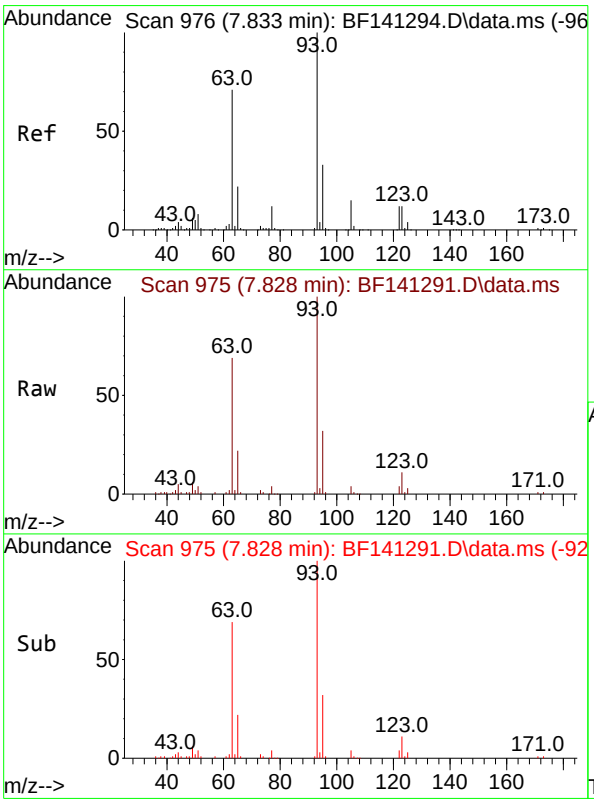
#27
2,4-Dimethylphenol
Concen: 5.205 ng
RT: 7.728 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:122 Resp: 32462

Ion	Ratio	Lower	Upper
122	100		
107	114.4	89.9	134.9
121	57.1	46.1	69.1

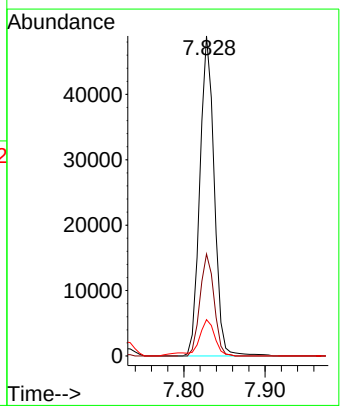


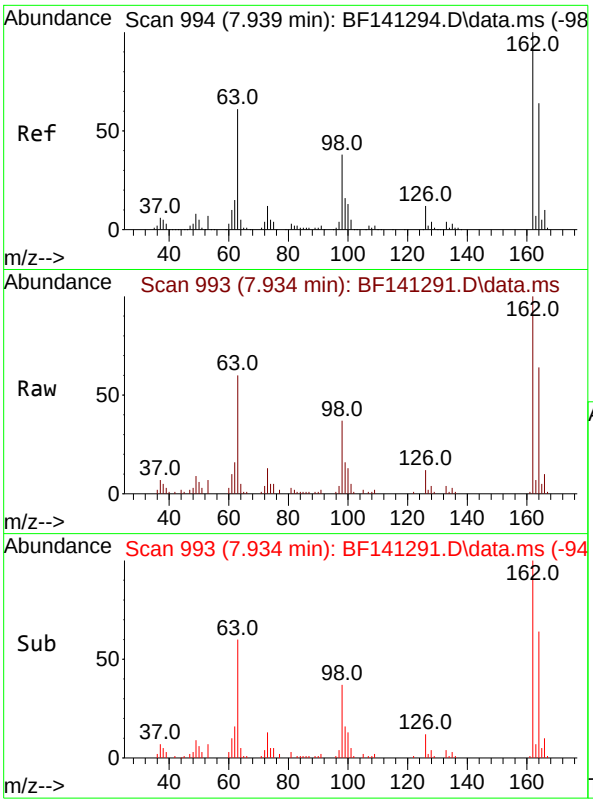


#28
bis(2-Chloroethoxy)methane
Concen: 5.449 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 93 Resp: 60286

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	11.3	10.2	15.4



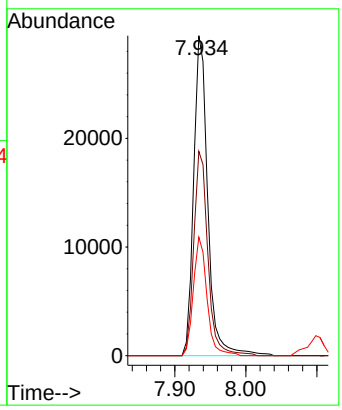


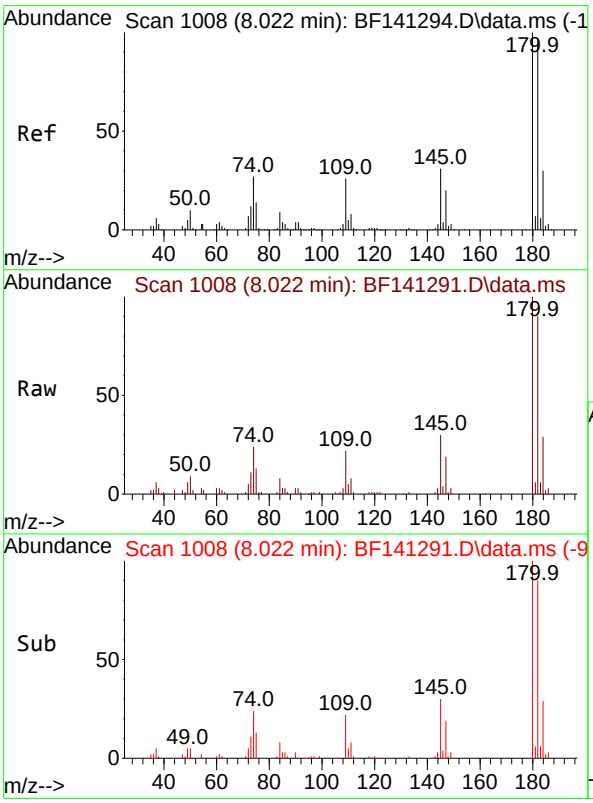
#29
2,4-Dichlorophenol
Concen: 5.360 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 40847

Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.2	84.2
98	37.0	18.2	58.2

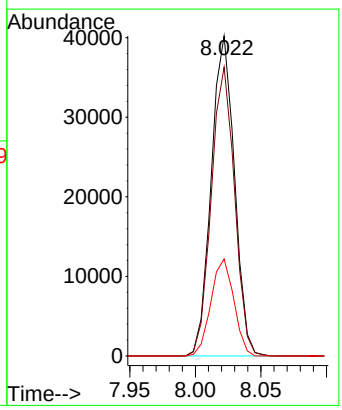


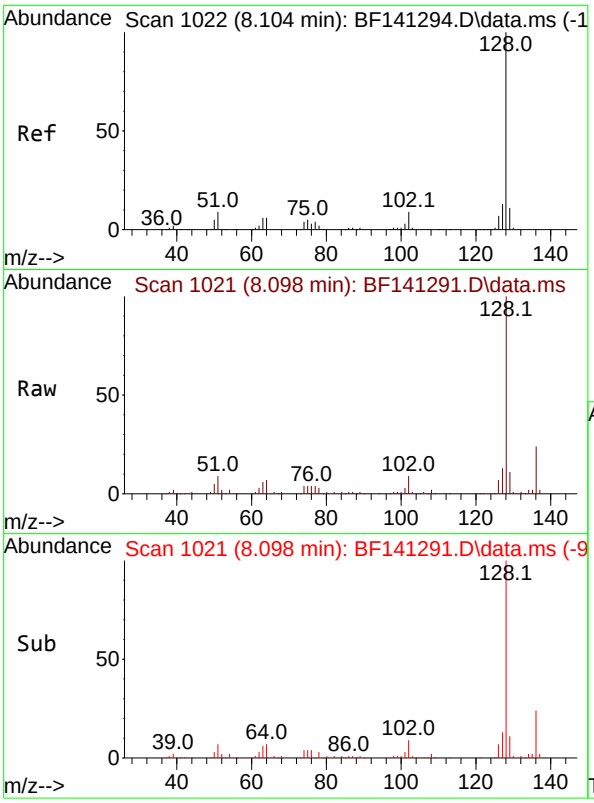


#30
1,2,4-Trichlorobenzene
Concen: 5.661 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:180 Resp: 49479

Ion	Ratio	Lower	Upper
180	100		
182	90.2	76.4	114.6
145	30.3	24.9	37.3



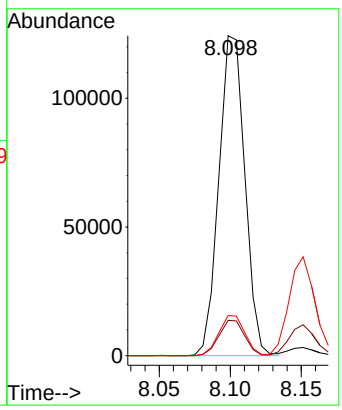


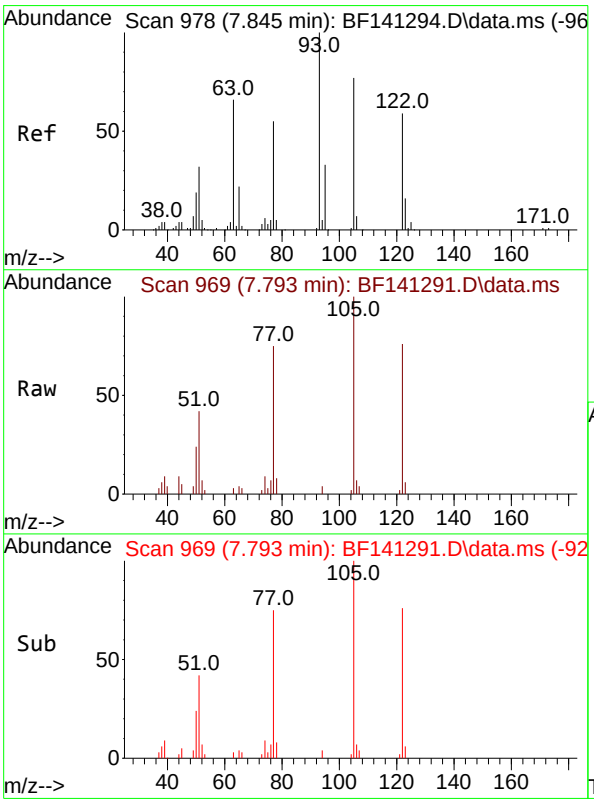
#31
Naphthalene
Concen: 5.672 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 158560

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.6	15.8

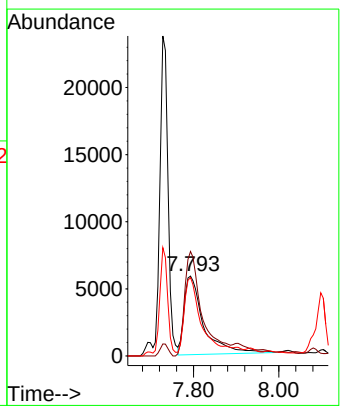


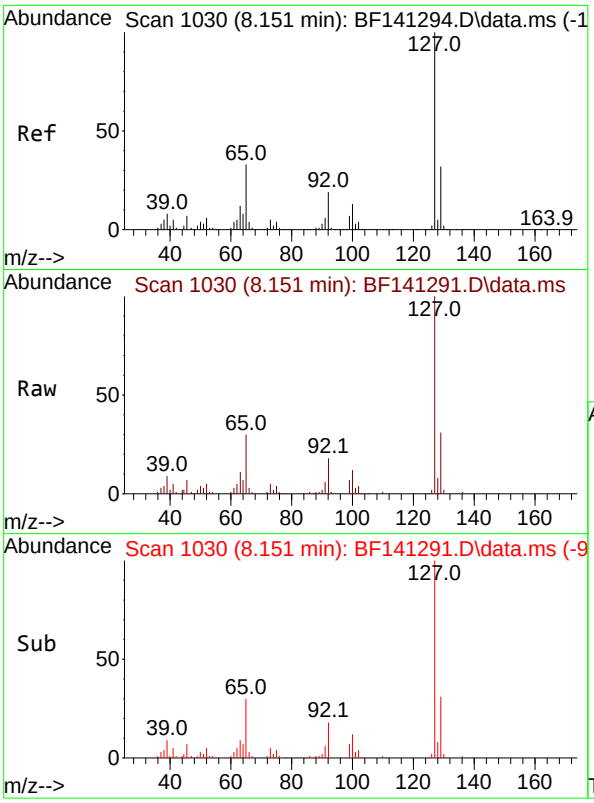


#32
Benzoic acid
Concen: 3.281 ng
RT: 7.793 min Scan# 969
Delta R.T. -0.053 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:122 Resp: 18585

Ion	Ratio	Lower	Upper
122	100		
105	130.7	103.4	143.4
77	98.2	70.9	110.9



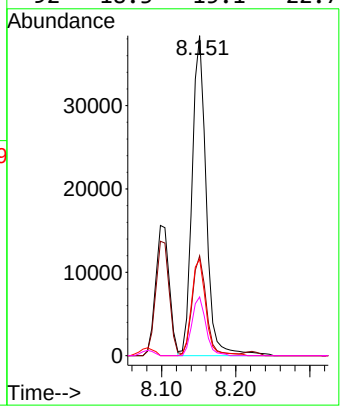


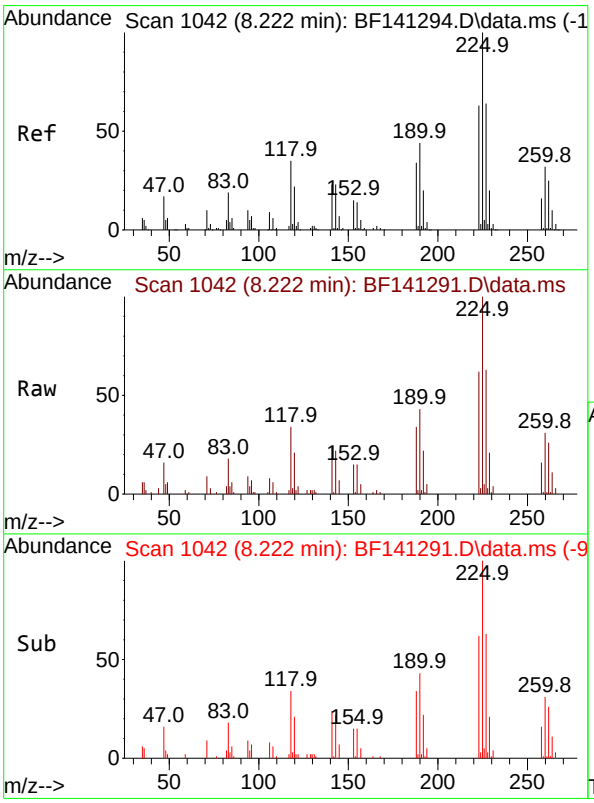
#33
4-Chloroaniline
Concen: 5.405 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:127 Resp: 50760

Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.7	38.5
65	30.1	26.4	39.6
92	18.3	15.1	22.7

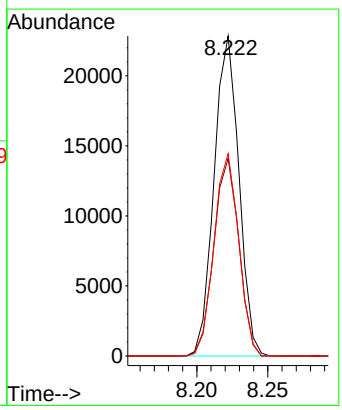


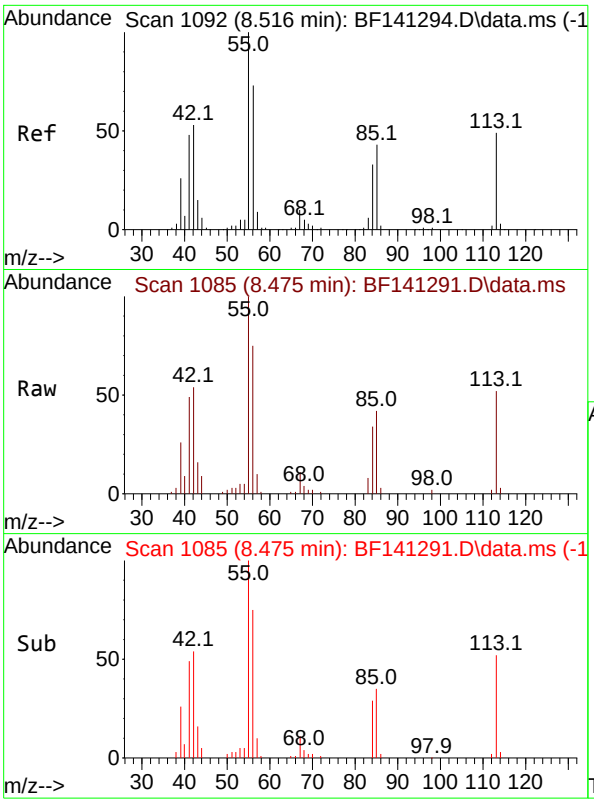


#34
Hexachlorobutadiene
Concen: 5.419 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:225 Resp: 27720

Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.4	75.6
227	63.2	51.3	76.9



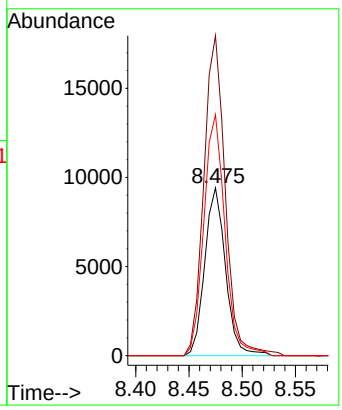


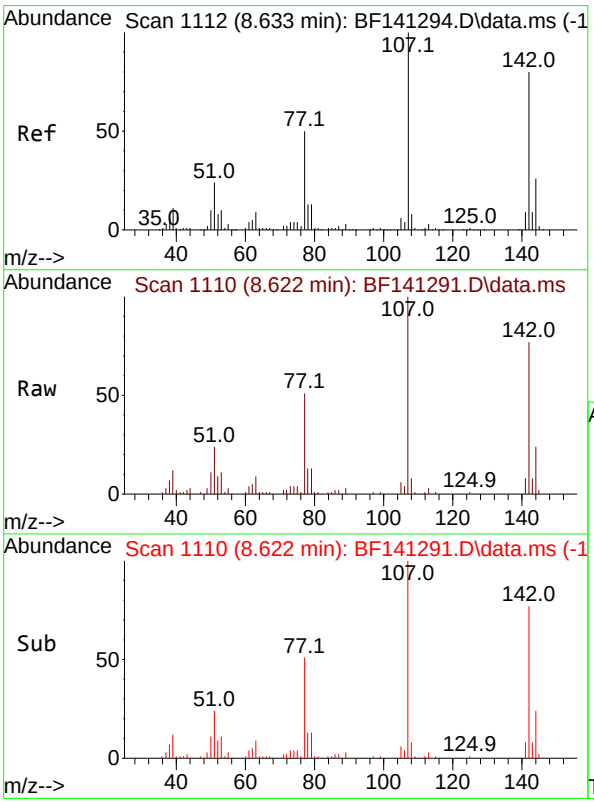
#35
Caprolactam
Concen: 5.204 ng
RT: 8.475 min Scan# 1
Delta R.T. -0.041 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:113 Resp: 12827

Ion	Ratio	Lower	Upper
113	100		
55	190.7	182.9	222.9
56	143.6	127.9	167.9

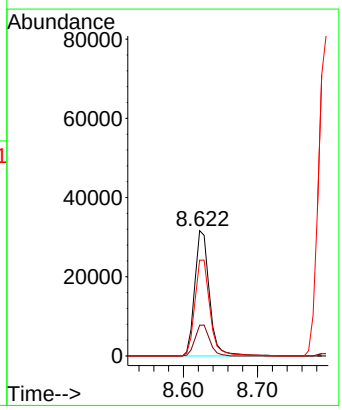


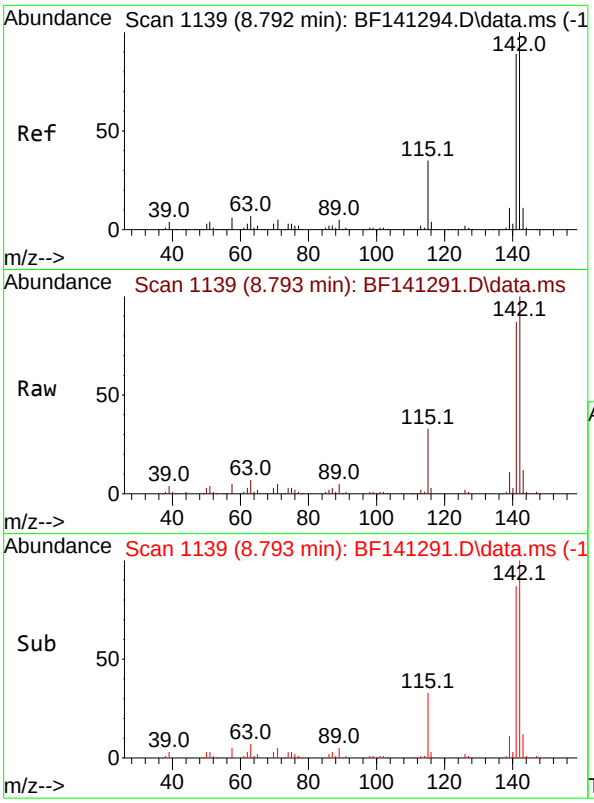


#36
4-Chloro-3-methylphenol
Concen: 5.334 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:107 Resp: 43627

Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.7	31.1
142	76.6	63.8	95.8



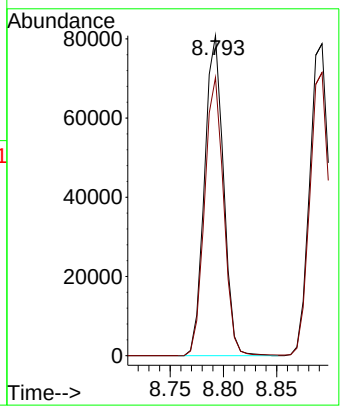


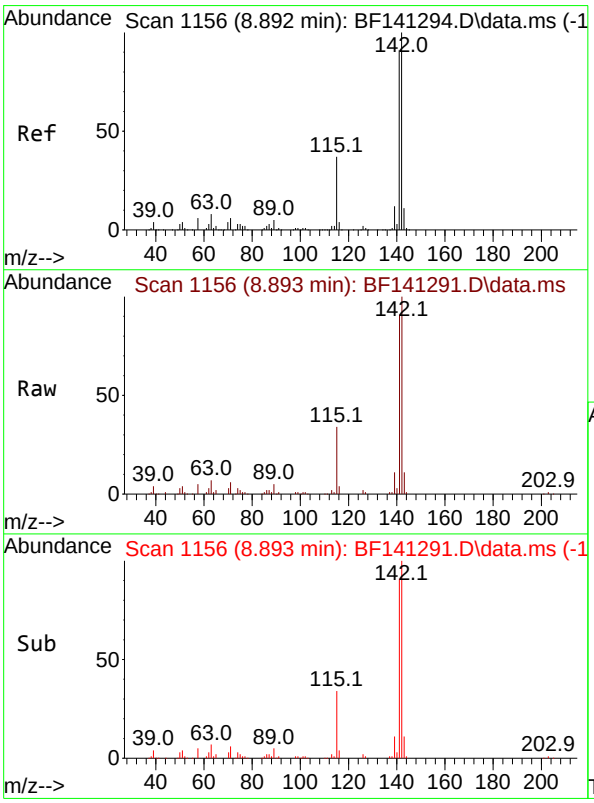
#37
2-Methylnaphthalene
Concen: 5.634 ng
RT: 8.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 100305

Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.3	106.9

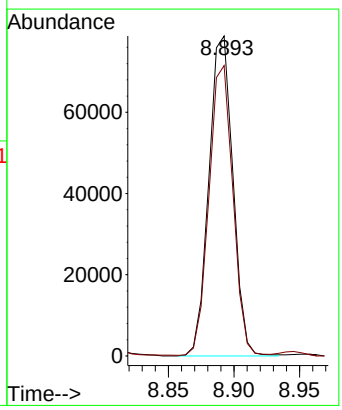


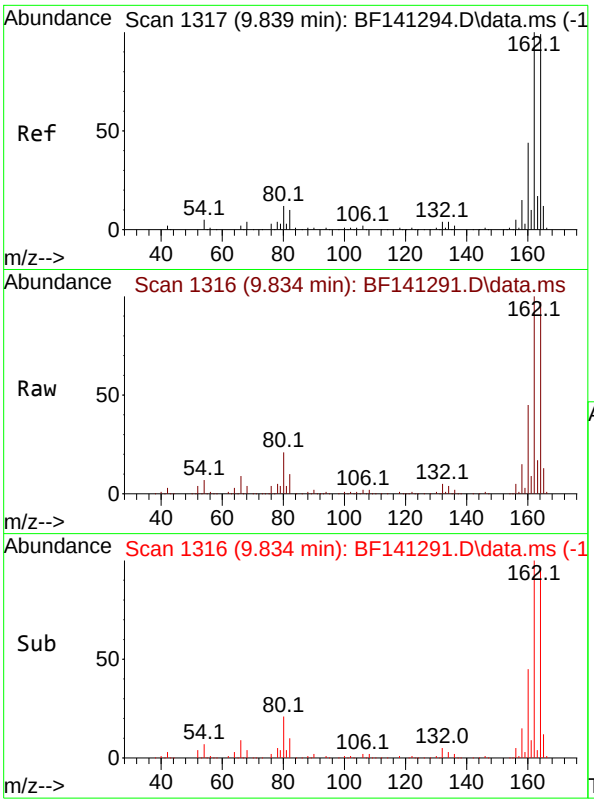


#38
1-Methylnaphthalene
Concen: 5.767 ng
RT: 8.893 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:142 Resp: 100569

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



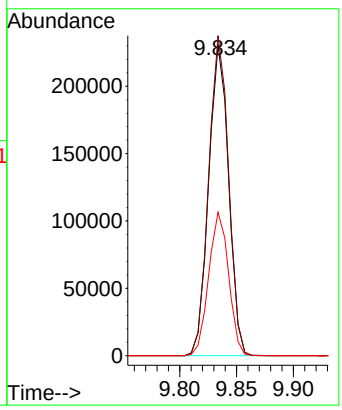


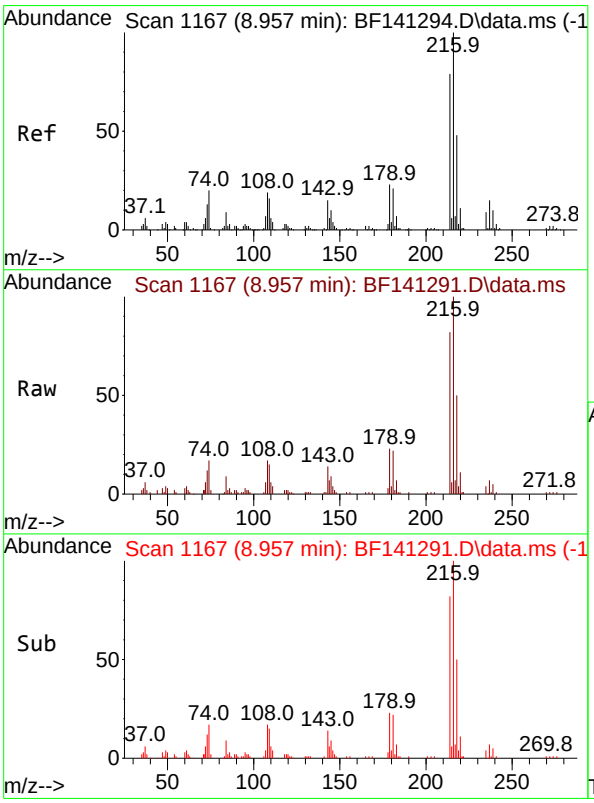
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:164 Resp: 281034

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	46.2	35.8	53.6

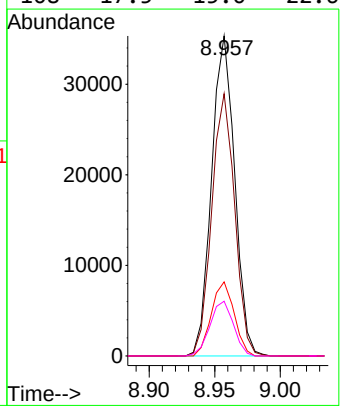


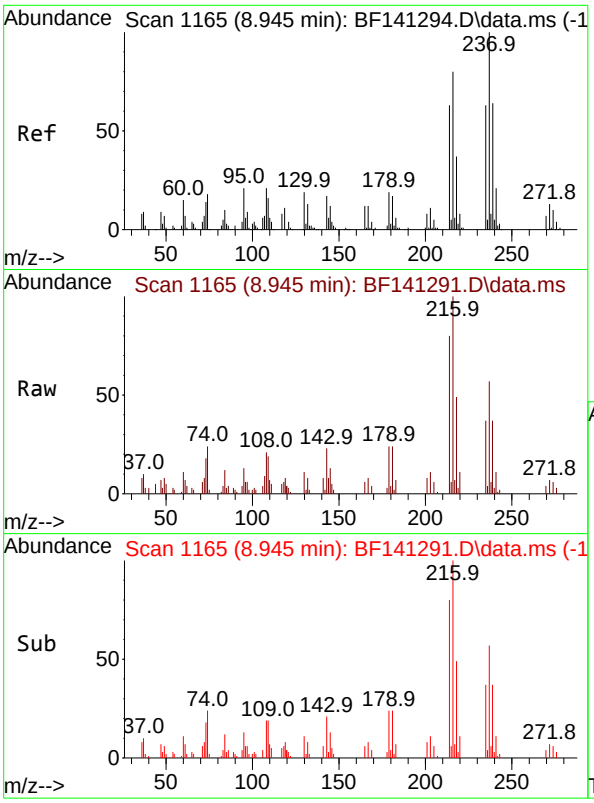


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.410 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:216 Resp: 43228

Ion	Ratio	Lower	Upper
216	100		
214	81.4	63.2	94.8
179	22.9	17.8	26.8
108	17.5	15.0	22.6



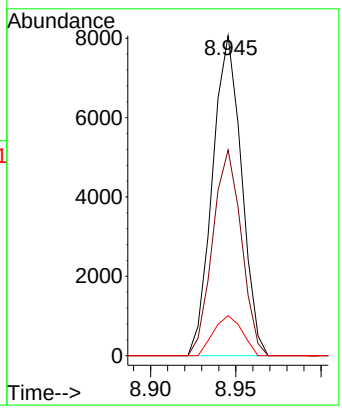


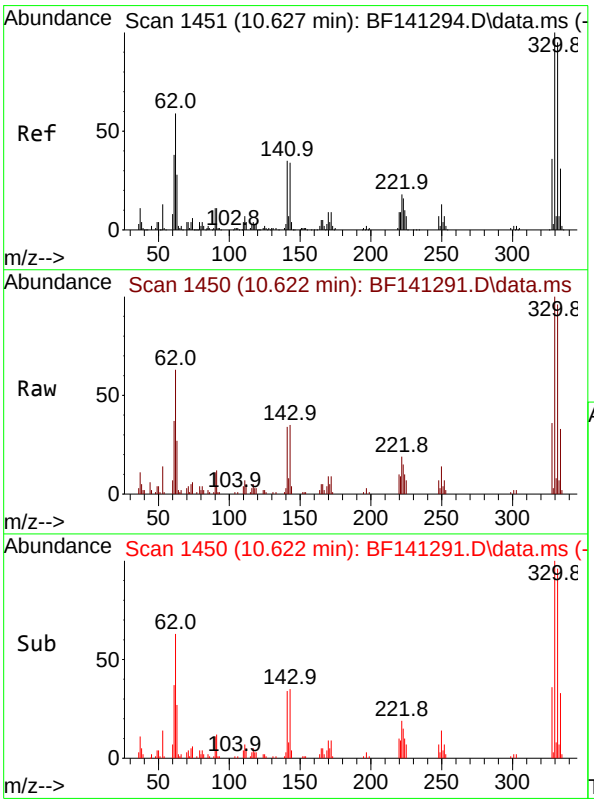
#41
Hexachlorocyclopentadiene
Concen: 3.985 ng
RT: 8.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:237 Resp: 9555

Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.9	82.9
272	12.5	0.0	32.8

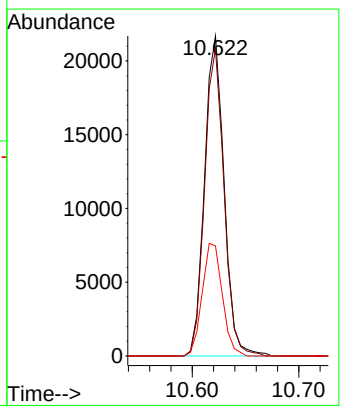


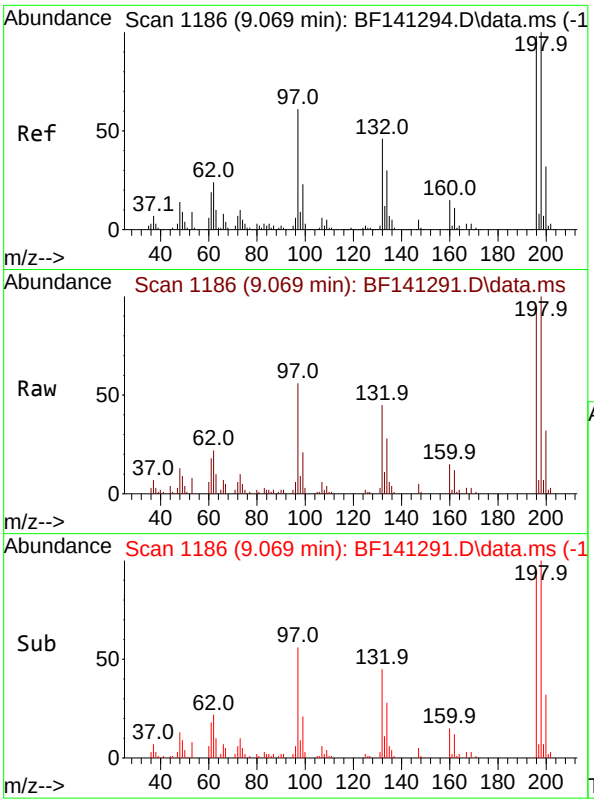


#42
2,4,6-Tribromophenol
Concen: 10.855 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:330 Resp: 27799

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.1	114.1
141	36.2	28.8	43.2



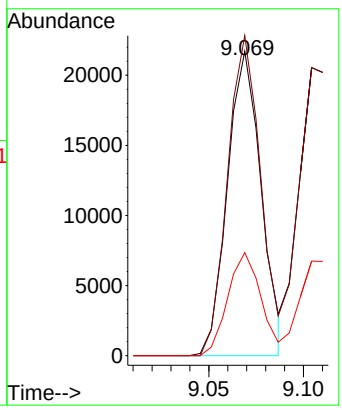


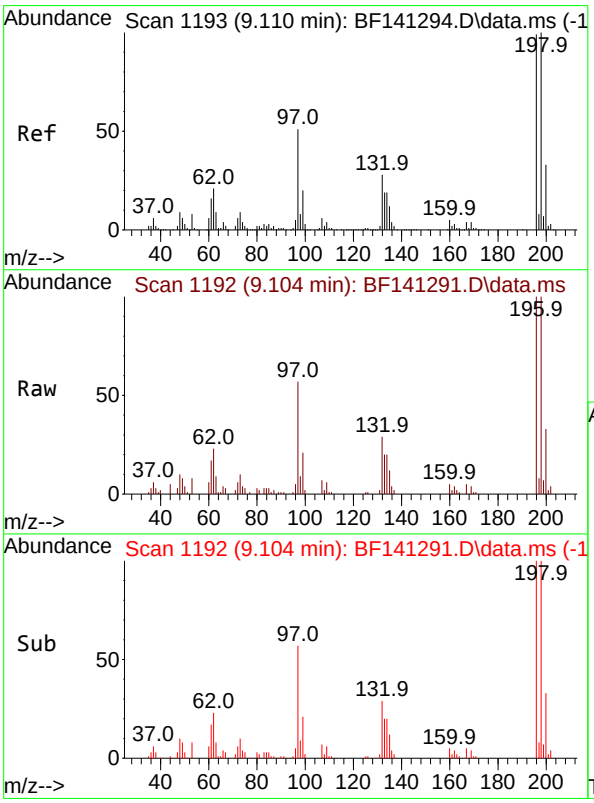
#43
2,4,6-Trichlorophenol
Concen: 5.136 ng
RT: 9.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:196 Resp: 26790

Ion	Ratio	Lower	Upper
196	100		
198	105.1	81.8	122.6
200	33.8	26.3	39.5

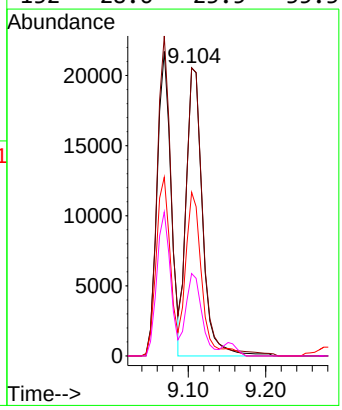


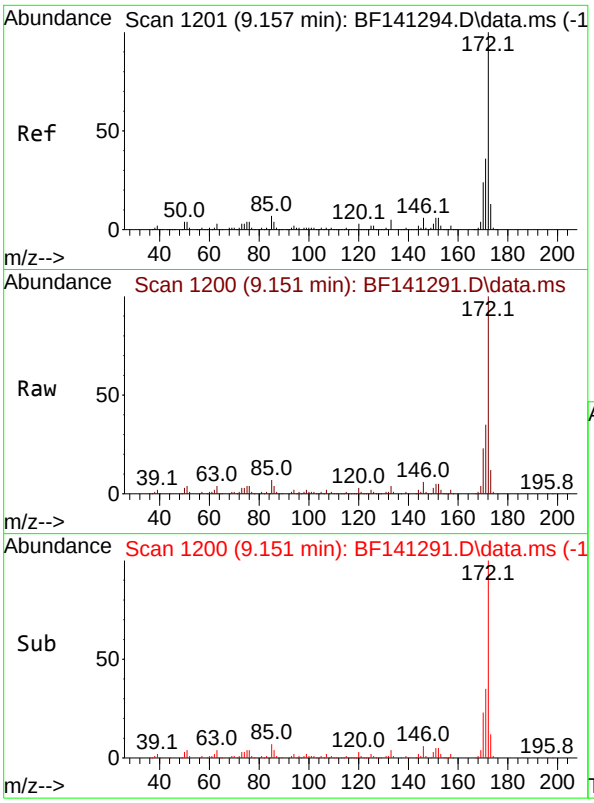


#44
2,4,5-Trichlorophenol
Concen: 5.309 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:196 Resp: 30127

Ion	Ratio	Lower	Upper
196	100		
198	100.0	80.5	120.7
97	56.8	42.8	64.2
132	28.6	23.5	35.3



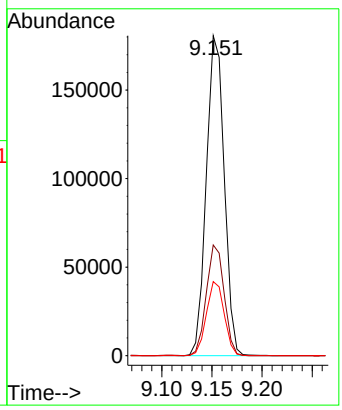


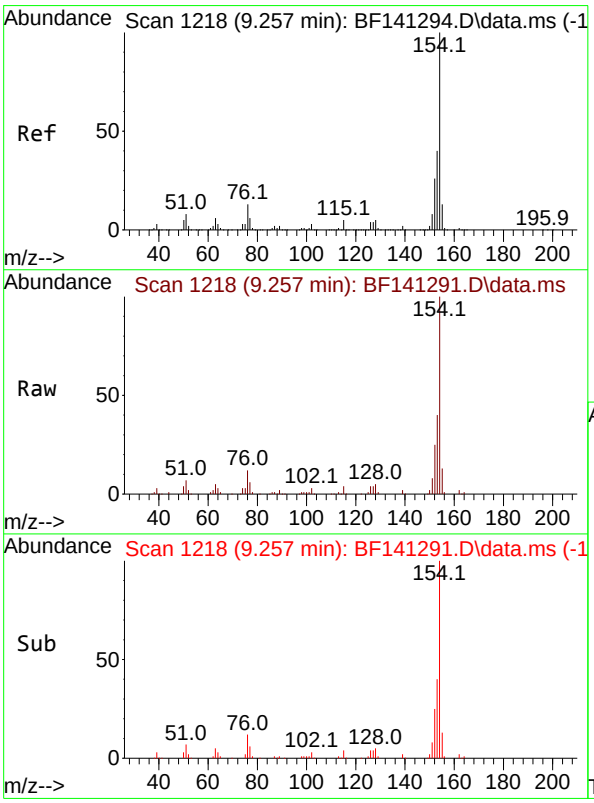
#45
2-Fluorobiphenyl
Concen: 12.320 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:172 Resp: 224446

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	23.1	19.0	28.6

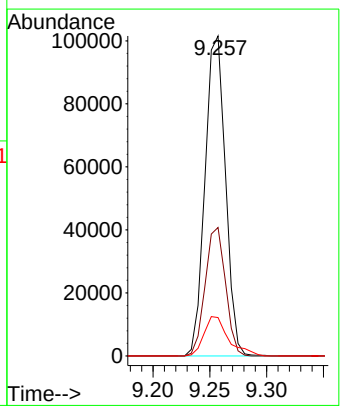


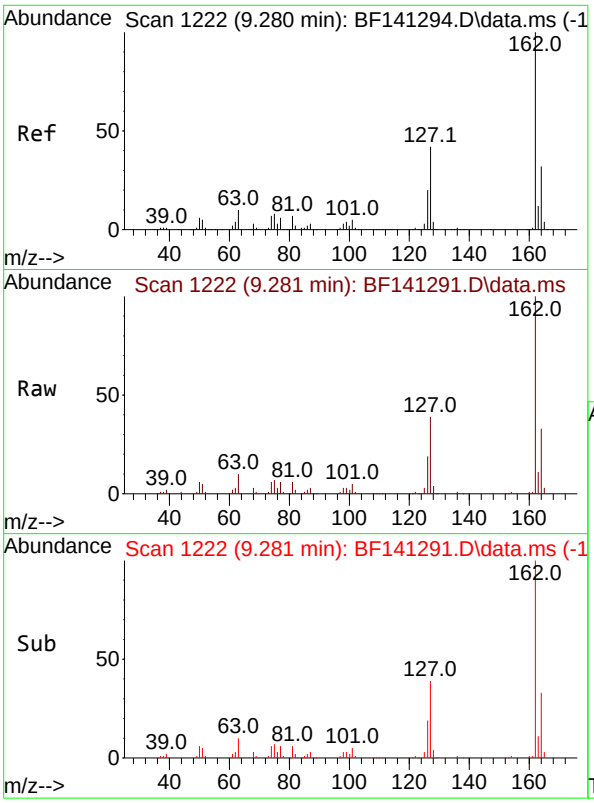


#46
1,1'-Biphenyl
Concen: 5.801 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:154 Resp: 127187

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	12.0	0.0	32.8



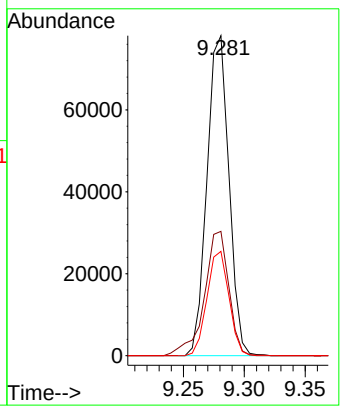


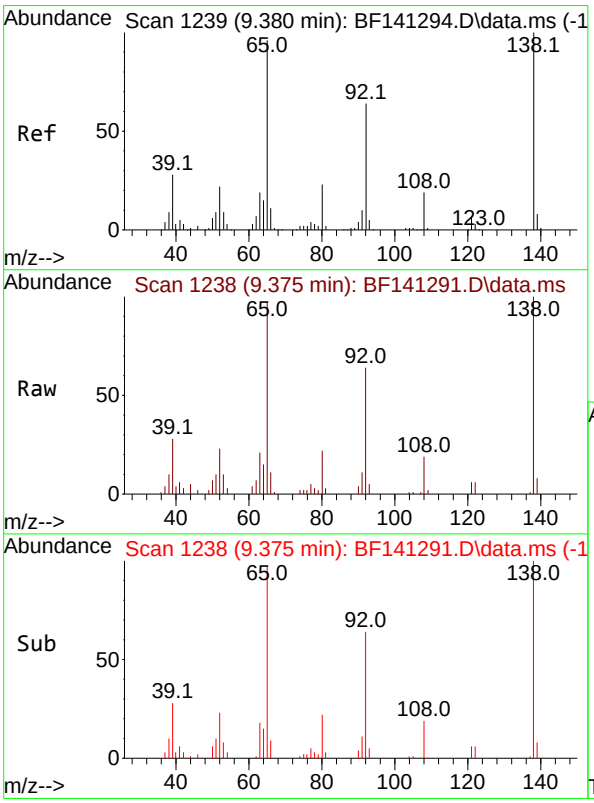
#47
2-Chloronaphthalene
Concen: 5.760 ng
RT: 9.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:162 Resp: 98081

Ion	Ratio	Lower	Upper
162	100		
127	38.8	33.7	50.5
164	32.6	25.9	38.9

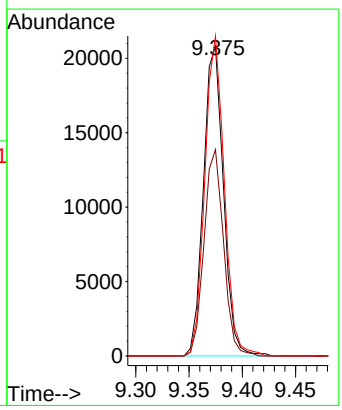


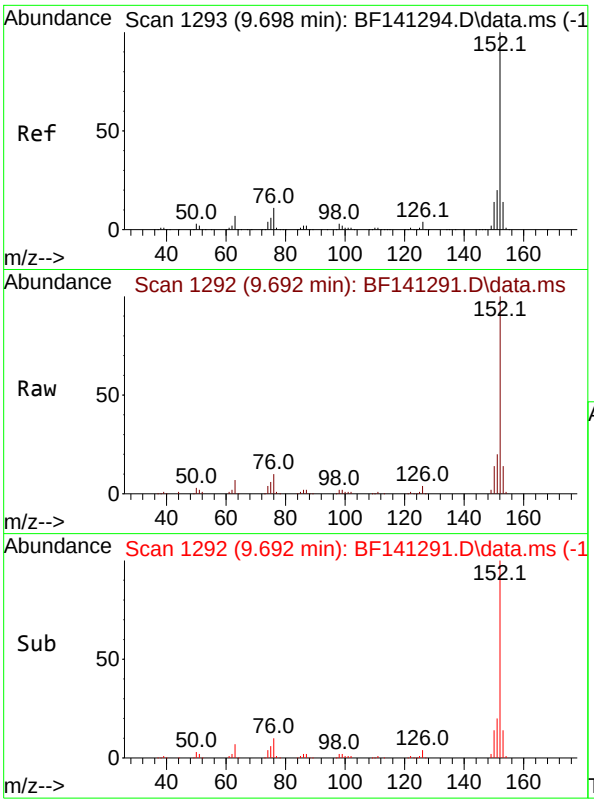


#48
2-Nitroaniline
Concen: 5.056 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 65 Resp: 27154

Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.3	79.9
138	103.3	83.6	125.4



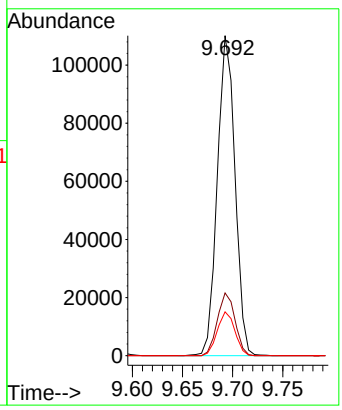


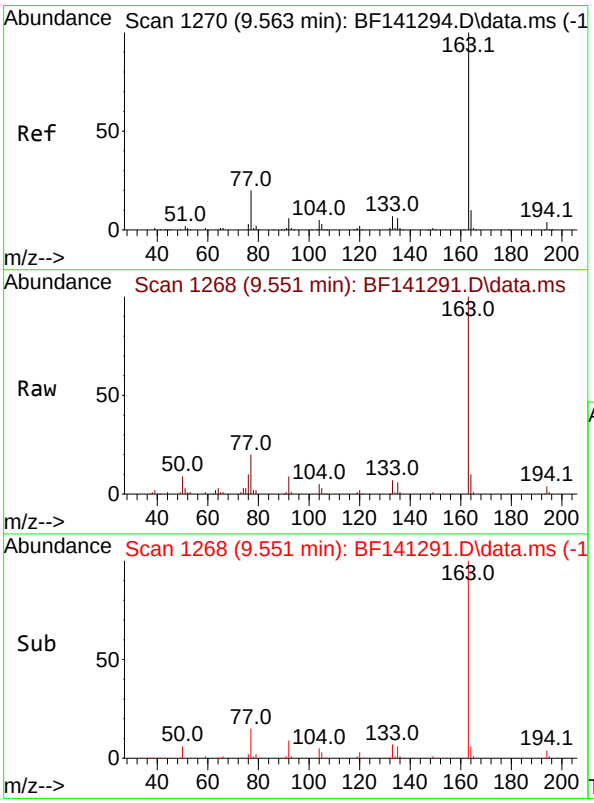
#49
Acenaphthylene
Concen: 5.643 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:152 Resp: 134958

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.7	11.0	16.6

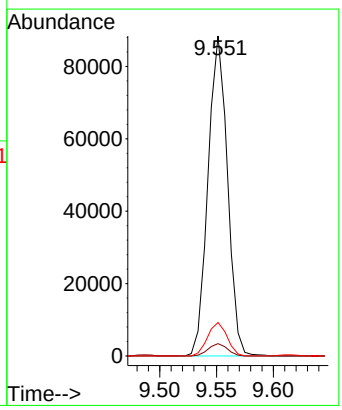


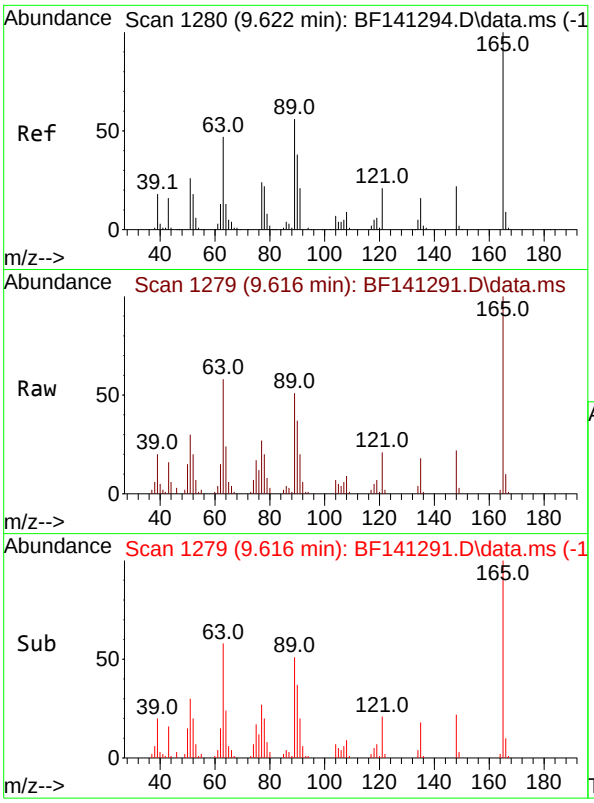


#50
Dimethylphthalate
Concen: 5.584 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:163 Resp: 105240

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	8.0	12.0



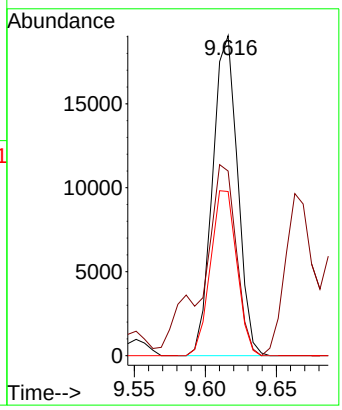


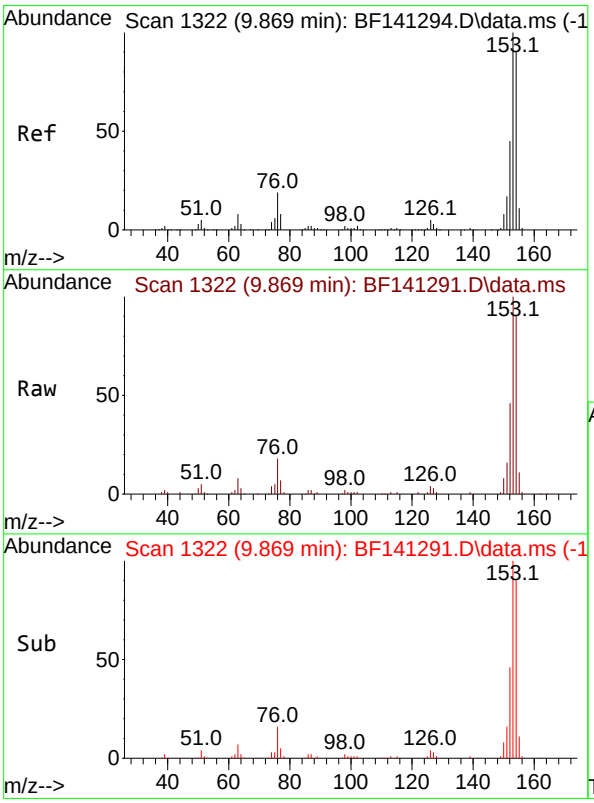
#51
2,6-Dinitrotoluene
Concen: 5.329 ng
RT: 9.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:165 Resp: 23372

Ion	Ratio	Lower	Upper
165	100		
63	57.7	48.1	72.1
89	51.3	44.9	67.3

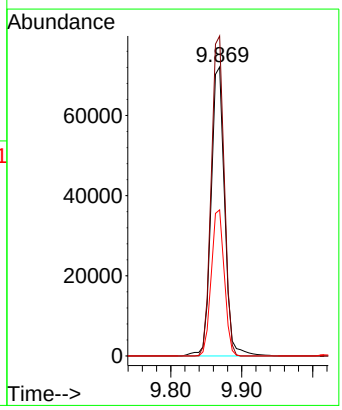


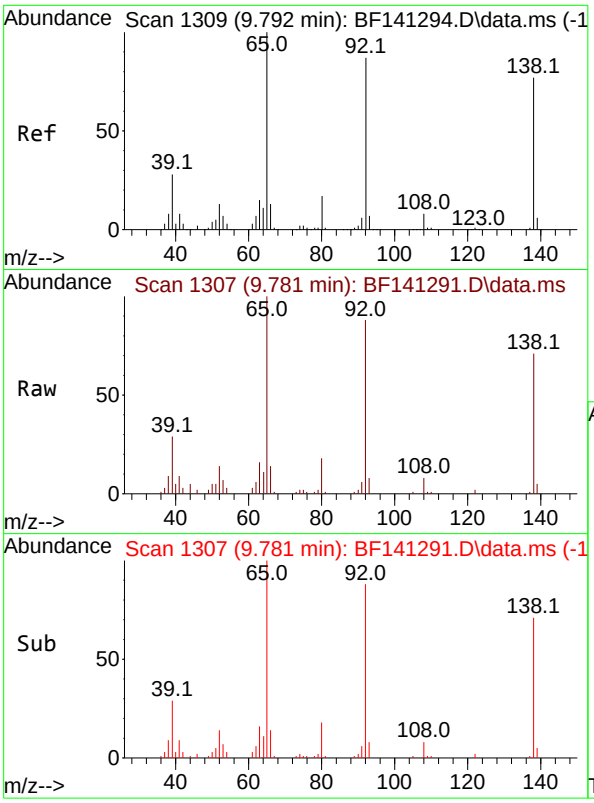


#52
Acenaphthene
Concen: 5.617 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:154 Resp: 95591

Ion	Ratio	Lower	Upper
154	100		
153	110.8	89.0	133.4
152	50.6	40.2	60.4



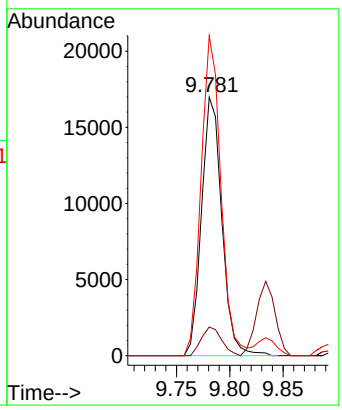


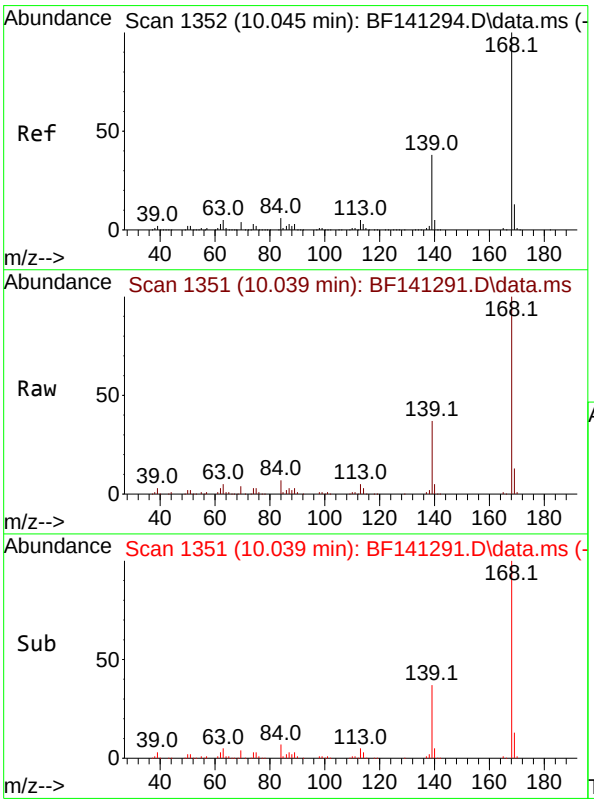
#53
3-Nitroaniline
Concen: 5.206 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 22582

Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.6	12.8
92	123.7	91.0	136.6

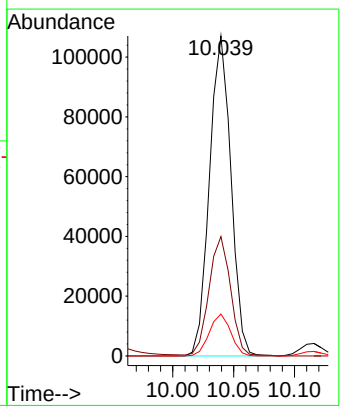


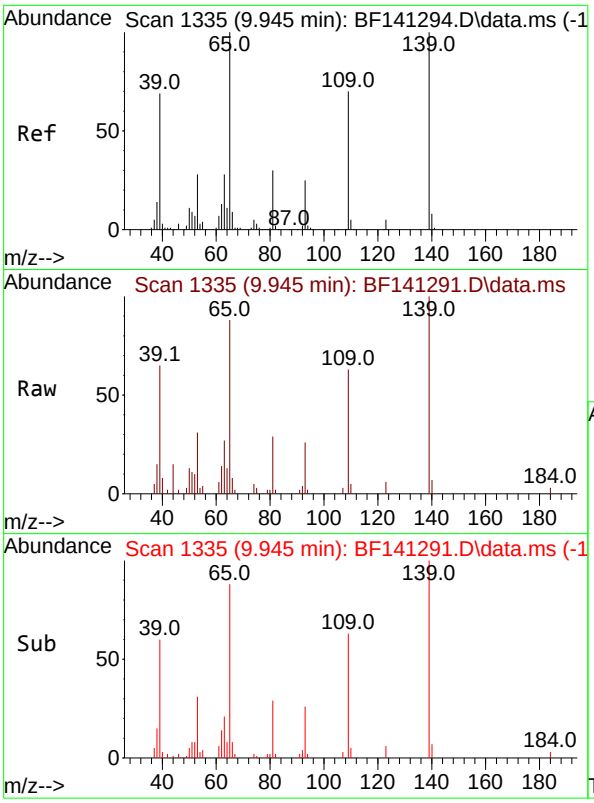


#55
Dibenzofuran
Concen: 5.769 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:168 Resp: 131288

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.6	46.0
169	13.1	10.8	16.2



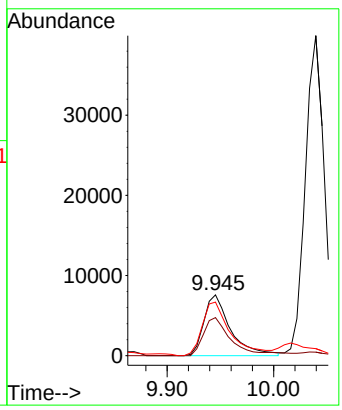


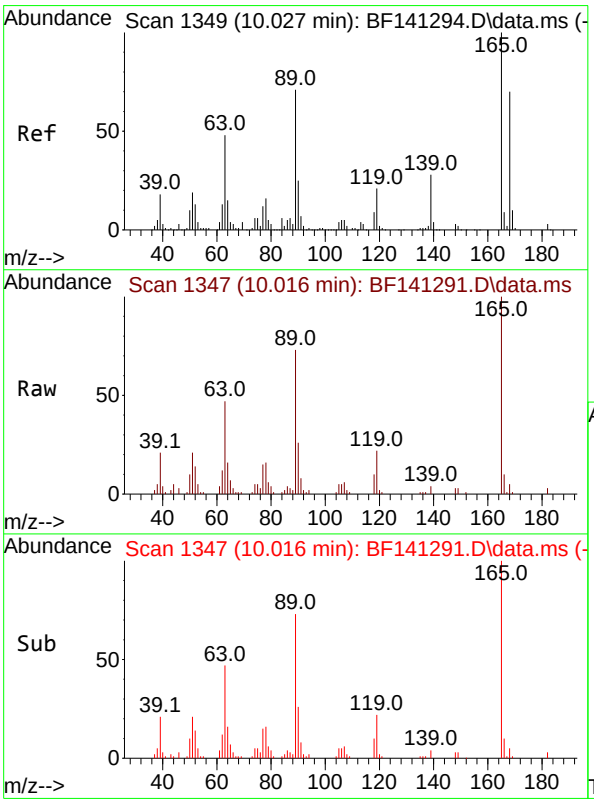
#56
4-Nitrophenol
Concen: 4.226 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:139 Resp: 13160

Ion	Ratio	Lower	Upper
139	100		
109	62.7	50.2	90.2
65	88.2	80.6	120.6

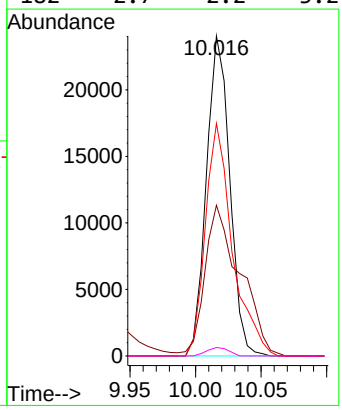


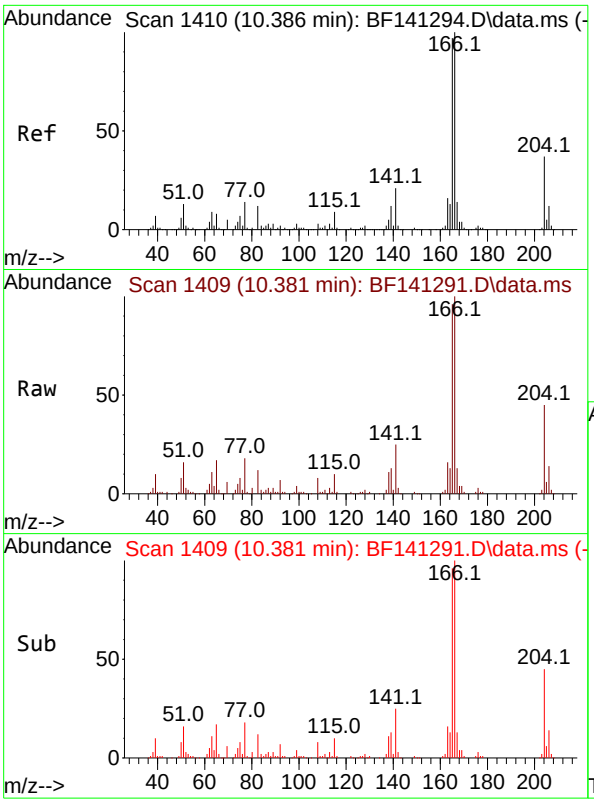


#57
2,4-Dinitrotoluene
Concen: 5.268 ng
RT: 10.016 min Scan# 1347
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:165 Resp: 29799

Ion	Ratio	Lower	Upper
165	100		
63	47.1	39.2	58.8
89	72.7	56.9	85.3
182	2.7	2.2	3.2



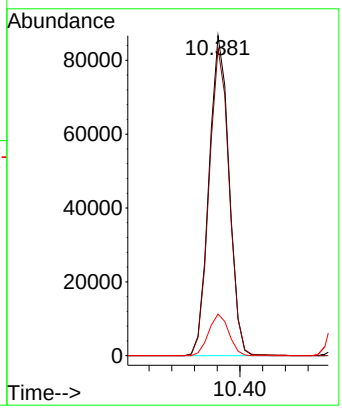


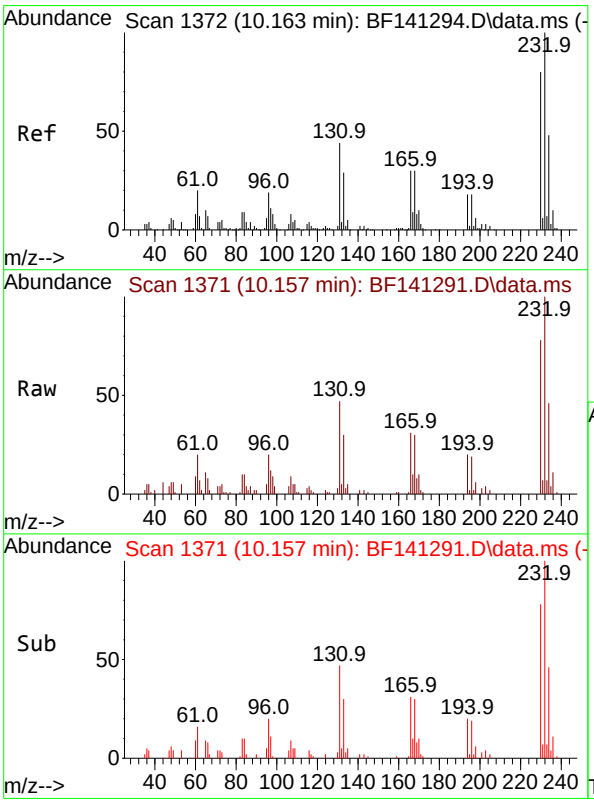
#58
Fluorene
Concen: 6.002 ng
RT: 10.381 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:166 Resp: 106198

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.5	116.3
167	13.0	10.9	16.3

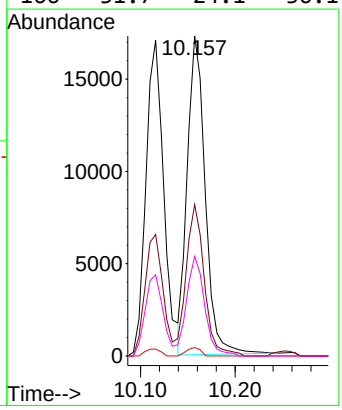


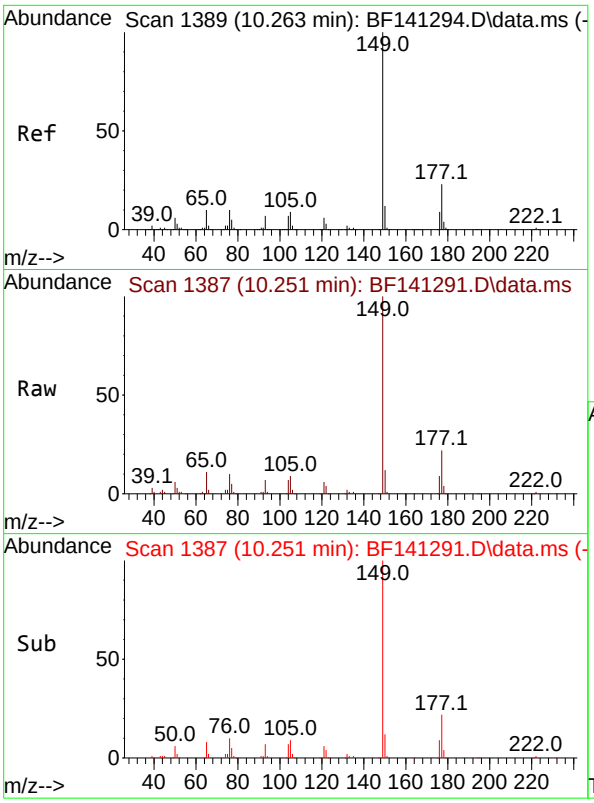


#59
2,3,4,6-Tetrachlorophenol
Concen: 5.090 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:232 Resp: 22818

Ion	Ratio	Lower	Upper
232	100		
131	48.3	36.4	54.6
130	2.1	1.9	2.9
166	31.7	24.1	36.1



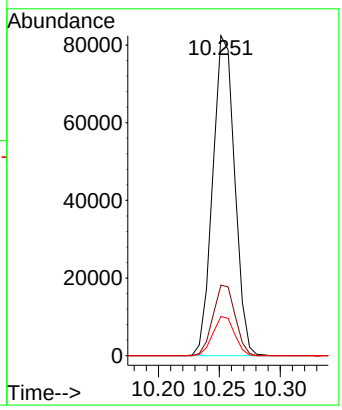


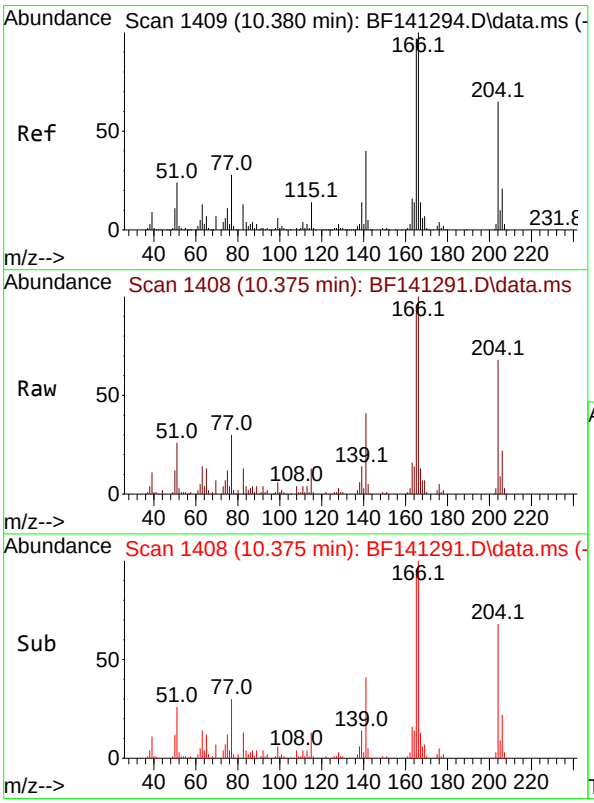
#60
Diethylphthalate
Concen: 5.660 ng
RT: 10.251 min Scan# 1
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 103307

Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.5	27.7
150	12.3	10.0	15.0

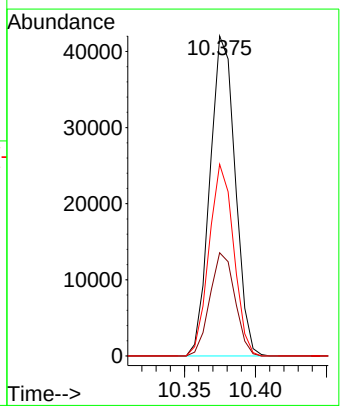


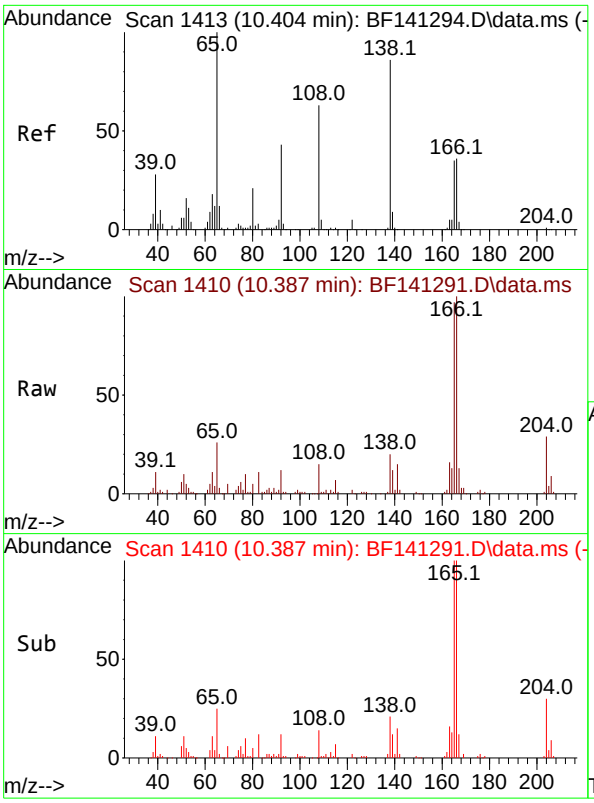


#61
4-Chlorophenyl-phenylether
Concen: 6.007 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:204 Resp: 51875

Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.9	38.9
141	59.9	49.5	74.3



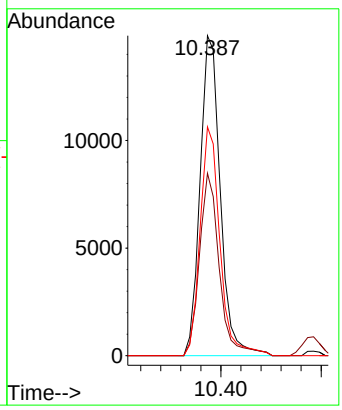


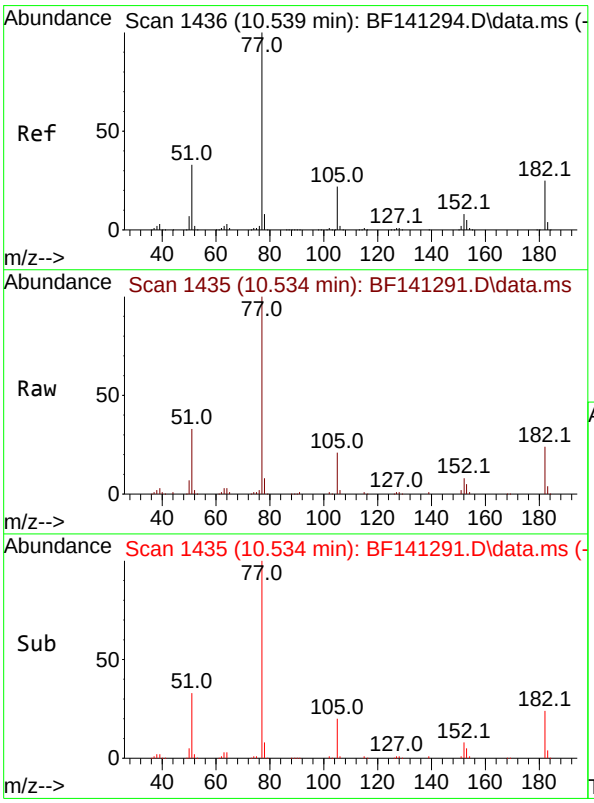
#62
4-Nitroaniline
Concen: 5.008 ng
RT: 10.387 min Scan# 14
Delta R.T. -0.017 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:138 Resp: 20870

Ion	Ratio	Lower	Upper
138	100		
92	57.0	30.1	70.1
108	71.5	53.1	93.1

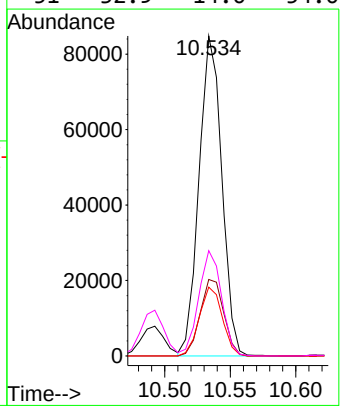


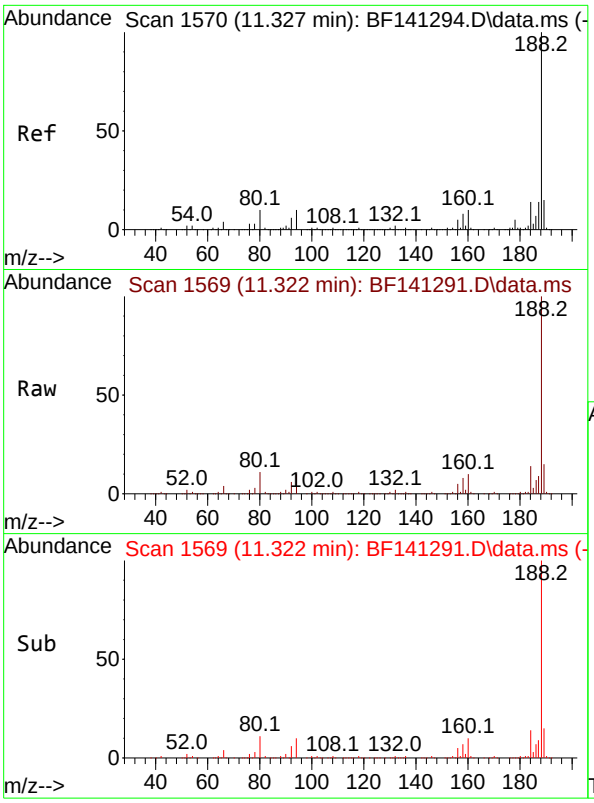


#63
Azobenzene
Concen: 5.623 ng
RT: 10.534 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion: 77 Resp: 102878

Ion	Ratio	Lower	Upper
77	100		
182	23.9	5.1	45.1
105	21.5	1.8	41.8
51	32.9	14.0	54.0



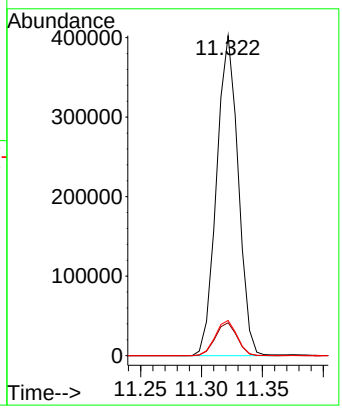


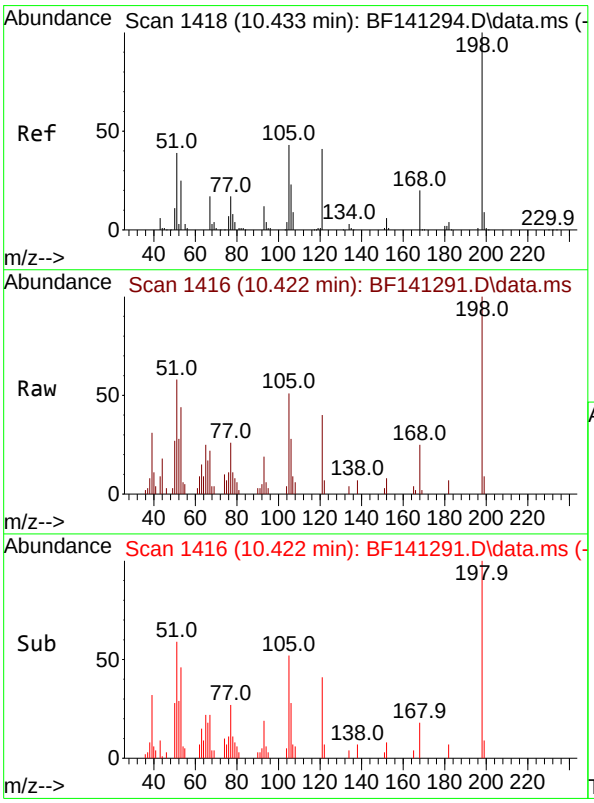
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 497368

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	11.0	8.2	12.4

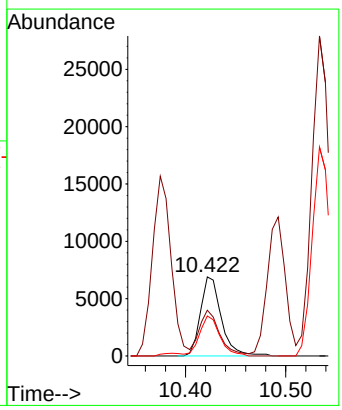


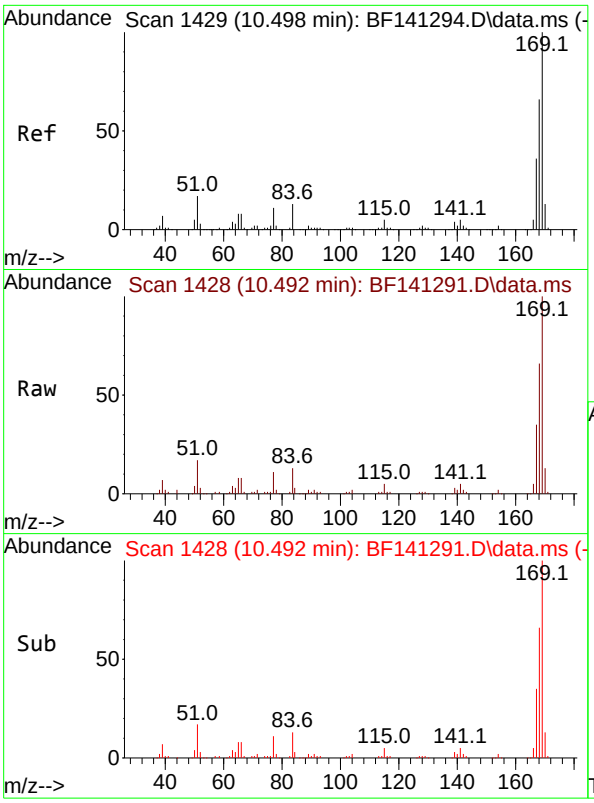


#65
4,6-Dinitro-2-methylphenol
Concen: 3.353 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:198 Resp: 9960

Ion	Ratio	Lower	Upper
198	100		
51	57.8	33.4	73.4
105	50.6	24.4	64.4



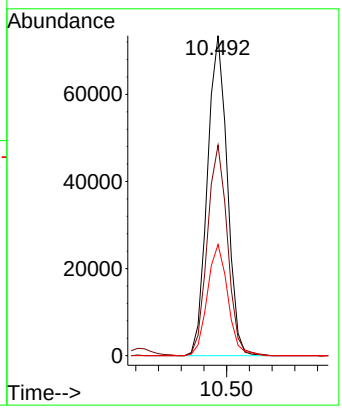


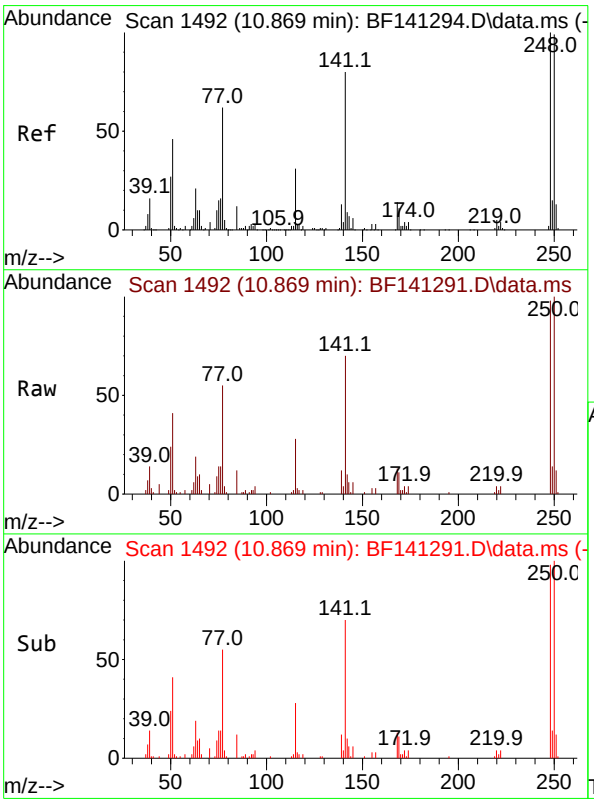
#66
n-Nitrosodiphenylamine
Concen: 5.523 ng
RT: 10.492 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:169 Resp: 89060

Ion	Ratio	Lower	Upper
169	100		
168	65.8	53.0	79.4
167	34.7	28.8	43.2

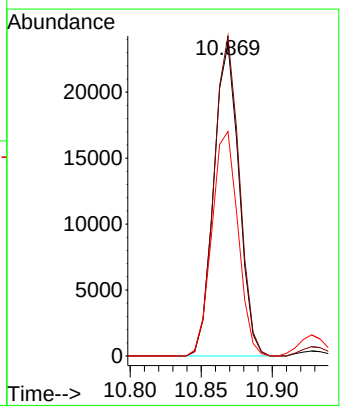


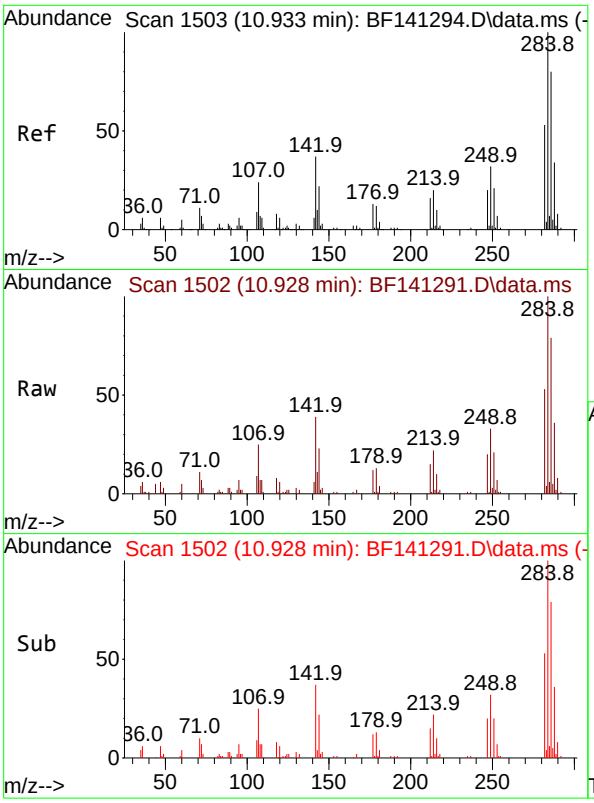


#67
4-Bromophenyl-phenylether
Concen: 5.245 ng
RT: 10.869 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:248 Resp: 29160

Ion	Ratio	Lower	Upper
248	100		
250	102.5	79.0	118.4
141	71.9	63.7	95.5



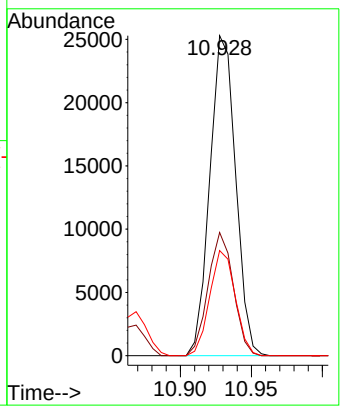


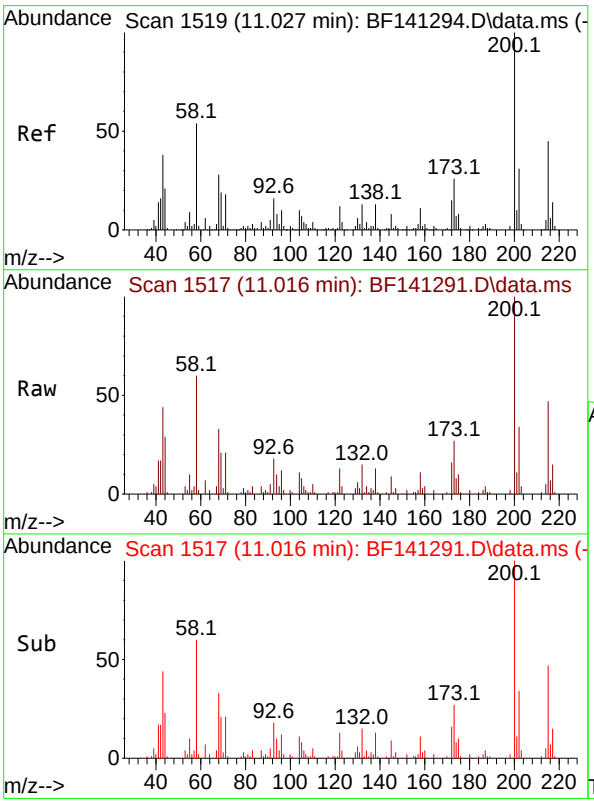
#68
Hexachlorobenzene
Concen: 5.424 ng
RT: 10.928 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:284 Resp: 31990

Ion	Ratio	Lower	Upper
284	100		
142	38.5	29.5	44.3
249	32.8	25.4	38.2

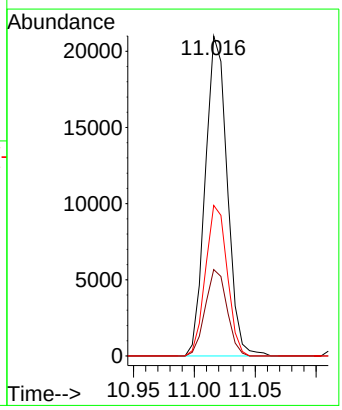


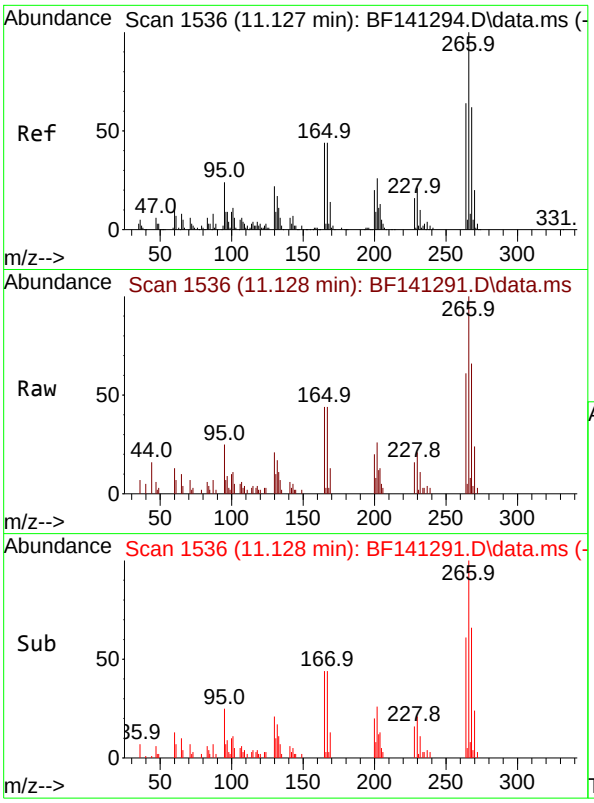


#69
Atrazine
Concen: 4.855 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:200 Resp: 26258

Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.9	45.9
215	47.0	25.2	65.2



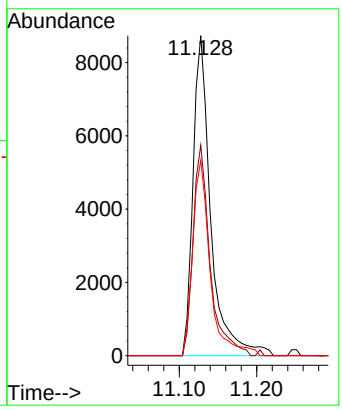


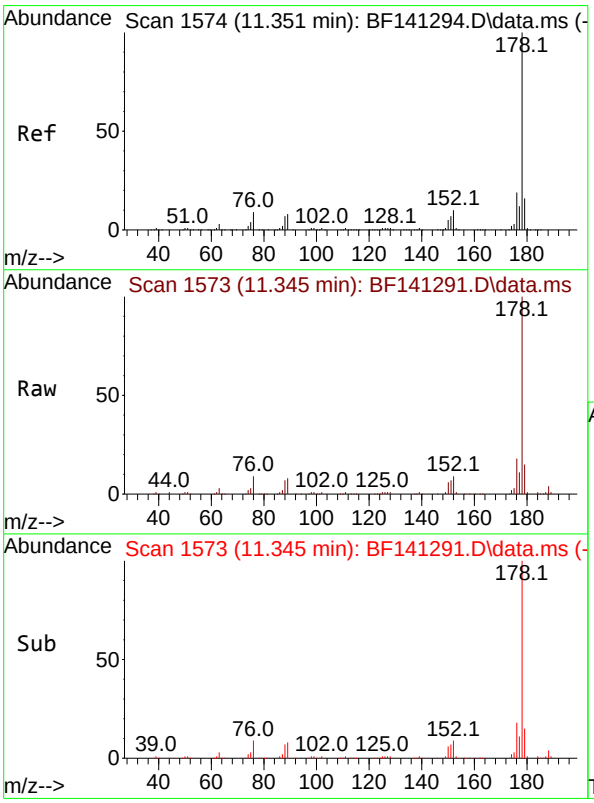
#70
Pentachlorophenol
Concen: 4.027 ng
RT: 11.128 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:266 Resp: 13924

Ion	Ratio	Lower	Upper
266	100		
268	65.7	49.9	74.9
264	61.1	51.0	76.4

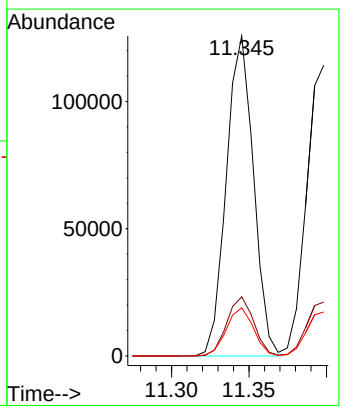


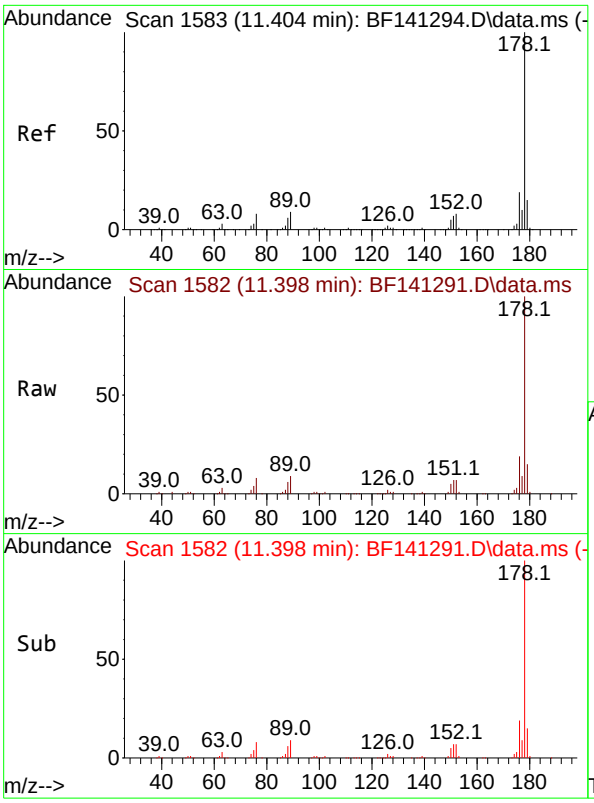


#71
Phenanthrene
Concen: 5.738 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:178 Resp: 153320

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	15.0	12.5	18.7



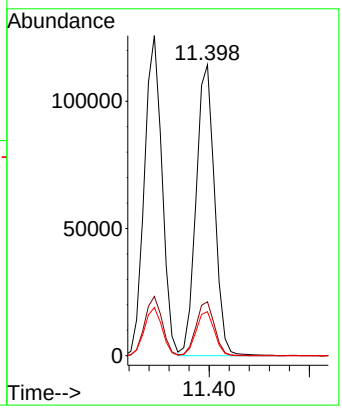


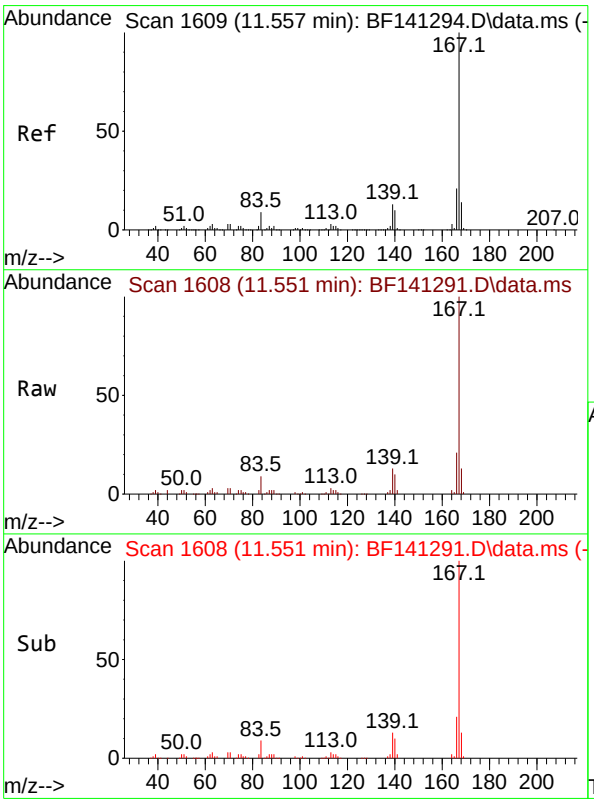
#72
Anthracene
Concen: 5.625 ng
RT: 11.398 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 146593

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.1	12.3	18.5

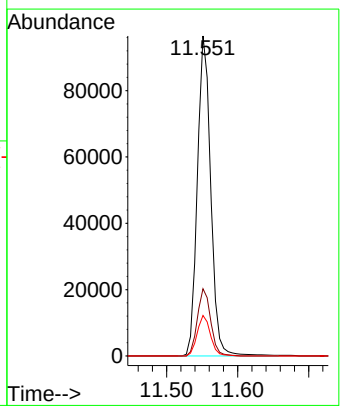


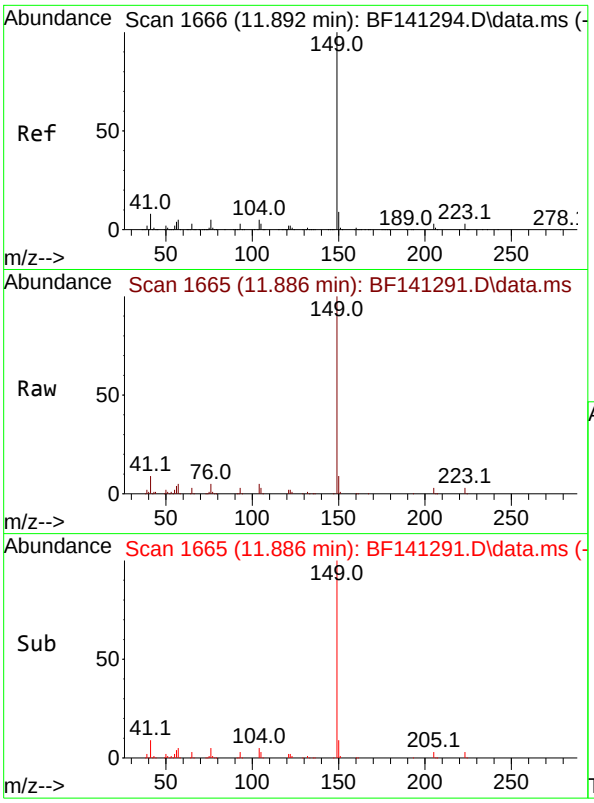


#73
Carbazole
Concen: 5.491 ng
RT: 11.551 min Scan# 1608
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:167 Resp: 126760

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.6	10.6	16.0



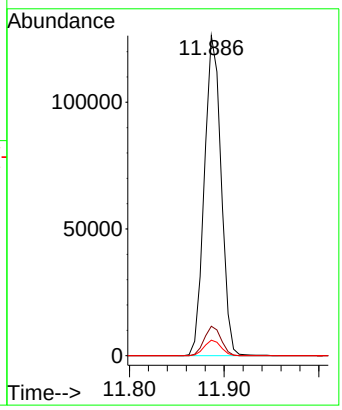


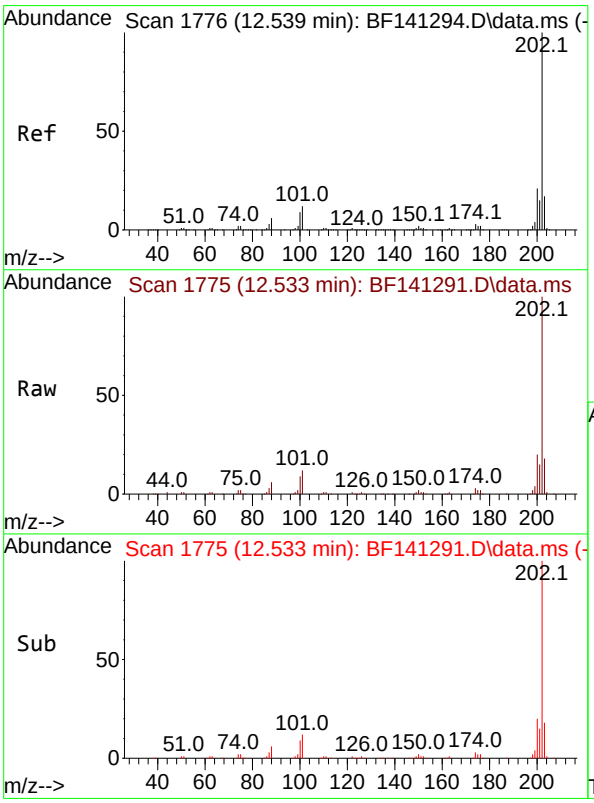
#74
Di-n-butylphthalate
Concen: 5.560 ng
RT: 11.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 154718

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.9	5.9

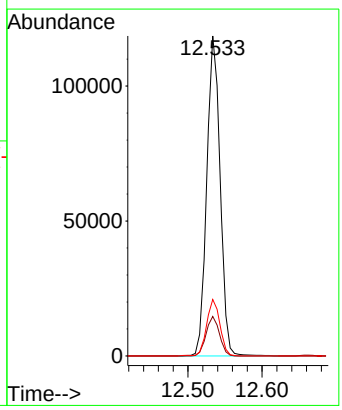


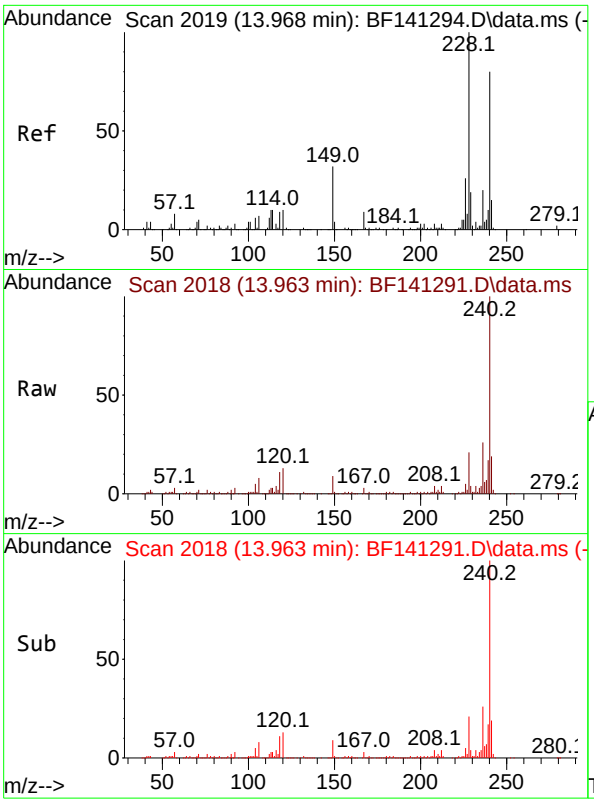


#75
Fluoranthene
Concen: 5.696 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:202 Resp: 148553

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.7
203	17.6	0.0	37.5



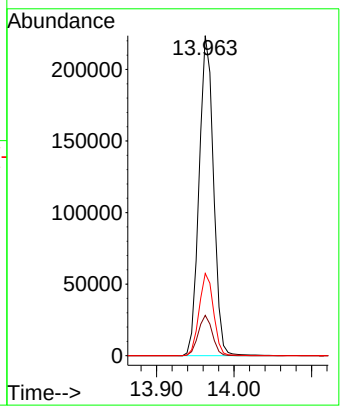


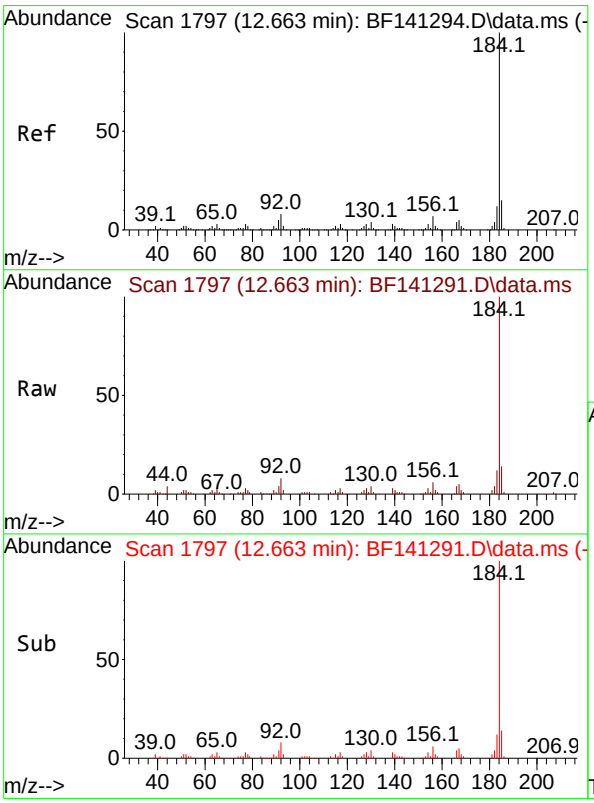
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:240 Resp: 288657

Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.0	15.0
236	25.7	19.7	29.5

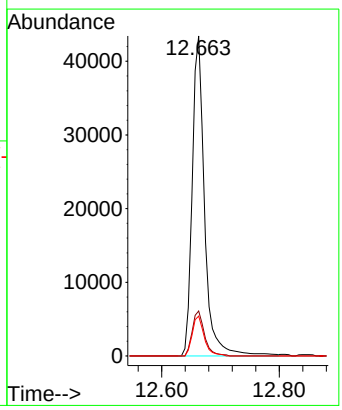


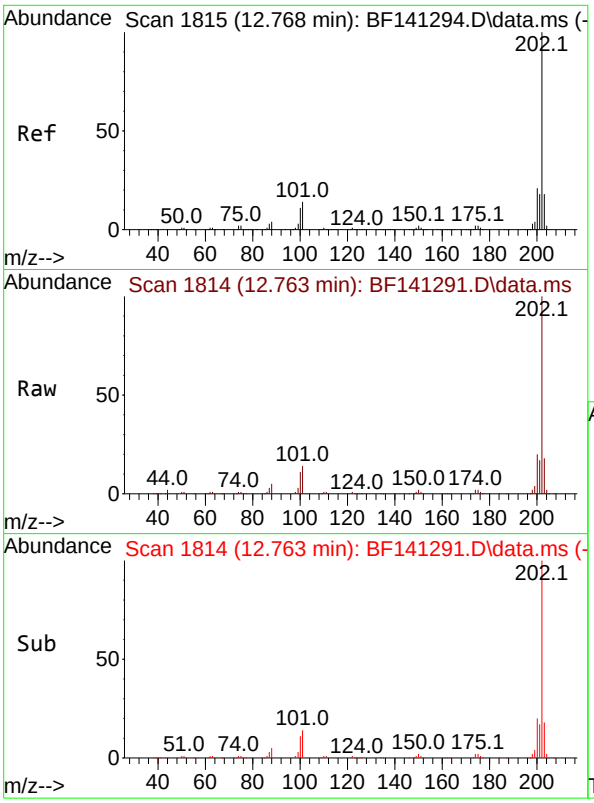


#77
Benzidine
Concen: 7.253 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:184 Resp: 63661

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.9	17.9
183	12.4	9.5	14.3



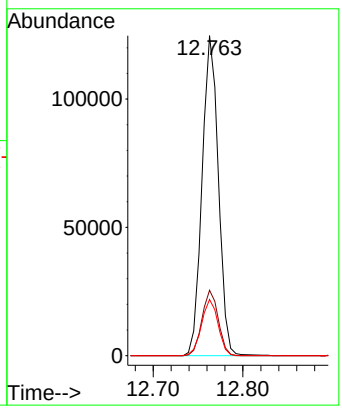


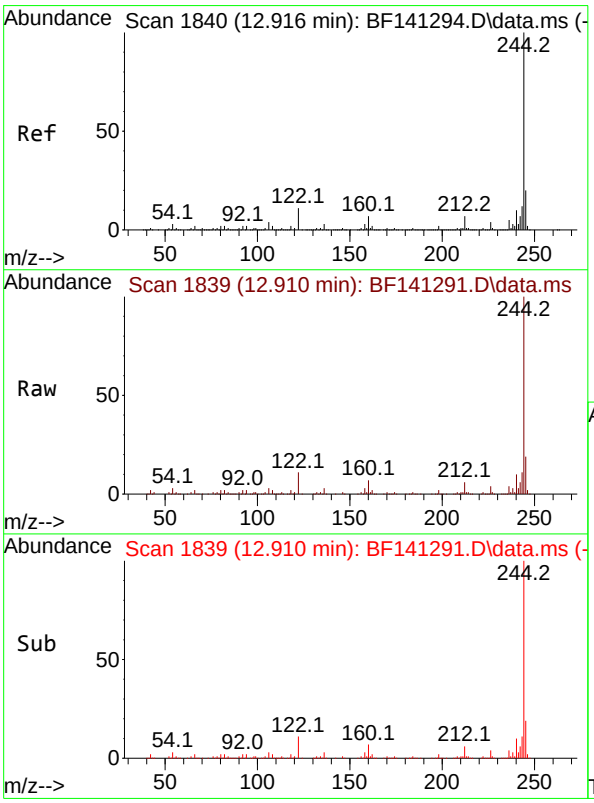
#78
Pyrene
Concen: 5.639 ng
RT: 12.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:202 Resp: 157175

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	17.6	14.3	21.5

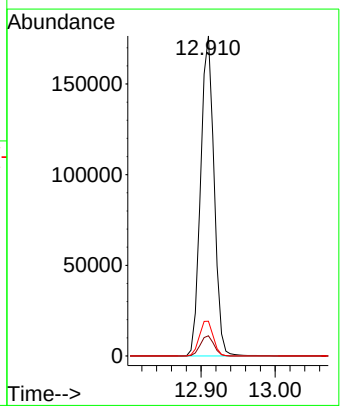


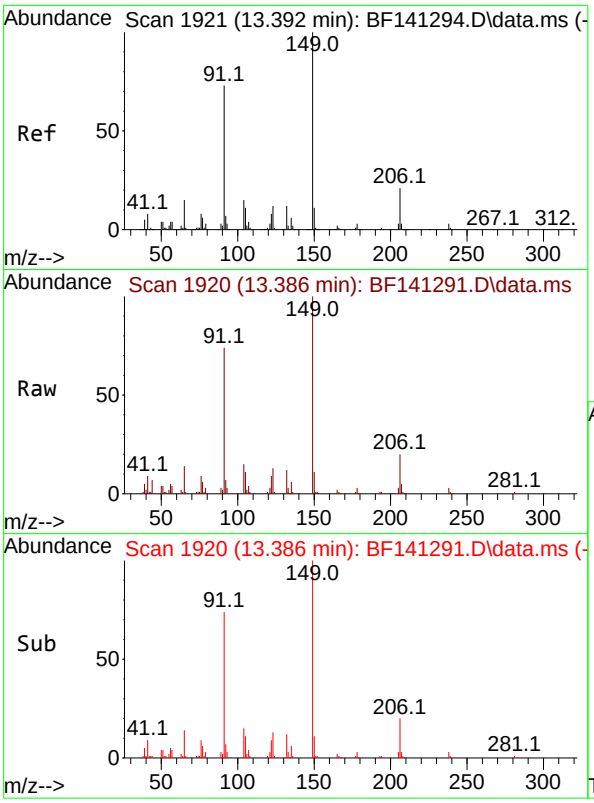


#79
Terphenyl-d14
Concen: 11.874 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:244 Resp: 222747

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.9	8.8	13.2



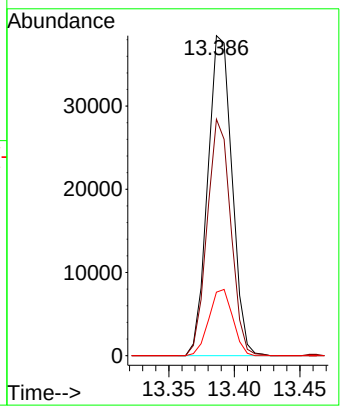


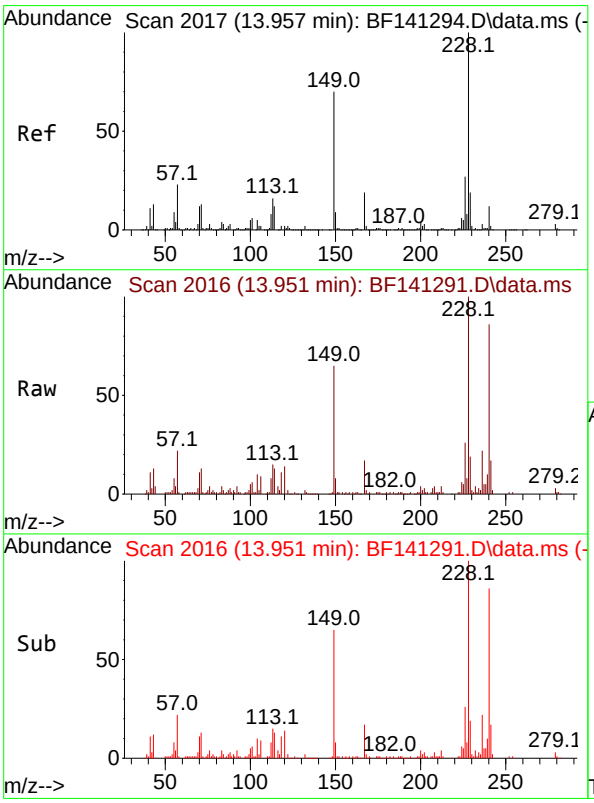
#80
Butylbenzylphthalate
Concen: 5.140 ng
RT: 13.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 49477

Ion	Ratio	Lower	Upper
149	100		
91	73.9	58.6	87.8
206	19.9	16.7	25.1

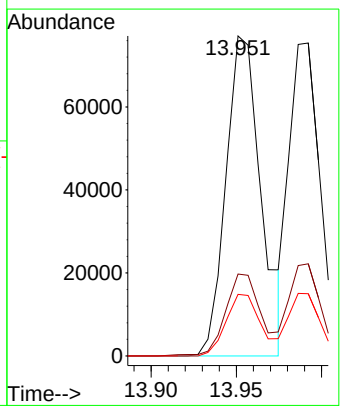


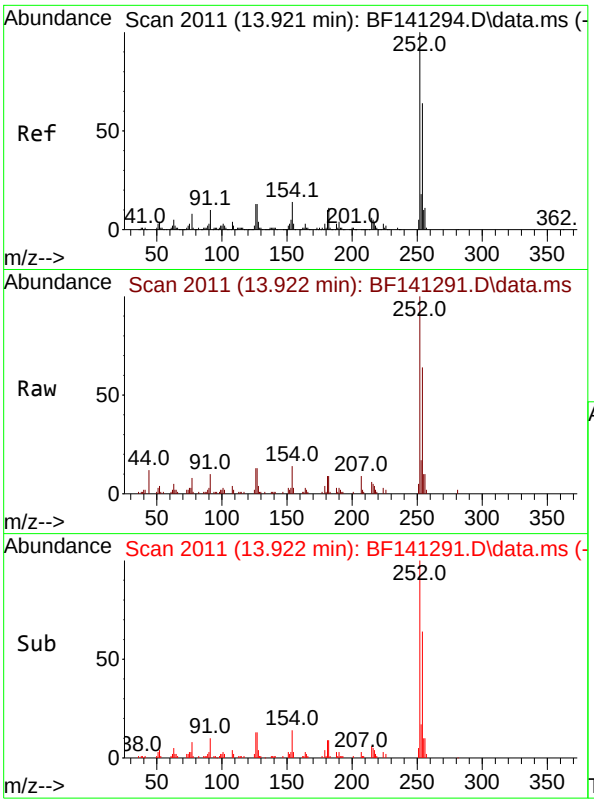


#81
Benzo(a)anthracene
Concen: 5.588 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:228 Resp: 110559

Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.4	32.2
229	19.3	15.5	23.3



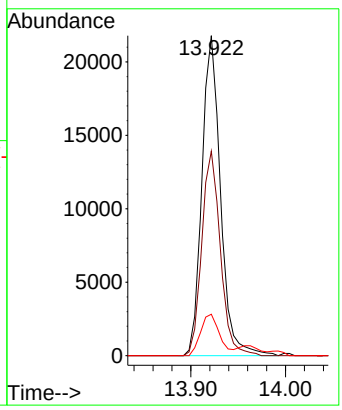


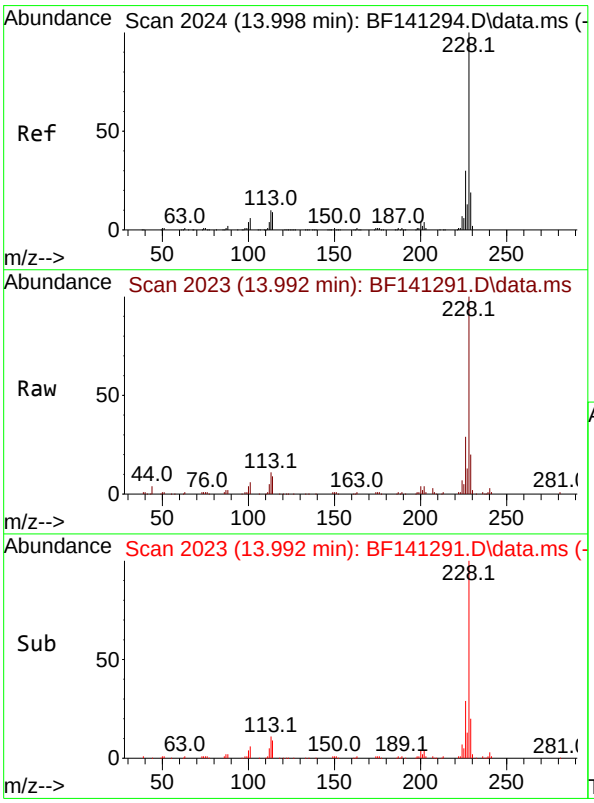
#82
3,3'-Dichlorobenzidine
Concen: 4.803 ng
RT: 13.922 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 29754

Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	13.0	10.0	15.0

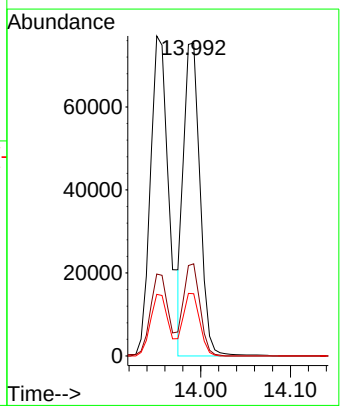


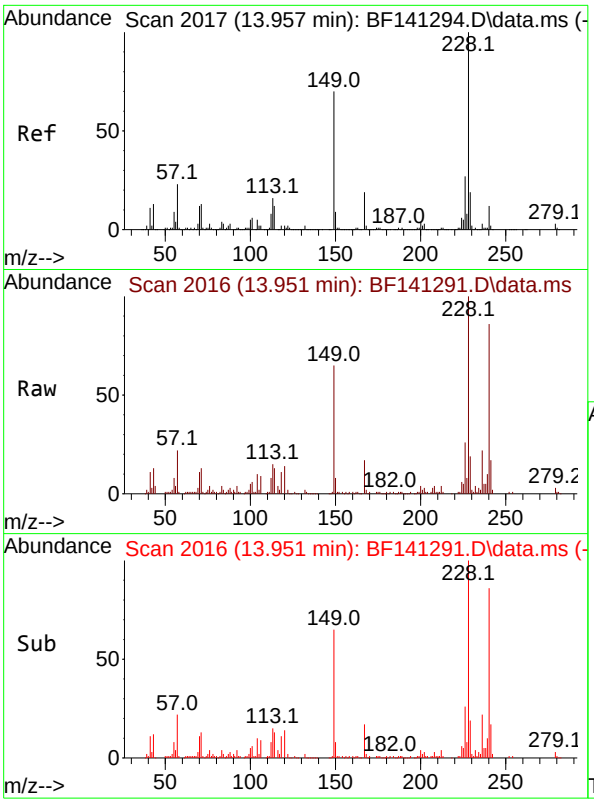


#83
Chrysene
Concen: 5.238 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:228 Resp: 96099

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.9	15.6	23.4



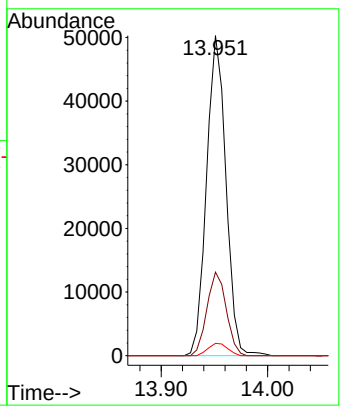


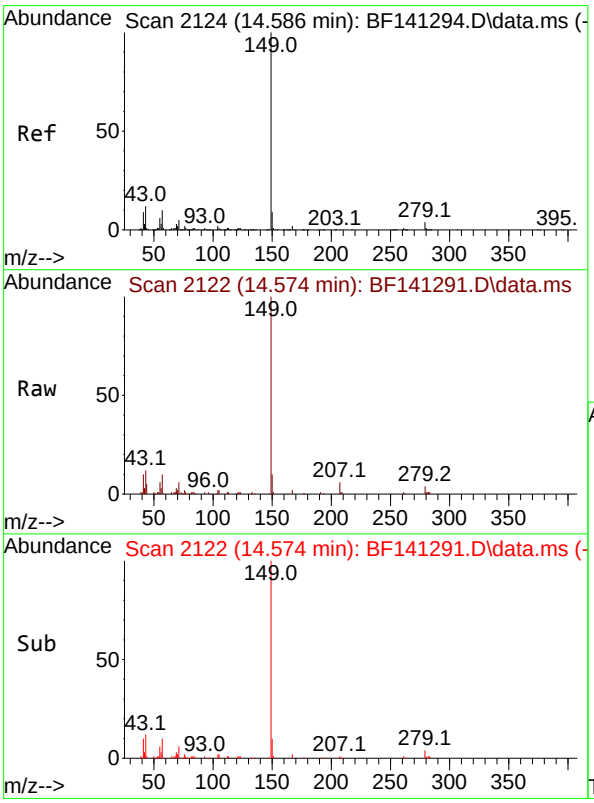
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.269 ng
RT: 13.951 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:149 Resp: 63638

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.8
279	3.9	3.3	4.9

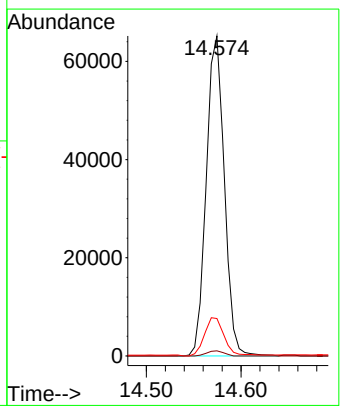


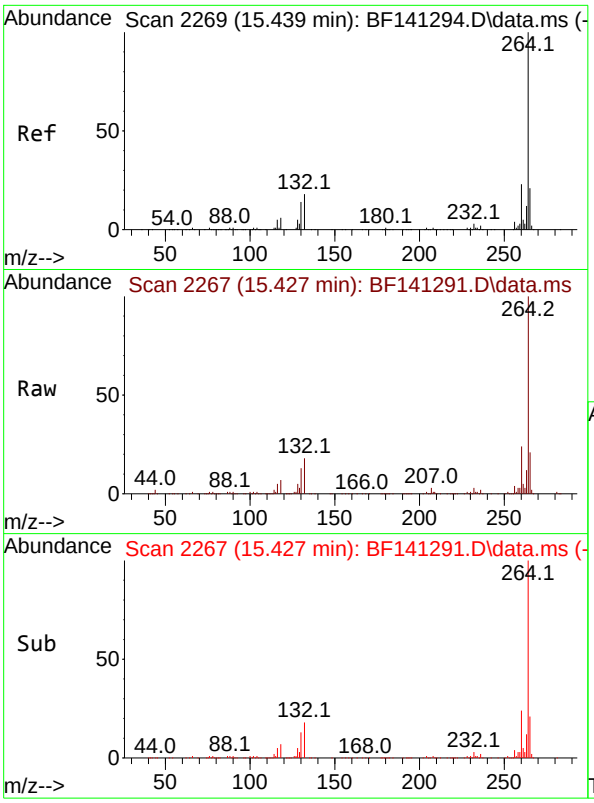


#85
Di-n-octyl phthalate
Concen: 4.560 ng
RT: 14.574 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:149 Resp: 86163

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.3	9.8	14.8



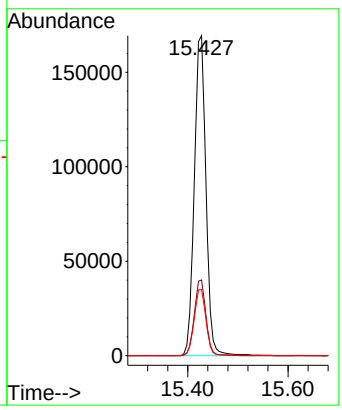


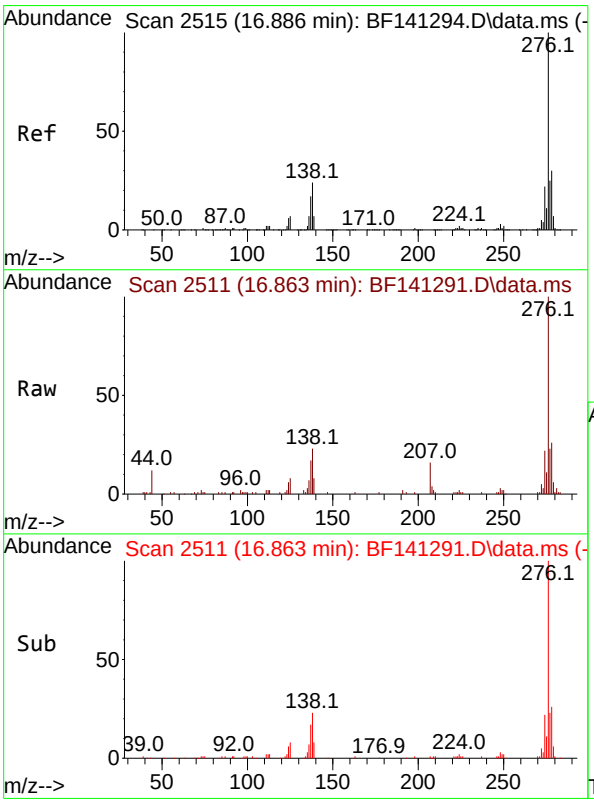
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2
Delta R.T. -0.011 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:264 Resp: 273117

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.7	16.7	25.1

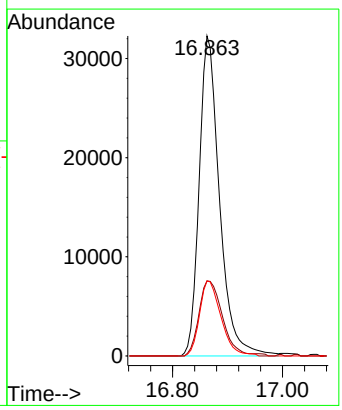


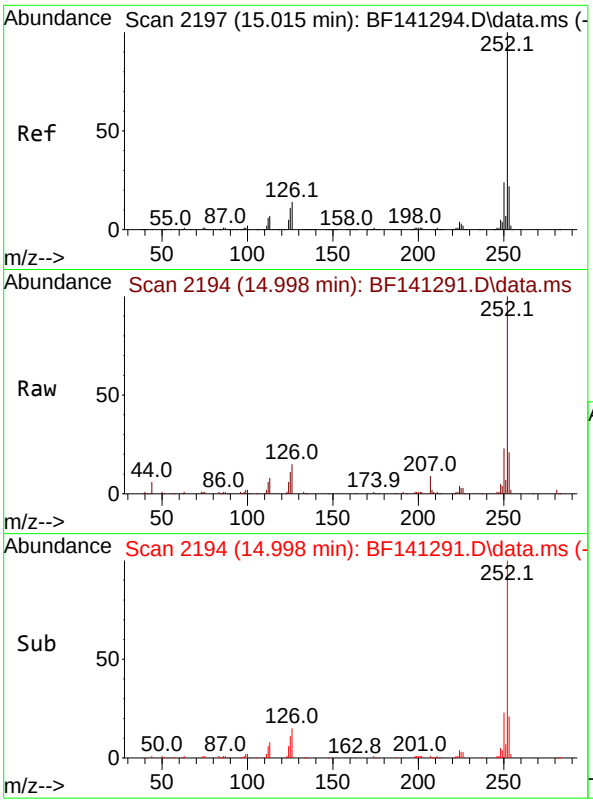


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.657 ng
RT: 16.863 min Scan# 2511
Delta R.T. -0.023 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:276 Resp: 83074

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	24.7	20.3	30.5



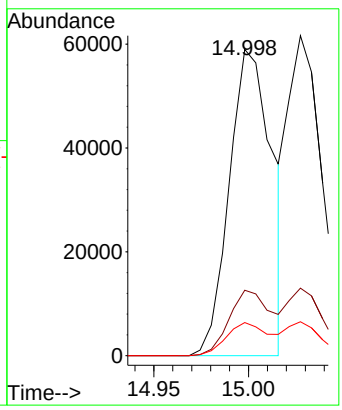


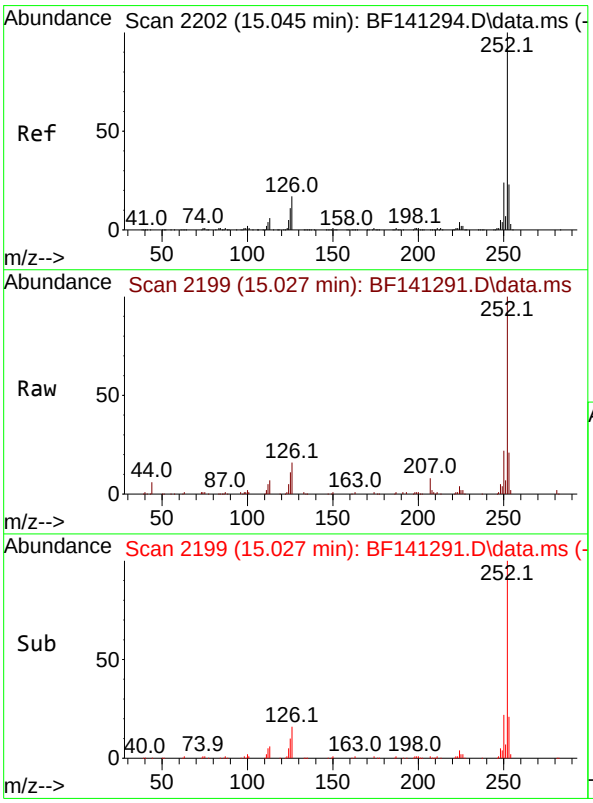
#88
Benzo(b)fluoranthene
Concen: 5.465 ng
RT: 14.998 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 92690

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.8	8.6	12.8

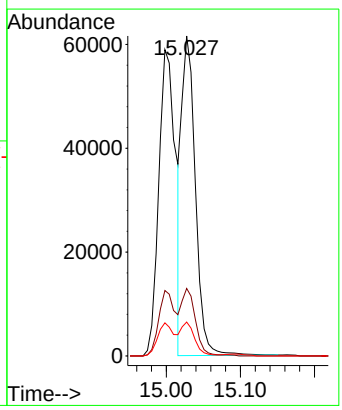


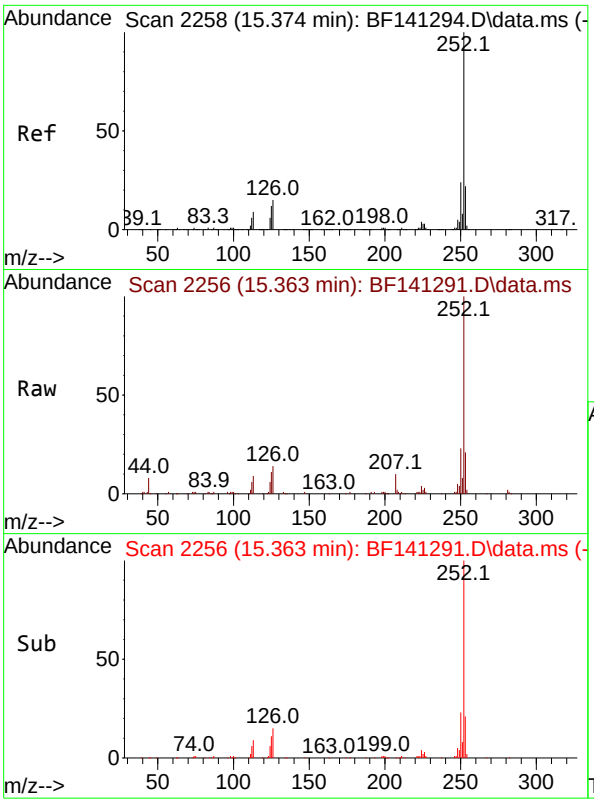


#89
Benzo(k)fluoranthene
Concen: 5.247 ng
RT: 15.027 min Scan# 2199
Delta R.T. -0.017 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:252 Resp: 79701

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	10.6	8.4	12.6



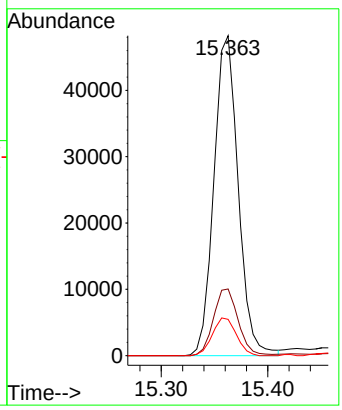


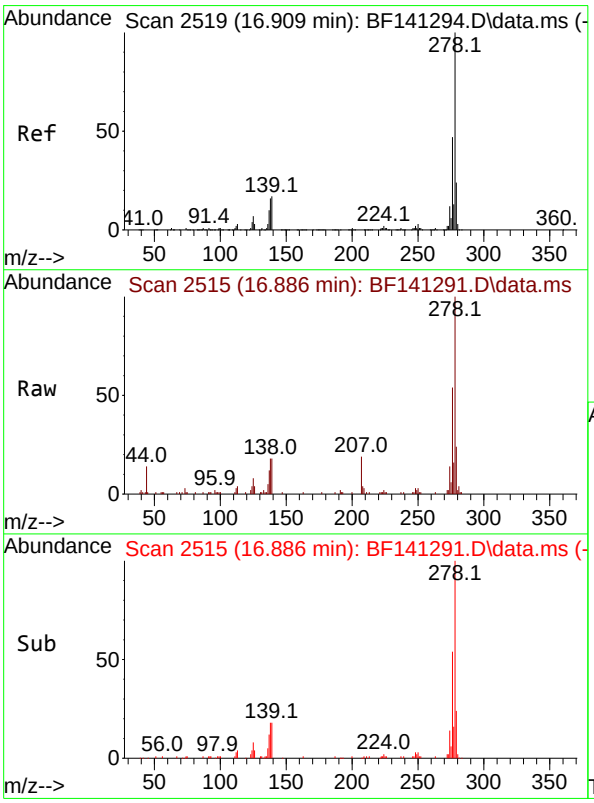
#90
Benzo(a)pyrene
Concen: 5.268 ng
RT: 15.363 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:252 Resp: 76368

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.2	25.8
125	11.3	9.4	14.2

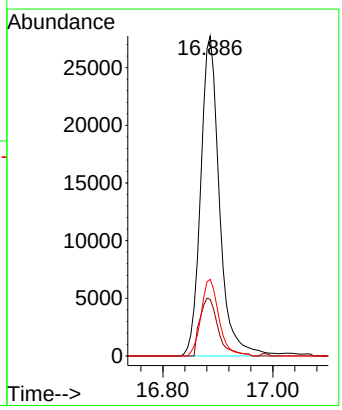


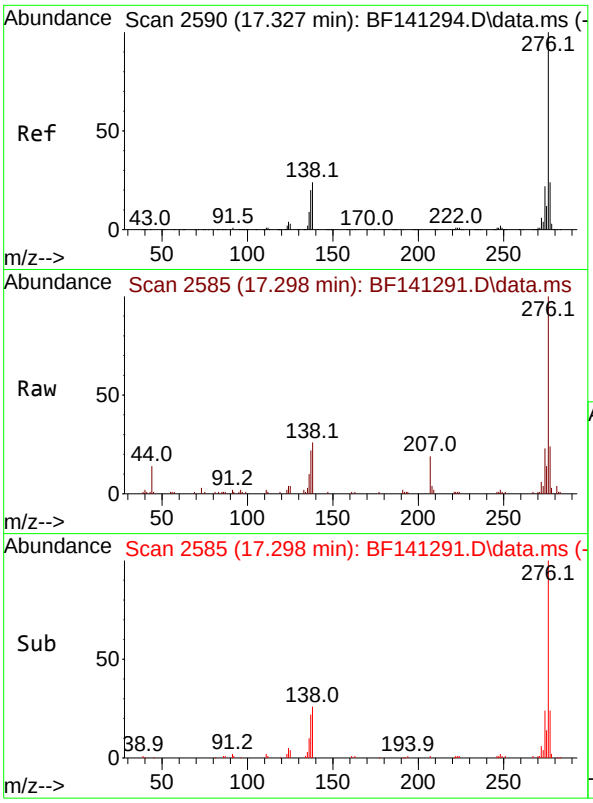


#91
Dibenzo(a,h)anthracene
Concen: 4.615 ng
RT: 16.886 min Scan# 2515
Delta R.T. -0.023 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Tgt Ion:278 Resp: 65991

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	24.0	18.8	28.2



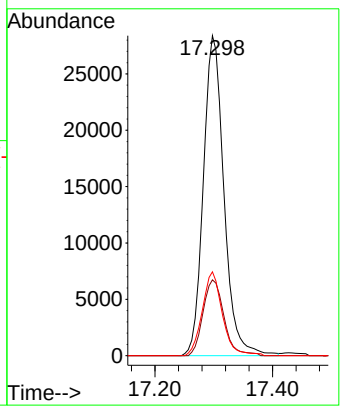


#92
Benzo(g,h,i)perylene
Concen: 4.591 ng
RT: 17.298 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF141291.D
Acq: 29 Jan 2025 10:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:276 Resp: 69049

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.2	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 29 16:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132200	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	289559	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510795	20.000	ng	0.00
76) Chrysene-d12	13.969	240	308114	20.000	ng	0.00
86) Perylene-d12	15.433	264	280028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	183846	21.507	ng	0.00
7) Phenol-d6	6.416	99	237908	21.836	ng	-0.01
23) Nitrobenzene-d5	7.357	82	211040	20.937	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	57417	21.761	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	423852	22.581	ng	0.00
79) Terphenyl-d14	12.910	244	434781	21.713	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	39830	10.497	ng	98
3) Pyridine	3.222	79	93176	10.267	ng	99
4) n-Nitrosodimethylamine	3.152	42	52157	10.036	ng	98
6) Aniline	6.457	93	99872	10.968	ng	99
8) 2-Chlorophenol	6.581	128	99805	10.871	ng	95
9) Benzaldehyde	6.346	77	74679	11.803	ng	99
10) Phenol	6.434	94	124196	10.775	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	93367	10.533	ng	99
12) 1,3-Dichlorobenzene	6.740	146	110278	10.891	ng	98
13) 1,4-Dichlorobenzene	6.816	146	109956	10.784	ng	99
14) 1,2-Dichlorobenzene	6.969	146	106335	11.160	ng	98
15) Benzyl Alcohol	6.934	79	79378	10.665	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	164185	10.661	ng	99
17) 2-Methylphenol	7.045	107	77643	10.446	ng	98
18) Hexachloroethane	7.310	117	40445	10.721	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	70075	10.815	ng	99
20) 3+4-Methylphenols	7.198	107	103360	11.310	ng	95
22) Acetophenone	7.204	105	139527	11.036	ng	98
24) Nitrobenzene	7.375	77	109497	10.474	ng	99
25) Isophorone	7.616	82	182564	10.480	ng	100
26) 2-Nitrophenol	7.692	139	49783	10.167	ng	98
27) 2,4-Dimethylphenol	7.728	122	63681m	10.177	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	117232	10.561	ng	98
29) 2,4-Dichlorophenol	7.934	162	79949	10.457	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	94419	10.767	ng	98
31) Naphthalene	8.098	128	305386	10.887	ng	99
32) Benzoic acid	7.798	122	47549	8.367	ng	99
33) 4-Chloroaniline	8.151	127	100852	10.703	ng	98
34) Hexachlorobutadiene	8.222	225	55103	10.736	ng	99
35) Caprolactam	8.481	113	25363	10.256	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	87592	10.674	ng	98
37) 2-Methylnaphthalene	8.792	142	195160	10.925	ng	99
38) 1-Methylnaphthalene	8.892	142	192861	11.022	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	88710	10.775	ng	99
41) Hexachlorocyclopentadiene	8.945	237	22759	9.212	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	55036	10.241	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	61493	10.518	ng	100
46) 1,1'-Biphenyl	9.257	154	245028	10.847	ng	99
47) 2-Chloronaphthalene	9.281	162	189709	10.812	ng	98
48) 2-Nitroaniline	9.375	65	56247	10.164	ng	99
49) Acenaphthylene	9.692	152	268471	10.895	ng	99
50) Dimethylphthalate	9.551	163	210816	10.857	ng	100
51) 2,6-Dinitrotoluene	9.616	165	47955	10.613	ng	97
52) Acenaphthene	9.869	154	188283	10.738	ng	100
53) 3-Nitroaniline	9.781	138	47818	10.699	ng	95
54) 2,4-Dinitrophenol	9.892	184	14749	6.925	ng	98
55) Dibenzofuran	10.039	168	258832	11.038	ng	99
56) 4-Nitrophenol	9.939	139	31196	9.722	ng	98
57) 2,4-Dinitrotoluene	10.016	165	62418	10.710	ng	99
58) Fluorene	10.381	166	204141	11.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	49596	10.737	ng	100
60) Diethylphthalate	10.257	149	205131	10.908	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	100485	11.294	ng	100
62) 4-Nitroaniline	10.392	138	45222	10.533	ng	99
63) Azobenzene	10.534	77	204300	10.839	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	26939	8.831	ng	91
66) n-Nitrosodiphenylamine	10.492	169	174617	10.544	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	59770	10.468	ng	96
68) Hexachlorobenzene	10.928	284	63908	10.551	ng	100
69) Atrazine	11.016	200	51633	9.295	ng	99
70) Pentachlorophenol	11.128	266	34788	9.796	ng	99
71) Phenanthrene	11.345	178	298892	10.893	ng	99
72) Anthracene	11.398	178	292813	10.940	ng	99
73) Carbazole	11.551	167	258853	10.919	ng	99
74) Di-n-butylphthalate	11.886	149	316336	11.070	ng	99
75) Fluoranthene	12.533	202	306969	11.462	ng	99
77) Benzidine	12.657	184	73918	7.890	ng	98
78) Pyrene	12.763	202	317744	10.681	ng	99
80) Butylbenzylphthalate	13.386	149	106335	10.349	ng	99
81) Benzo(a)anthracene	13.957	228	217291	10.289	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	65021	9.833	ng	99
83) Chrysene	13.992	228	204080	10.421	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	139099	10.789	ng	99
85) Di-n-octyl phthalate	14.580	149	195129	9.676	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	177554	9.708	ng	100
88) Benzo(b)fluoranthene	15.010	252	193558	11.130	ng	99
89) Benzo(k)fluoranthene	15.039	252	155925	10.012	ng	99
90) Benzo(a)pyrene	15.374	252	148214	9.972	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	140143	9.559	ng	99
92) Benzo(g,h,i)perylene	17.315	276	150453	9.756	ng	99

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

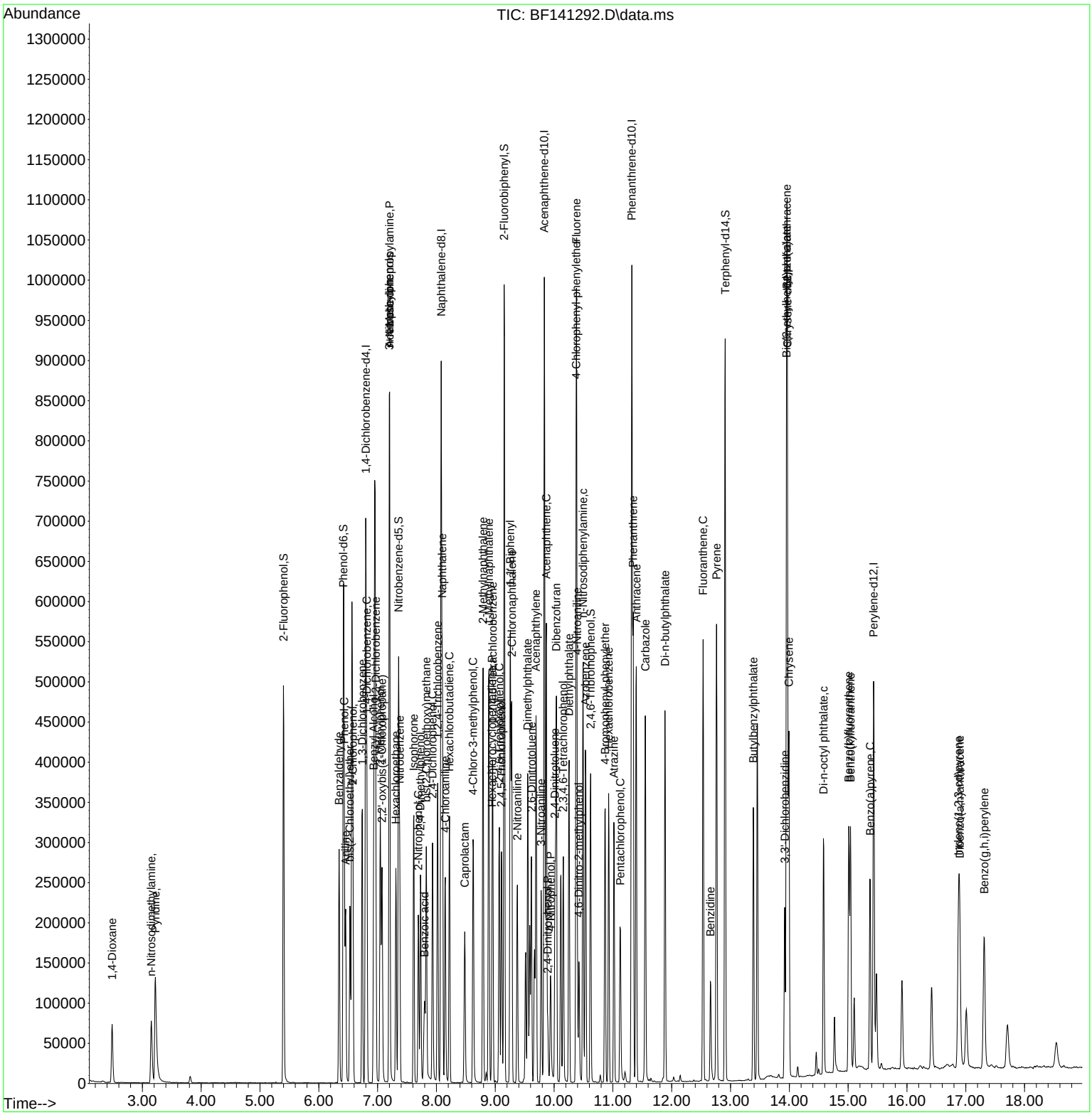
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Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

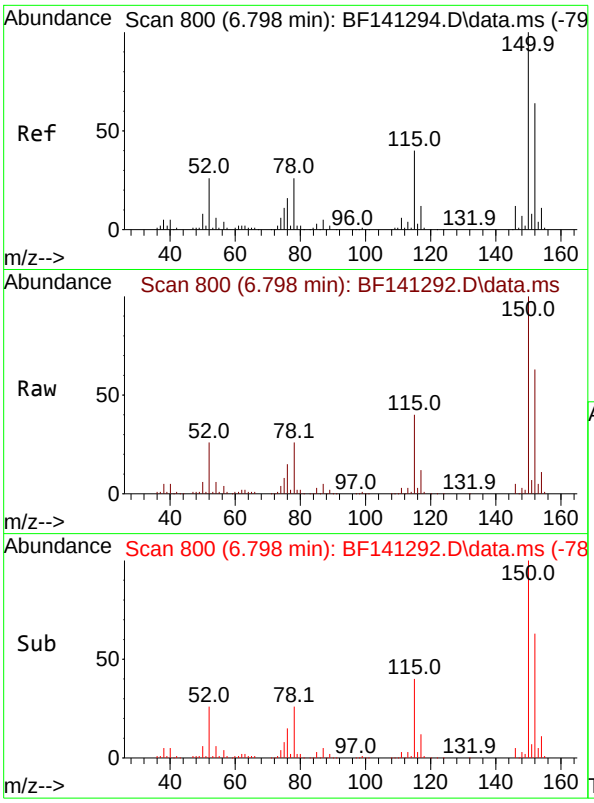
Quant Time: Jan 29 16:29:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

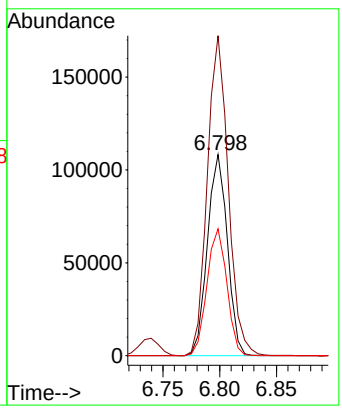




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:152 Resp: 13220(

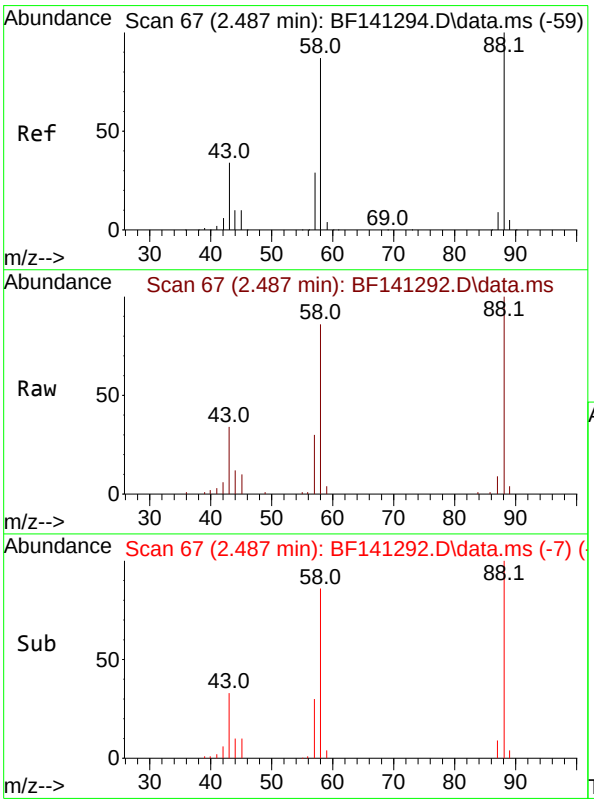
Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.9	188.9
115	63.1	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

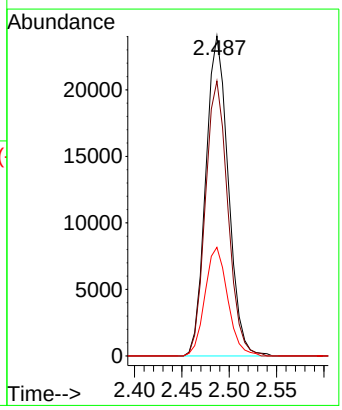
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

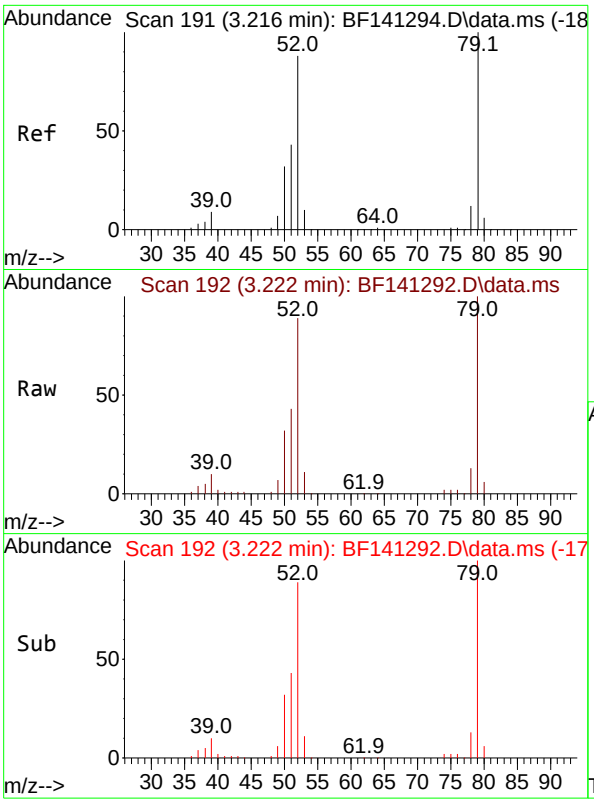


#2
1,4-Dioxane
Concen: 10.497 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 88 Resp: 39830

Ion	Ratio	Lower	Upper
88	100		
58	85.5	70.2	105.4
43	34.3	27.6	41.4

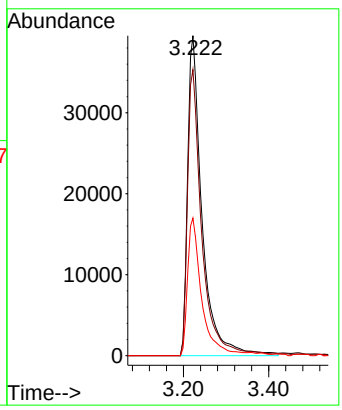




#3
Pyridine
Concen: 10.267 ng
RT: 3.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 79 Resp: 9317

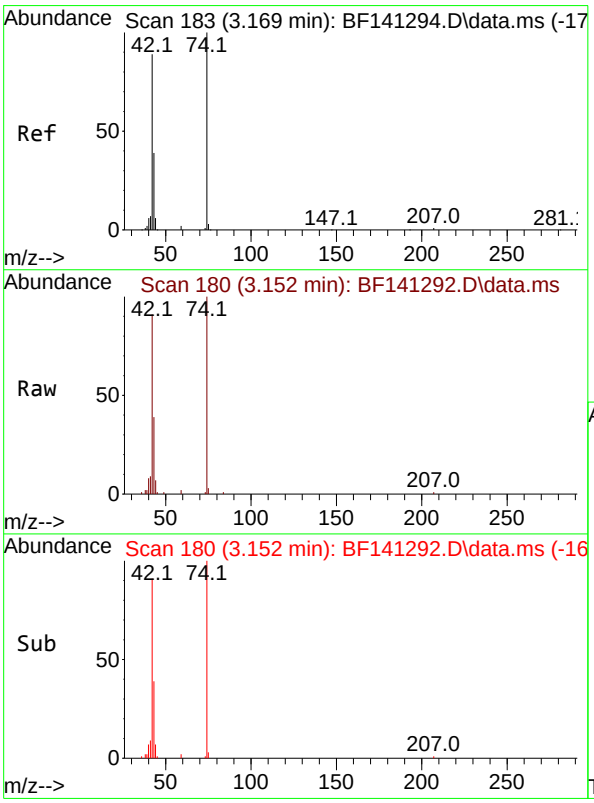
Ion	Ratio	Lower	Upper
79	100		
52	89.4	70.3	105.5
51	43.0	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

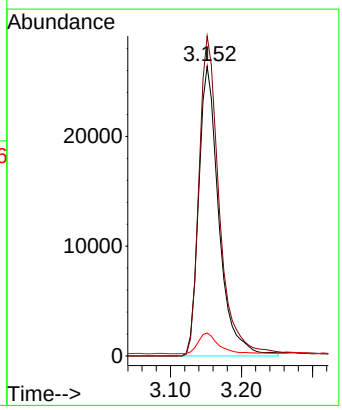
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

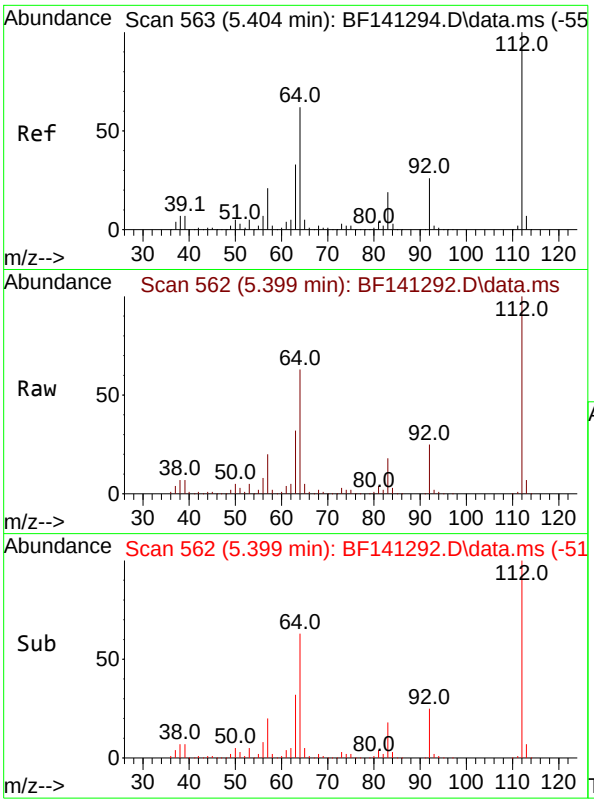


#4
n-Nitrosodimethylamine
Concen: 10.036 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.017 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 42 Resp: 52157

Ion	Ratio	Lower	Upper
42	100		
74	110.5	90.3	135.5
44	8.0	5.7	8.5

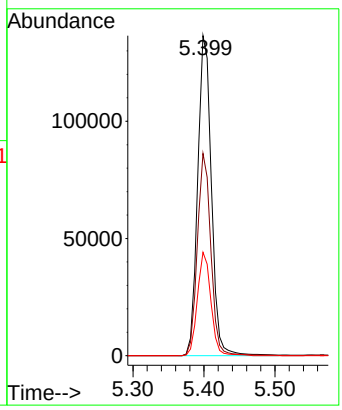




#5
2-Fluorophenol
Concen: 21.507 ng
RT: 5.399 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:112 Resp: 18384

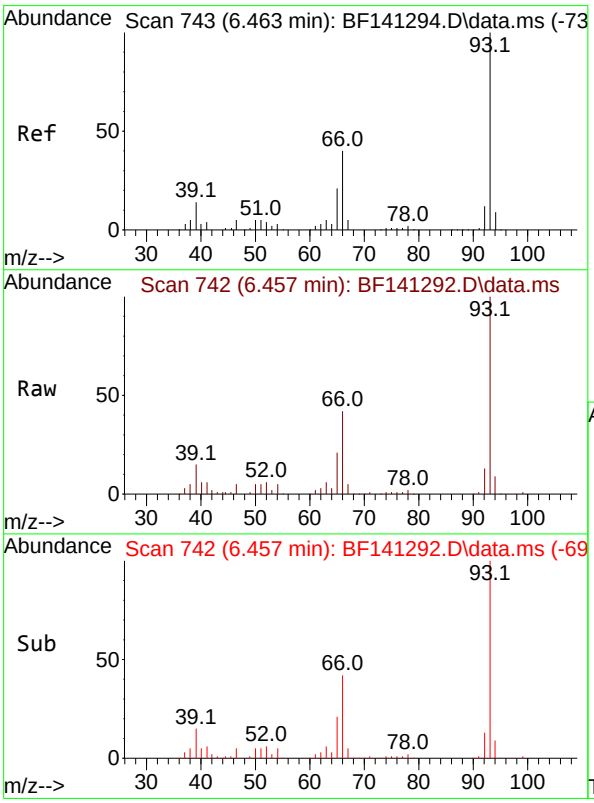
Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.8	74.8
63	32.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

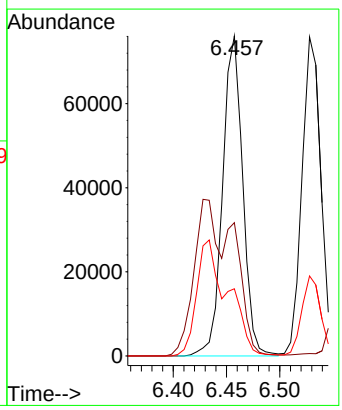
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

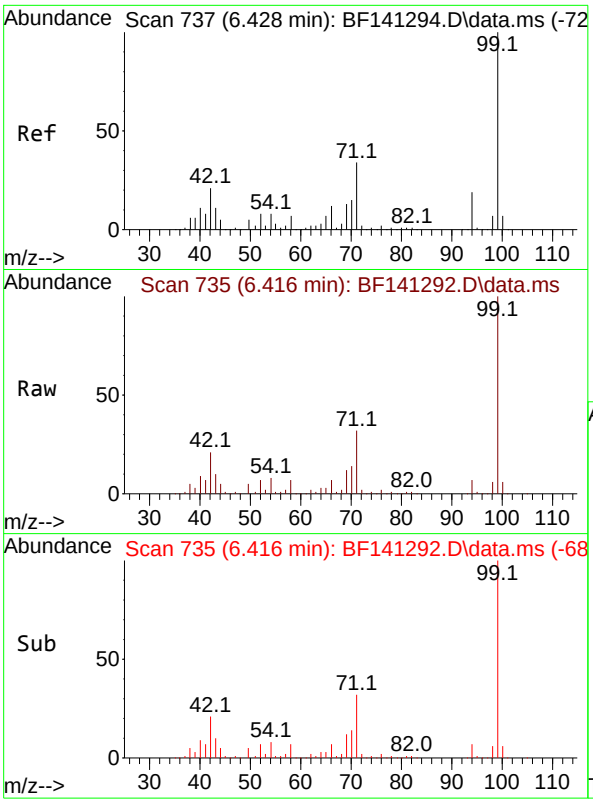


#6
Aniline
Concen: 10.968 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 99872

Ion	Ratio	Lower	Upper
93	100		
66	41.7	32.5	48.7
65	21.0	17.0	25.6

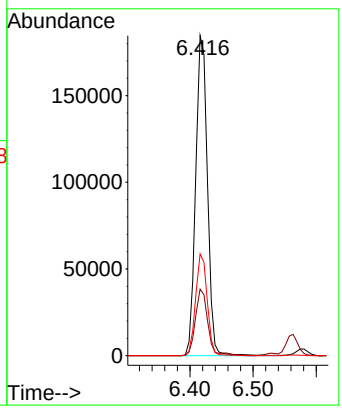




#7
Phenol-d6
Concen: 21.836 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 99 Resp: 23790

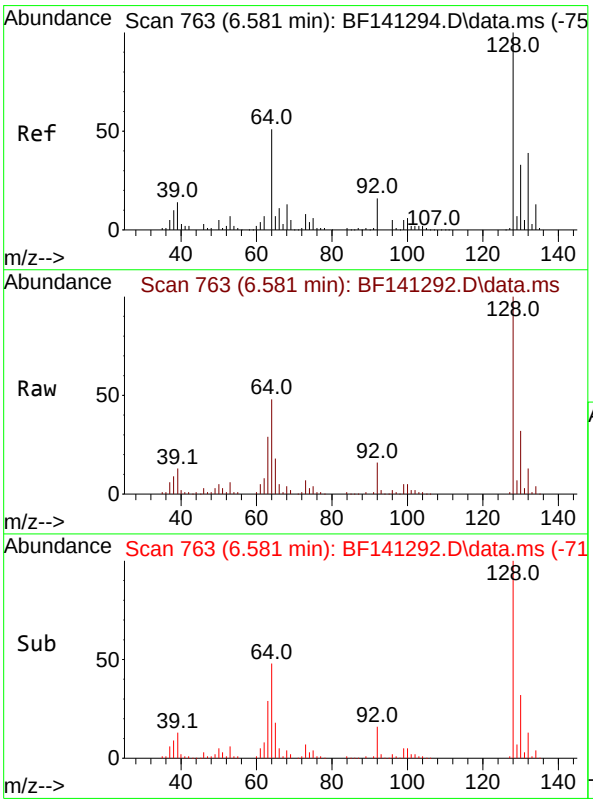
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.1	25.7
71	31.8	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

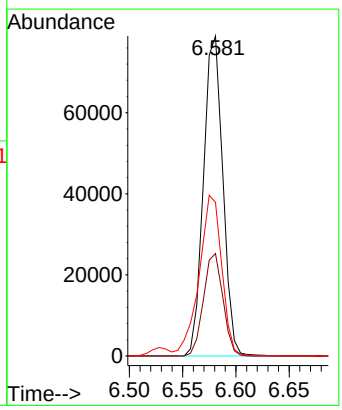
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

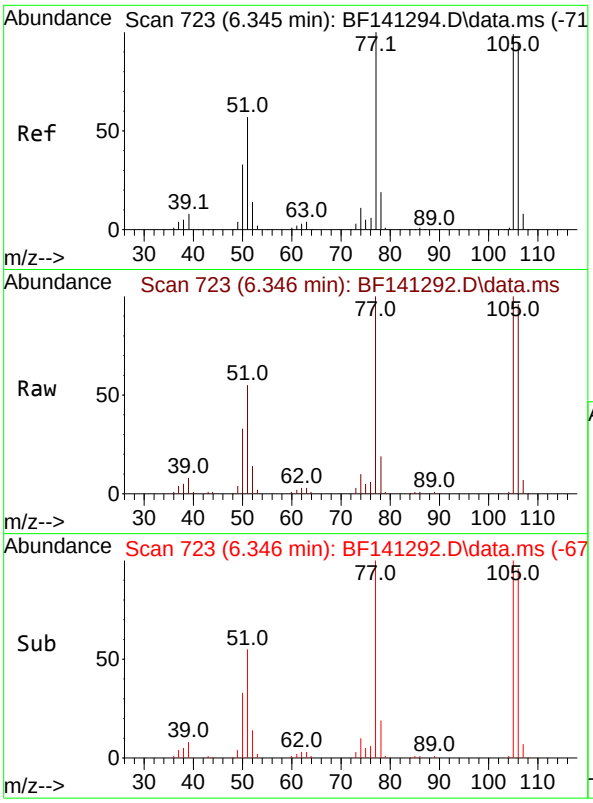


#8
2-Chlorophenol
Concen: 10.871 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:128 Resp: 99805

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	48.0	32.9	72.9

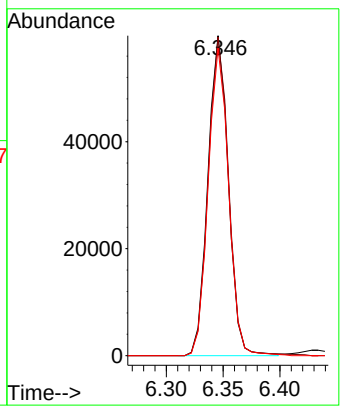




#9
Benzaldehyde
Concen: 11.803 ng
RT: 6.346 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 77 Resp: 7467

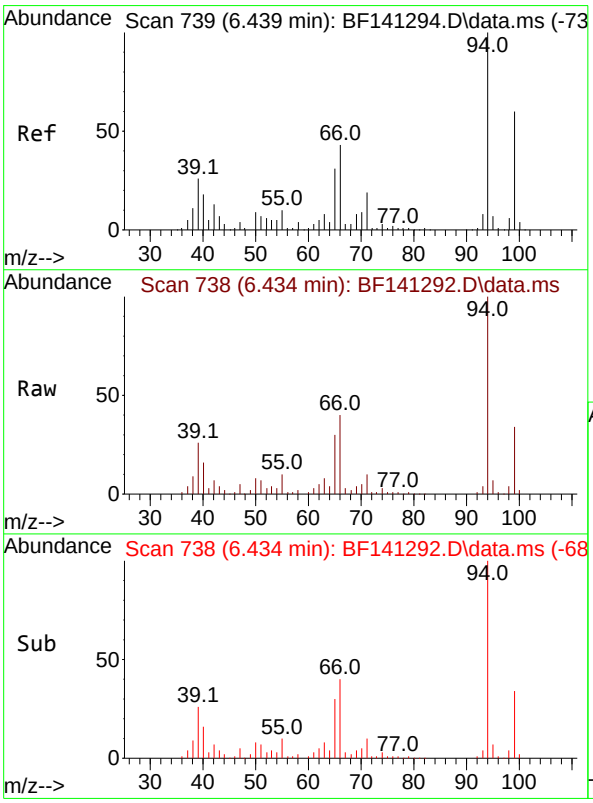
Ion	Ratio	Lower	Upper
77	100		
105	99.6	79.4	119.4
106	96.1	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

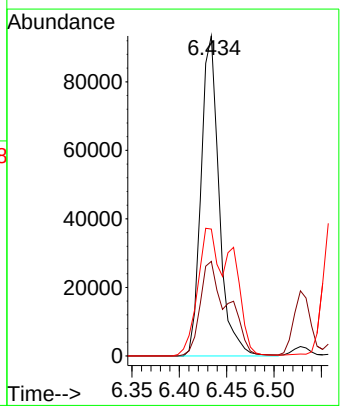
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

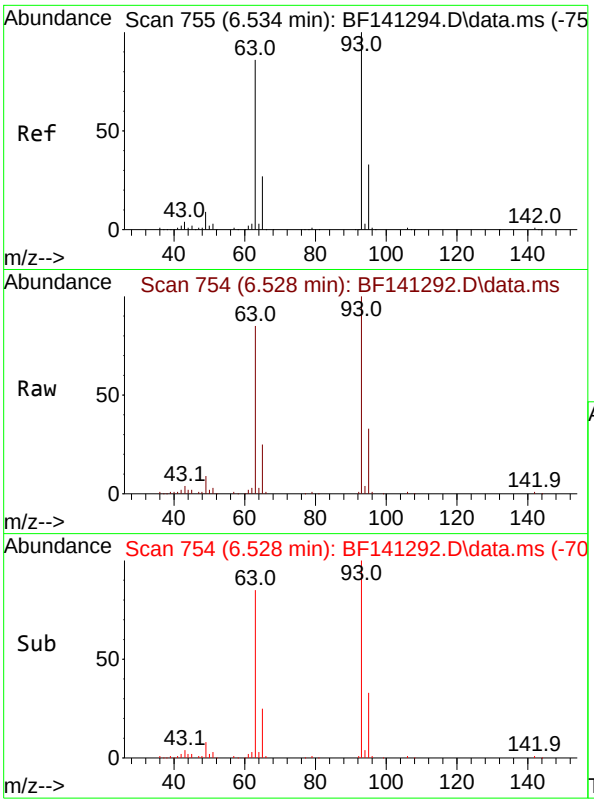


#10
Phenol
Concen: 10.775 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 94 Resp: 124196

Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.8	50.8
66	39.7	23.3	63.3

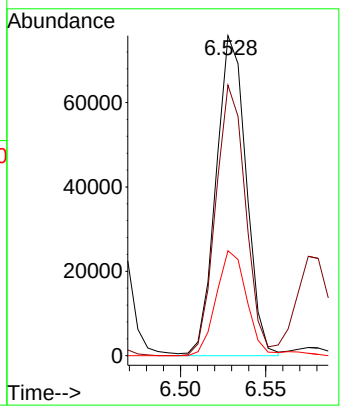




#11
bis(2-Chloroethyl)ether
Concen: 10.533 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 9336

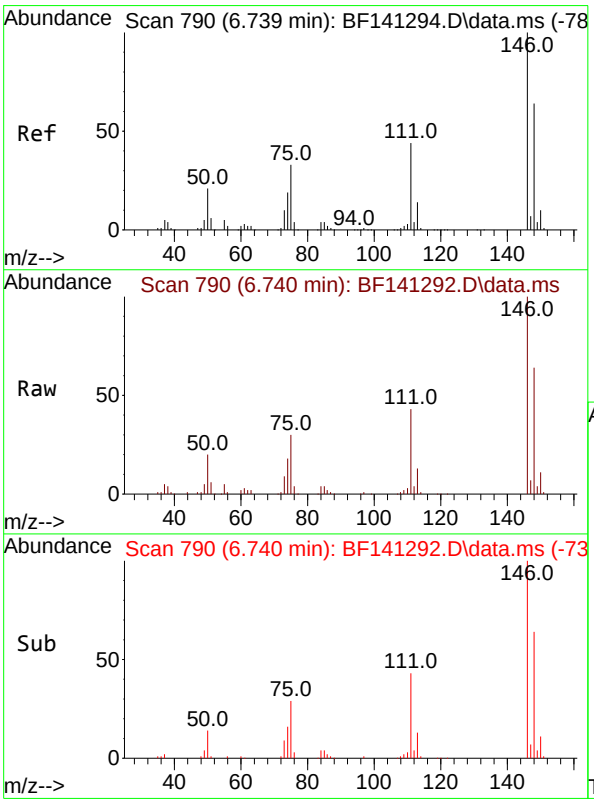
Ion	Ratio	Lower	Upper
93	100		
63	84.6	65.0	105.0
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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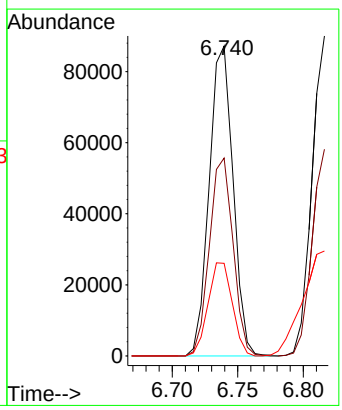
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

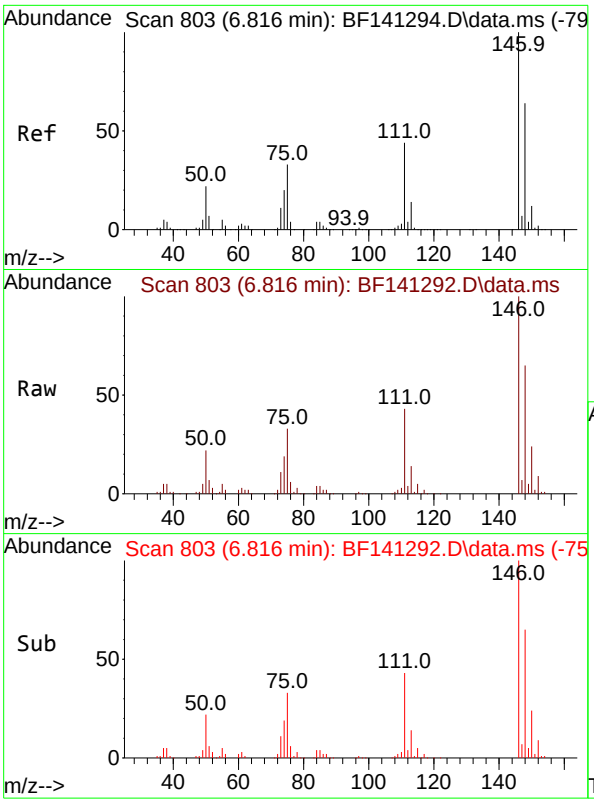


#12
1,3-Dichlorobenzene
Concen: 10.891 ng
RT: 6.740 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 110278

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
75	29.9	26.2	39.4

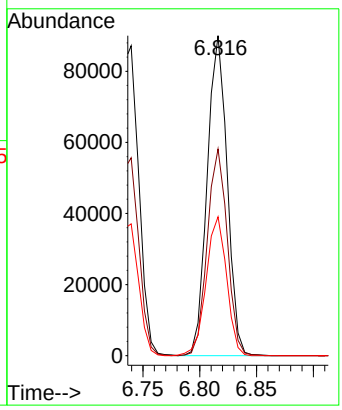




#13
1,4-Dichlorobenzene
Concen: 10.784 ng
RT: 6.816 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 10995

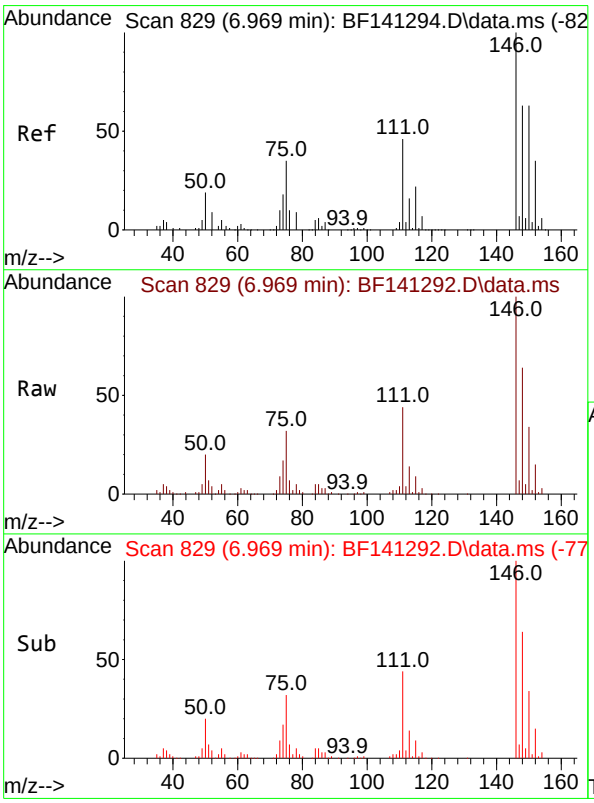
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	43.4	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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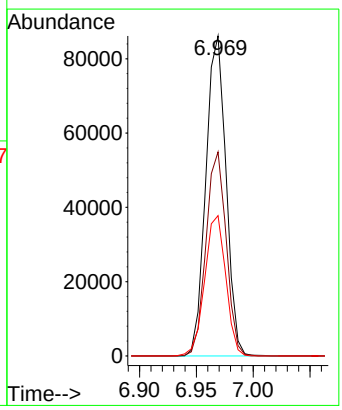
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

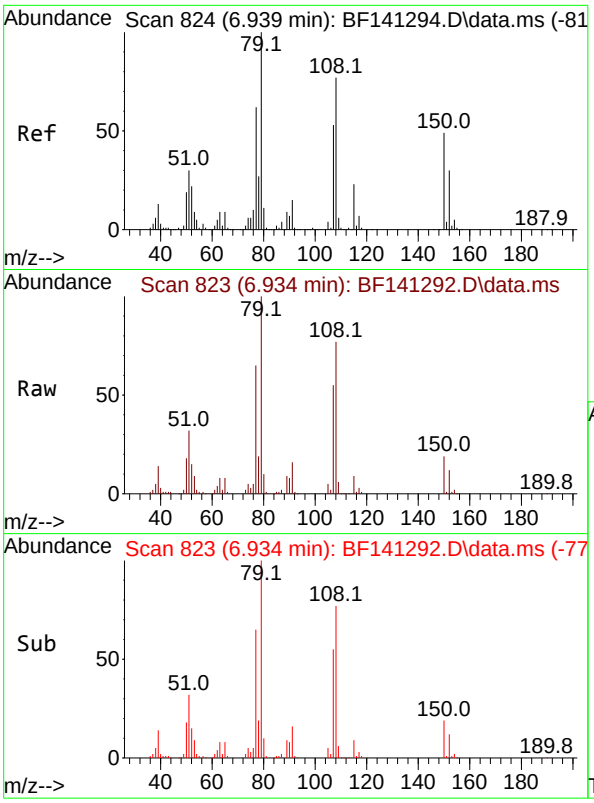


#14
1,2-Dichlorobenzene
Concen: 11.160 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 106335

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	43.8	36.6	55.0





#15
Benzyl Alcohol
Concen: 10.665 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

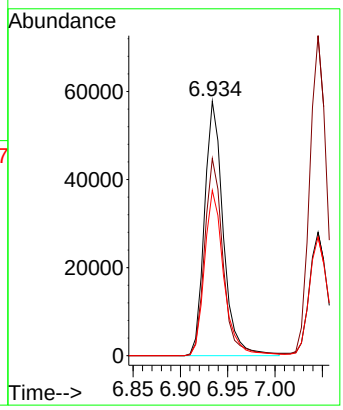
Tgt Ion: 79 Resp: 7937

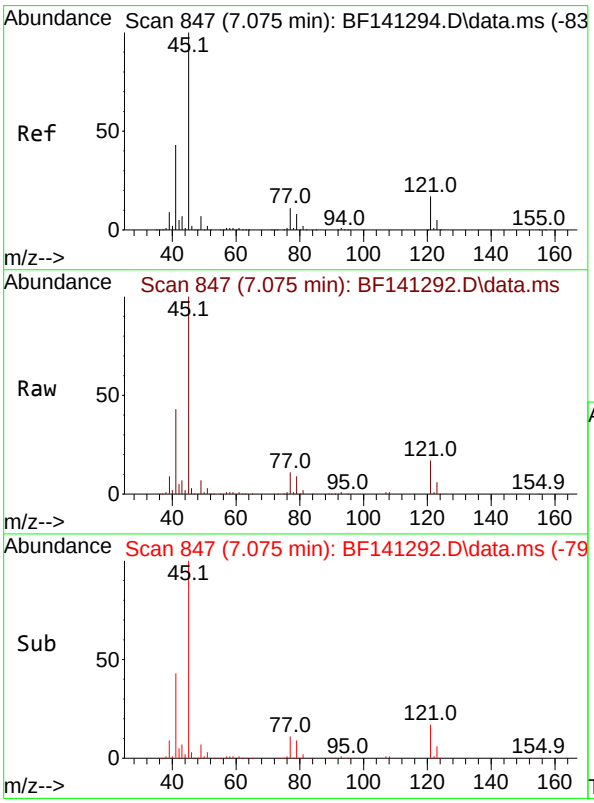
Ion	Ratio	Lower	Upper
79	100		
108	77.5	61.4	92.0
77	65.0	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

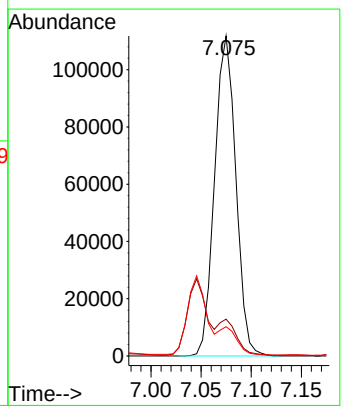


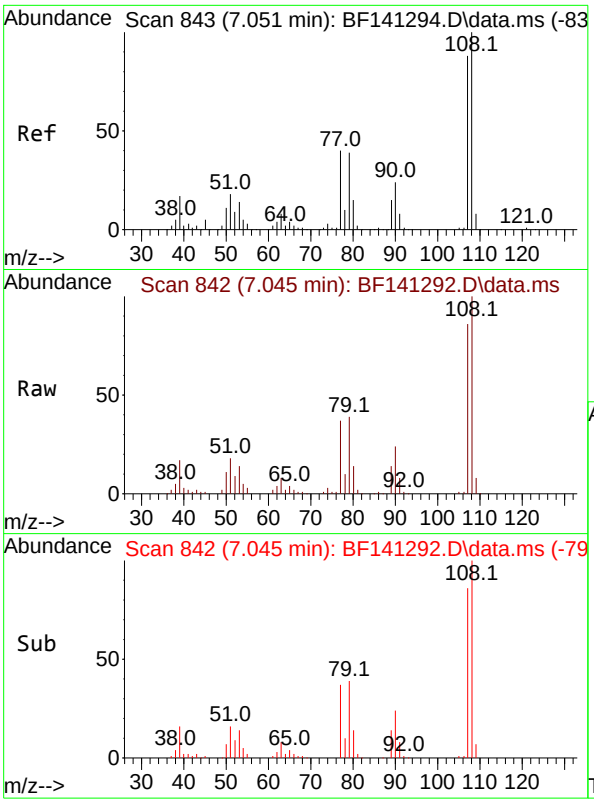


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.661 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 45 Resp: 164185

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.8
79	9.2	0.0	29.1

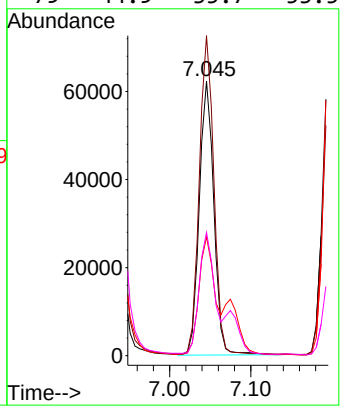




#17
2-Methylphenol
Concen: 10.446 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 7764

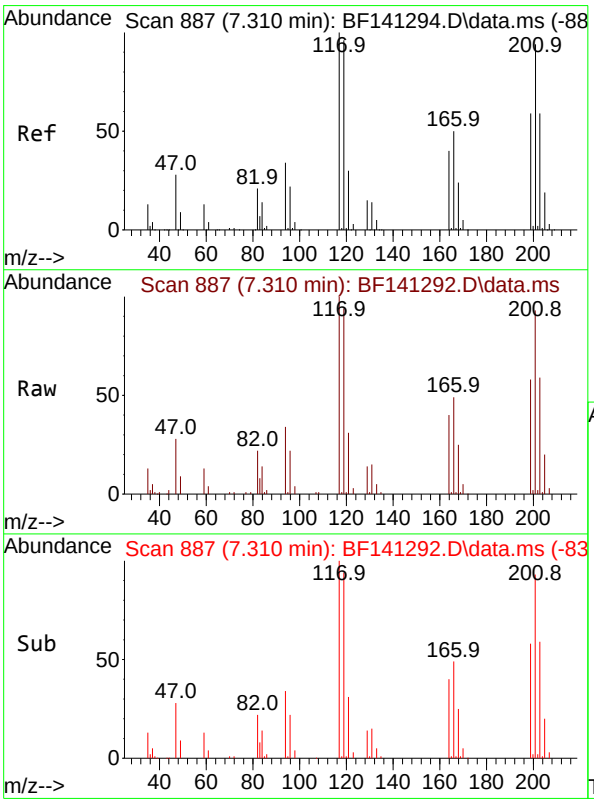
Ion	Ratio	Lower	Upper
107	100		
108	116.6	90.8	136.2
77	43.3	36.2	54.4
79	44.9	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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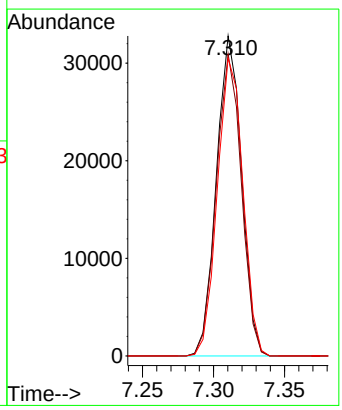
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

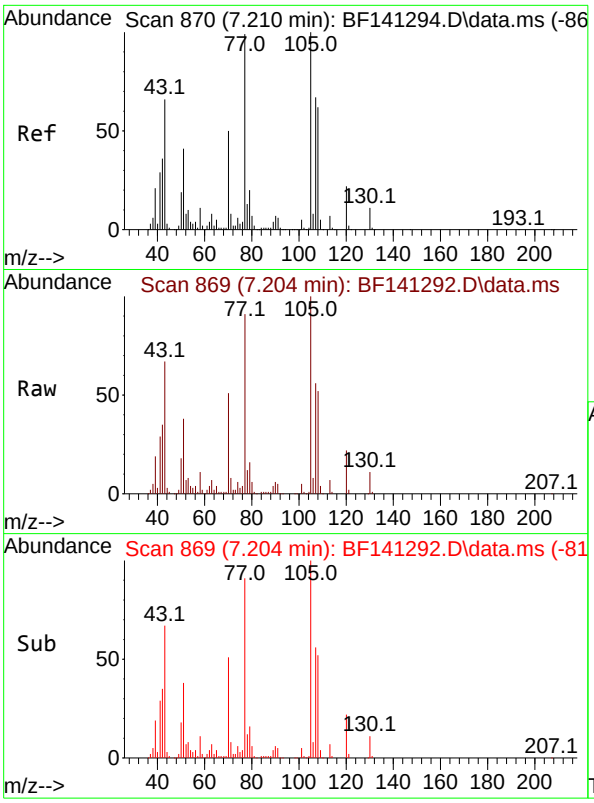


#18
Hexachloroethane
Concen: 10.721 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:117 Resp: 40445

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	114.8
201	93.1	74.8	112.2

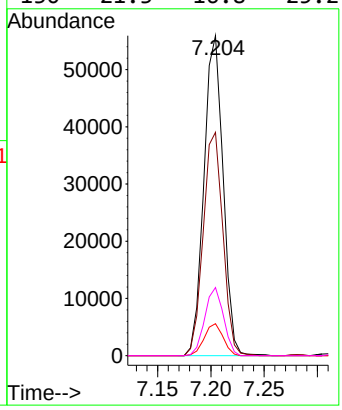




#19
n-Nitroso-di-n-propylamine
Concen: 10.815 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 70 Resp: 7007

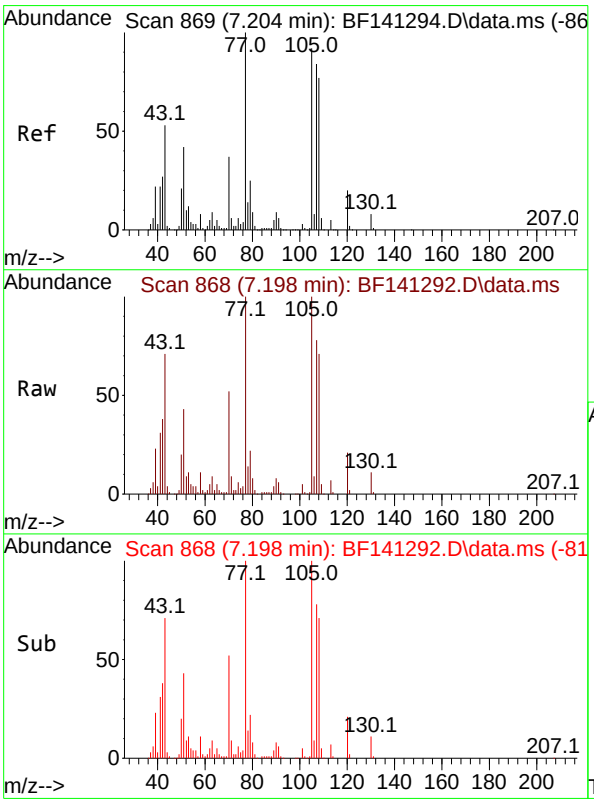
Ion	Ratio	Lower	Upper
70	100		
42	69.8	56.8	85.2
101	10.0	7.7	11.5
130	21.3	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

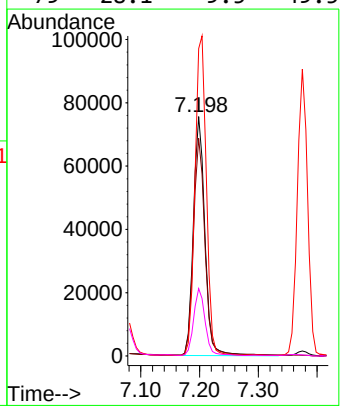
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

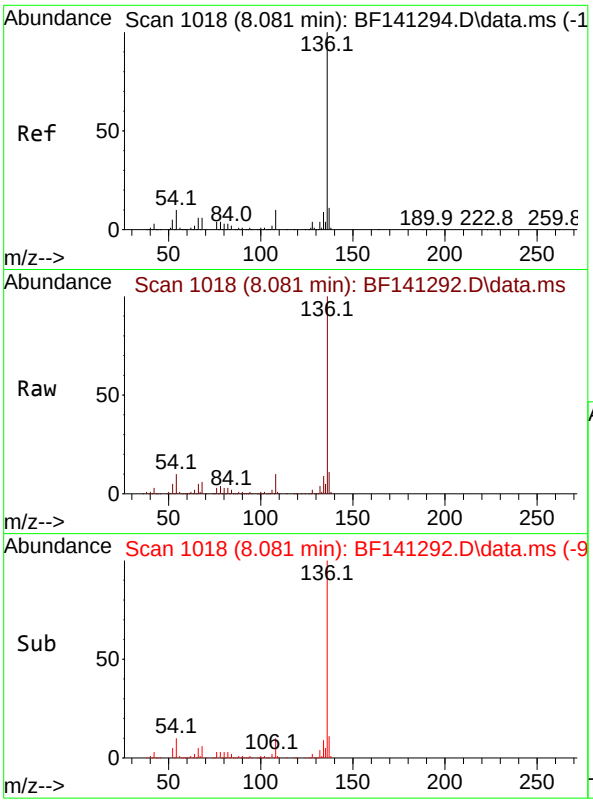


#20
3+4-Methylphenols
Concen: 11.310 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 103360

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.9	110.9
77	128.4	98.5	138.5
79	28.1	9.5	49.5

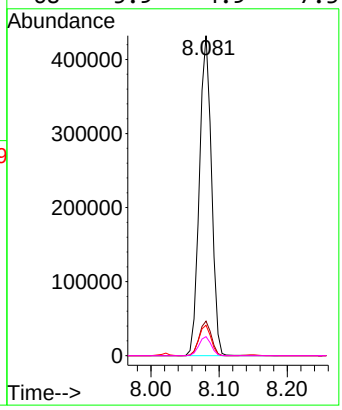




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:136 Resp: 53332

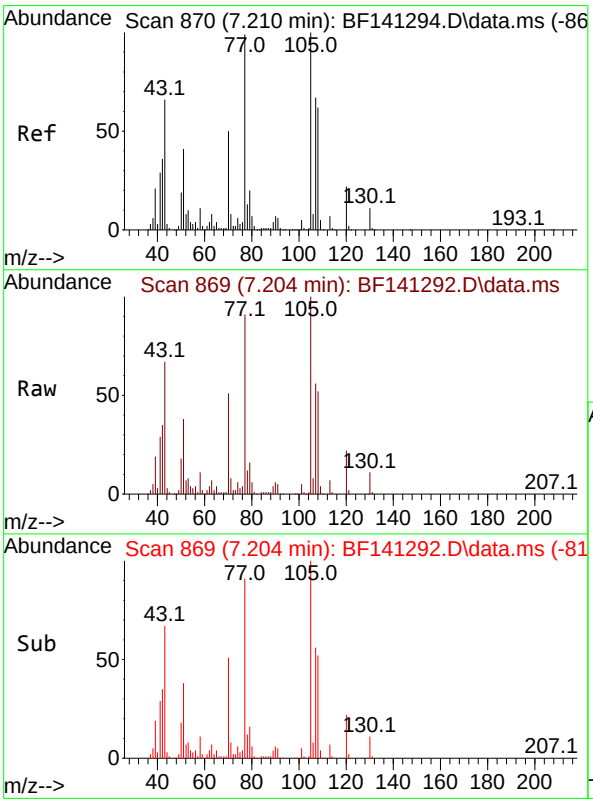
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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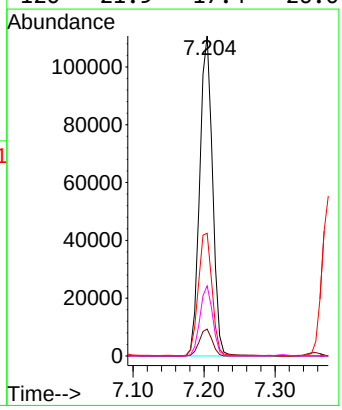
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

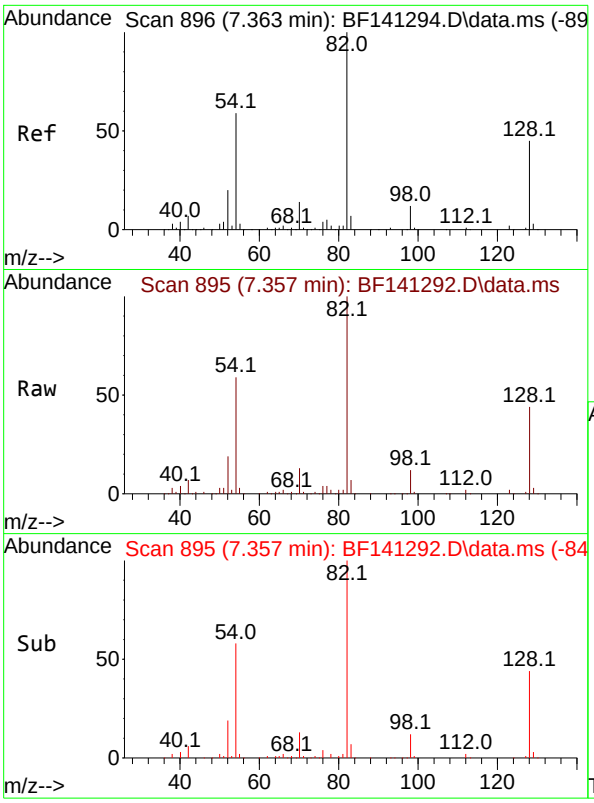


#22
Acetophenone
Concen: 11.036 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:105 Resp: 139527

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.8	10.2
51	38.3	32.6	49.0
120	21.9	17.4	26.0

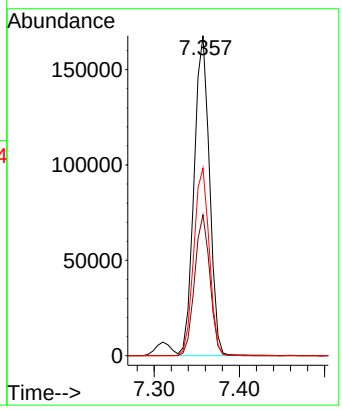




#23
Nitrobenzene-d5
Concen: 20.937 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 82 Resp: 21104

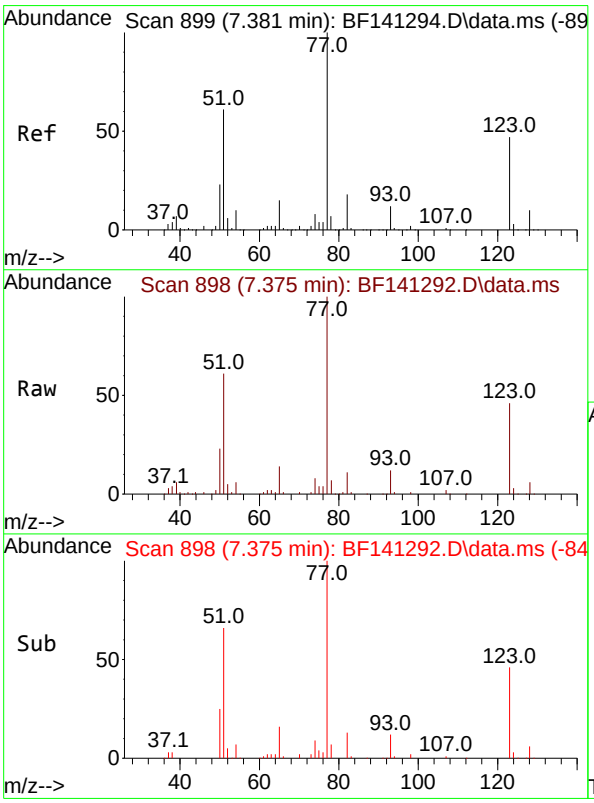
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	58.7	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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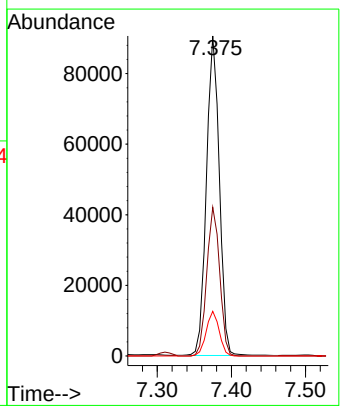
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

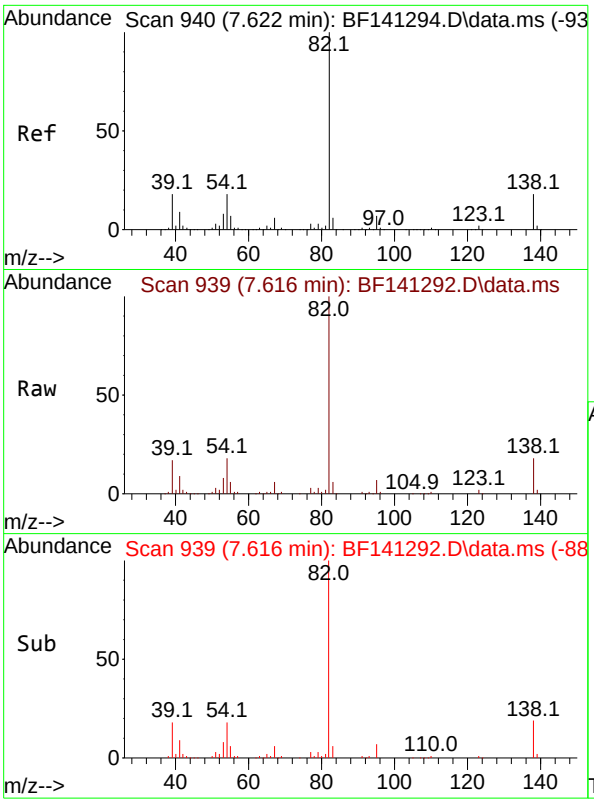


#24
Nitrobenzene
Concen: 10.474 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 77 Resp: 109497

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.3	55.9
65	14.0	11.8	17.6

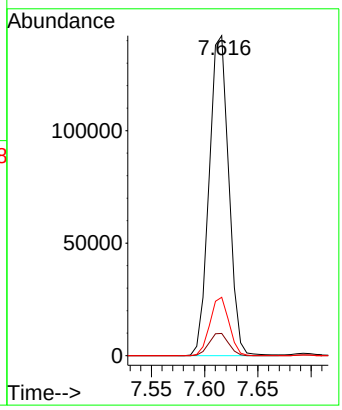




#25
Isophorone
Concen: 10.480 ng
RT: 7.616 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 82 Resp: 18256

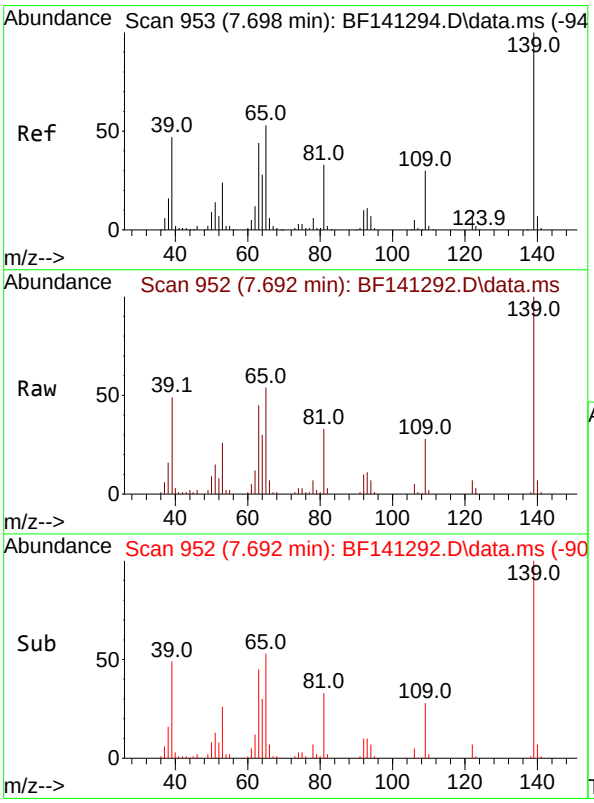
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.2	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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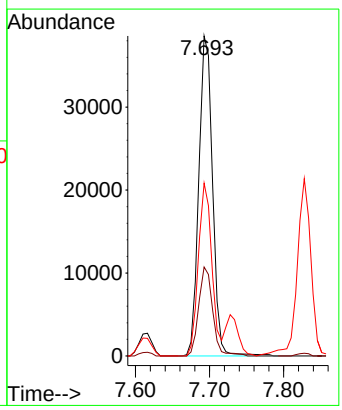
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

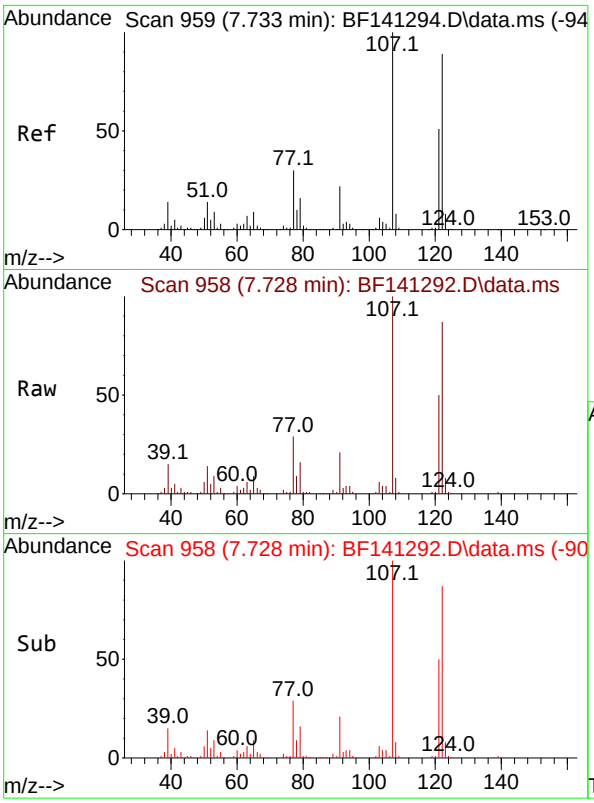


#26
2-Nitrophenol
Concen: 10.167 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 49783

Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.8	35.6
65	54.0	42.2	63.4

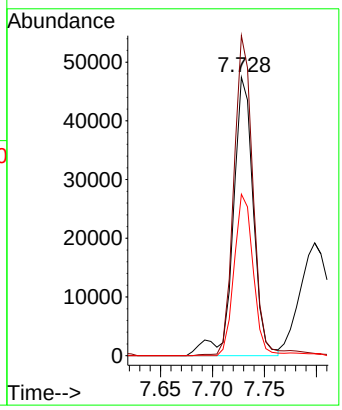




#27
2,4-Dimethylphenol
Concen: 10.177 ng m
RT: 7.728 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:122 Resp: 6368

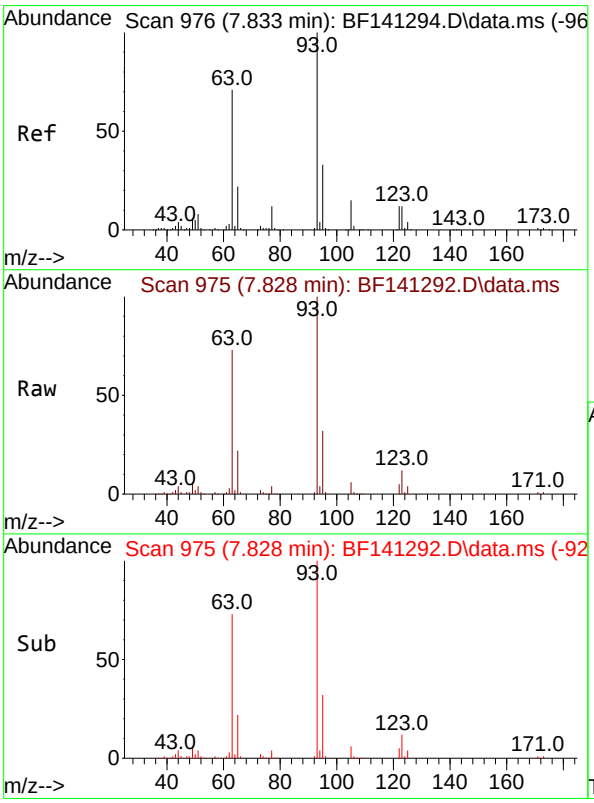
Ion	Ratio	Lower	Upper
122	100		
107	114.9	89.9	134.9
121	58.0	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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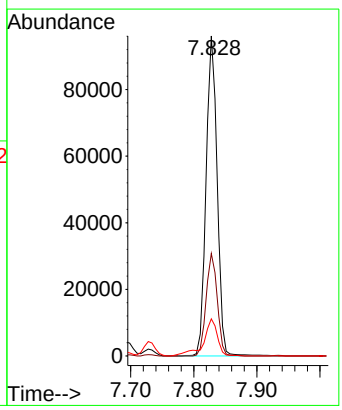
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

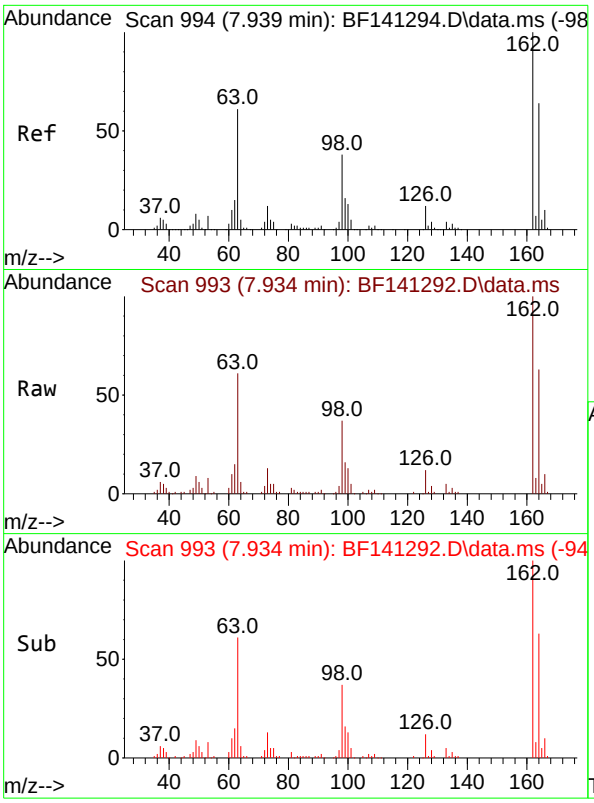


#28
bis(2-Chloroethoxy)methane
Concen: 10.561 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 117232

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.6	10.2	15.4

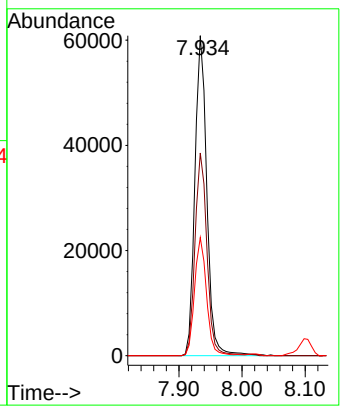




#29
2,4-Dichlorophenol
Concen: 10.457 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:162 Resp: 7994

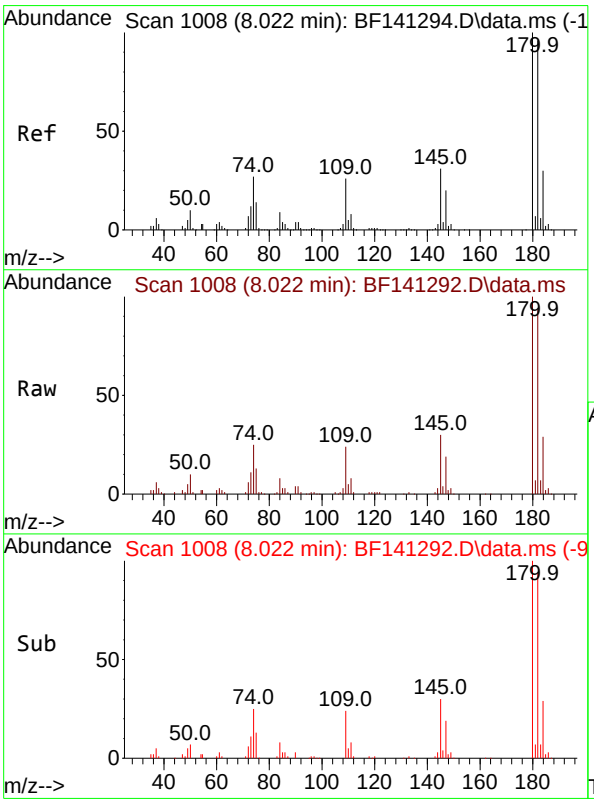
Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.2	84.2
98	36.9	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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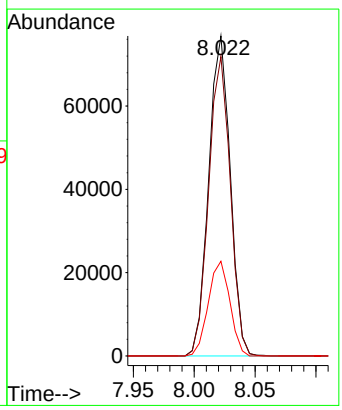
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

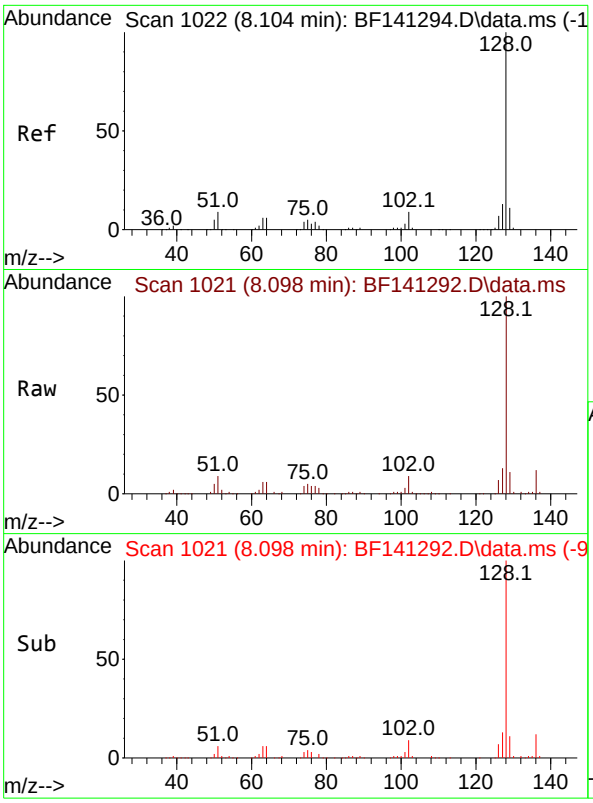


#30
1,2,4-Trichlorobenzene
Concen: 10.767 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:180 Resp: 94419

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	29.6	24.9	37.3

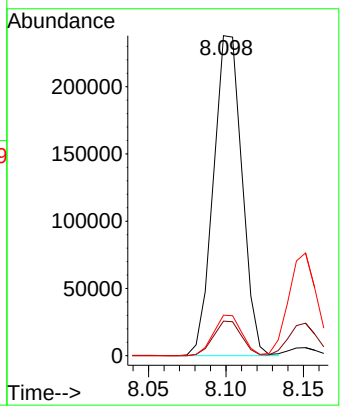




#31
Naphthalene
Concen: 10.887 ng
RT: 8.098 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:128 Resp: 30538(

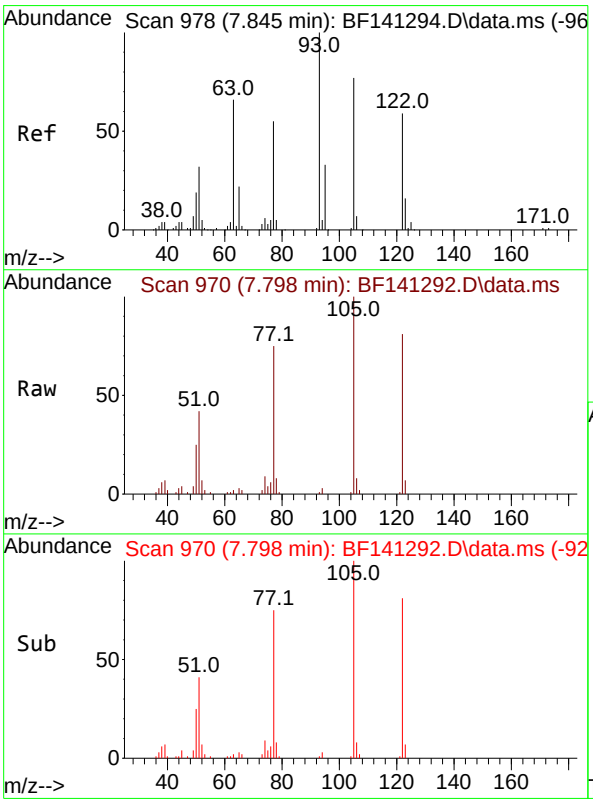
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.7	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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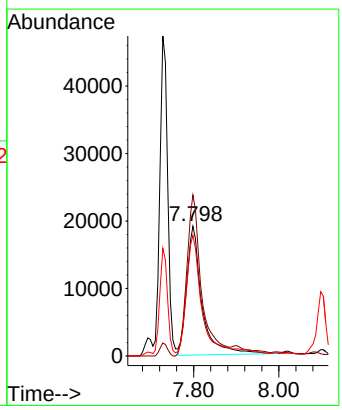
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

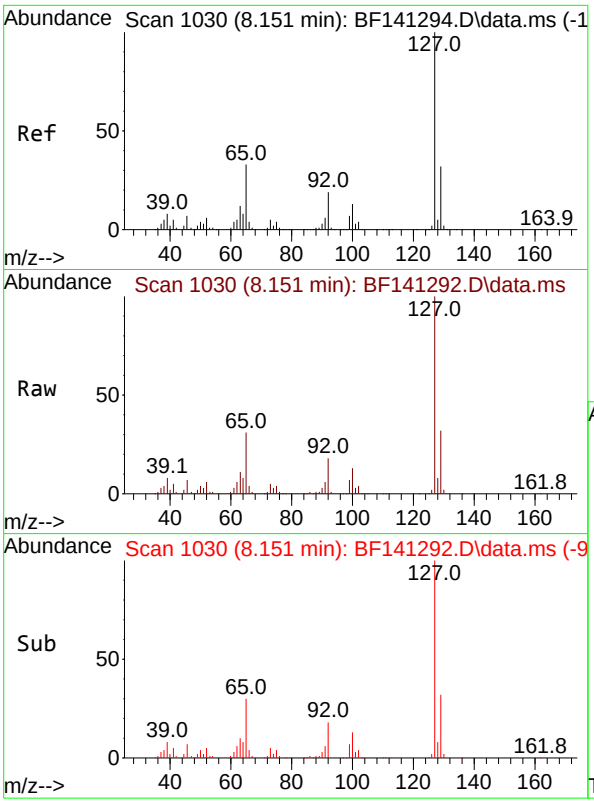


#32
Benzoic acid
Concen: 8.367 ng
RT: 7.798 min Scan# 970
Delta R.T. -0.047 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:122 Resp: 47549

Ion	Ratio	Lower	Upper
122	100		
105	124.1	103.4	143.4
77	93.0	70.9	110.9

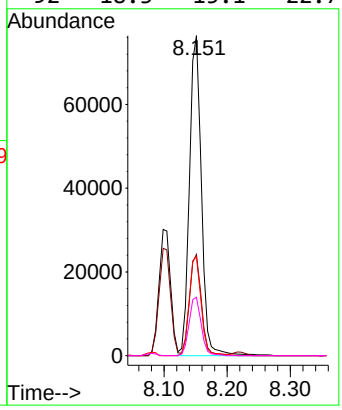




#33
4-Chloroaniline
Concen: 10.703 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:127 Resp: 10085

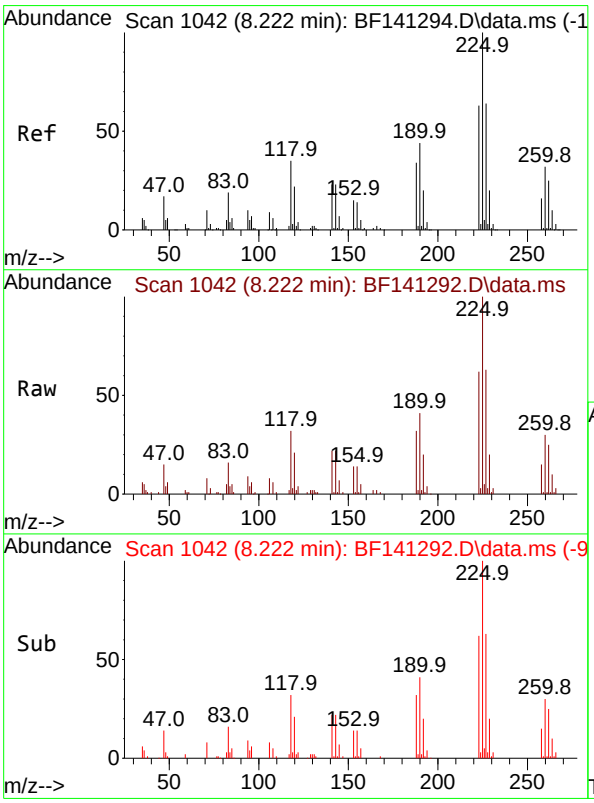
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.9	26.4	39.6
92	18.3	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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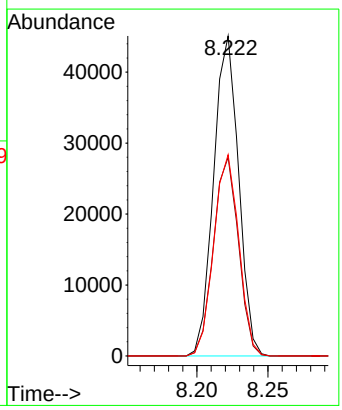
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

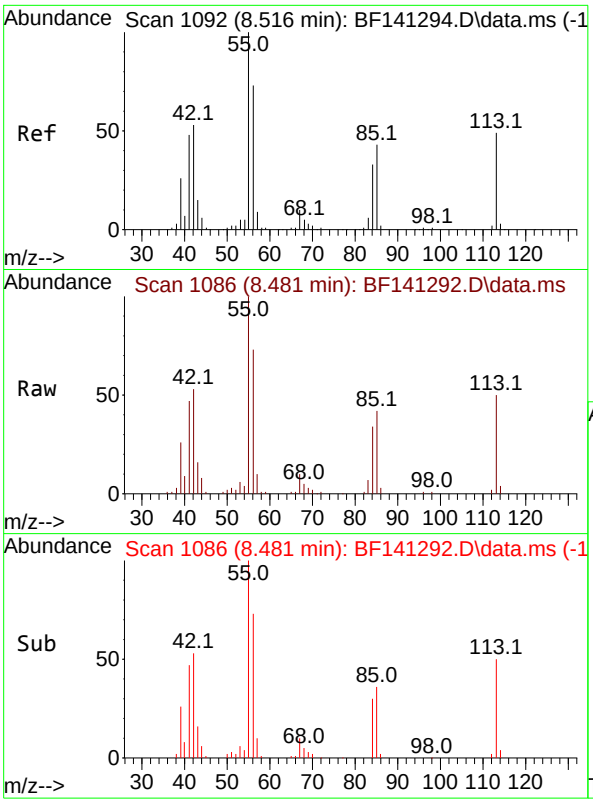


#34
Hexachlorobutadiene
Concen: 10.736 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:225 Resp: 55103

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.9	51.3	76.9





#35
Caprolactam
Concen: 10.256 ng
RT: 8.481 min Scan# 1
Delta R.T. -0.035 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

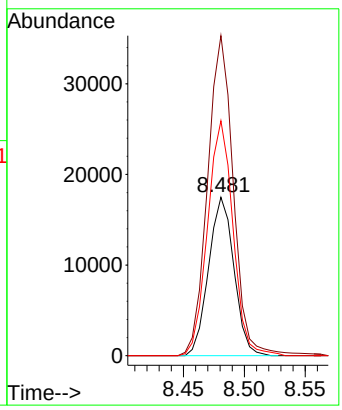
Tgt Ion:113 Resp: 2536

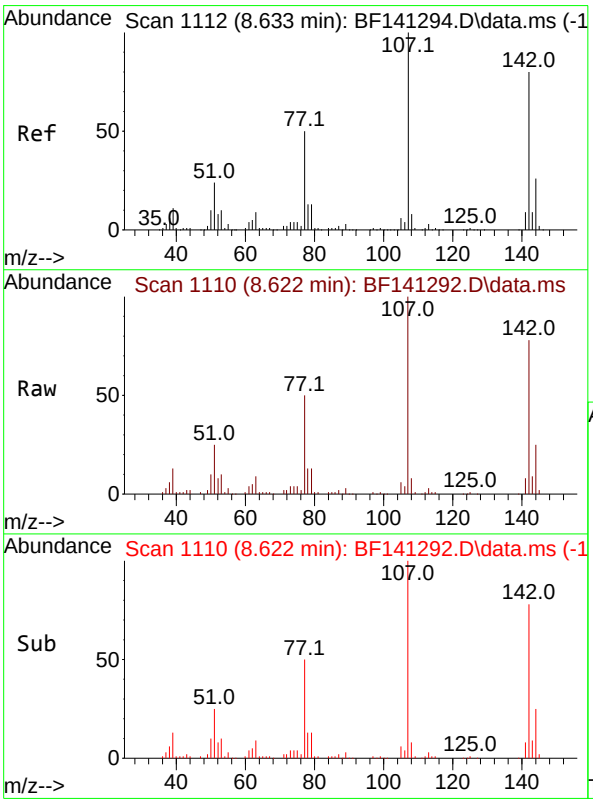
Ion	Ratio	Lower	Upper
113	100		
55	201.9	182.9	222.9
56	148.2	127.9	167.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

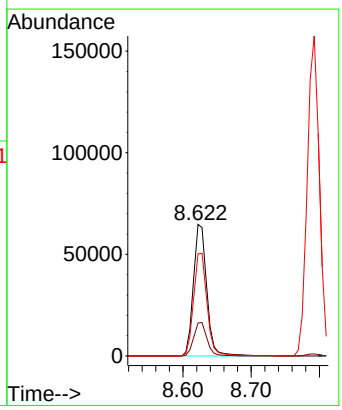


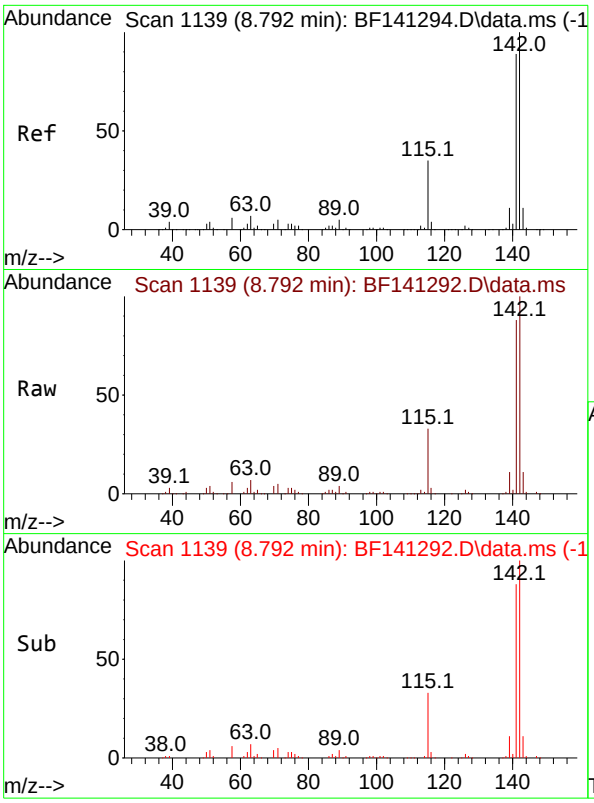


#36
4-Chloro-3-methylphenol
Concen: 10.674 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 87592

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.7	31.1
142	77.6	63.8	95.8

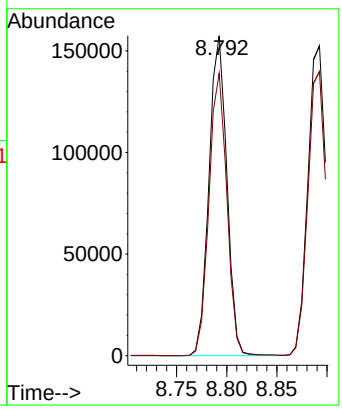




#37
2-Methylnaphthalene
Concen: 10.925 ng
RT: 8.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:142 Resp: 19516

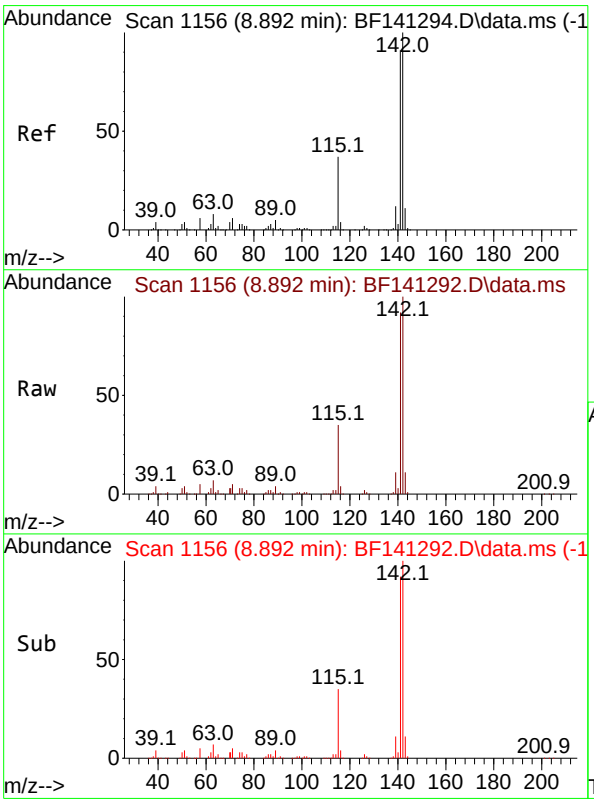
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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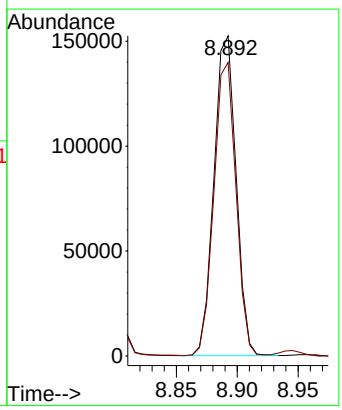
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

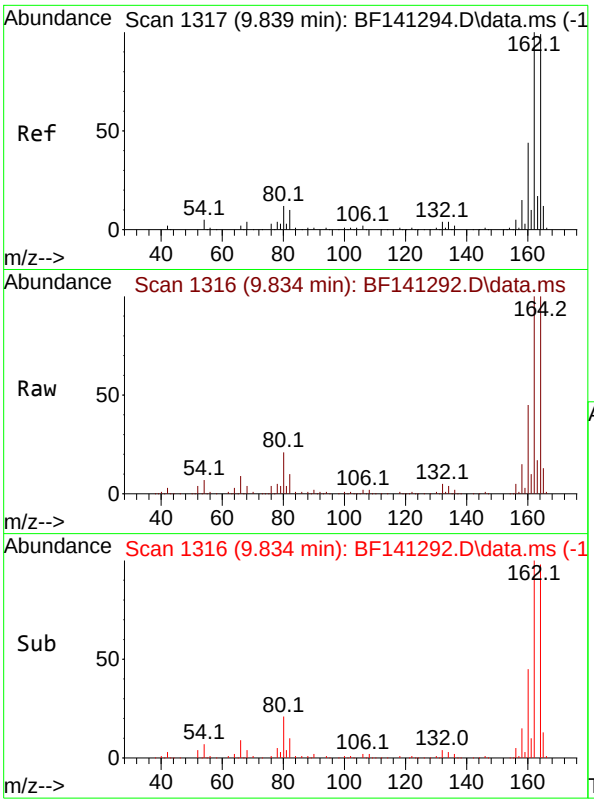


#38
1-Methylnaphthalene
Concen: 11.022 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:142 Resp: 192861

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8

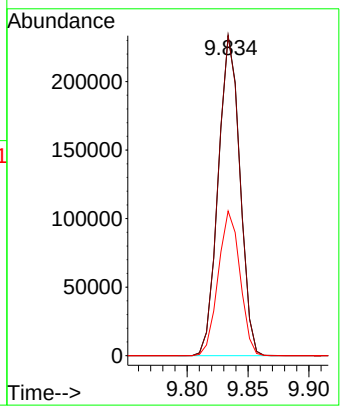




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:164 Resp: 28955

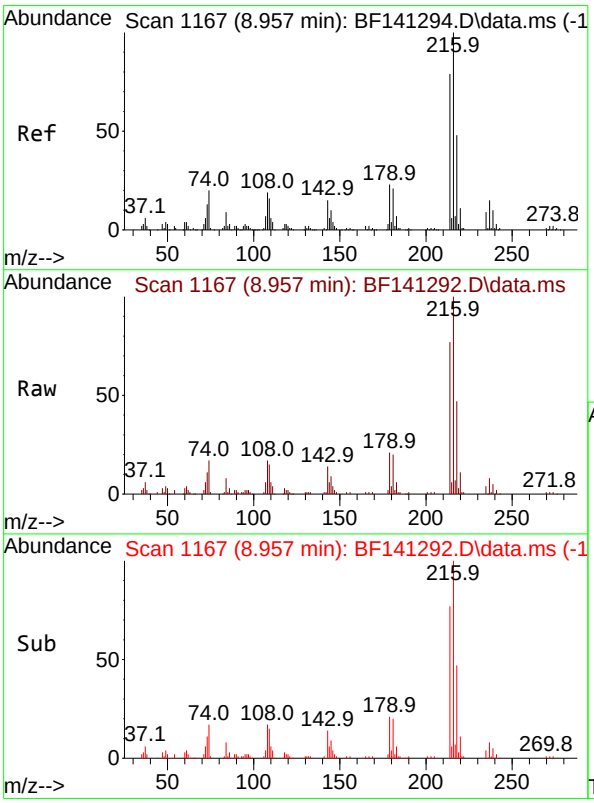
Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.2	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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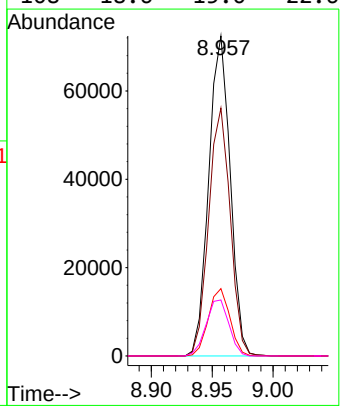
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

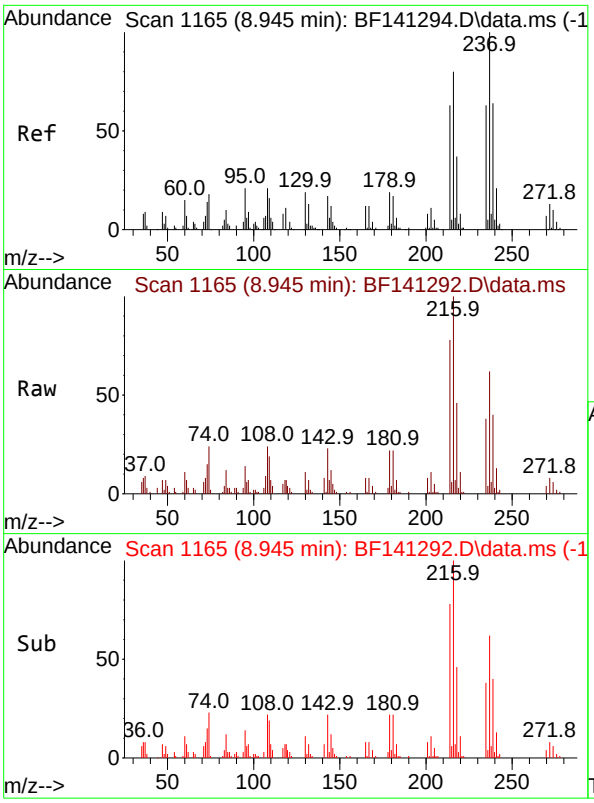


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.775 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:216 Resp: 88710

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.2	94.8
179	21.1	17.8	26.8
108	18.6	15.0	22.6

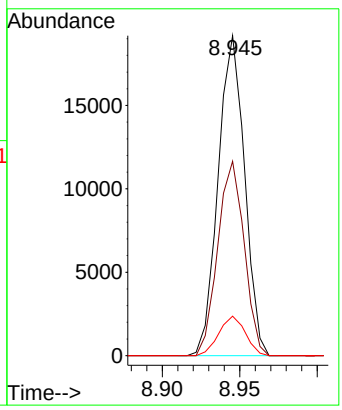




#41
Hexachlorocyclopentadiene
Concen: 9.212 ng
RT: 8.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:237 Resp: 2275

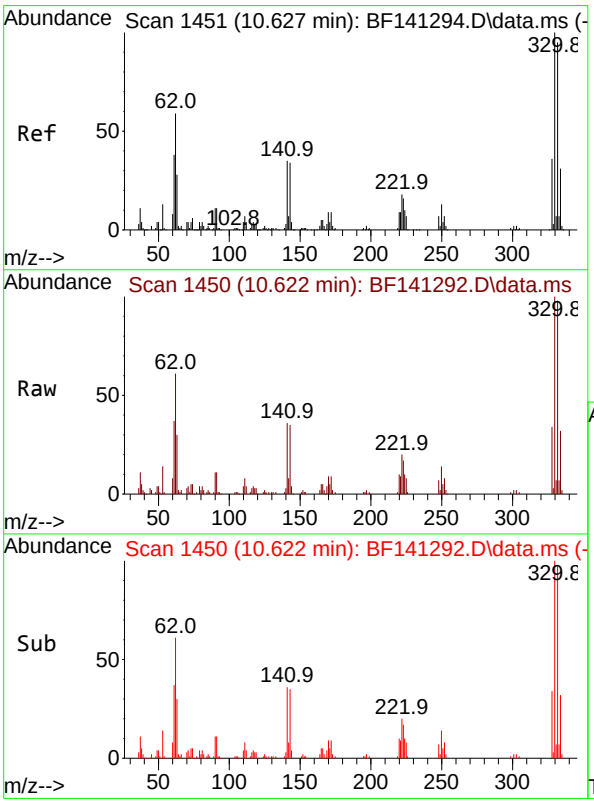
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.9	82.9
272	12.3	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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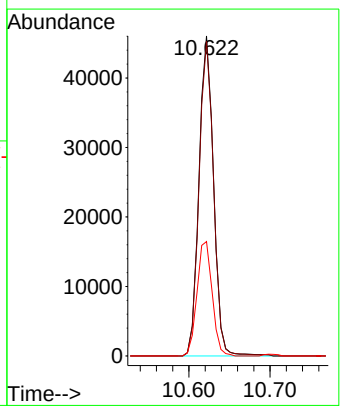
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

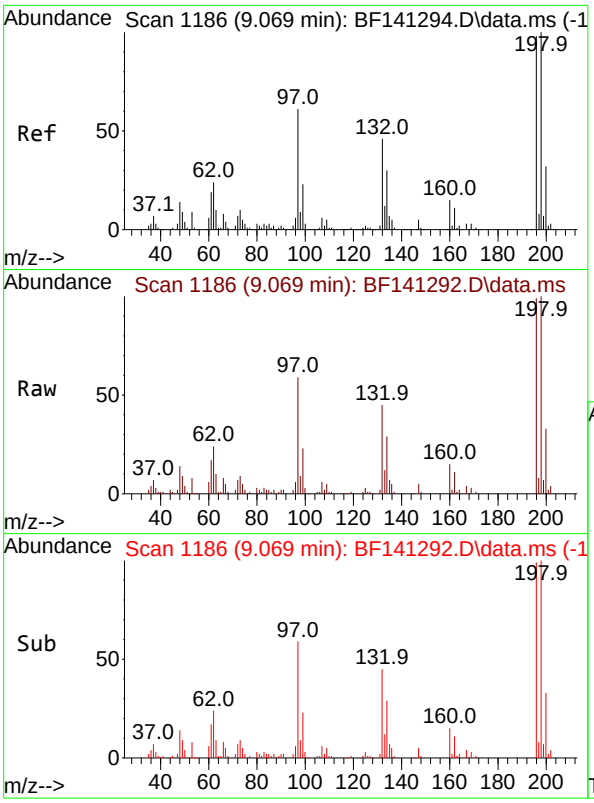


#42
2,4,6-Tribromophenol
Concen: 21.761 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:330 Resp: 57417

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.1	114.1
141	37.3	28.8	43.2

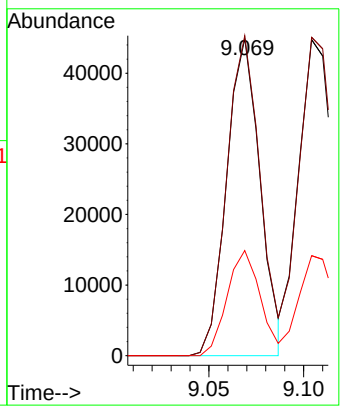




#43
2,4,6-Trichlorophenol
Concen: 10.241 ng
RT: 9.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:196 Resp: 5503

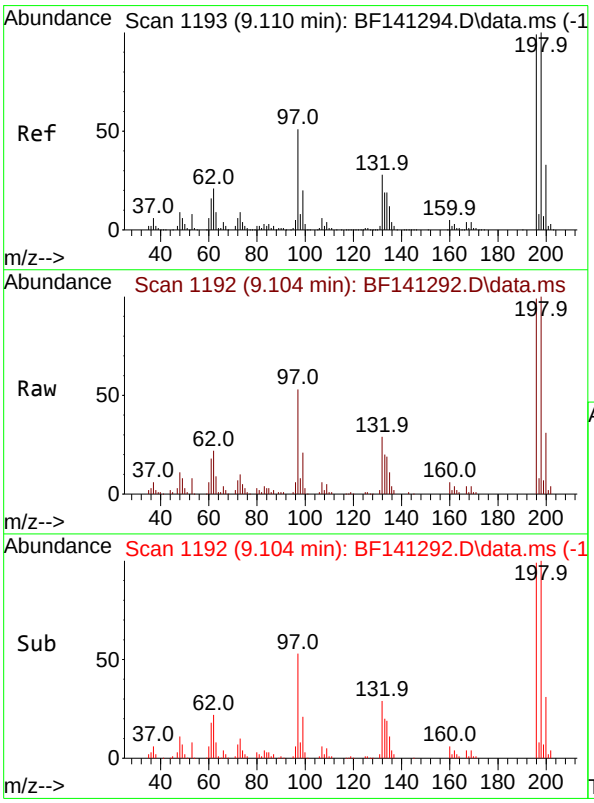
Ion	Ratio	Lower	Upper
196	100		
198	101.0	81.8	122.6
200	33.2	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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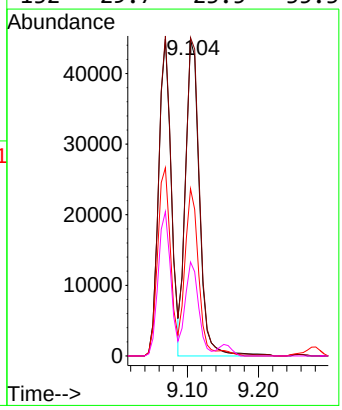
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

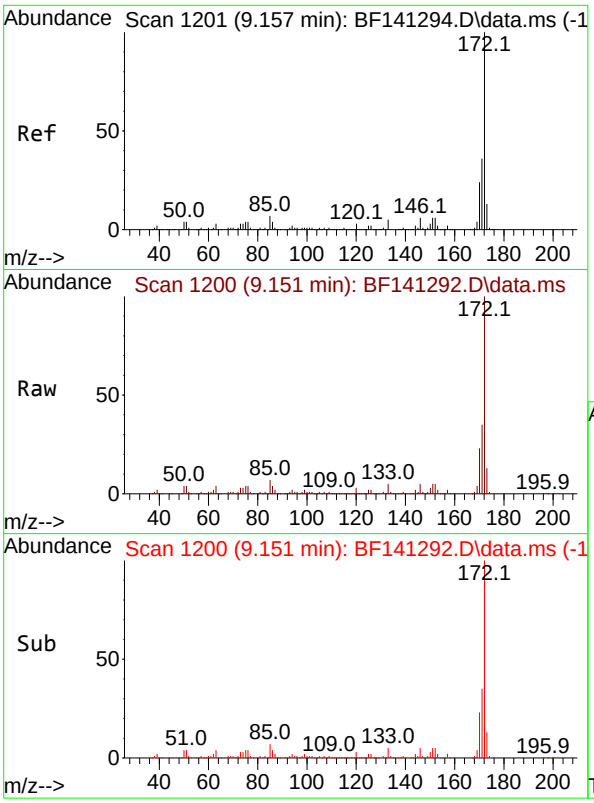


#44
2,4,5-Trichlorophenol
Concen: 10.518 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:196 Resp: 61493

Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.5	120.7
97	52.9	42.8	64.2
132	29.7	23.5	35.3

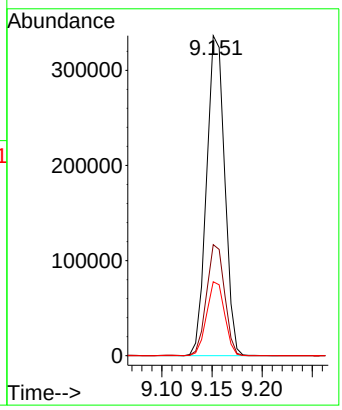




#45
2-Fluorobiphenyl
Concen: 22.581 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:172 Resp: 42385

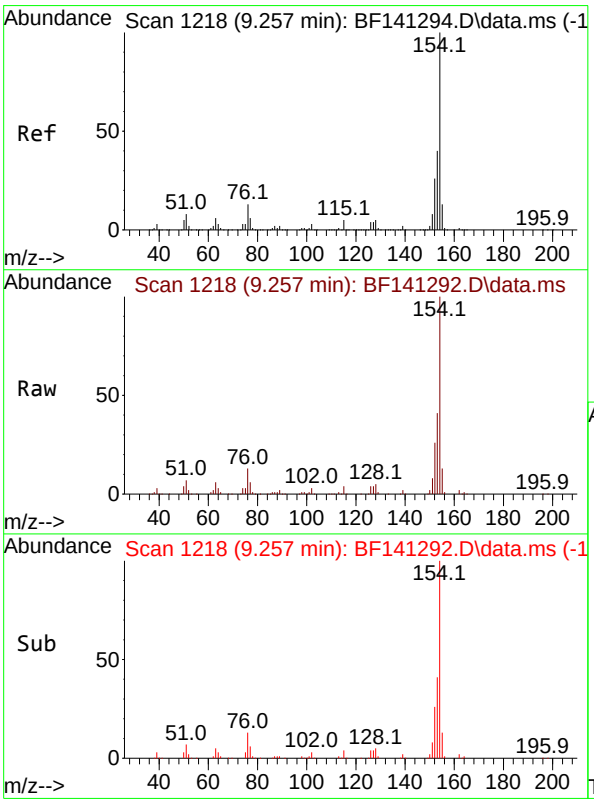
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.1	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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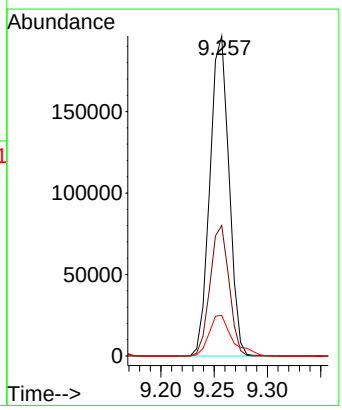
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

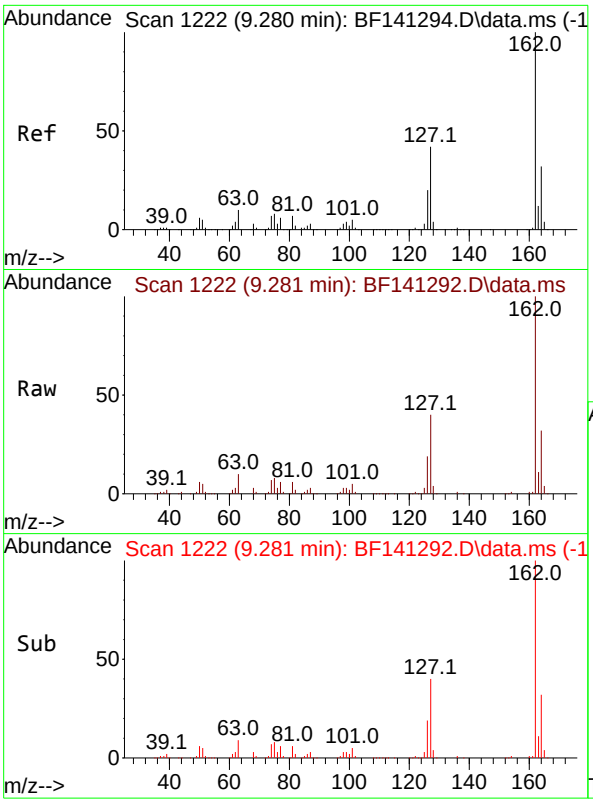


#46
1,1'-Biphenyl
Concen: 10.847 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 245028

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	12.7	0.0	32.8

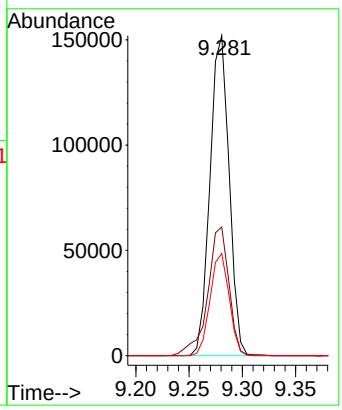




#47
2-Chloronaphthalene
Concen: 10.812 ng
RT: 9.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:162 Resp: 189709

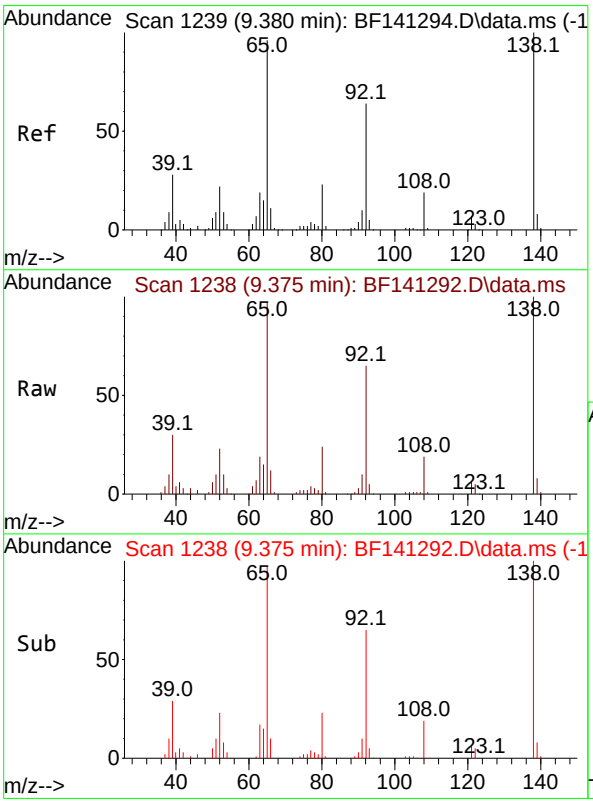
Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.7	50.5
164	31.9	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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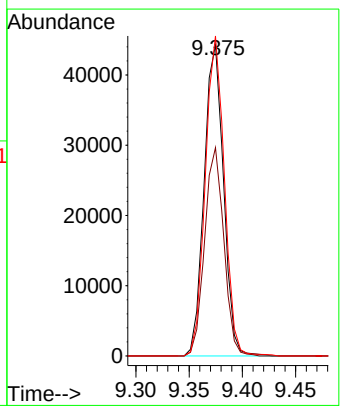
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

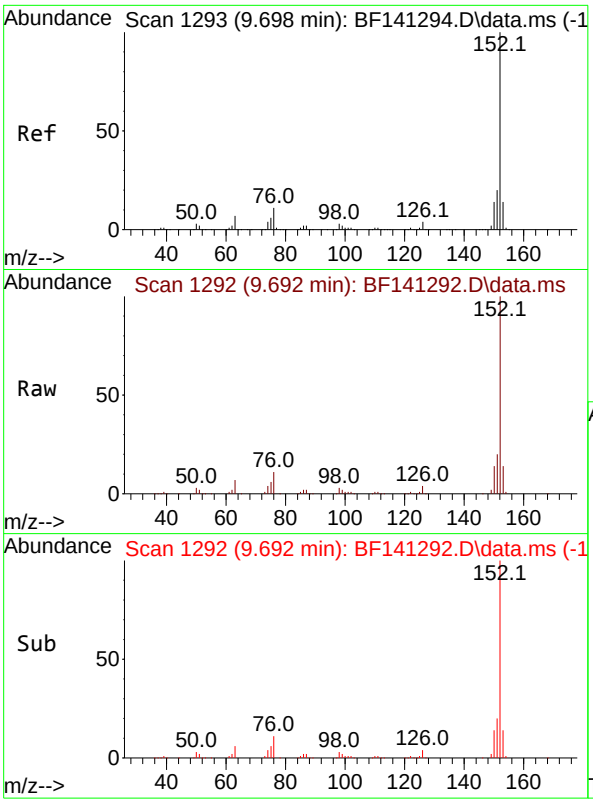


#48
2-Nitroaniline
Concen: 10.164 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 65 Resp: 56247

Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.3	79.9
138	102.9	83.6	125.4

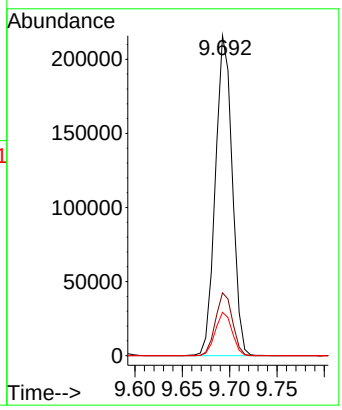




#49
Acenaphthylene
Concen: 10.895 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:152 Resp: 26847

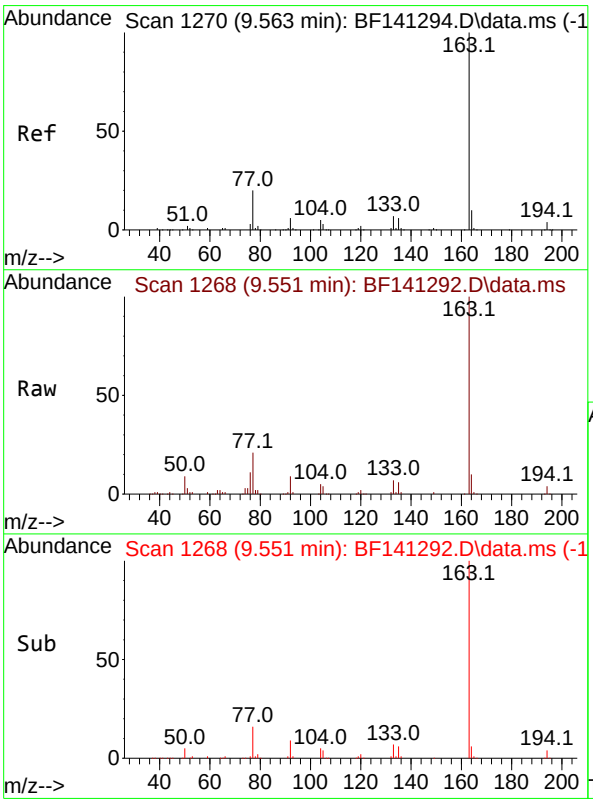
Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.6	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

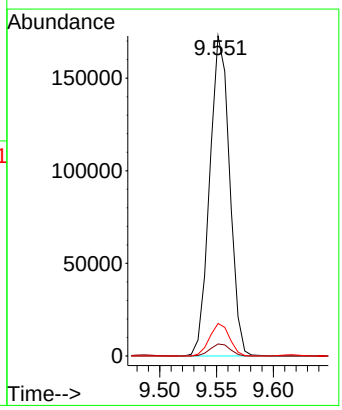
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

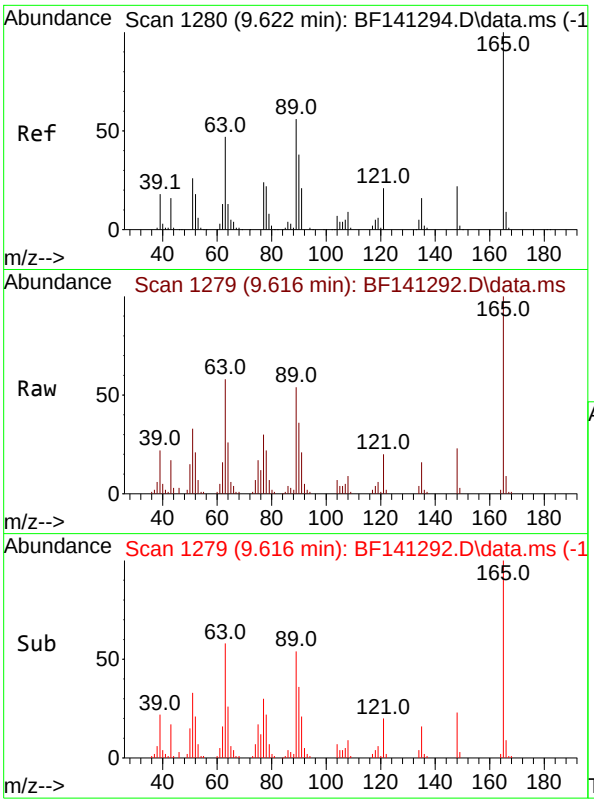


#50
Dimethylphthalate
Concen: 10.857 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:163 Resp: 210816

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.0	12.0

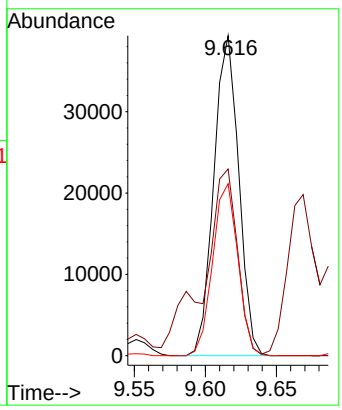




#51
2,6-Dinitrotoluene
Concen: 10.613 ng
RT: 9.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:165 Resp: 4795

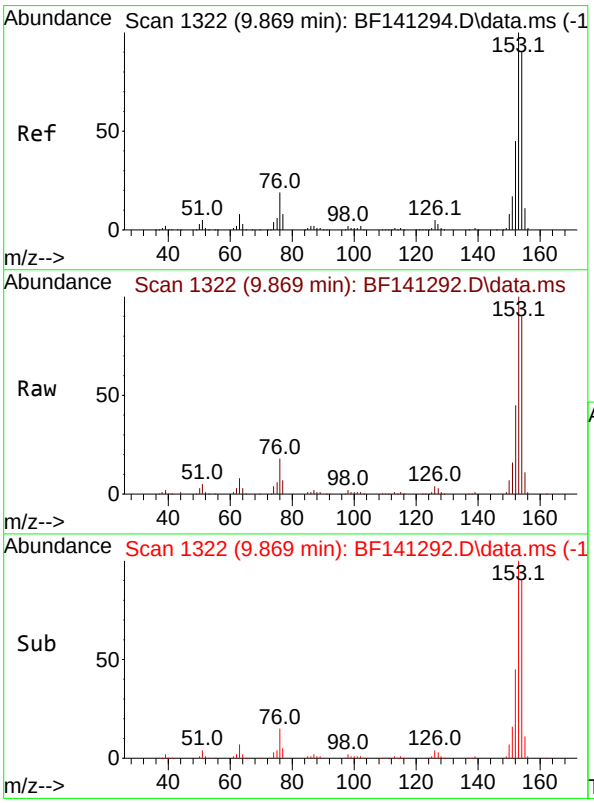
Ion	Ratio	Lower	Upper
165	100		
63	58.3	48.1	72.1
89	53.7	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

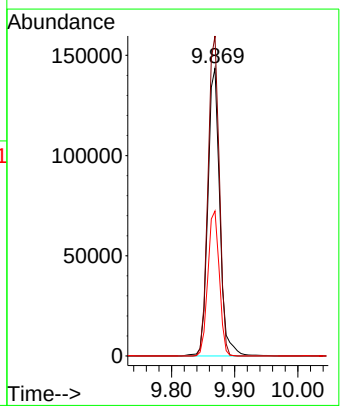
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

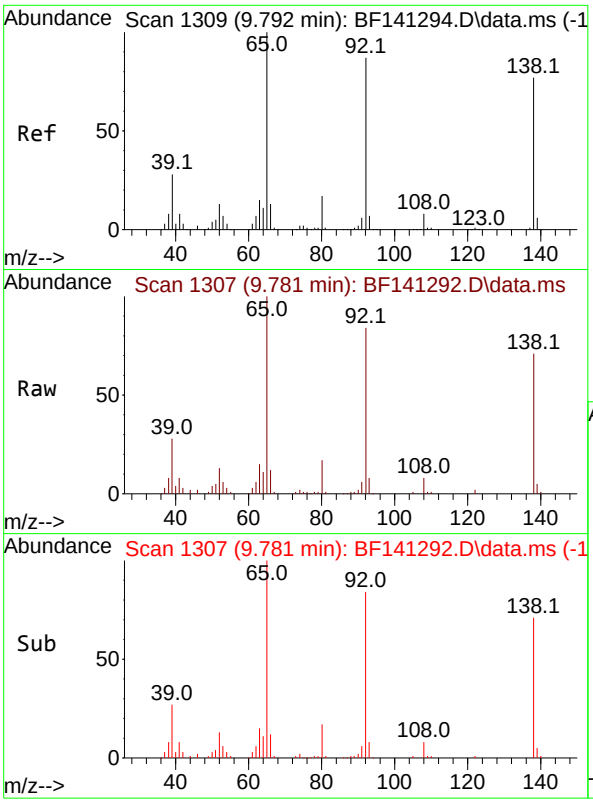


#52
Acenaphthene
Concen: 10.738 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 188283

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	50.4	40.2	60.4

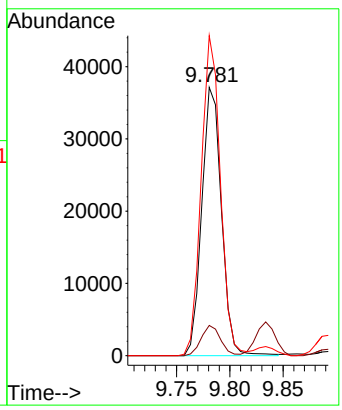




#53
3-Nitroaniline
Concen: 10.699 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:138 Resp: 4781

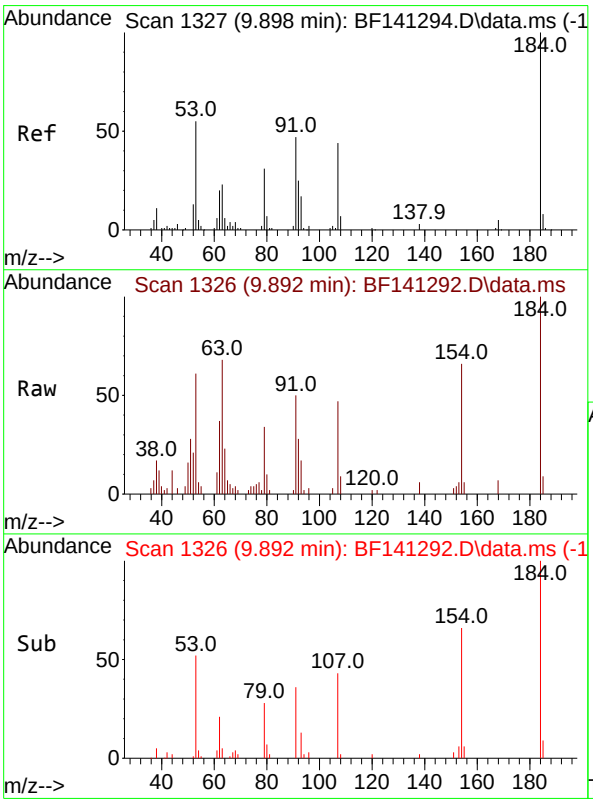
Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	12.8
92	119.2	91.0	136.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

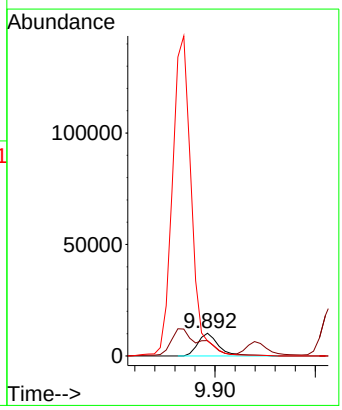
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

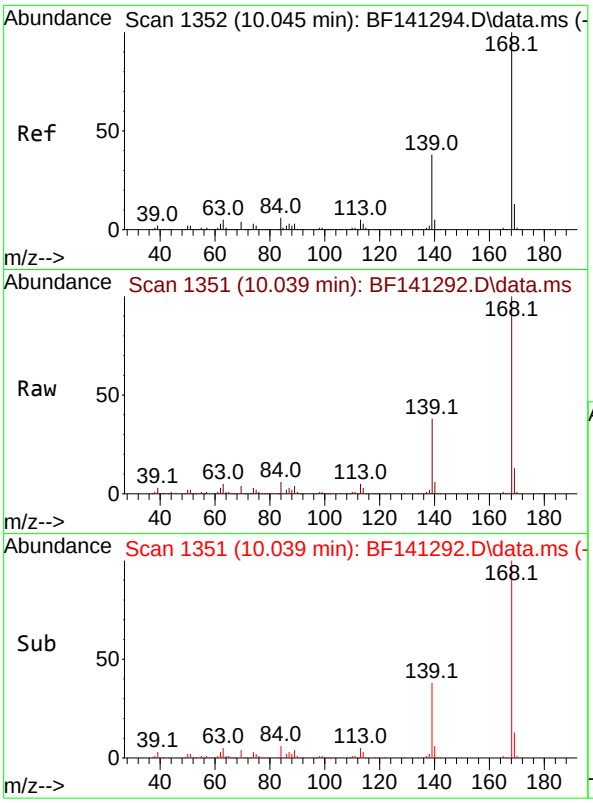


#54
2,4-Dinitrophenol
Concen: 6.925 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:184 Resp: 14749

Ion	Ratio	Lower	Upper
184	100		
63	67.9	54.1	81.1
154	66.2	50.7	76.1

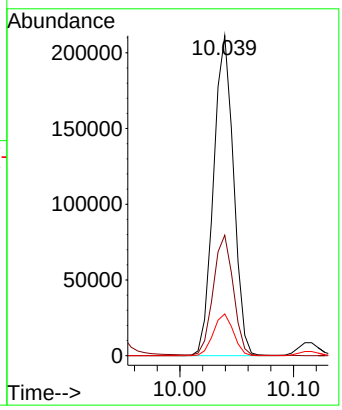




#55
Dibenzofuran
Concen: 11.038 ng
RT: 10.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:168 Resp: 25883

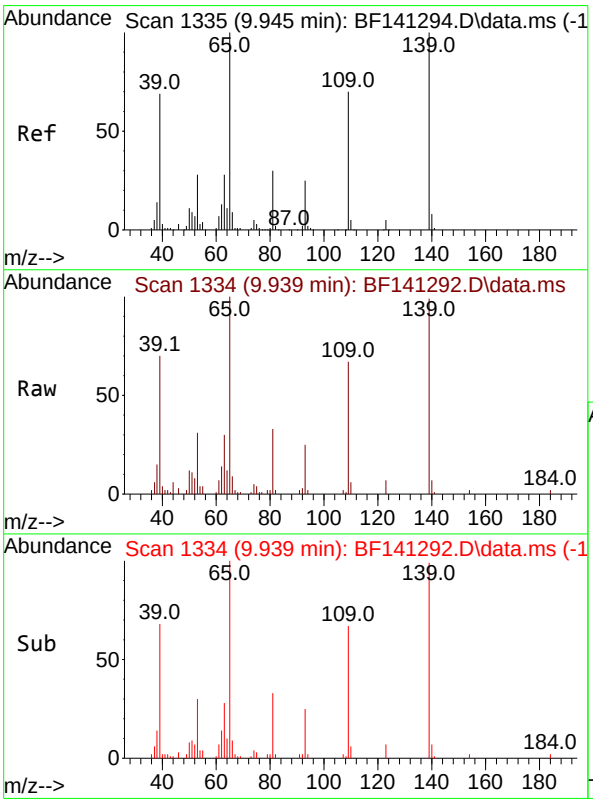
Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.6	46.0
169	13.1	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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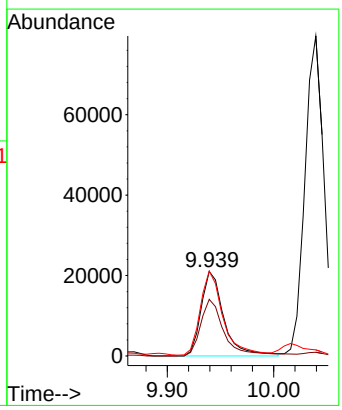
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

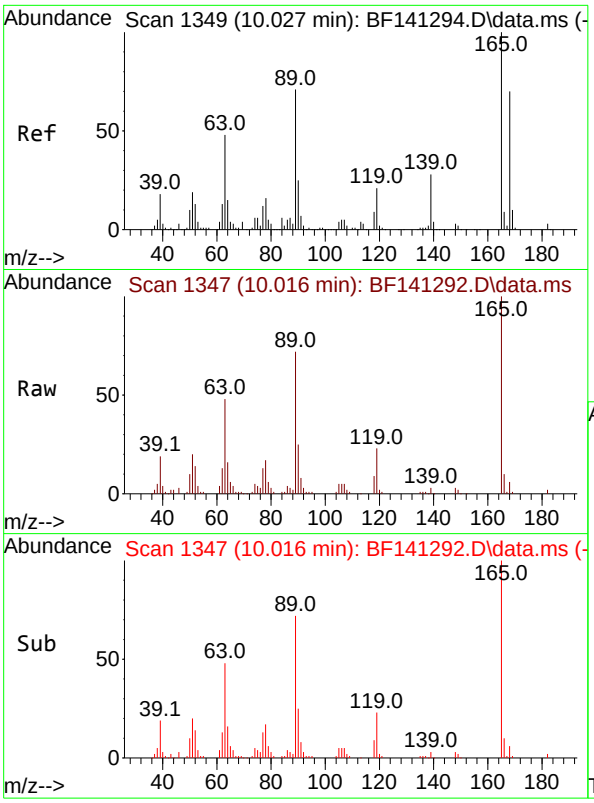


#56
4-Nitrophenol
Concen: 9.722 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 31196

Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.2	90.2
65	100.6	80.6	120.6

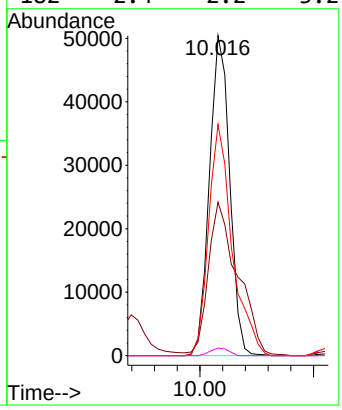




#57
2,4-Dinitrotoluene
Concen: 10.710 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:165 Resp: 6241

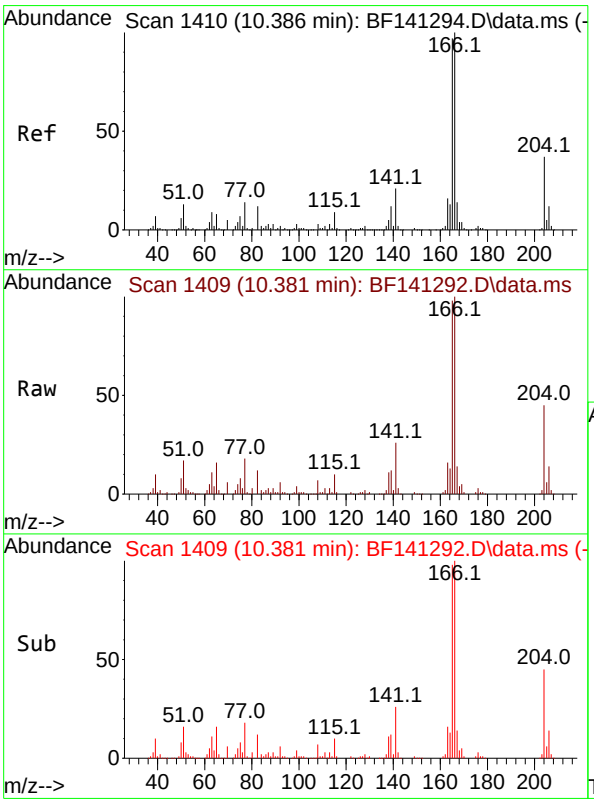
Ion	Ratio	Lower	Upper
165	100		
63	48.0	39.2	58.8
89	72.2	56.9	85.3
182	2.4	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

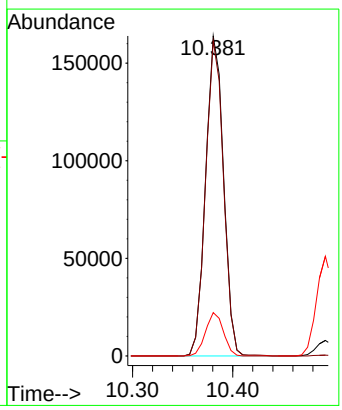
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

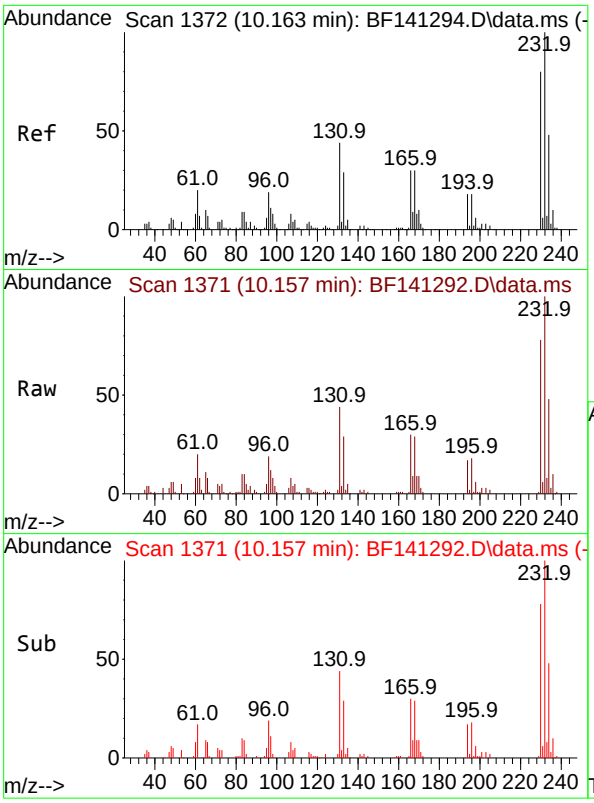


#58
Fluorene
Concen: 11.197 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:166 Resp: 204141

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.5	116.3
167	13.6	10.9	16.3

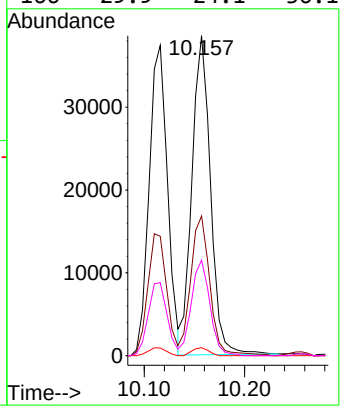




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.737 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:232 Resp: 4959

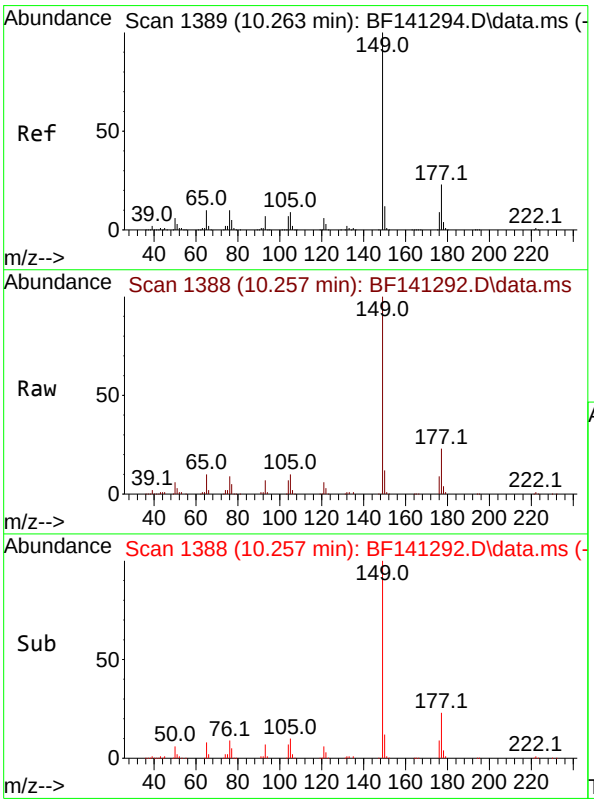
Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.4	54.6
130	2.2	1.9	2.9
166	29.9	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

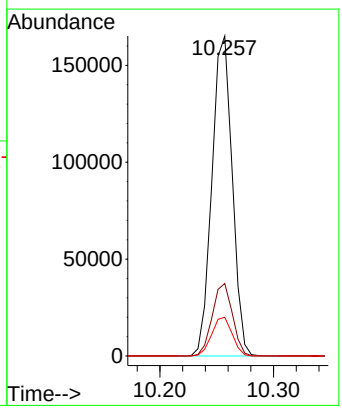
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

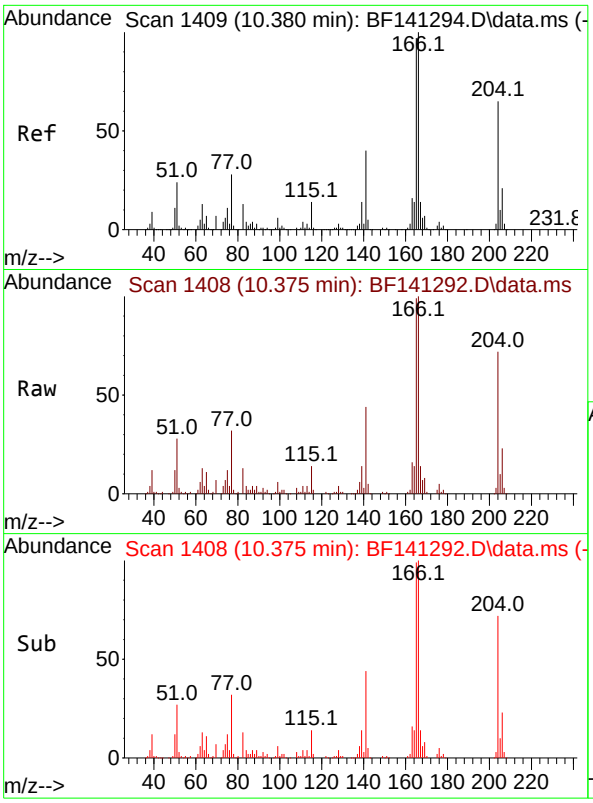


#60
Diethylphthalate
Concen: 10.908 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 205131

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.5	27.7
150	12.1	10.0	15.0

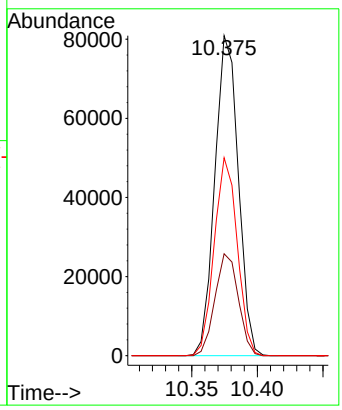




#61
4-Chlorophenyl-phenylether
Concen: 11.294 ng
RT: 10.375 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:204 Resp: 10048

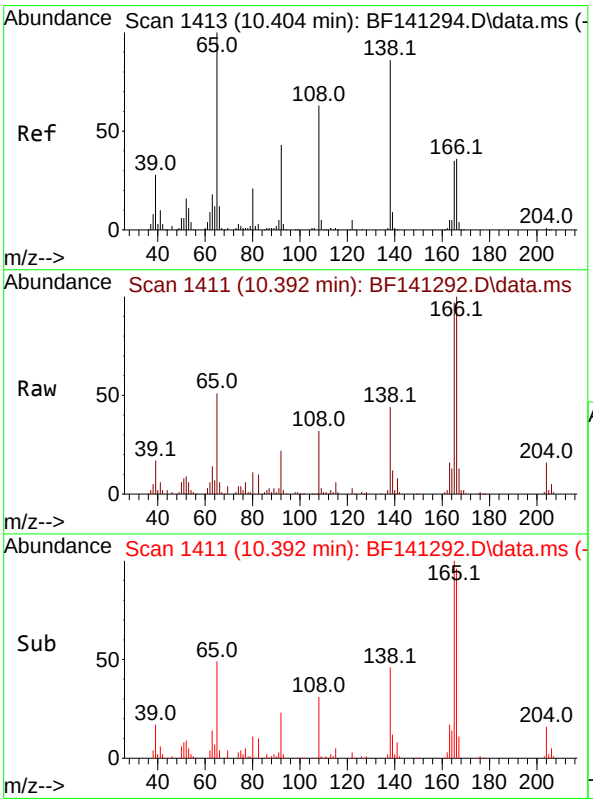
Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.9	38.9
141	61.8	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

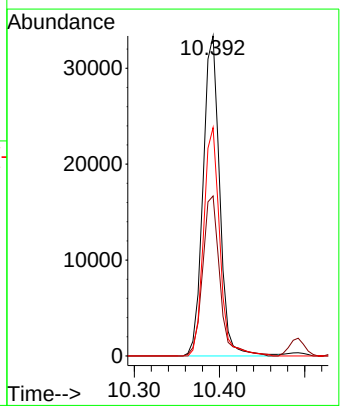
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

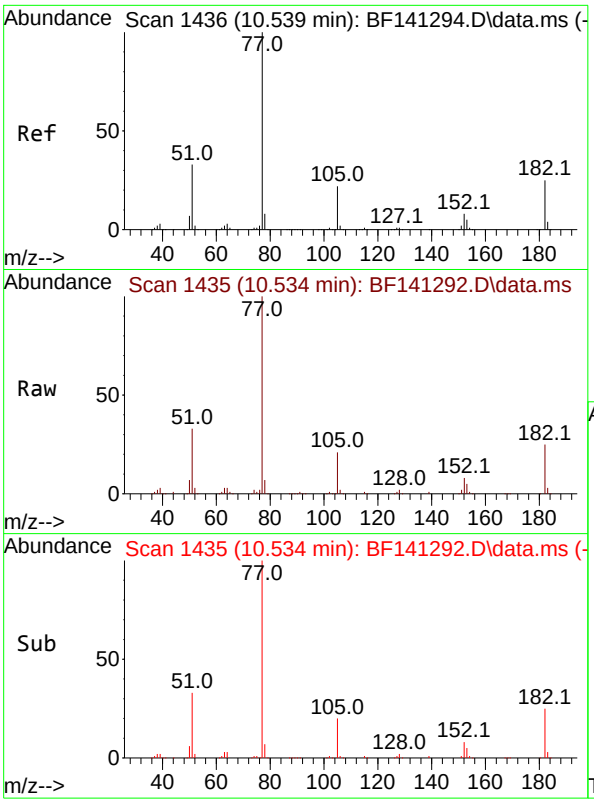


#62
4-Nitroaniline
Concen: 10.533 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:138 Resp: 45222

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.1	70.1
108	71.3	53.1	93.1

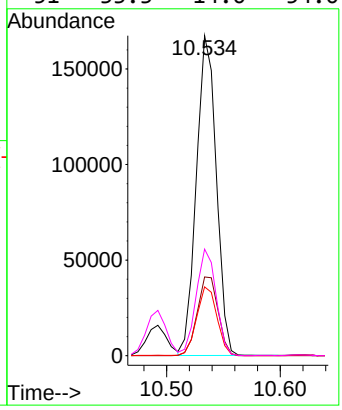




#63
Azobenzene
Concen: 10.839 ng
RT: 10.534 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 77 Resp: 20430

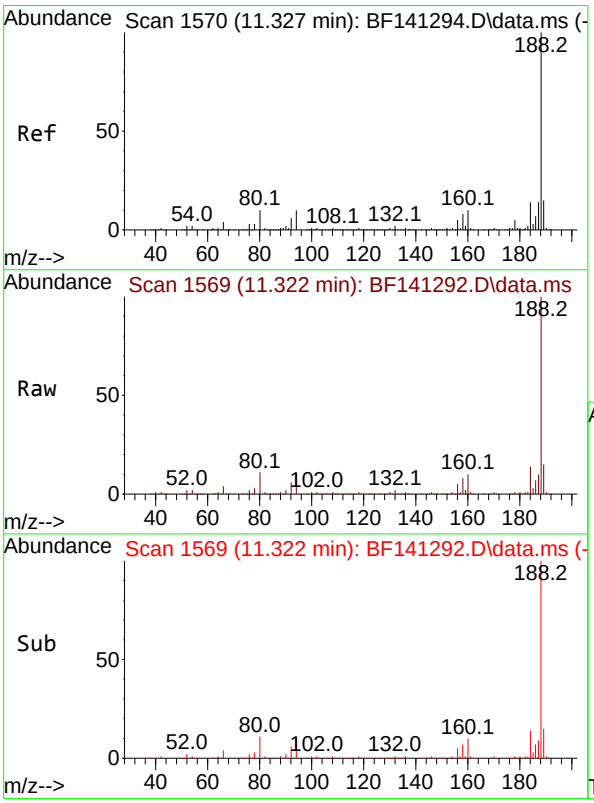
Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.1	45.1
105	21.5	1.8	41.8
51	33.3	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

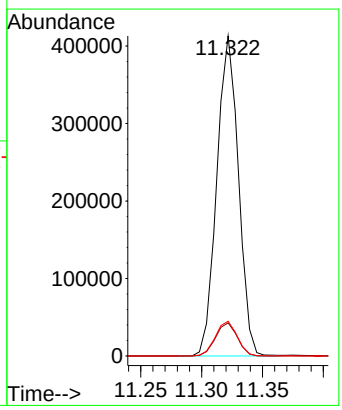
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

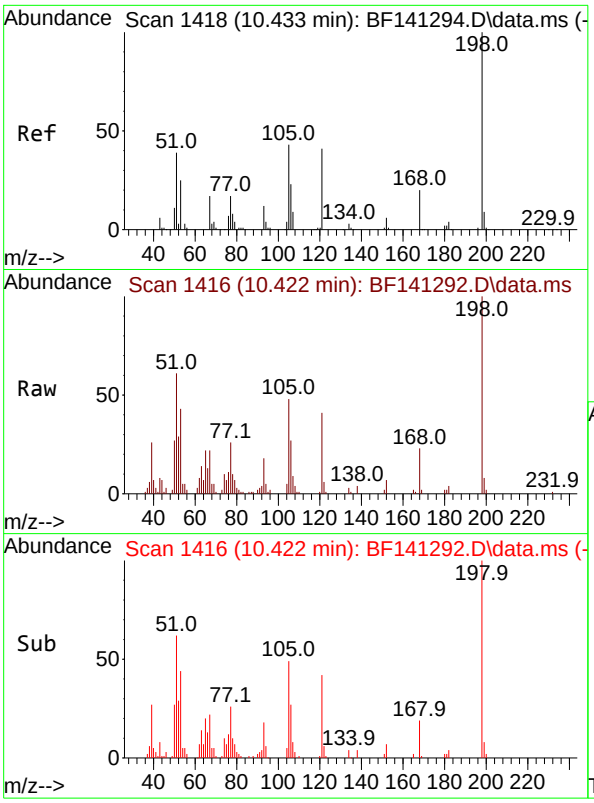


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:188 Resp: 510795

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	10.9	8.2	12.4

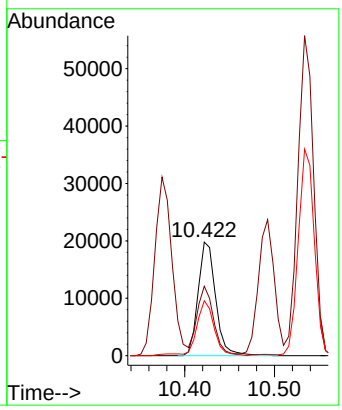




#65
4,6-Dinitro-2-methylphenol
Concen: 8.831 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:198 Resp: 2693

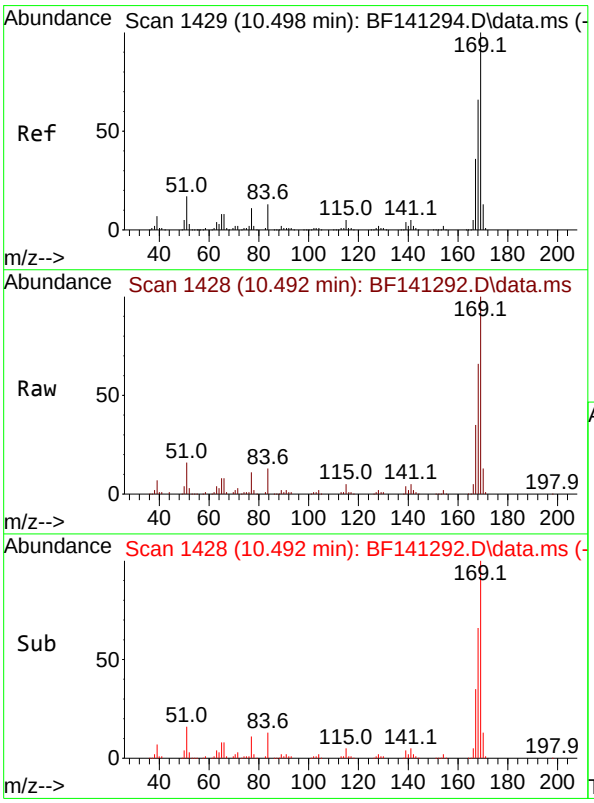
Ion	Ratio	Lower	Upper
198	100		
51	61.2	33.4	73.4
105	48.3	24.4	64.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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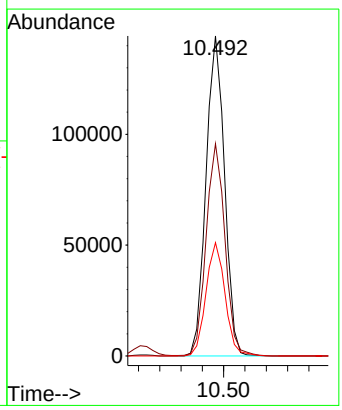
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

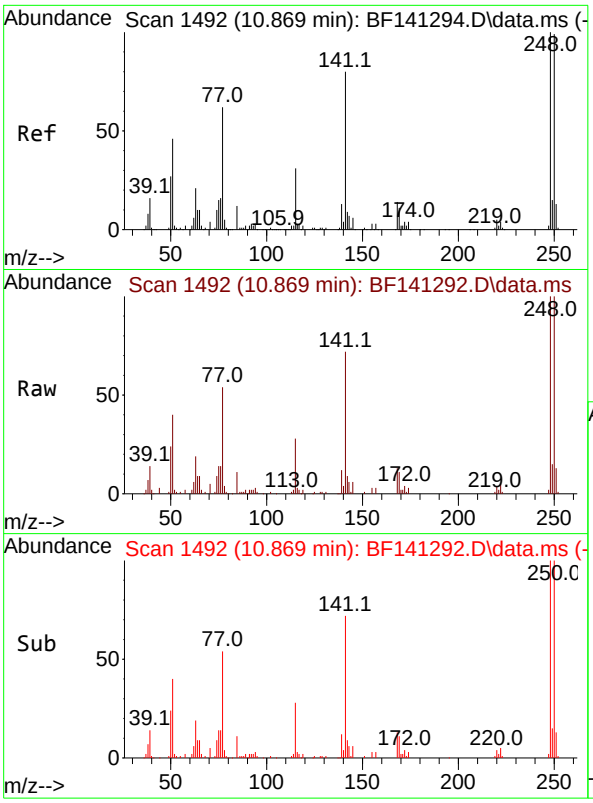


#66
n-Nitrosodiphenylamine
Concen: 10.544 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:169 Resp: 174617

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.4
167	35.4	28.8	43.2

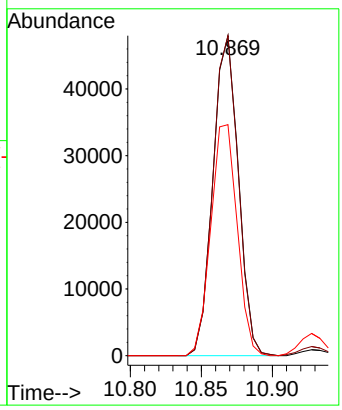




#67
4-Bromophenyl-phenylether
Concen: 10.468 ng
RT: 10.869 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:248 Resp: 5977

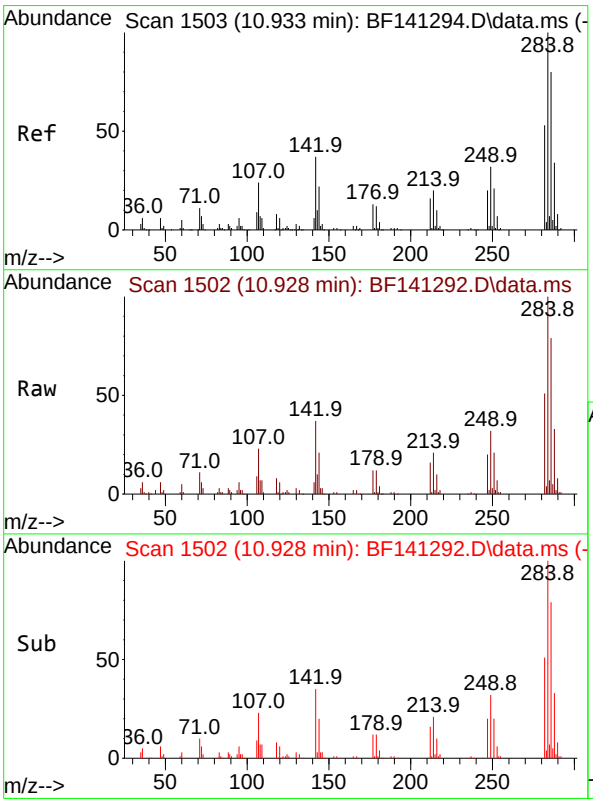
Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.4
141	72.2	63.7	95.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

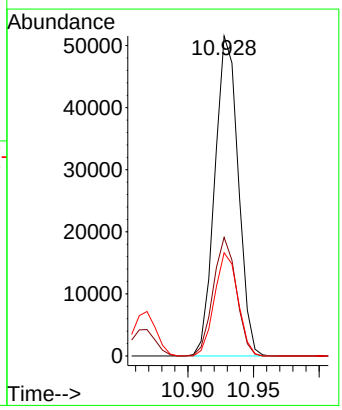
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

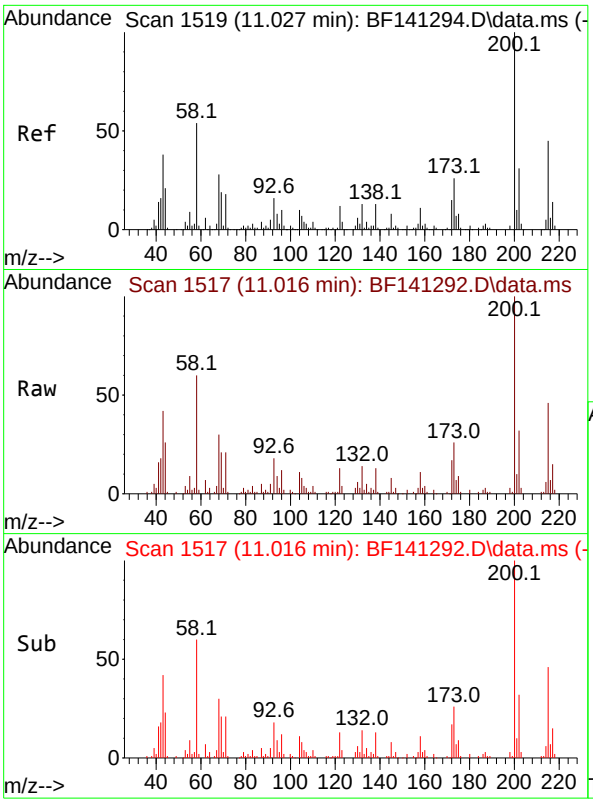


#68
Hexachlorobenzene
Concen: 10.551 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:284 Resp: 63908

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.5	44.3
249	32.2	25.4	38.2





#69
Atrazine
Concen: 9.295 ng
RT: 11.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

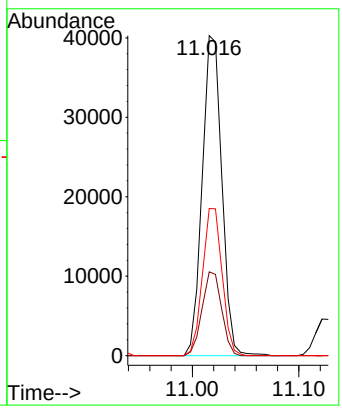
Tgt Ion:200 Resp: 5163

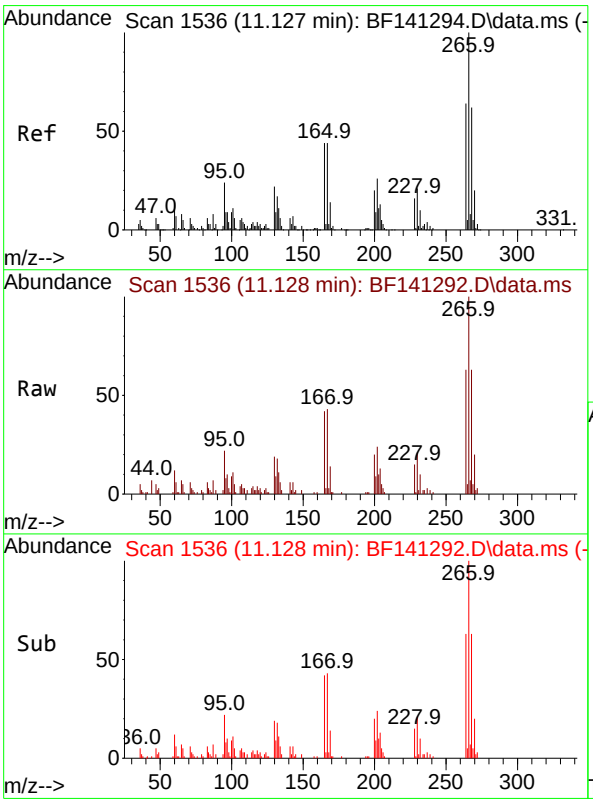
Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.9	45.9
215	46.0	25.2	65.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

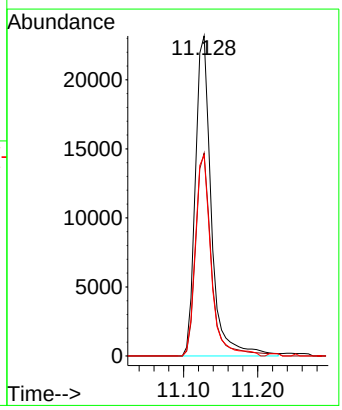


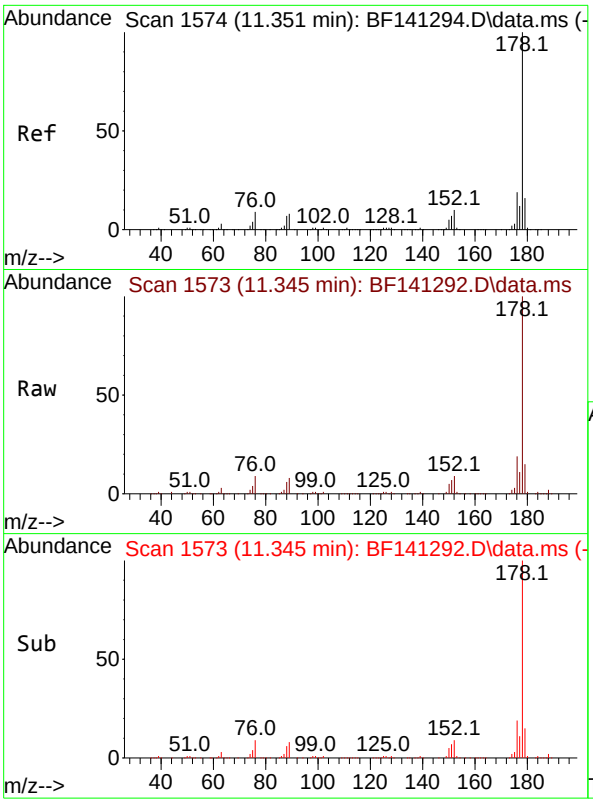


#70
Pentachlorophenol
Concen: 9.796 ng
RT: 11.128 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:266 Resp: 34788

Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.9	74.9
264	62.7	51.0	76.4

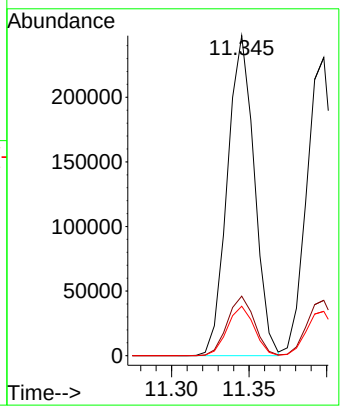




#71
Phenanthrene
Concen: 10.893 ng
RT: 11.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:178 Resp: 29889

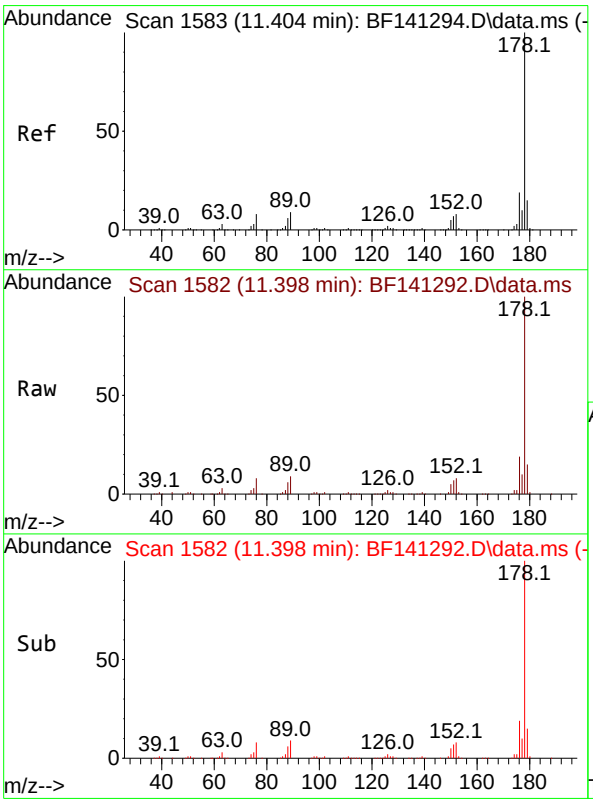
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

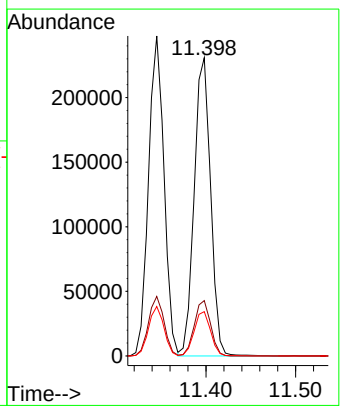
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

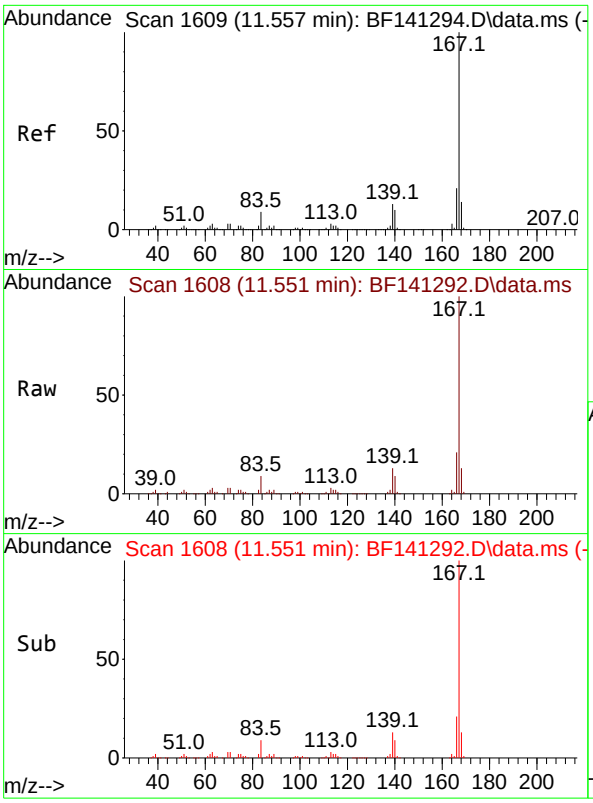


#72
Anthracene
Concen: 10.940 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:178 Resp: 292813

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	14.9	12.3	18.5

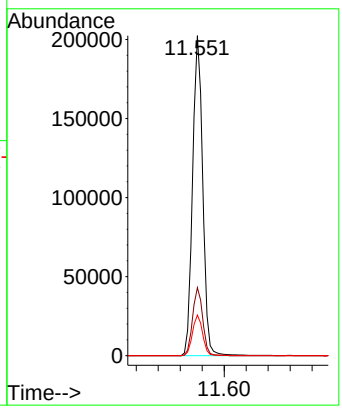




#73
Carbazole
Concen: 10.919 ng
RT: 11.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:167 Resp: 25885

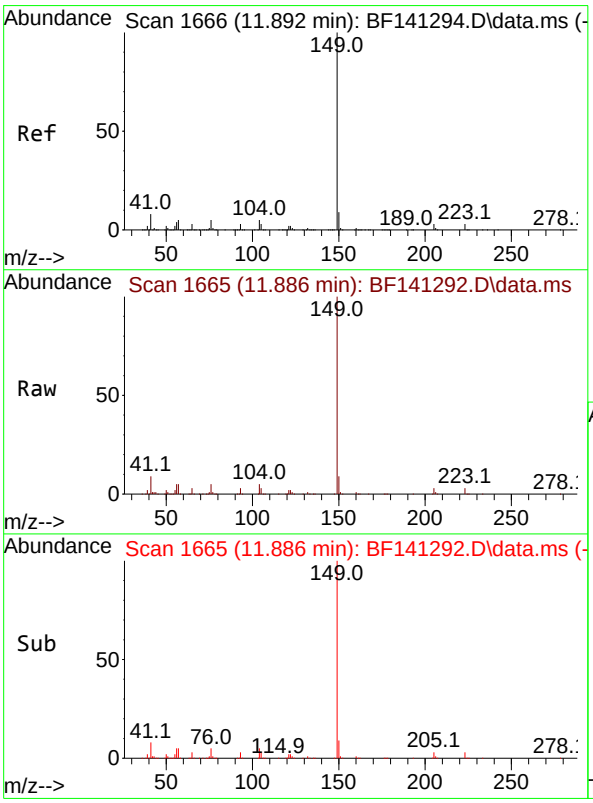
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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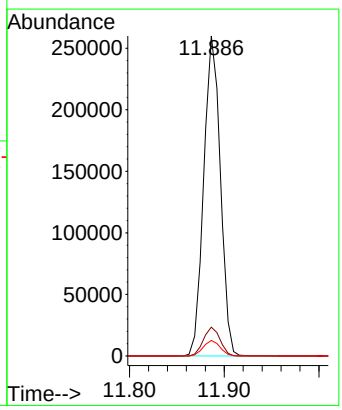
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

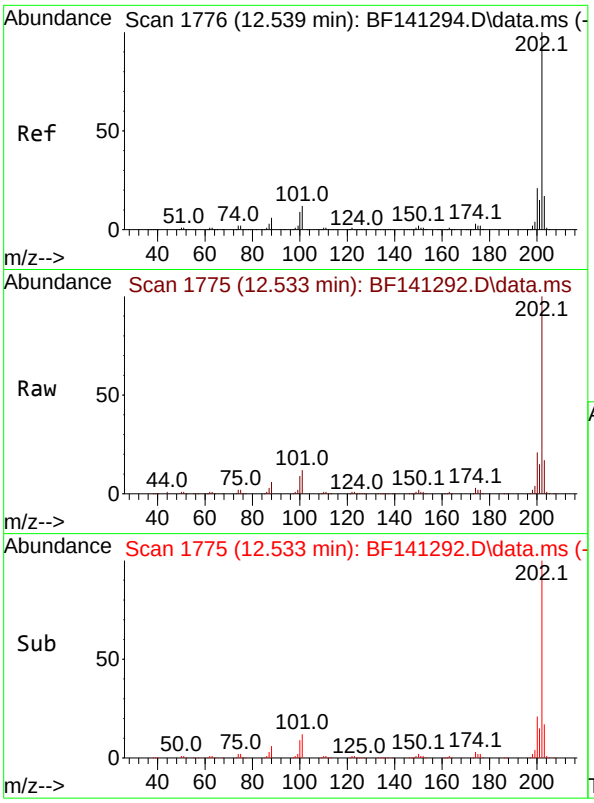


#74
Di-n-butylphthalate
Concen: 11.070 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 316336

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9





#75
Fluoranthene
Concen: 11.462 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

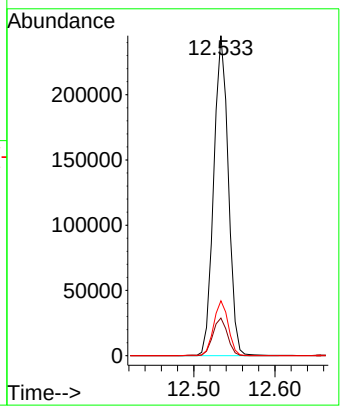
Tgt Ion:202 Resp: 30696

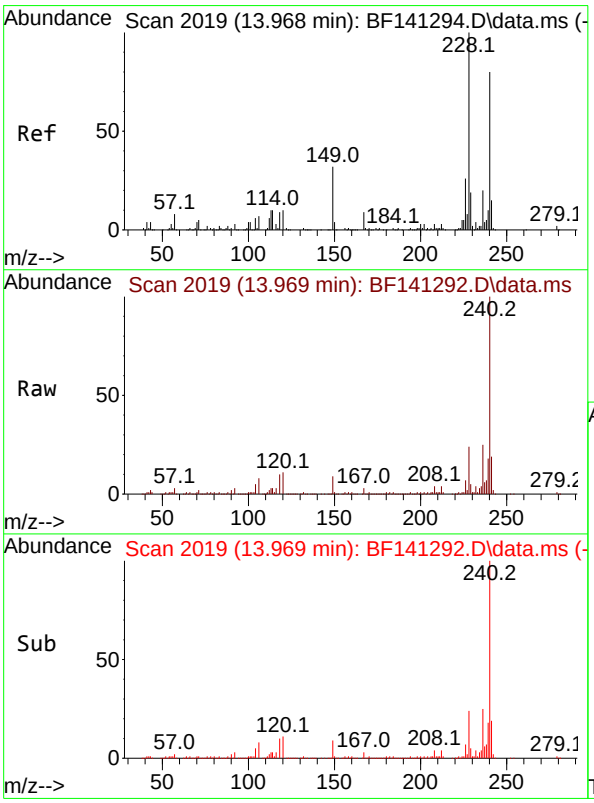
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.1	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

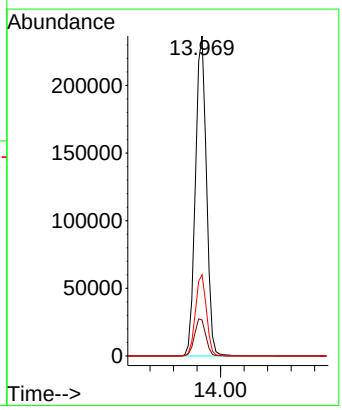


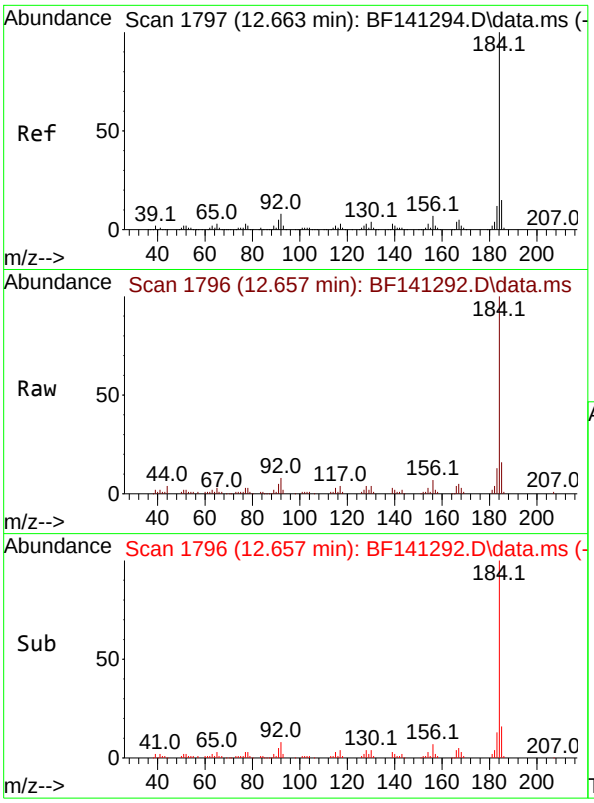


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:240 Resp: 308114

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.0	15.0
236	25.4	19.7	29.5

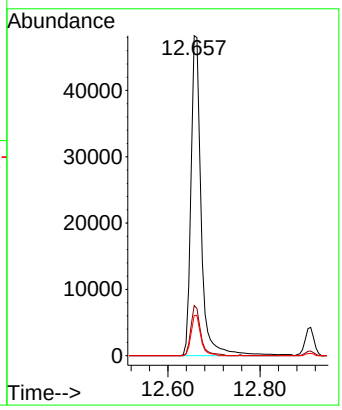




#77
Benzidine
Concen: 7.890 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:184 Resp: 7391

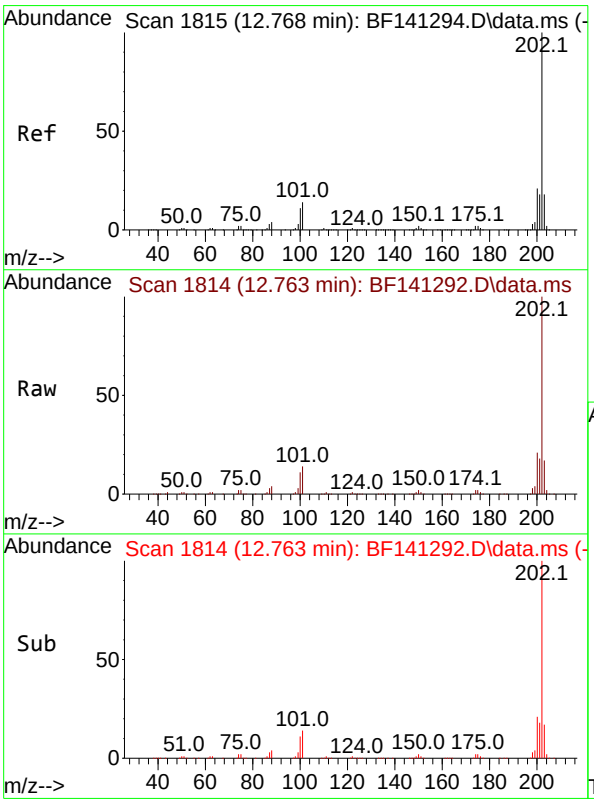
Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.9	17.9
183	12.6	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
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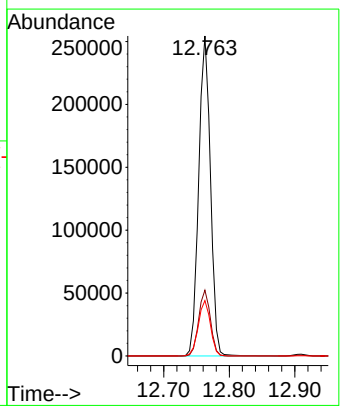
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

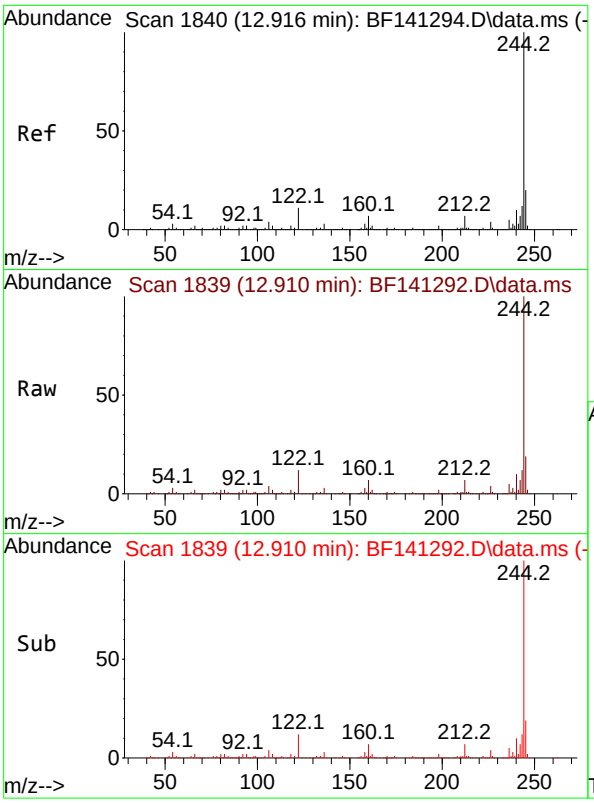


#78
Pyrene
Concen: 10.681 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:202 Resp: 317744

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.3	14.3	21.5

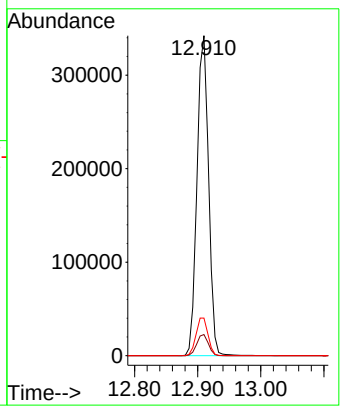




#79
Terphenyl-d14
Concen: 21.713 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:244 Resp: 43478

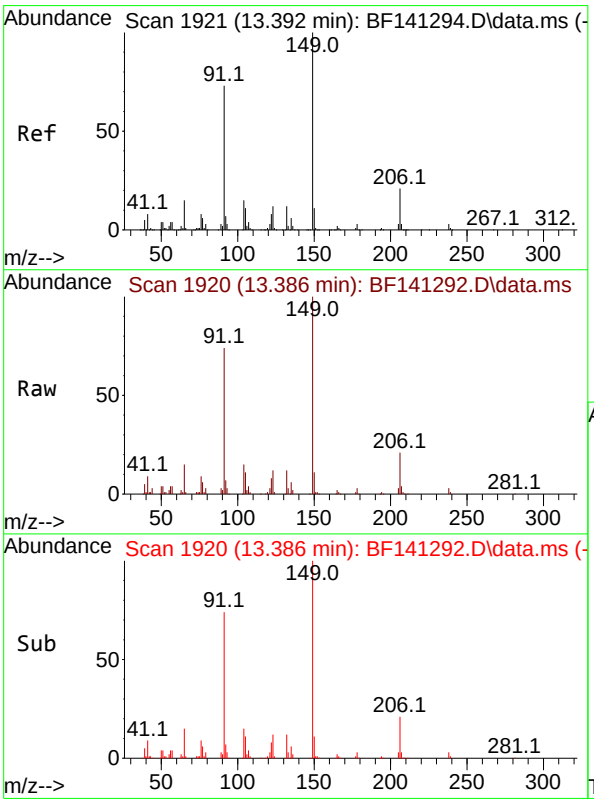
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.7	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

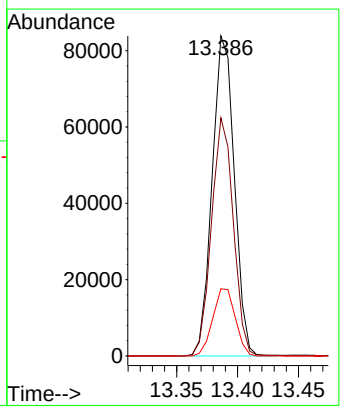
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

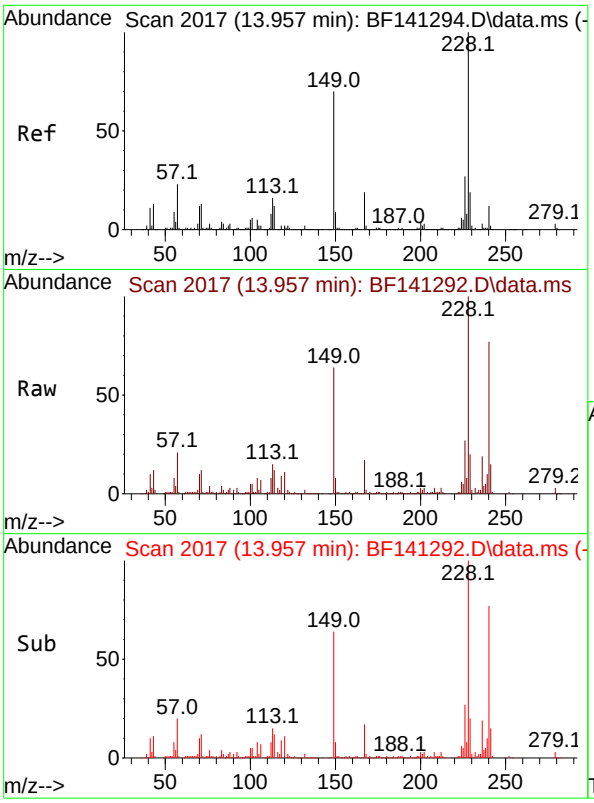


#80
Butylbenzylphthalate
Concen: 10.349 ng
RT: 13.386 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 106335

Ion	Ratio	Lower	Upper
149	100		
91	74.4	58.6	87.8
206	21.0	16.7	25.1

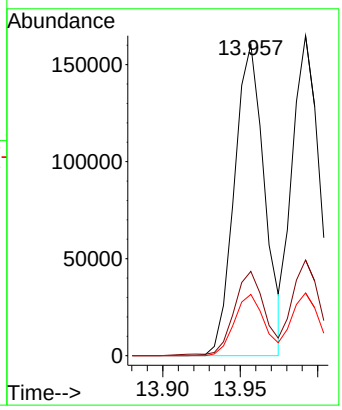




#81
Benzo(a)anthracene
Concen: 10.289 ng
RT: 13.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:228 Resp: 21729

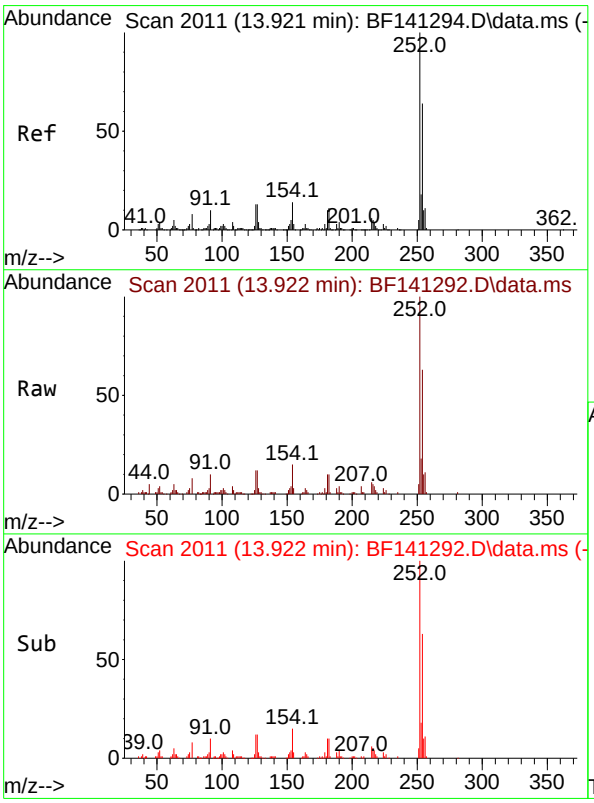
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.7	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

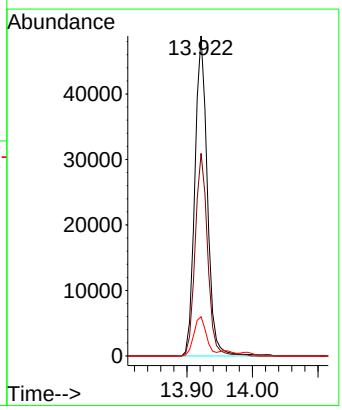
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

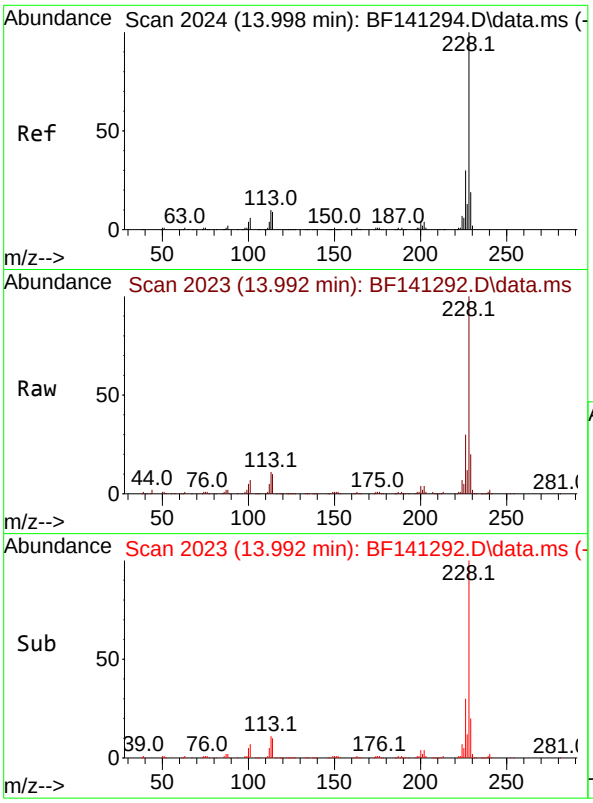


#82
3,3'-Dichlorobenzidine
Concen: 9.833 ng
RT: 13.922 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 65021

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	12.2	10.0	15.0

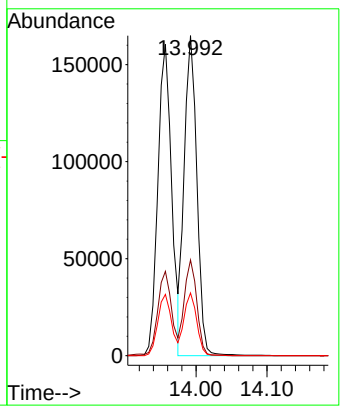




#83
Chrysene
Concen: 10.421 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:228 Resp: 20408(

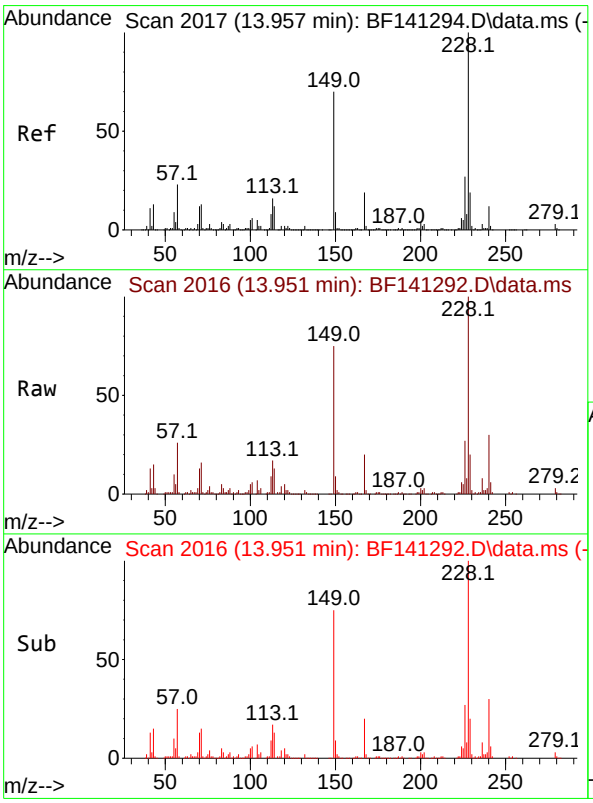
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

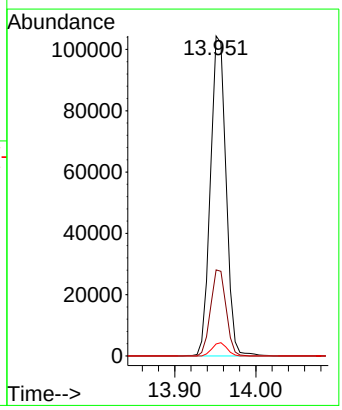
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

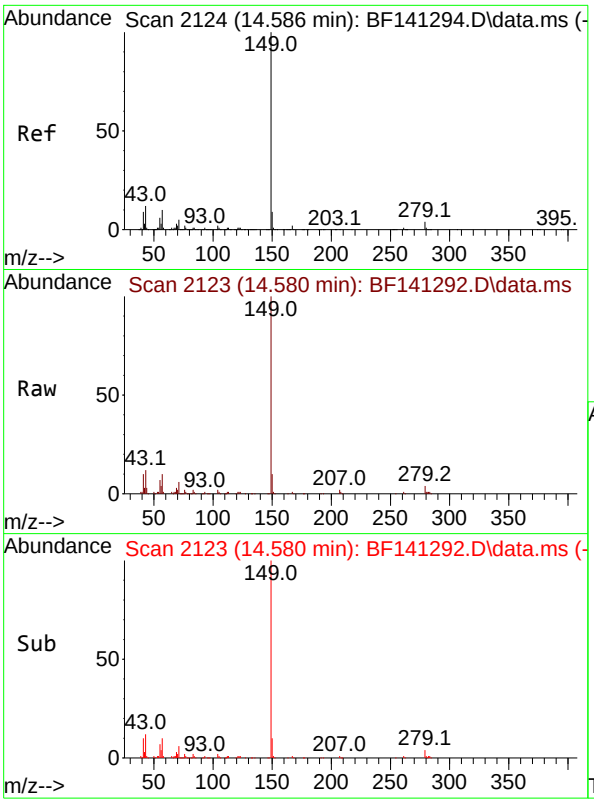


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.789 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 139099

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.8	3.3	4.9

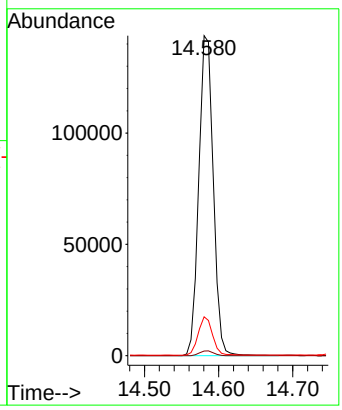




#85
Di-n-octyl phthalate
Concen: 9.676 ng
RT: 14.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 19512

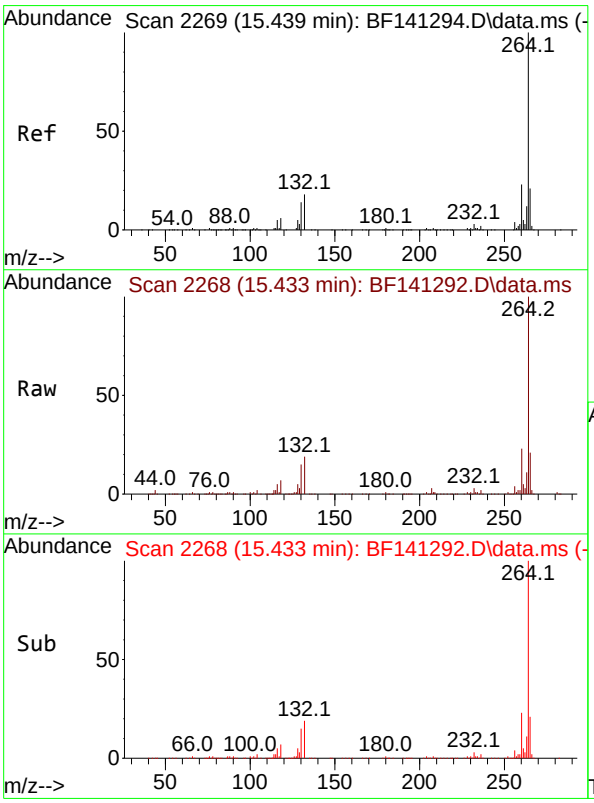
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.8	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

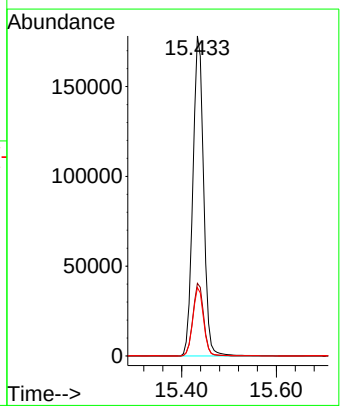
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

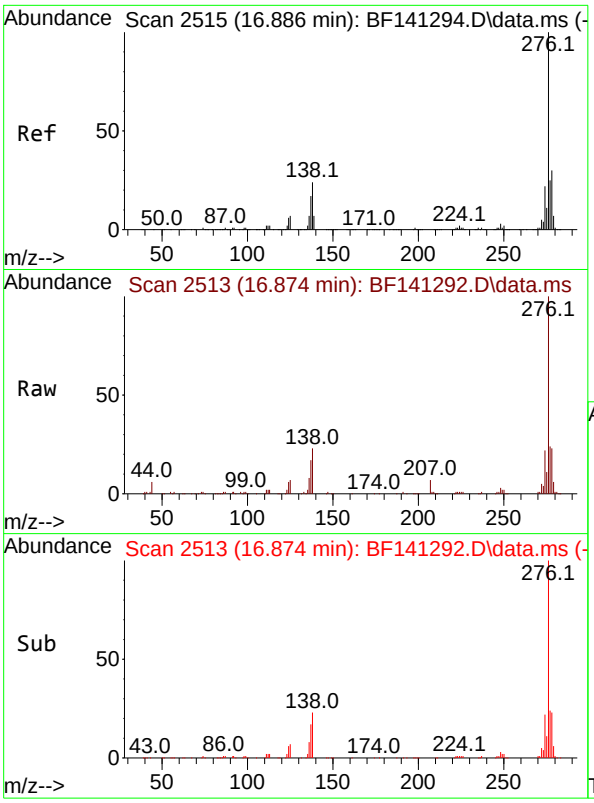


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:264 Resp: 280028

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.3	16.7	25.1

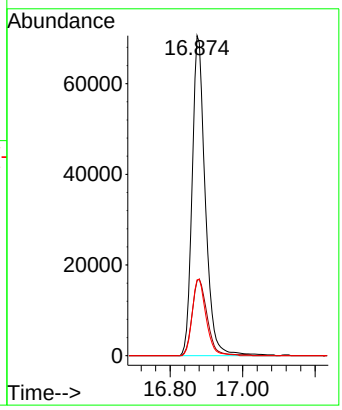




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.708 ng
RT: 16.874 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:276 Resp: 17755

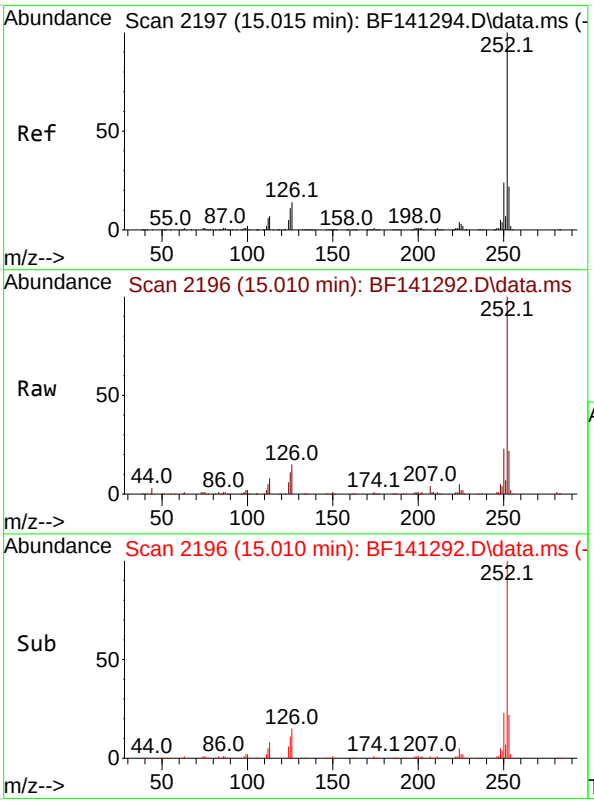
Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.7	32.5
277	25.1	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

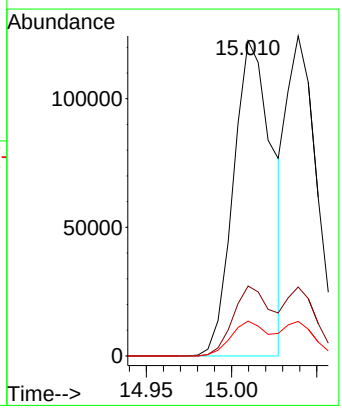
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

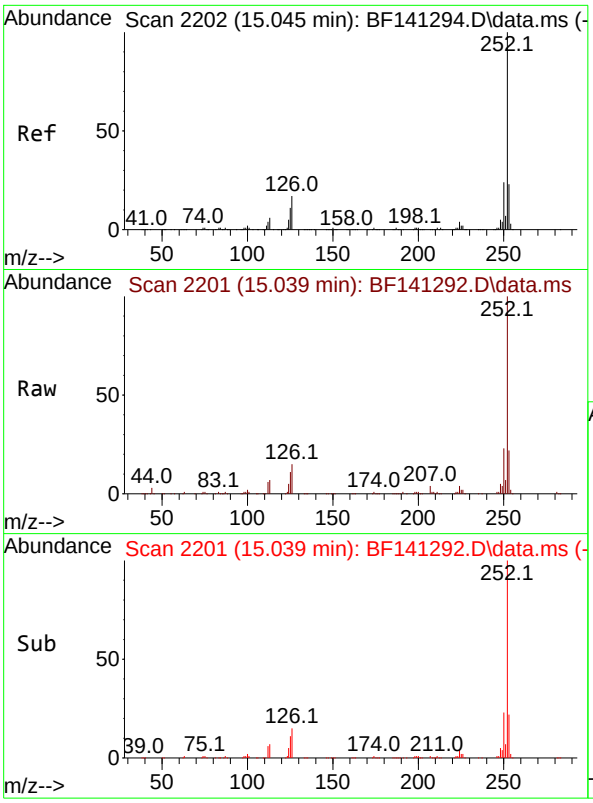


#88
Benzo(b)fluoranthene
Concen: 11.130 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 193558

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.1	8.6	12.8





#89
Benzo(k)fluoranthene
Concen: 10.012 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

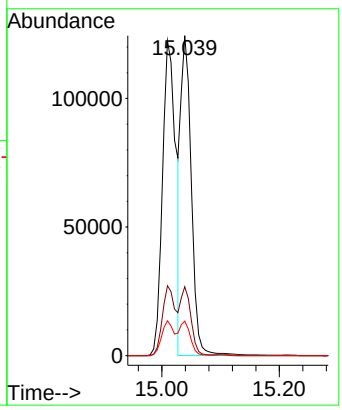
Tgt Ion:252 Resp: 15592

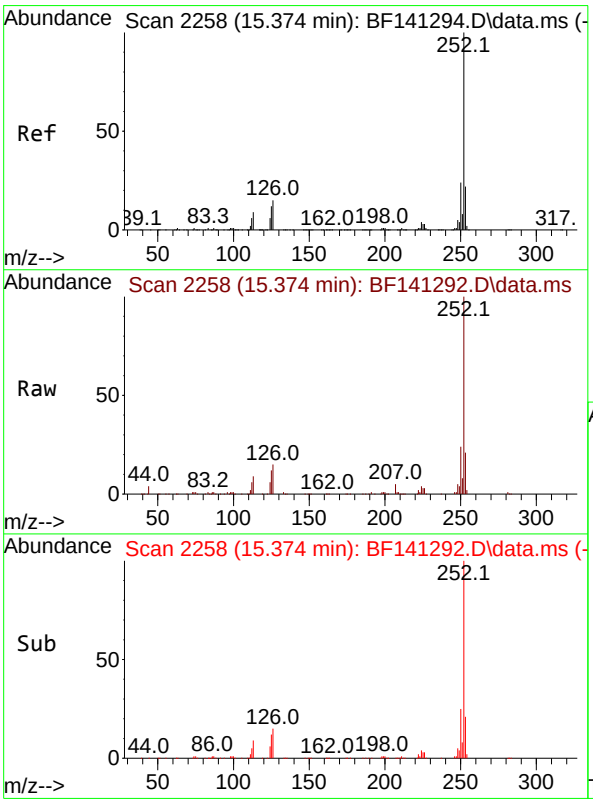
Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.8	8.4	12.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

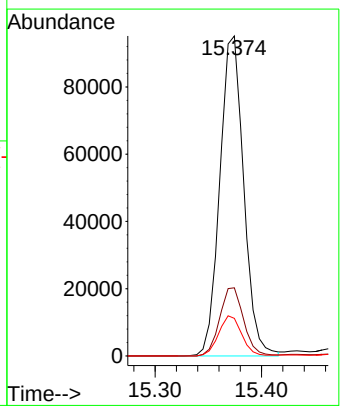


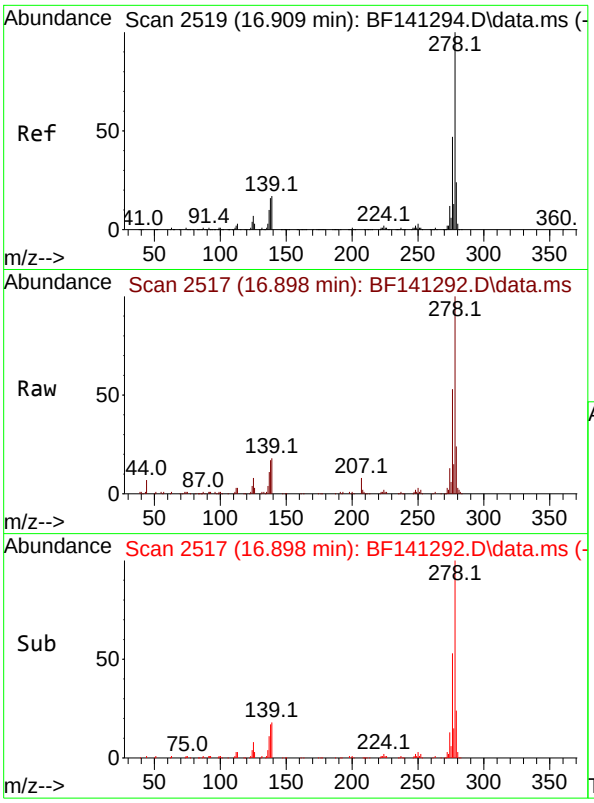


#90
Benzo(a)pyrene
Concen: 9.972 ng
RT: 15.374 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 148214

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	11.7	9.4	14.2

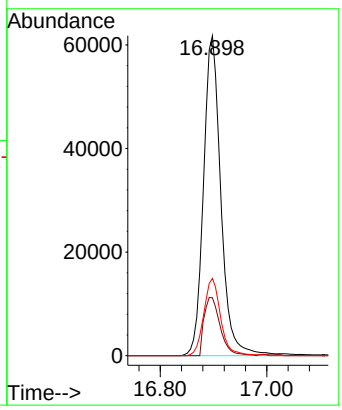




#91
Dibenzo(a,h)anthracene
Concen: 9.559 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:278 Resp: 14014

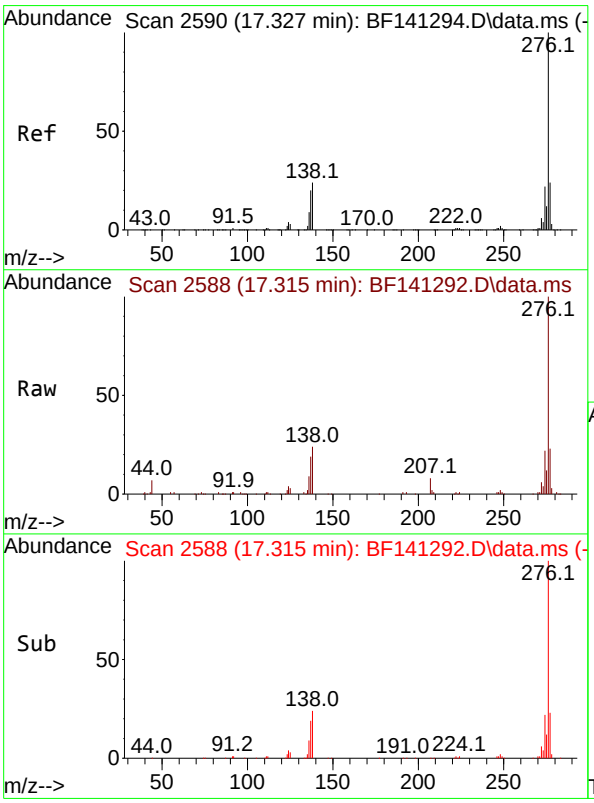
Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.9	20.9
279	24.2	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations
APPROVED

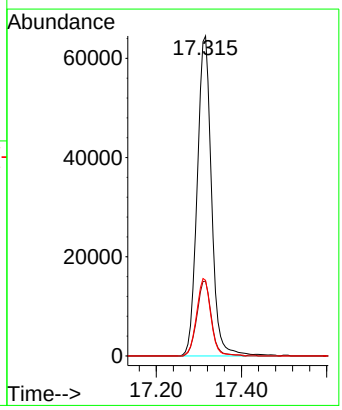
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 9.756 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:276 Resp: 150453

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	23.6	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 16:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.351	ng	0.00
7) Phenol-d6	6.422	99	475876	42.305	ng	0.00
23) Nitrobenzene-d5	7.357	82	432160	42.912	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	116167	43.498	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.127	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.159	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.794	ng	98
3) Pyridine	3.210	79	197852	21.116	ng	99
4) n-Nitrosodimethylamine	3.152	42	112451	20.957	ng	98
6) Aniline	6.457	93	210459	22.385	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.418	ng	96
9) Benzaldehyde	6.345	77	150675	23.065	ng	100
10) Phenol	6.434	94	257179	21.611	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.260	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.512	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.503	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.714	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.602	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.420	ng	100
17) 2-Methylphenol	7.045	107	165188	21.525	ng	99
18) Hexachloroethane	7.310	117	83193	21.359	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	21.058	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.734	ng	96
22) Acetophenone	7.204	105	275680	21.825	ng	100
24) Nitrobenzene	7.381	77	224061	21.451	ng	98
25) Isophorone	7.616	82	369998	21.259	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.725	ng	98
27) 2,4-Dimethylphenol	7.734	122	132748m	21.233	ng	
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.403	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.750	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.511	ng	99
31) Naphthalene	8.104	128	607622	21.681	ng	100
32) Benzoic acid	7.816	122	126734	22.321	ng	99
33) 4-Chloroaniline	8.151	127	208531	22.151	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.699	ng	97
35) Caprolactam	8.498	113	54280	21.968	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.708	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.630	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.671	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.209	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.438	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	21.029	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 16:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.245	ng		98
46) 1,1'-Biphenyl	9.257	154	483479	21.145	ng		100
47) 2-Chloronaphthalene	9.281	162	377946	21.282	ng		99
48) 2-Nitroaniline	9.375	65	119359	21.310	ng		98
49) Acenaphthylene	9.698	152	531957	21.328	ng		99
50) Dimethylphthalate	9.557	163	423377	21.542	ng		100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.345	ng		96
52) Acenaphthene	9.869	154	378511	21.328	ng		99
53) 3-Nitroaniline	9.786	138	100085	22.123	ng		98
54) 2,4-Dinitrophenol	9.892	184	40003	18.557	ng	#	86
55) Dibenzofuran	10.039	168	514223	21.665	ng		100
56) 4-Nitrophenol	9.945	139	73425	22.607	ng		97
57) 2,4-Dinitrotoluene	10.022	165	129942	22.027	ng		98
58) Fluorene	10.386	166	396520	21.488	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.354	ng		99
60) Diethylphthalate	10.257	149	413889	21.745	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.446	ng		99
62) 4-Nitroaniline	10.398	138	96692	22.250	ng		98
63) Azobenzene	10.539	77	407492	21.358	ng		99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.492	ng		97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.773	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.967	ng		98
68) Hexachlorobenzene	10.933	284	126823	20.917	ng		99
69) Atrazine	11.022	200	109133	19.627	ng		99
70) Pentachlorophenol	11.127	266	74508	20.958	ng		98
71) Phenanthrene	11.351	178	584027	21.262	ng		100
72) Anthracene	11.398	178	572743	21.377	ng		100
73) Carbazole	11.557	167	522100	22.000	ng		99
74) Di-n-butylphthalate	11.892	149	636521	22.251	ng		100
75) Fluoranthene	12.539	202	611492	22.808	ng		100
77) Benzidine	12.663	184	65963	6.904	ng		99
78) Pyrene	12.769	202	629228	20.739	ng		99
80) Butylbenzylphthalate	13.392	149	232095	22.149	ng		99
81) Benzo(a)anthracene	13.968	228	456535	21.197	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.914	ng		99
83) Chrysene	14.004	228	421849	21.122	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.857	ng		99
85) Di-n-octyl phthalate	14.604	149	451748	21.964	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.466	ng		99
88) Benzo(b)fluoranthene	15.033	252	384557	21.383	ng		99
89) Benzo(k)fluoranthene	15.062	252	368801	22.900	ng		99
90) Benzo(a)pyrene	15.392	252	327630	21.317	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.026	ng		100
92) Benzo(g,h,i)perylene	17.345	276	329876	20.684	ng		100

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

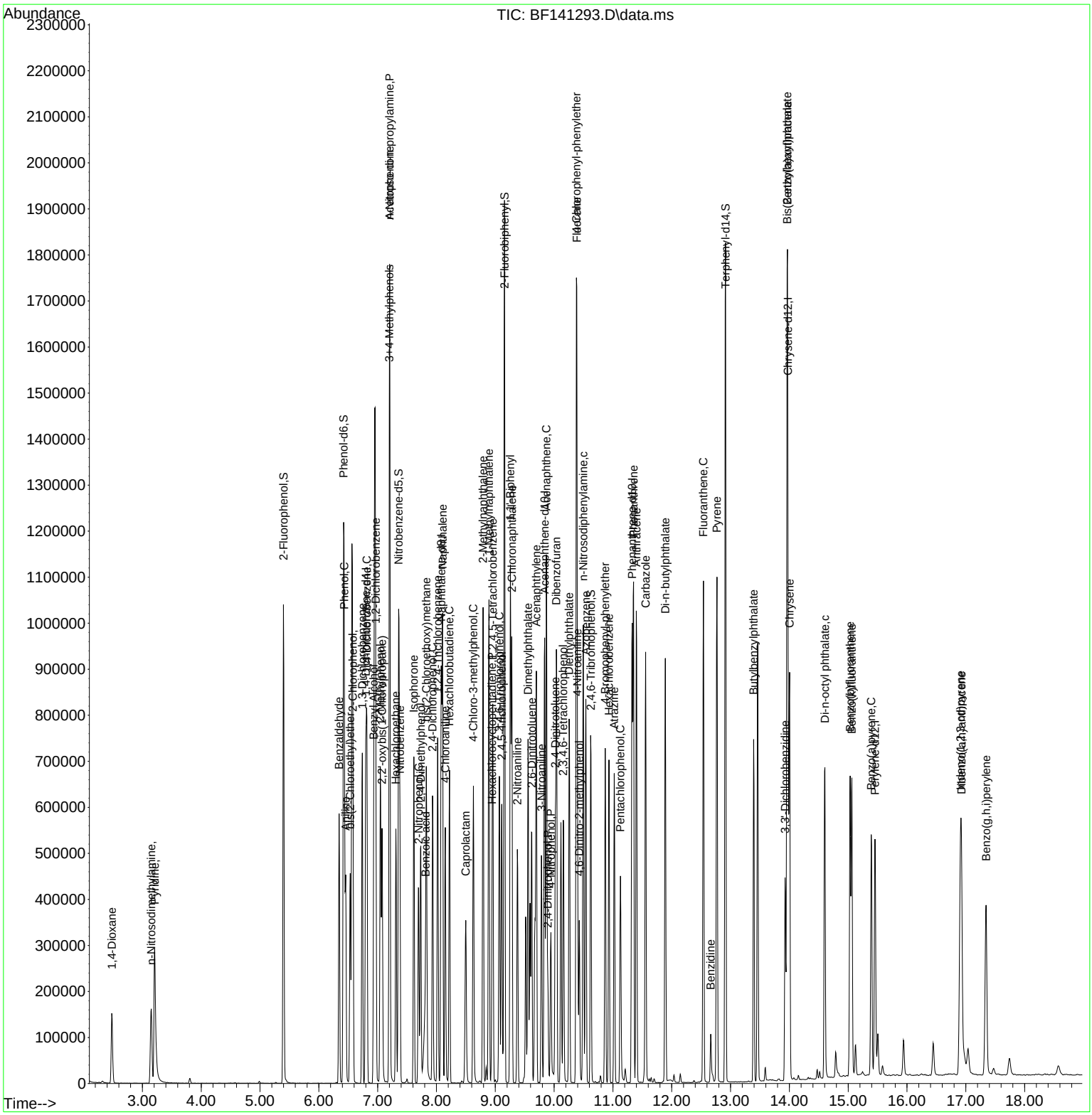
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

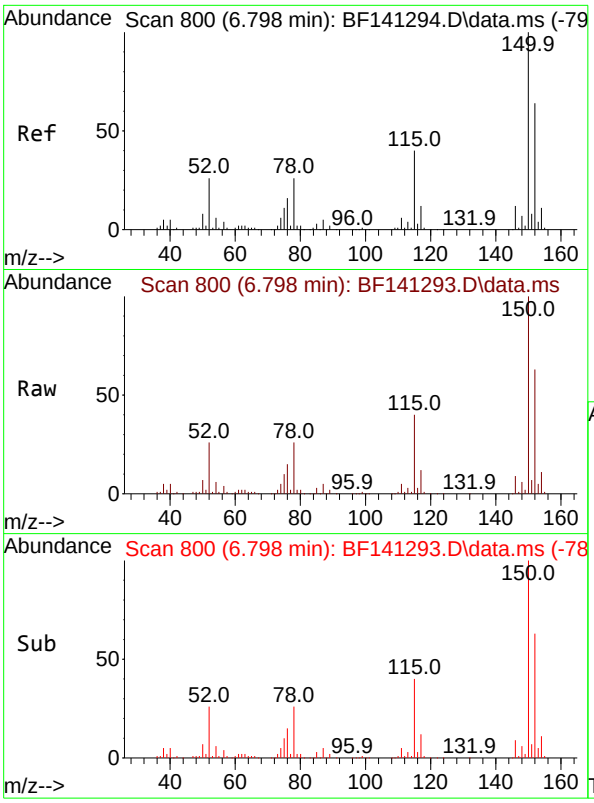
Quant Time: Jan 29 16:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

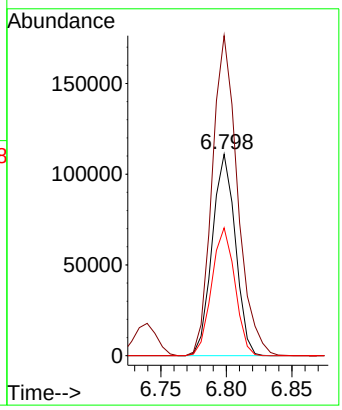




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:152 Resp: 13649

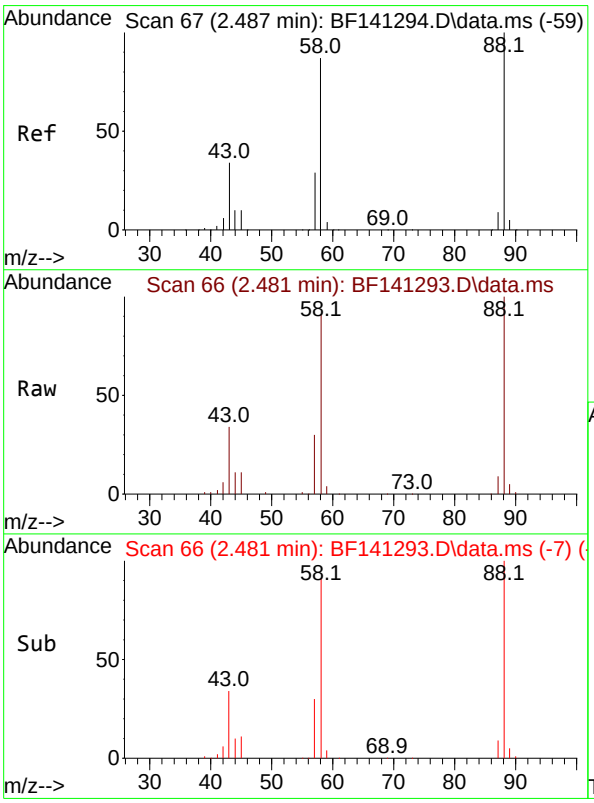
Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.9	188.9
115	63.5	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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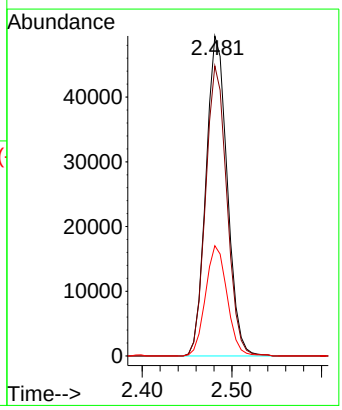
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

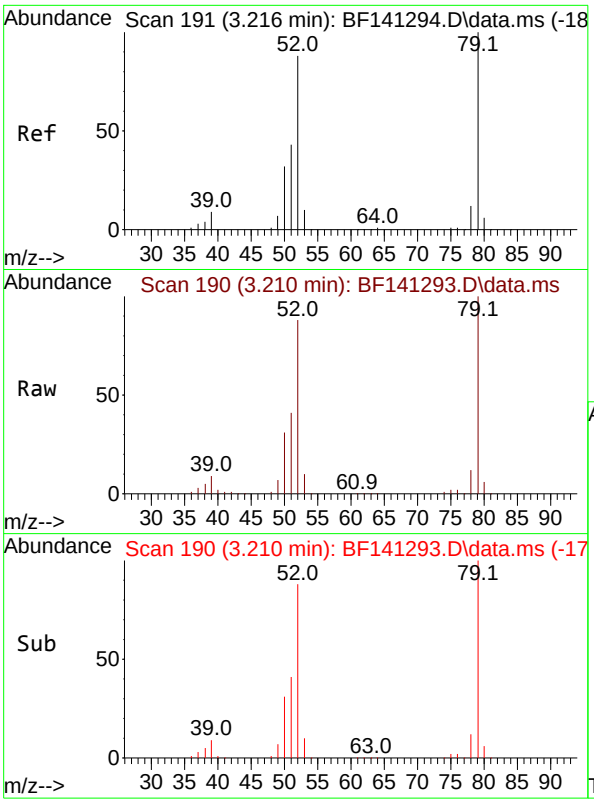


#2
1,4-Dioxane
Concen: 20.794 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 88 Resp: 81467

Ion	Ratio	Lower	Upper
88	100		
58	90.4	70.2	105.4
43	35.0	27.6	41.4

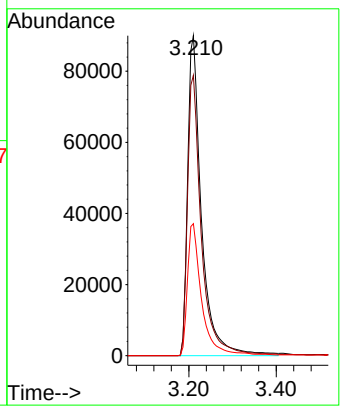




#3
Pyridine
Concen: 21.116 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 79 Resp: 19785

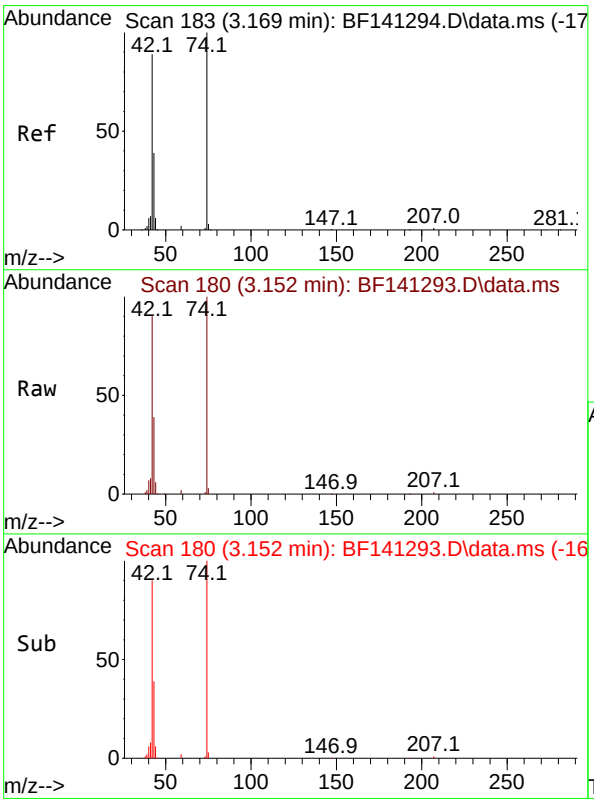
Ion	Ratio	Lower	Upper
79	100		
52	87.6	70.3	105.5
51	41.2	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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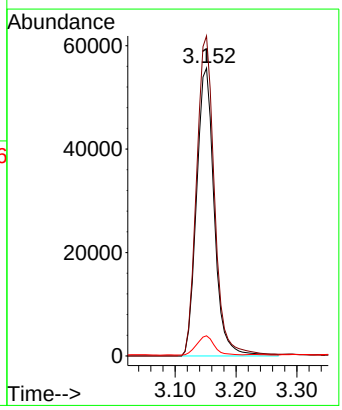
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

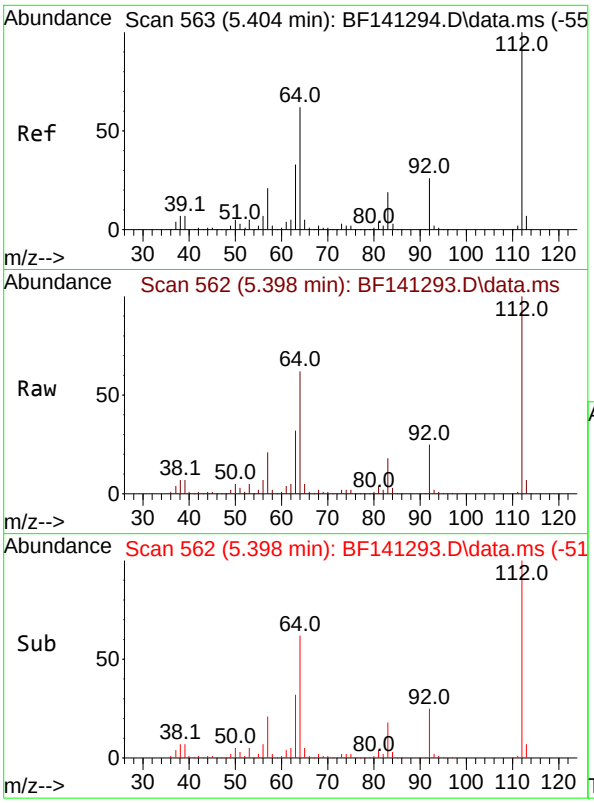


#4
n-Nitrosodimethylamine
Concen: 20.957 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 42 Resp: 112451

Ion	Ratio	Lower	Upper
42	100		
74	111.2	90.3	135.5
44	7.0	5.7	8.5

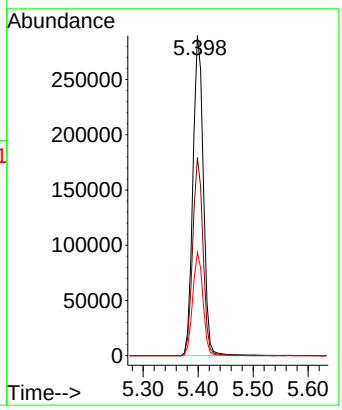




#5
2-Fluorophenol
Concen: 43.351 ng
RT: 5.398 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:112 Resp: 38261

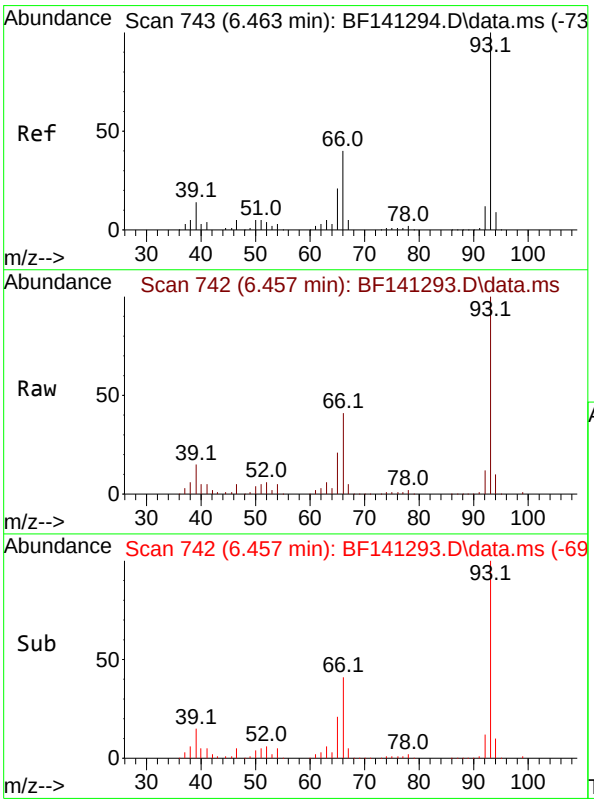
Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.8	74.8
63	32.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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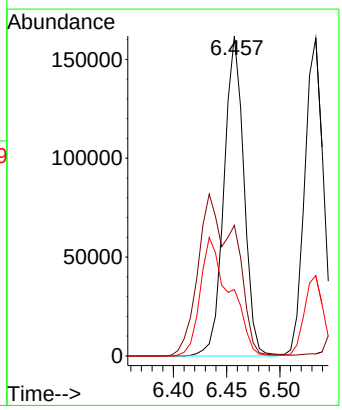
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

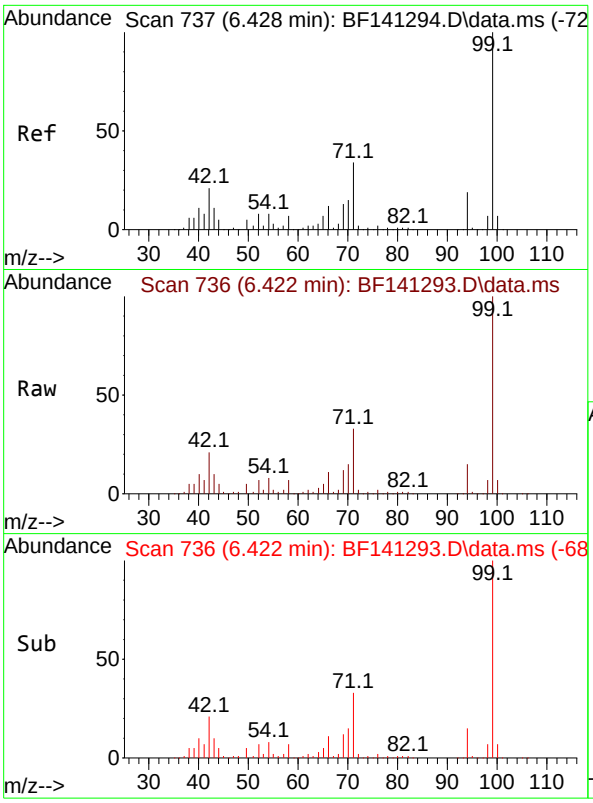


#6
Aniline
Concen: 22.385 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 210459

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.5	48.7
65	20.7	17.0	25.6

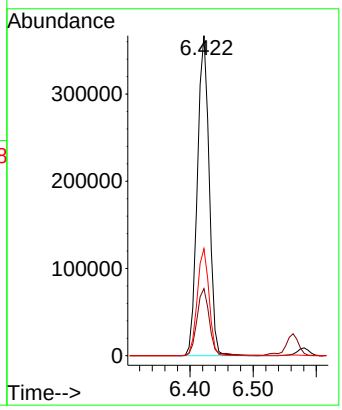




#7
Phenol-d6
Concen: 42.305 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 99 Resp: 47587

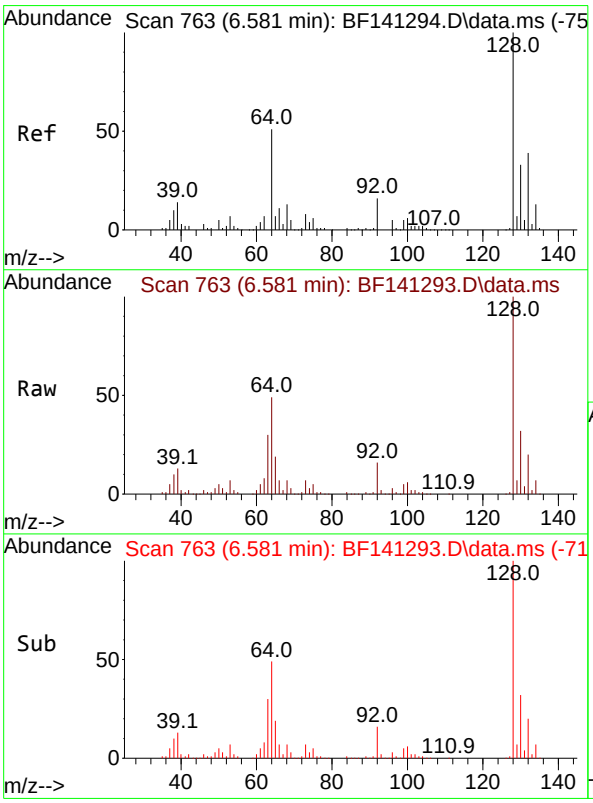
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.1	25.7
71	33.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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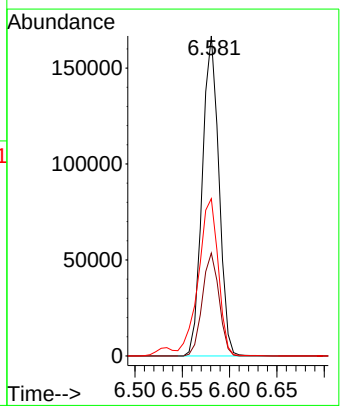
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

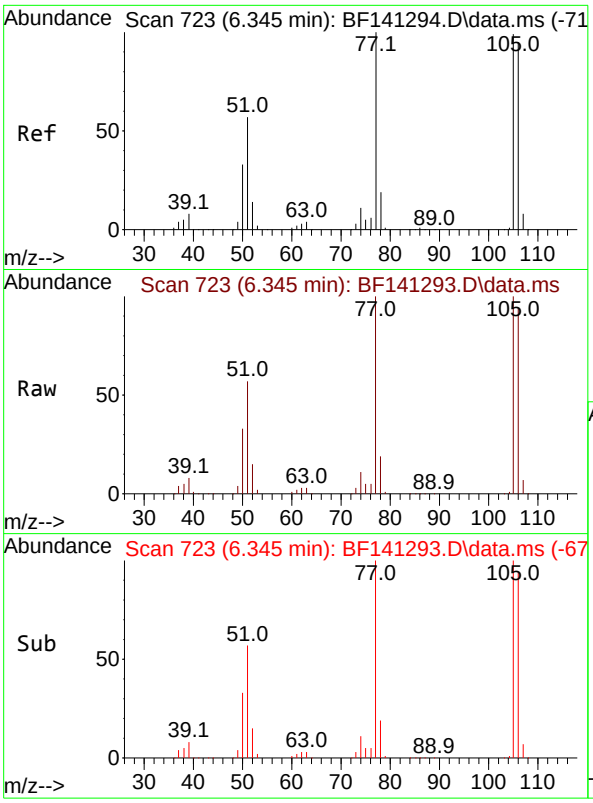


#8
2-Chlorophenol
Concen: 21.418 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 203008

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	49.1	32.9	72.9

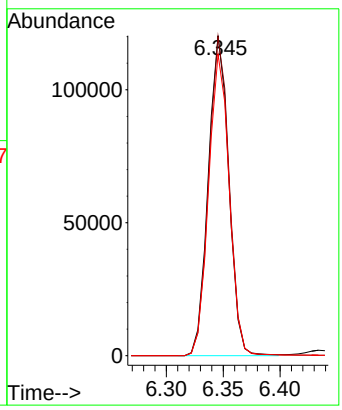




#9
Benzaldehyde
Concen: 23.065 ng
RT: 6.345 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 15067

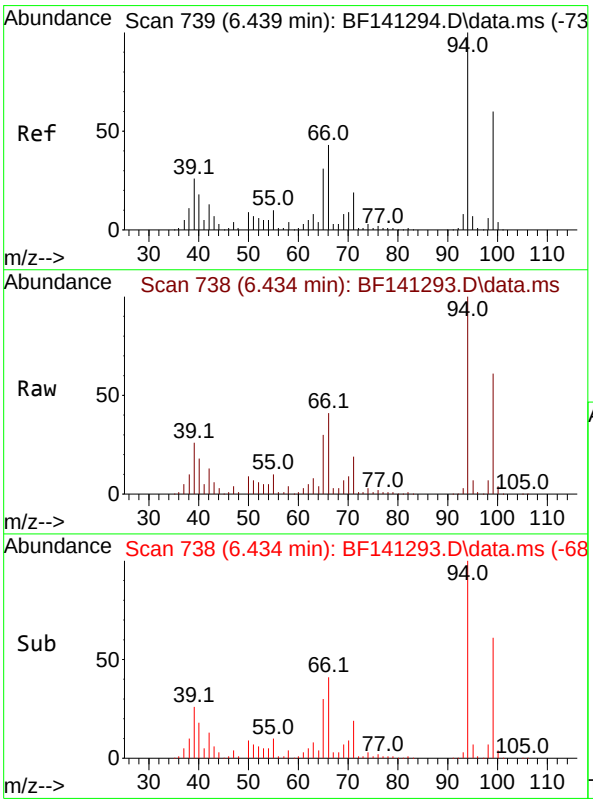
Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.4	119.4
106	94.2	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

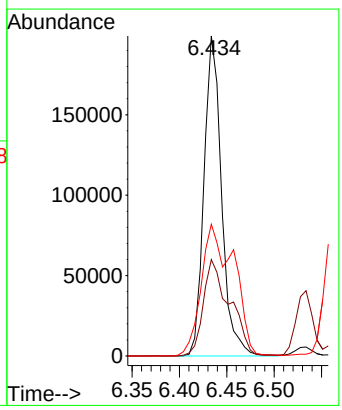
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

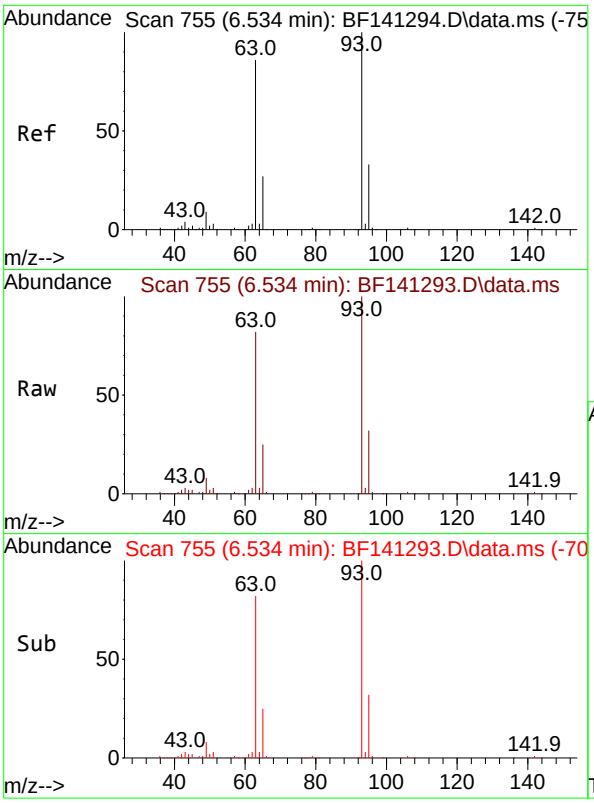


#10
Phenol
Concen: 21.611 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 94 Resp: 257179

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.8	50.8
66	41.1	23.3	63.3





#11
bis(2-Chloroethyl)ether
Concen: 21.260 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

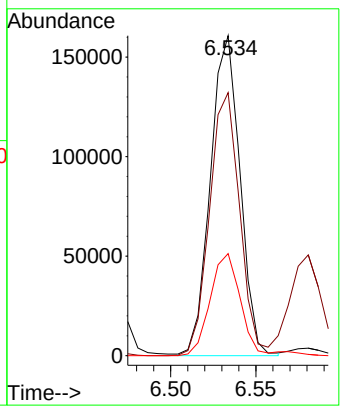
Tgt Ion: 93 Resp: 19457

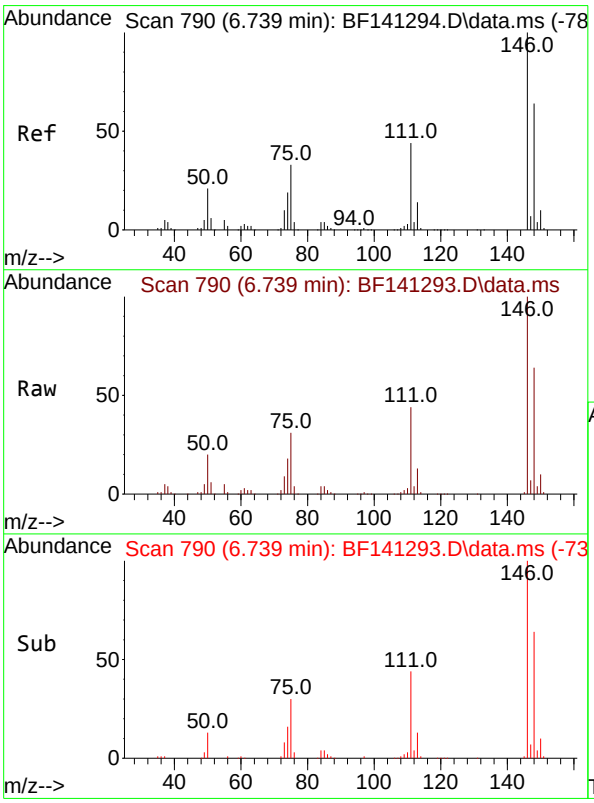
Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.0	105.0
95	31.9	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

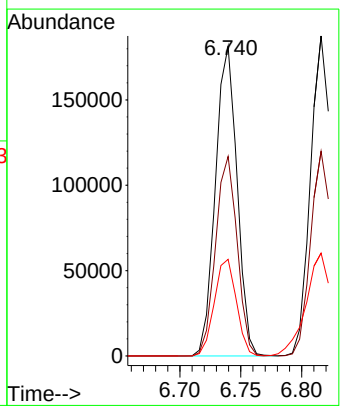


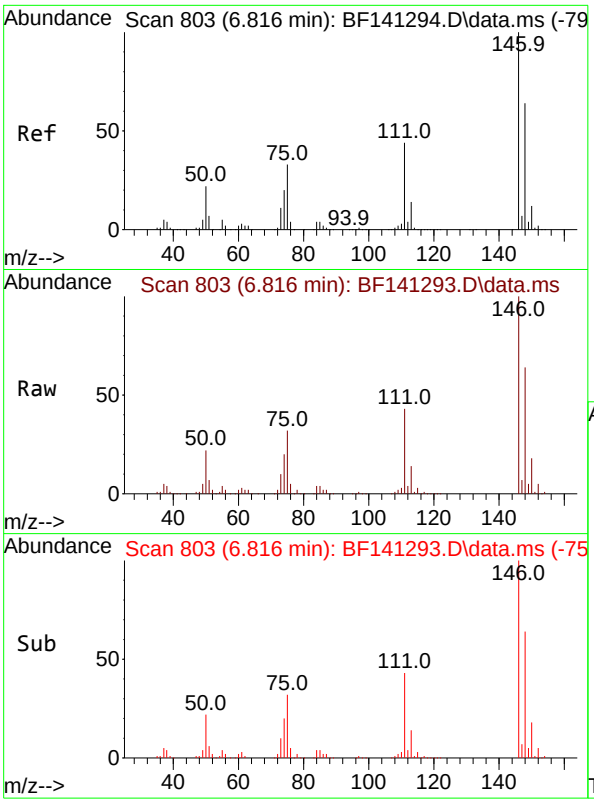


#12
1,3-Dichlorobenzene
Concen: 21.512 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 224880

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	31.2	26.2	39.4

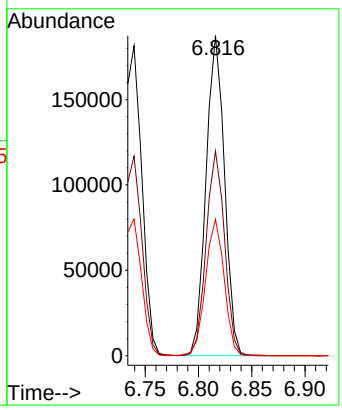




#13
1,4-Dichlorobenzene
Concen: 21.503 ng
RT: 6.816 min Scan# 8(
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 22637(

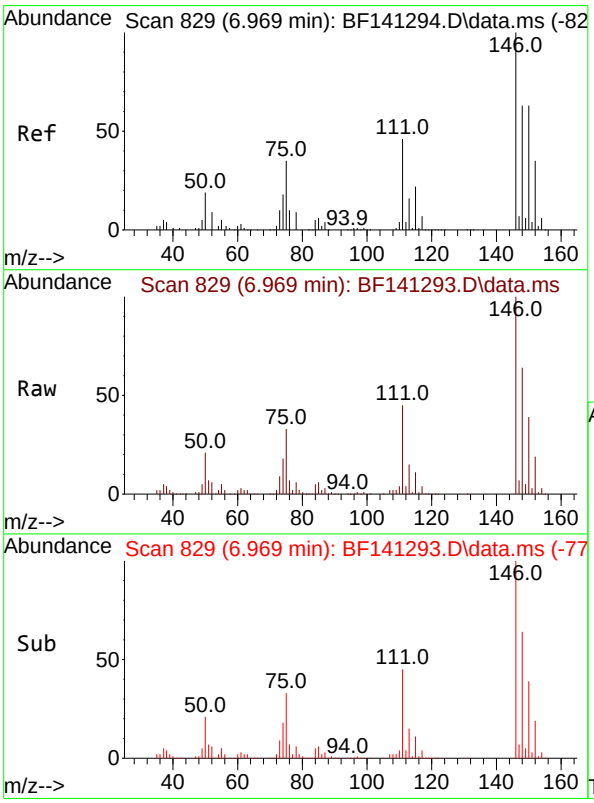
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	42.6	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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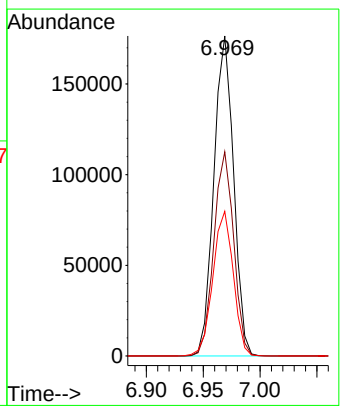
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

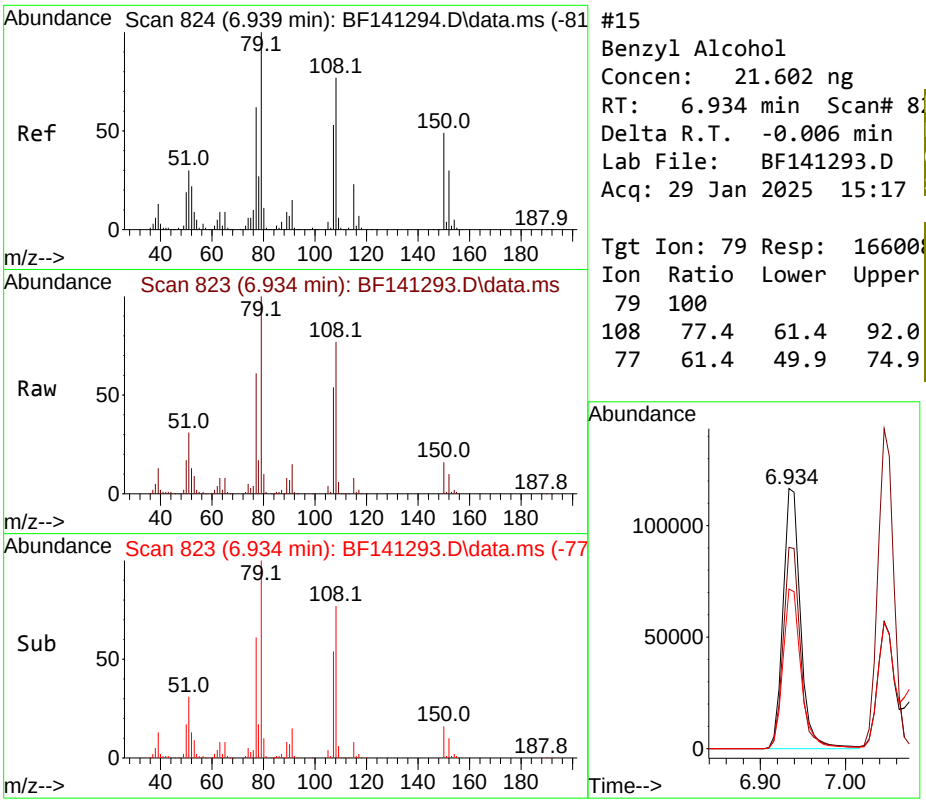


#14
1,2-Dichlorobenzene
Concen: 21.714 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 213616

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	45.2	36.6	55.0





#15
Benzyl Alcohol
Concen: 21.602 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

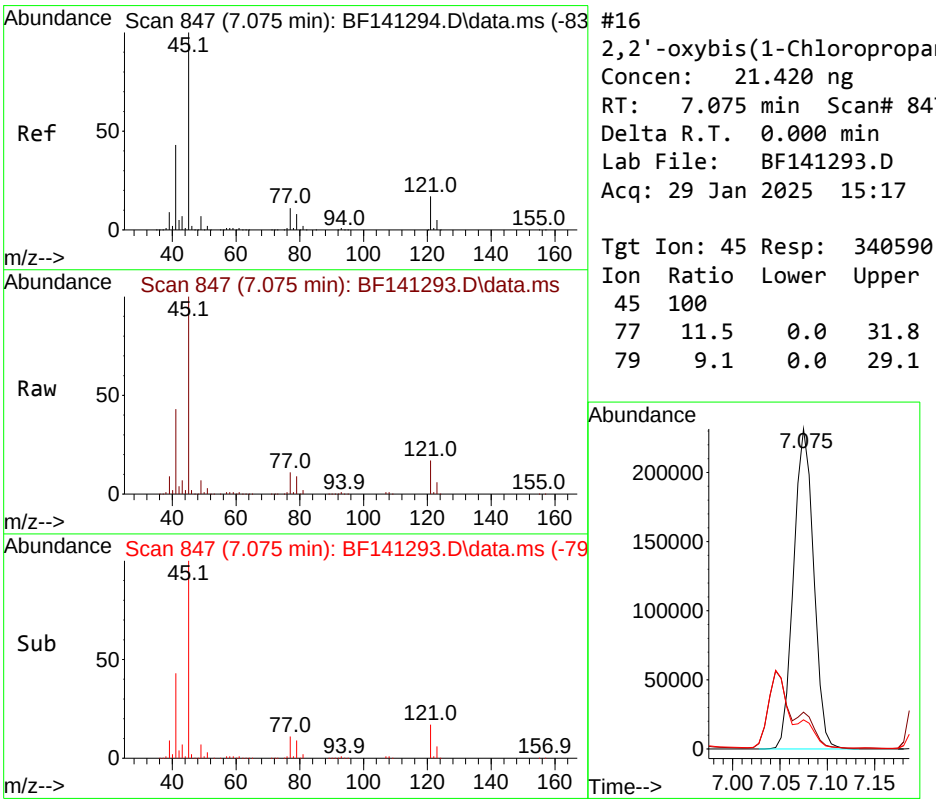
Tgt Ion: 79 Resp: 16600

Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.4	92.0
77	61.4	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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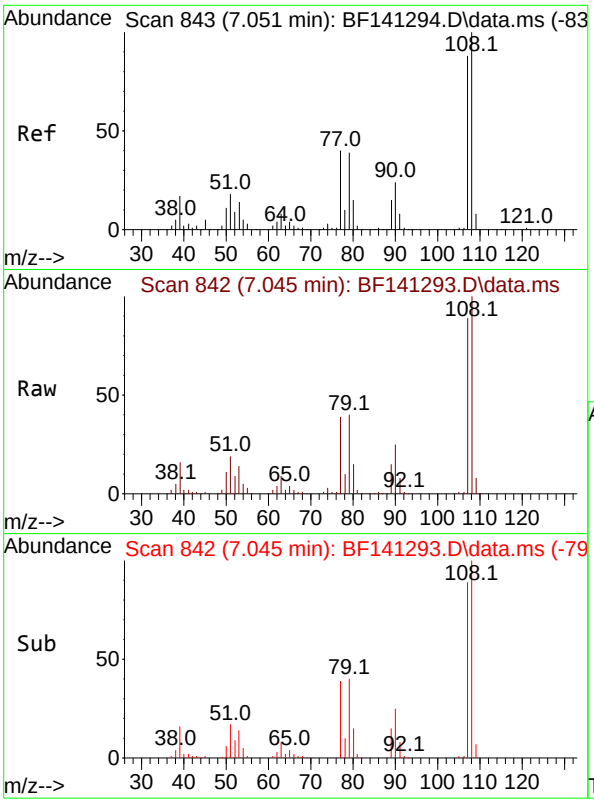
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.420 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 45 Resp: 340590

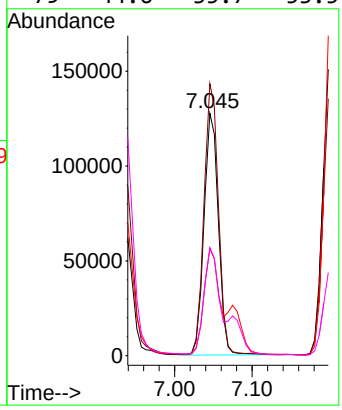
Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.8
79	9.1	0.0	29.1



#17
2-Methylphenol
Concen: 21.525 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 16518

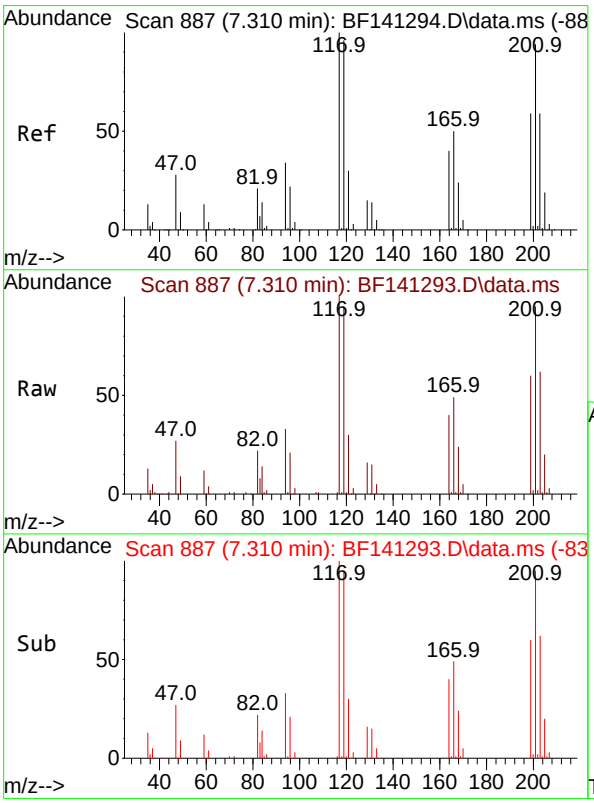
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.8	136.2
77	44.2	36.2	54.4
79	44.6	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

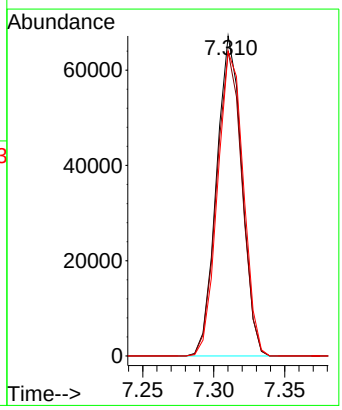
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

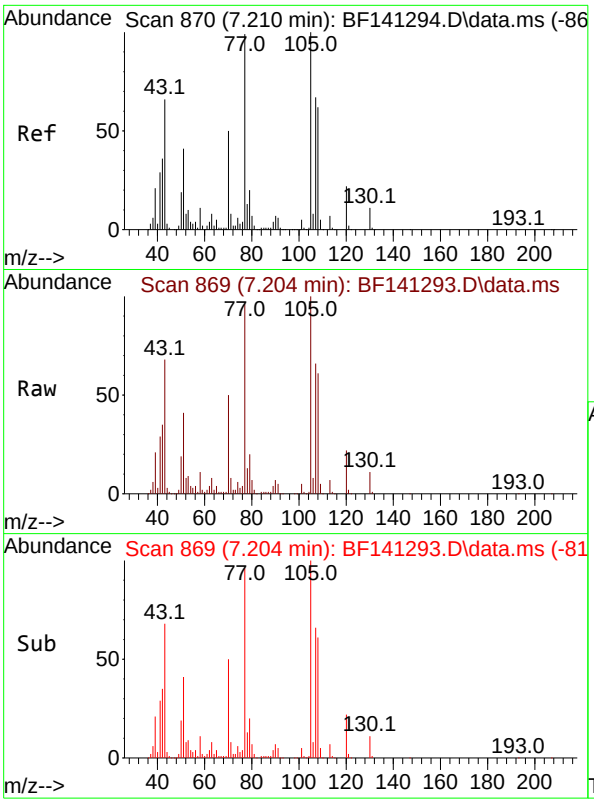


#18
Hexachloroethane
Concen: 21.359 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:117 Resp: 83193

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	114.8
201	95.1	74.8	112.2

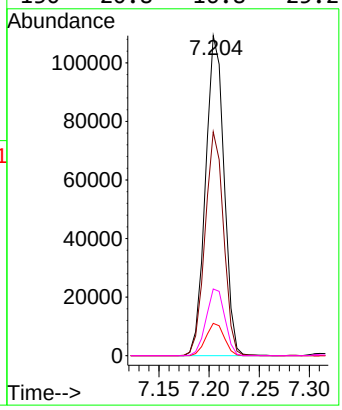




#19
n-Nitroso-di-n-propylamine
Concen: 21.058 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 70 Resp: 14087

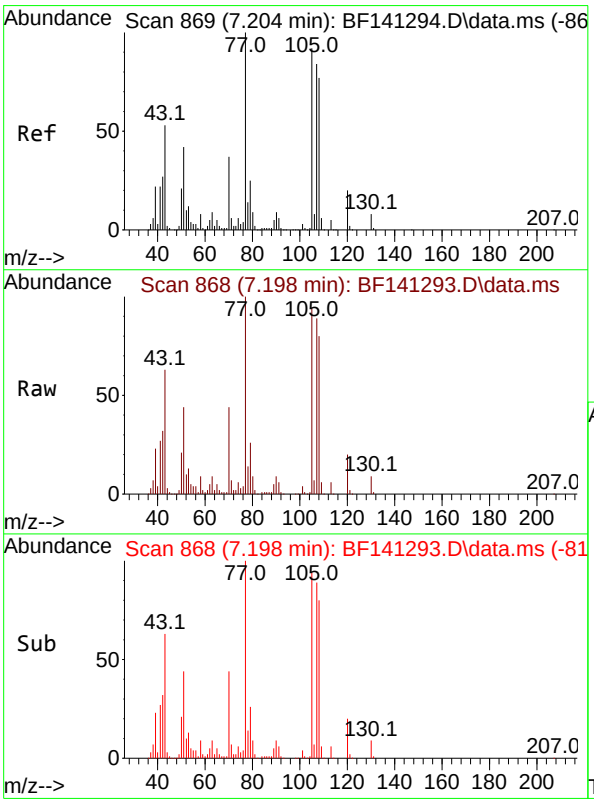
Ion	Ratio	Lower	Upper
70	100		
42	69.9	56.8	85.2
101	10.1	7.7	11.5
130	20.8	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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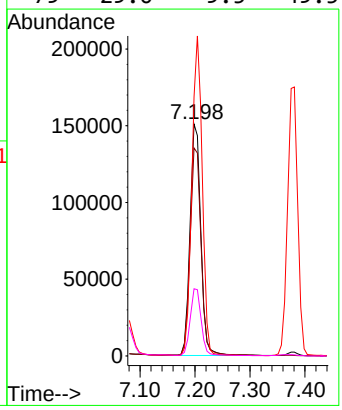
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

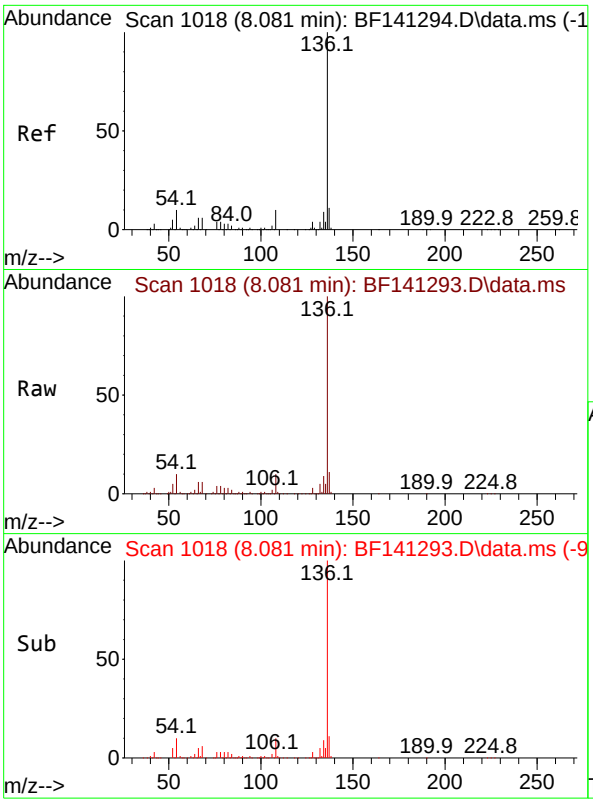


#20
3+4-Methylphenols
Concen: 21.734 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 205070

Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.9	110.9
77	111.7	98.5	138.5
79	29.0	9.5	49.5

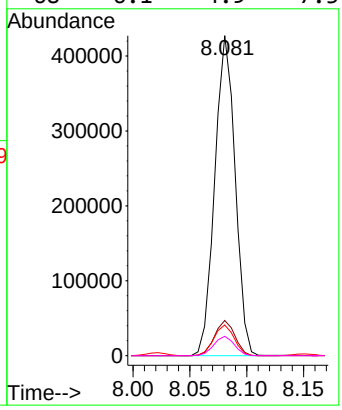




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:136 Resp: 53286

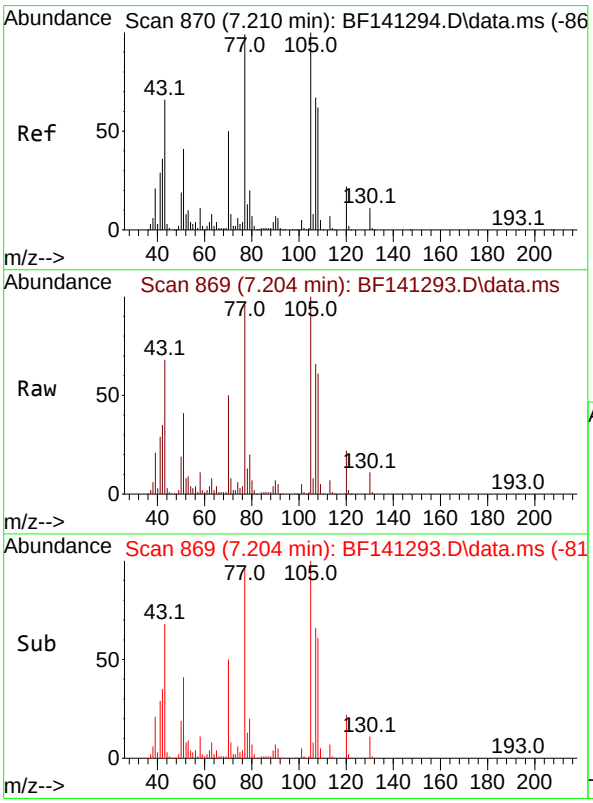
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.8	11.8
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

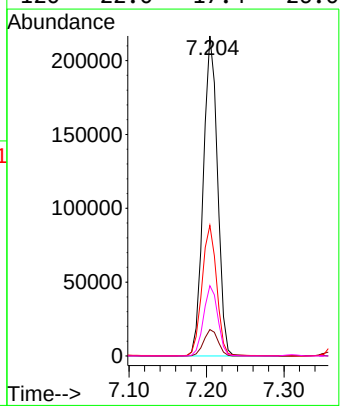
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

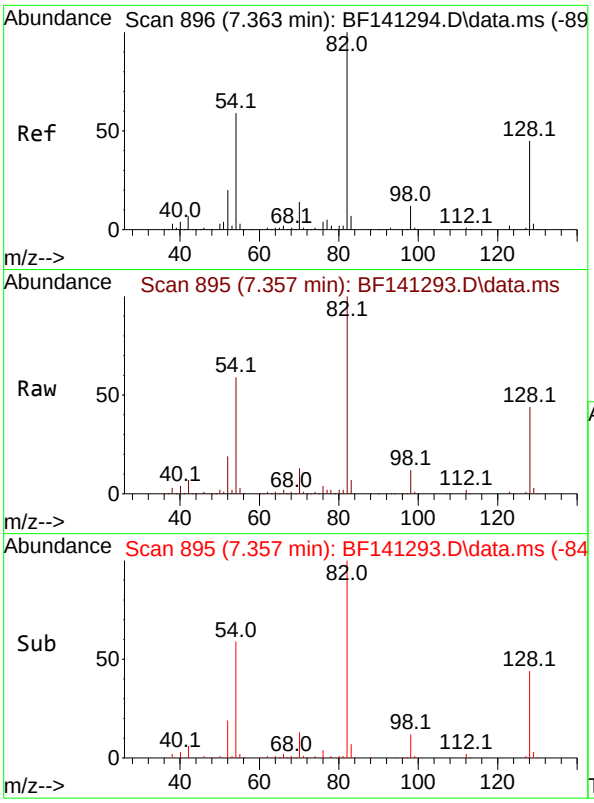


#22
Acetophenone
Concen: 21.825 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:105 Resp: 275680

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.8	10.2
51	40.8	32.6	49.0
120	22.0	17.4	26.0

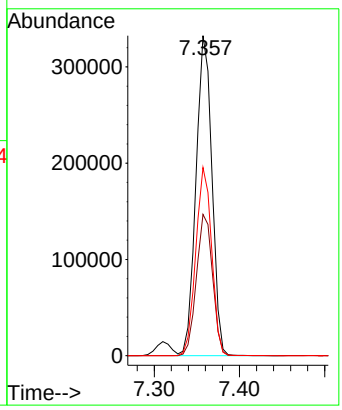




#23
Nitrobenzene-d5
Concen: 42.912 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 82 Resp: 43216

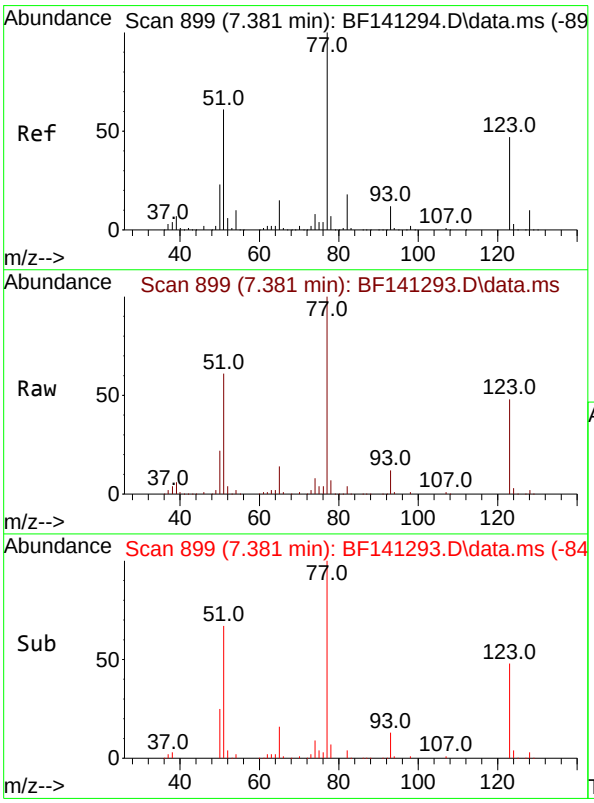
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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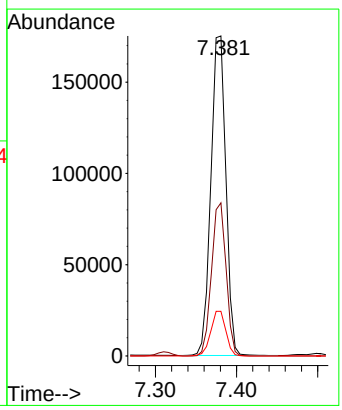
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

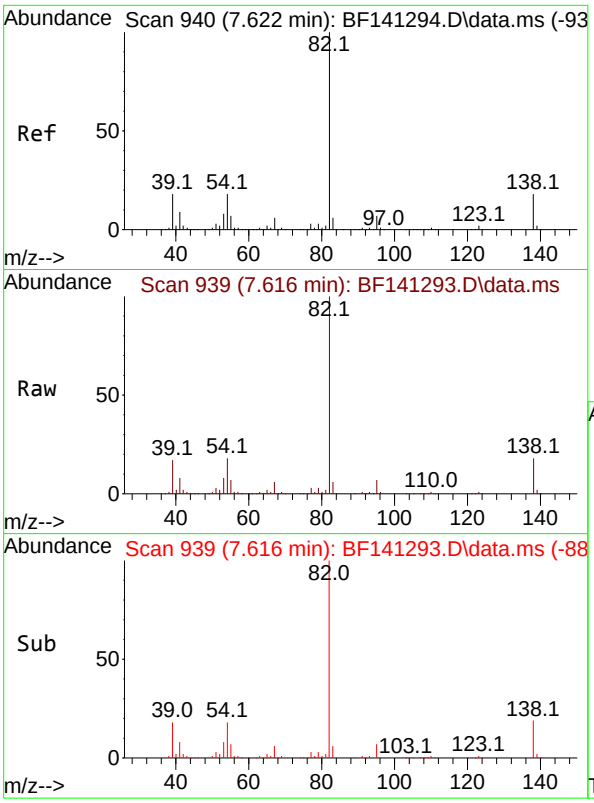


#24
Nitrobenzene
Concen: 21.451 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 224061

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.3	55.9
65	13.9	11.8	17.6

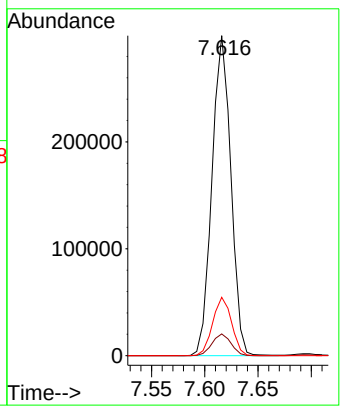




#25
Isophorone
Concen: 21.259 ng
RT: 7.616 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 82 Resp: 36999

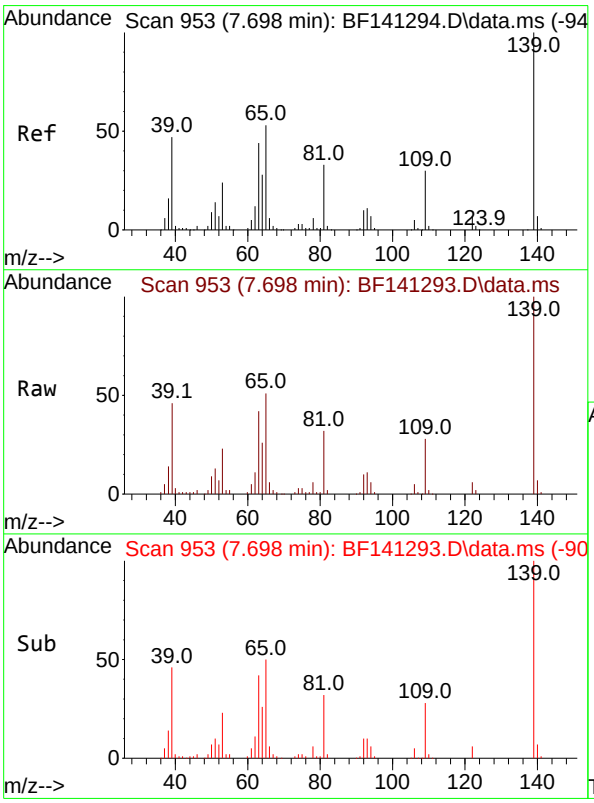
Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.2	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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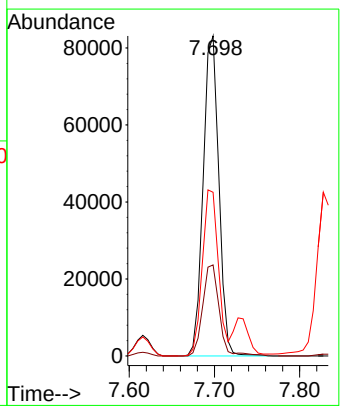
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

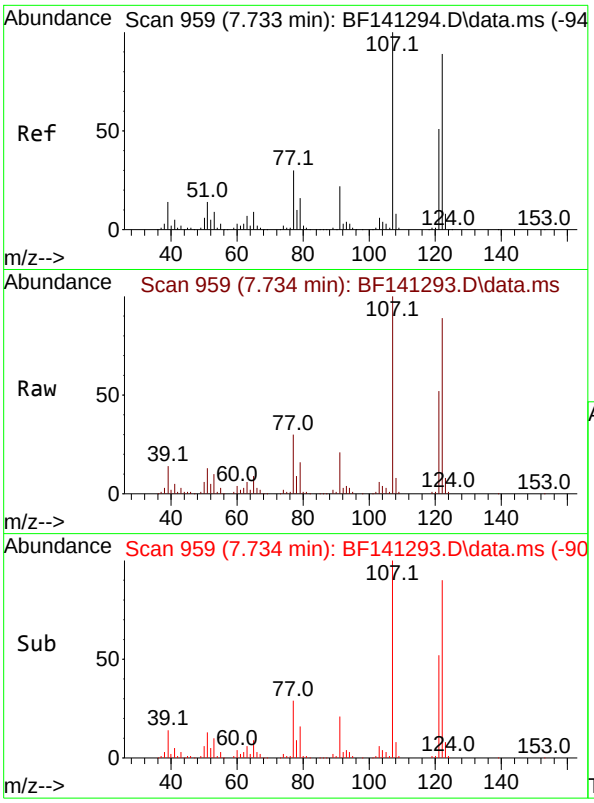


#26
2-Nitrophenol
Concen: 21.725 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 106287

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.8	35.6
65	51.2	42.2	63.4

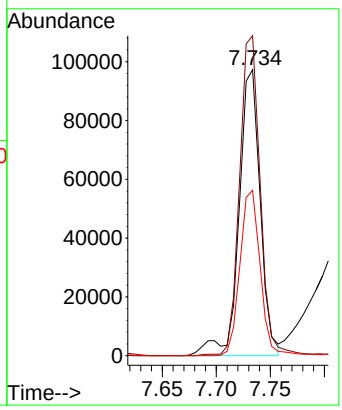




#27
2,4-Dimethylphenol
Concen: 21.233 ng m
RT: 7.734 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:122 Resp: 13274

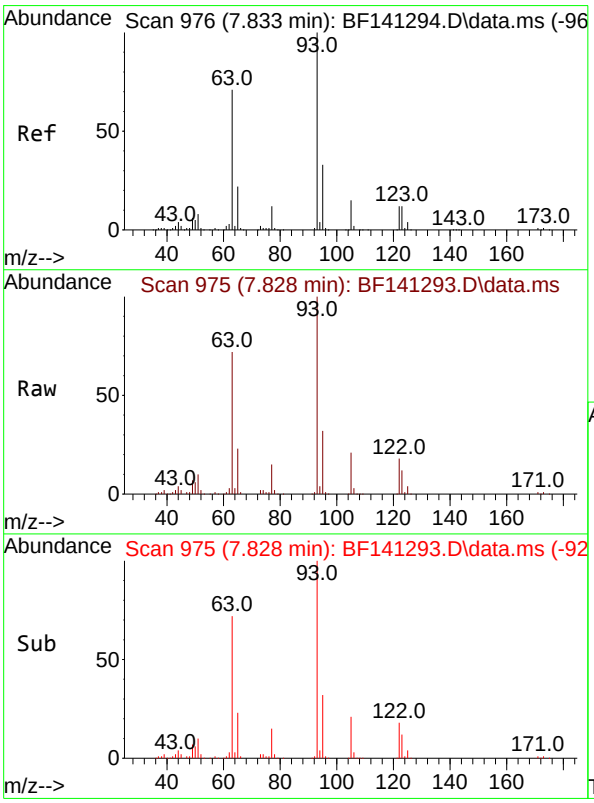
Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.9	134.9
121	57.8	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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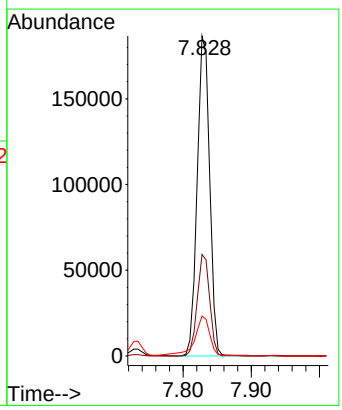
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

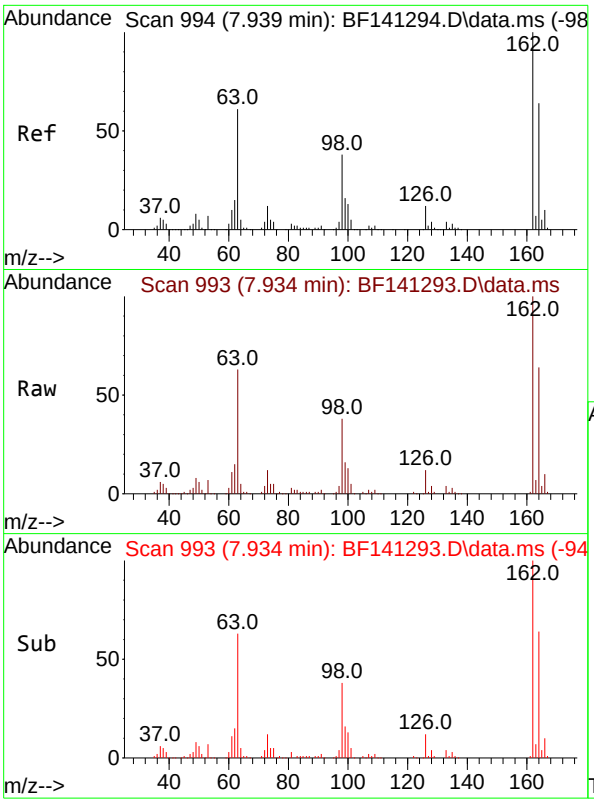


#28
bis(2-Chloroethoxy)methane
Concen: 21.403 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 237369

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.5	10.2	15.4

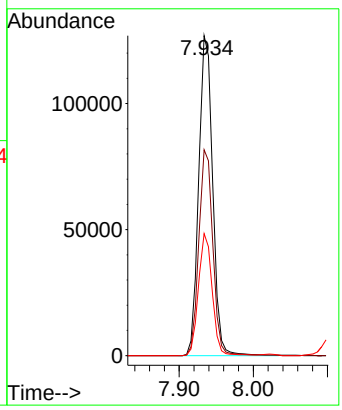




#29
2,4-Dichlorophenol
Concen: 21.750 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:162 Resp: 16615

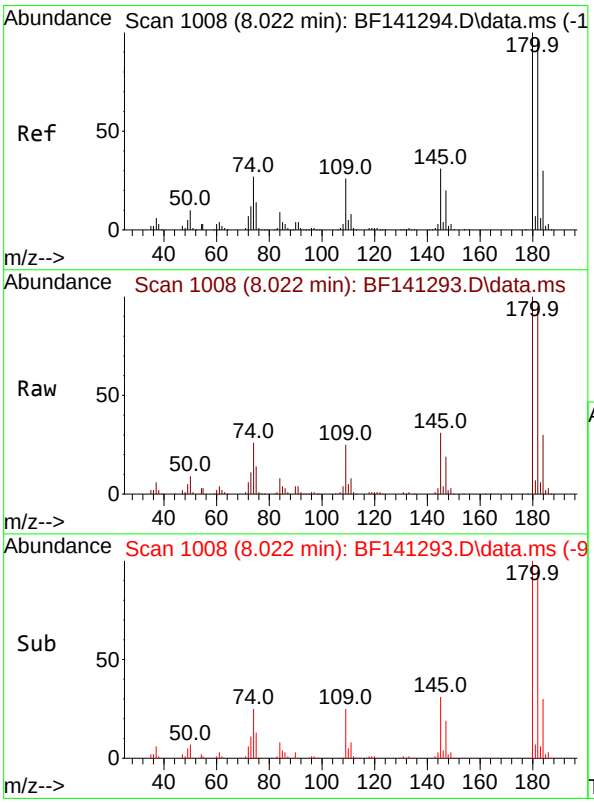
Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.1	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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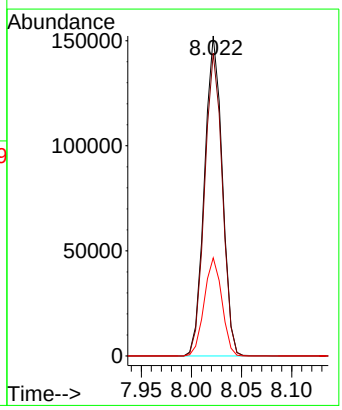
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

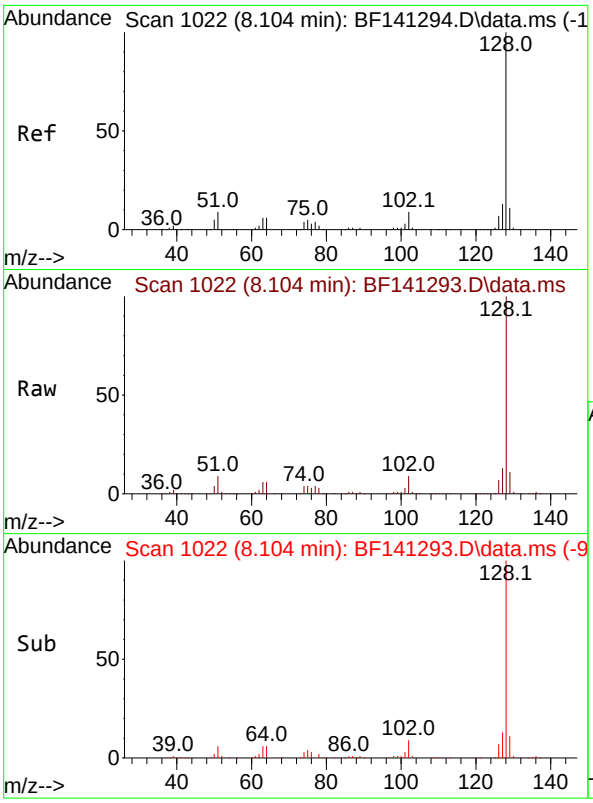


#30
1,2,4-Trichlorobenzene
Concen: 21.511 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:180 Resp: 188468

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	30.6	24.9	37.3

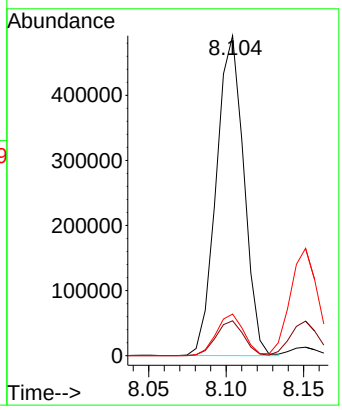




#31
Naphthalene
Concen: 21.681 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 60762

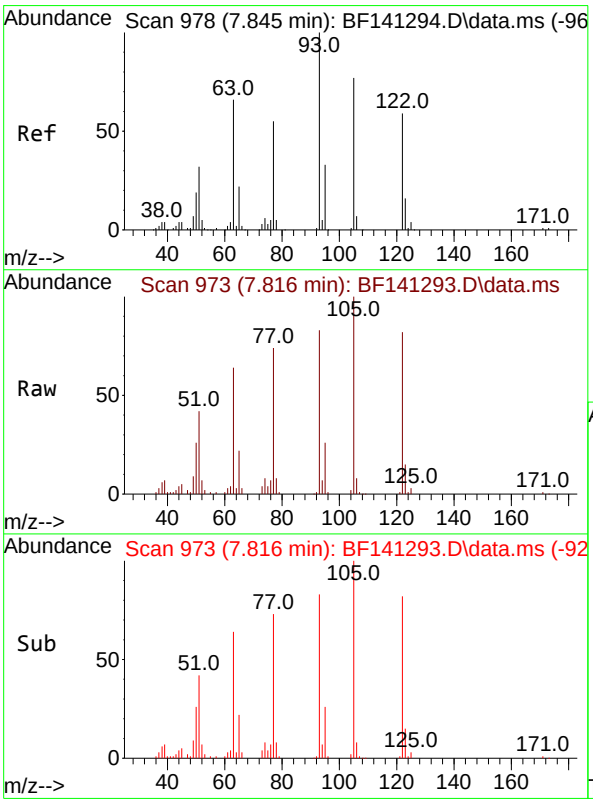
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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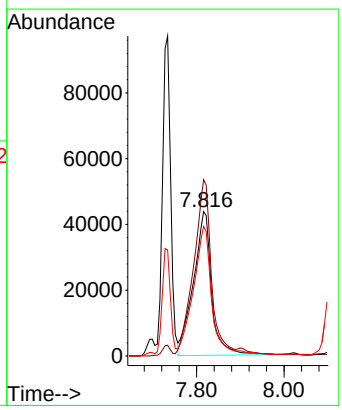
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

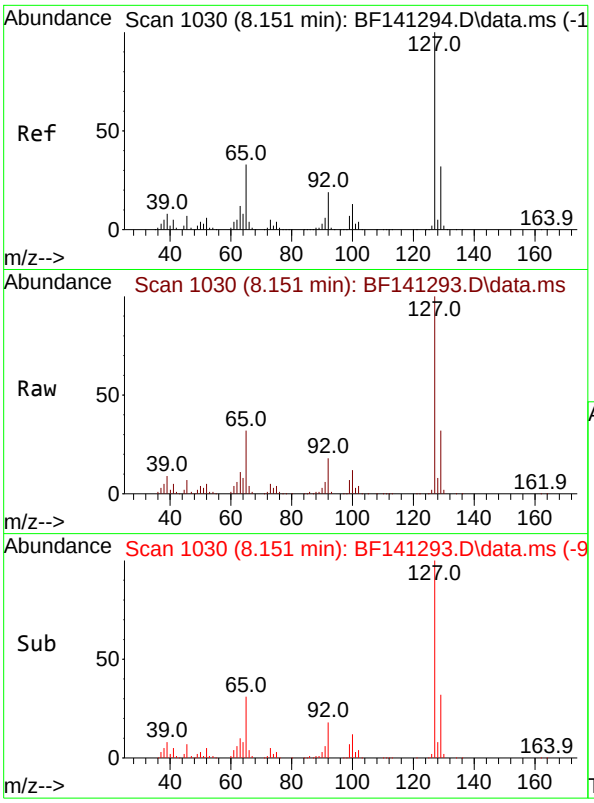


#32
Benzoic acid
Concen: 22.321 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.029 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:122 Resp: 126734

Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.4	143.4
77	89.9	70.9	110.9

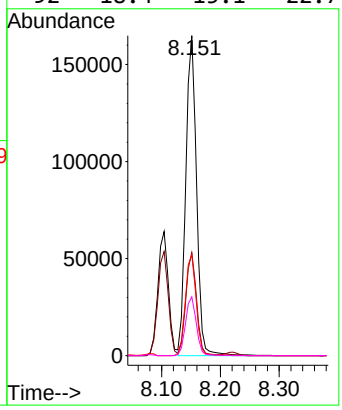




#33
4-Chloroaniline
Concen: 22.151 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:127 Resp: 20853

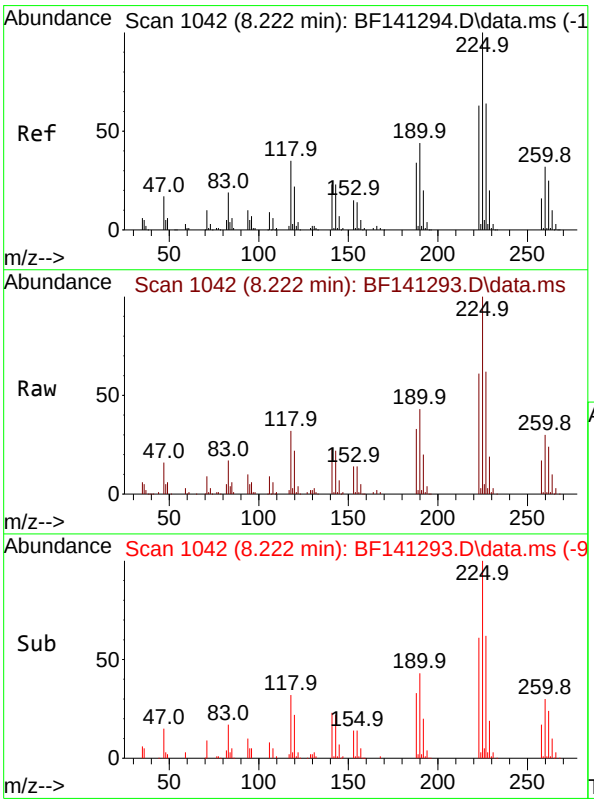
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.6	26.4	39.6
92	18.4	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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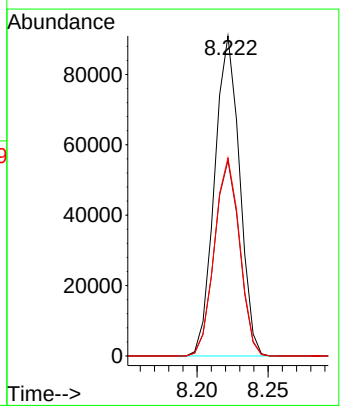
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

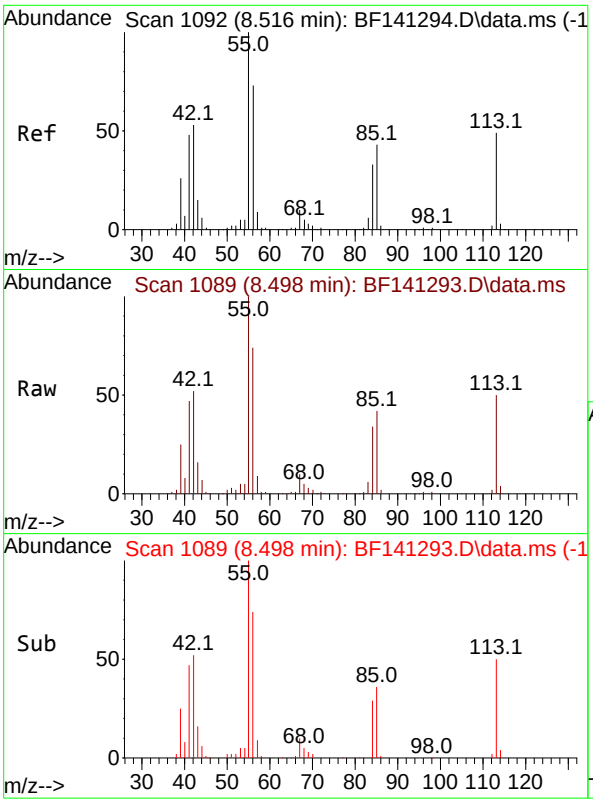


#34
Hexachlorobutadiene
Concen: 21.699 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:225 Resp: 111274

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.4	75.6
227	61.9	51.3	76.9





#35
Caprolactam
Concen: 21.968 ng
RT: 8.498 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

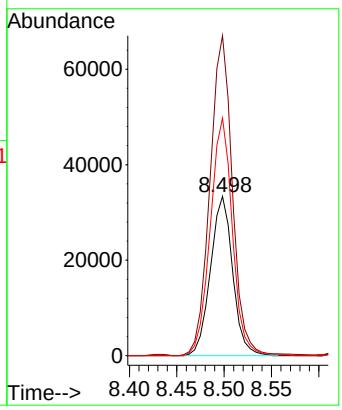
Tgt Ion:113 Resp: 5428

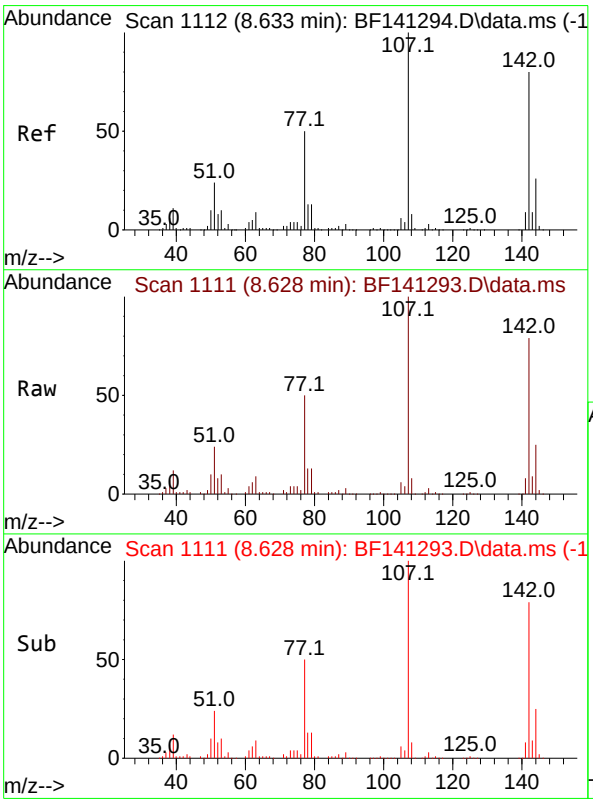
Ion	Ratio	Lower	Upper
113	100		
55	200.9	182.9	222.9
56	149.2	127.9	167.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

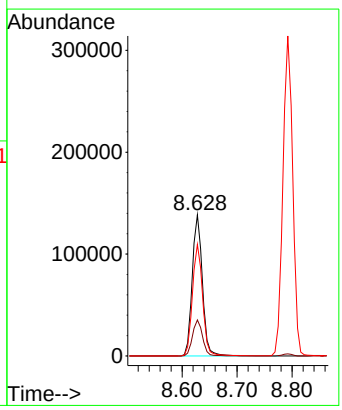


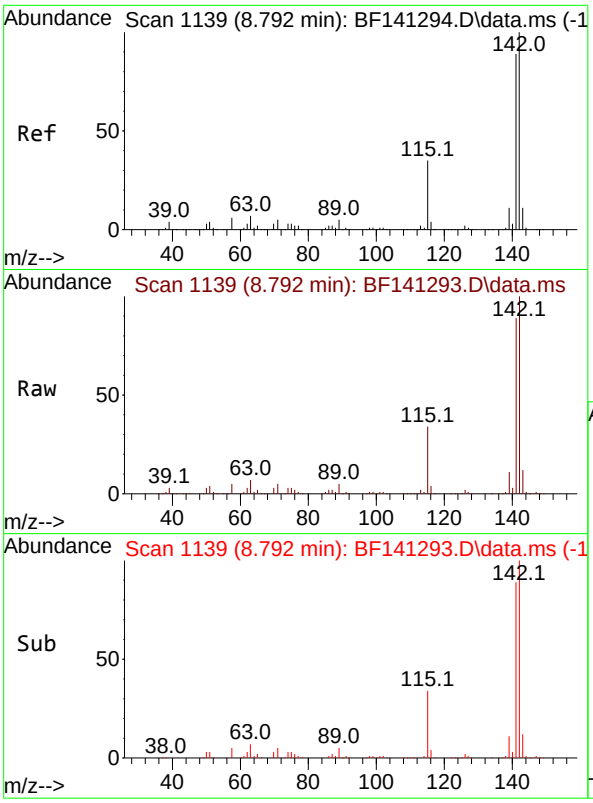


#36
4-Chloro-3-methylphenol
Concen: 21.708 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 177981

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.7	31.1
142	79.0	63.8	95.8

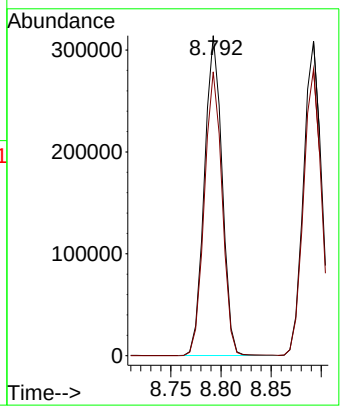




#37
2-Methylnaphthalene
Concen: 21.630 ng
RT: 8.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:142 Resp: 38603

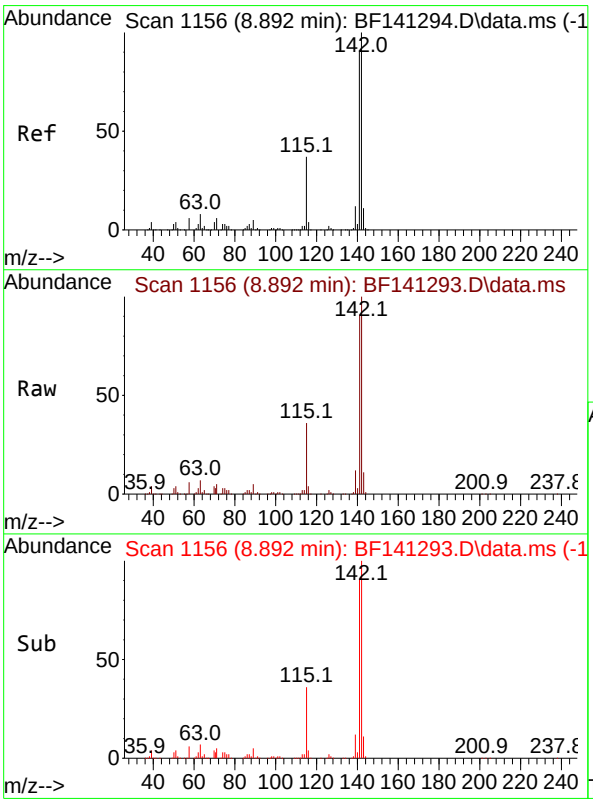
Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

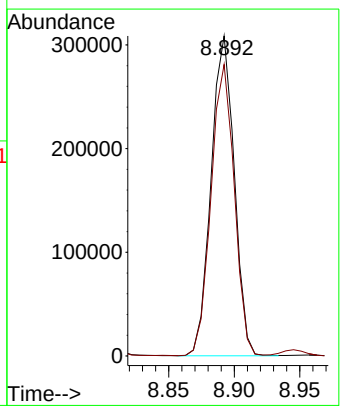
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

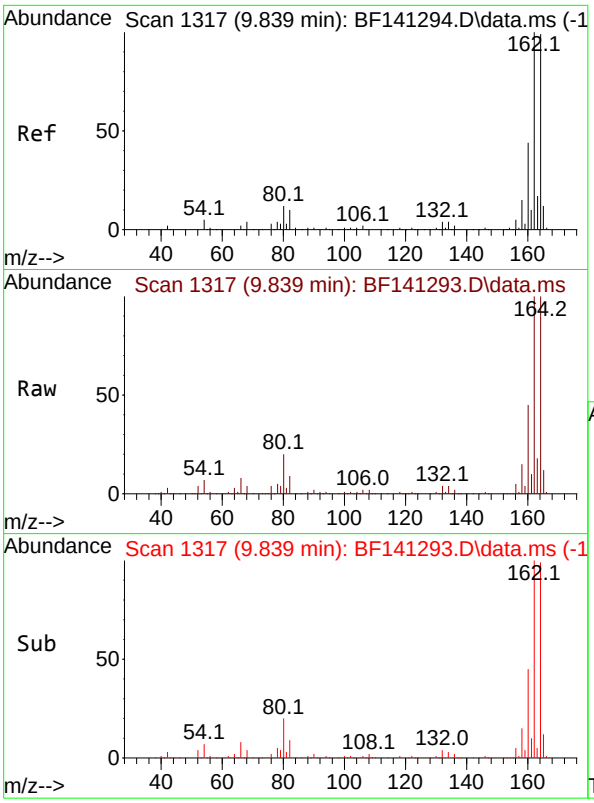


#38
1-Methylnaphthalene
Concen: 21.671 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:142 Resp: 378878

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8

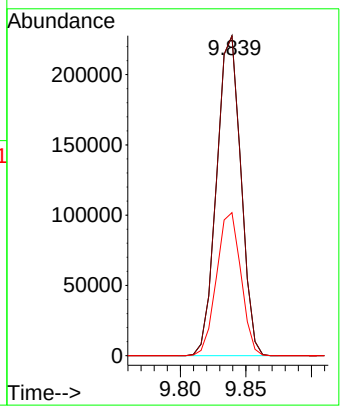




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:164 Resp: 29308

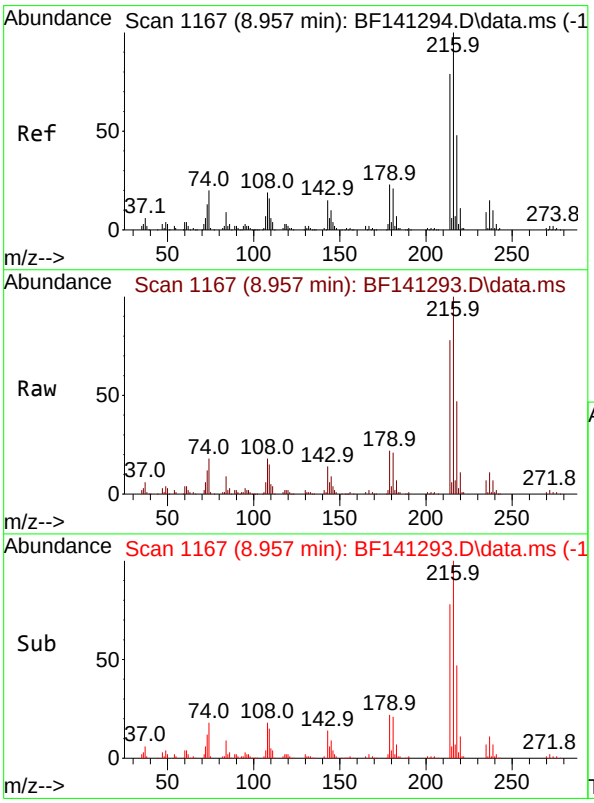
Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	44.7	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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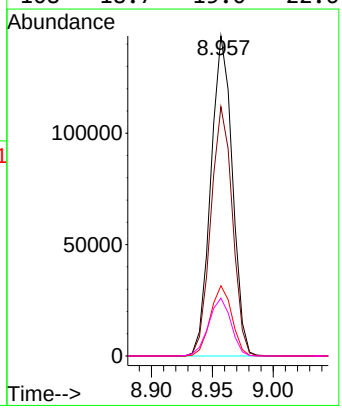
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

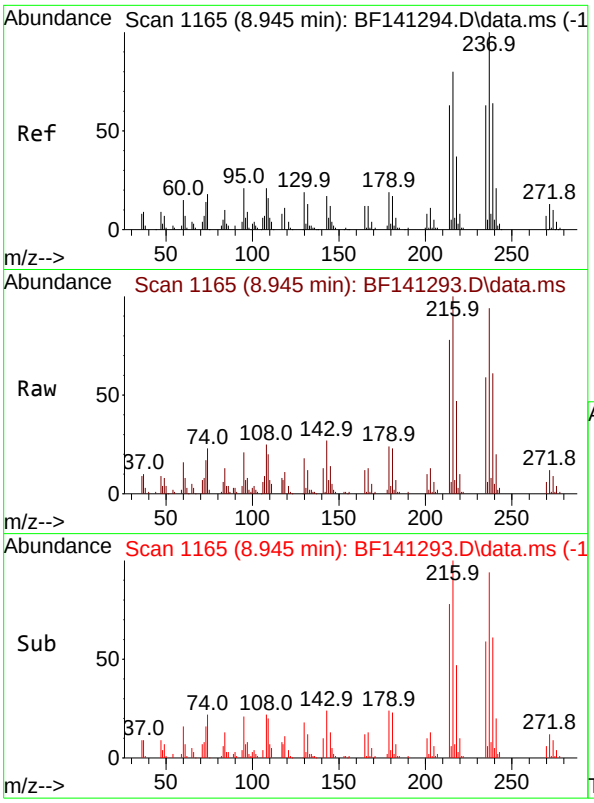


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.209 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:216 Resp: 176736

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.2	94.8
179	21.9	17.8	26.8
108	18.7	15.0	22.6

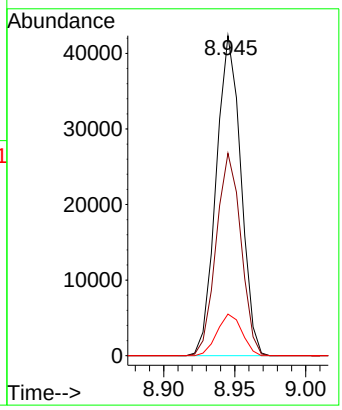




#41
Hexachlorocyclopentadiene
Concen: 20.438 ng
RT: 8.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:237 Resp: 5111

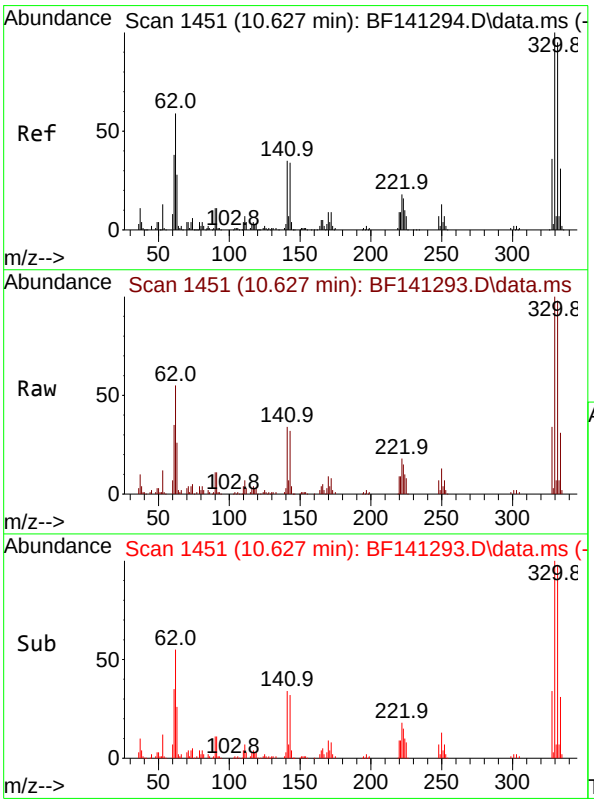
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.9	82.9
272	13.0	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

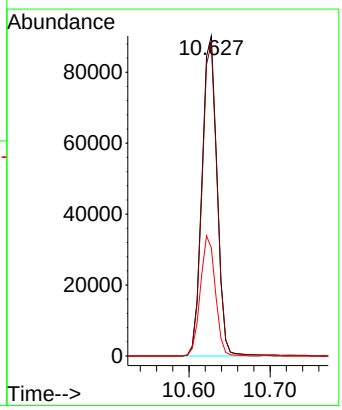
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

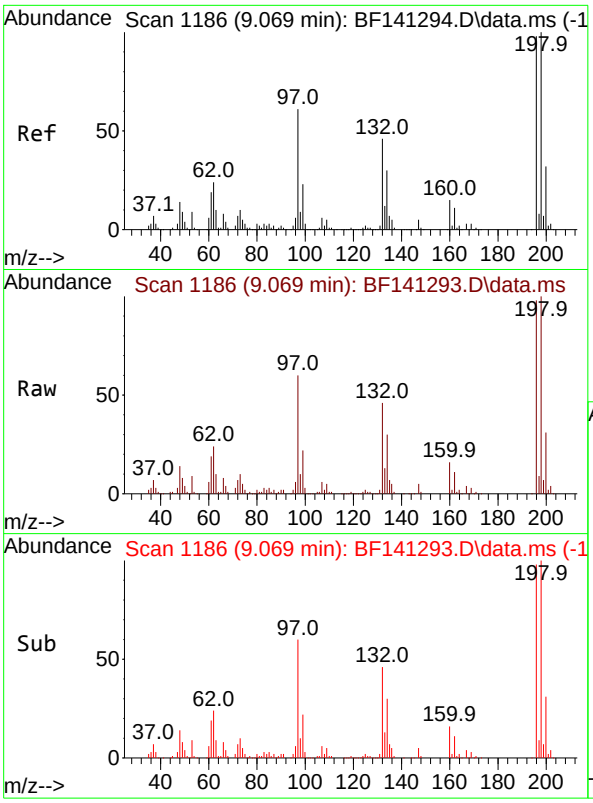


#42
2,4,6-Tribromophenol
Concen: 43.498 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:330 Resp: 116167

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	37.2	28.8	43.2

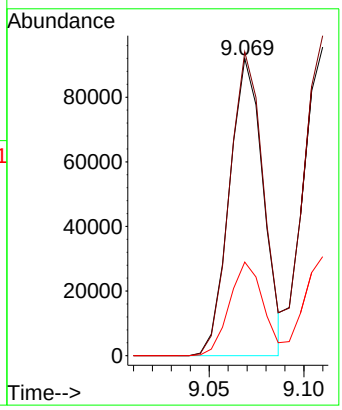




#43
2,4,6-Trichlorophenol
Concen: 21.029 ng
RT: 9.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:196 Resp: 11439

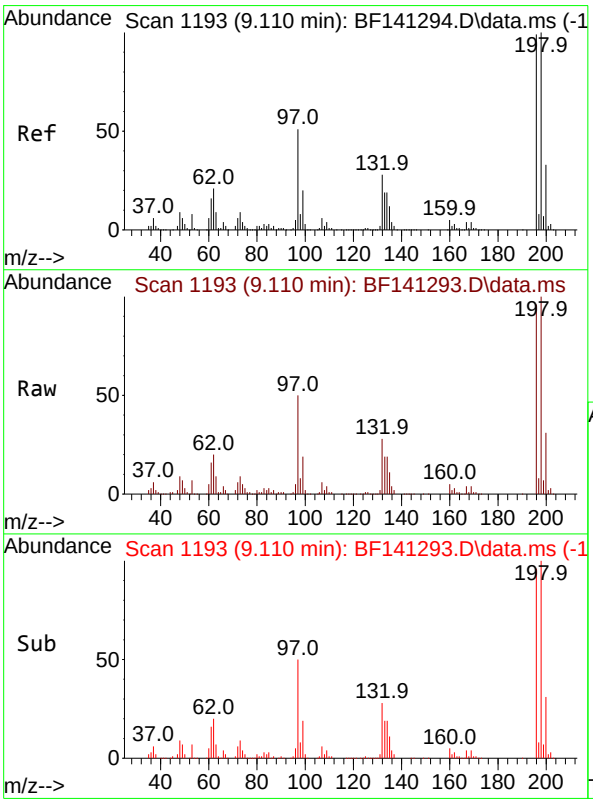
Ion	Ratio	Lower	Upper
196	100		
198	102.3	81.8	122.6
200	31.5	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

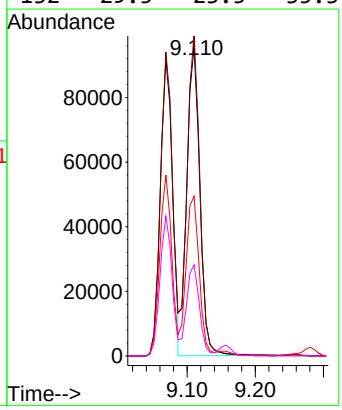
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

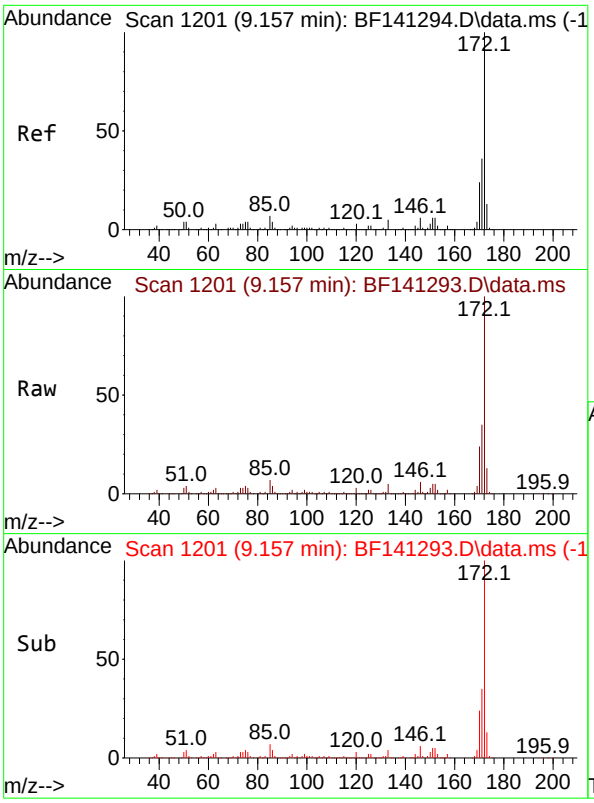


#44
2,4,5-Trichlorophenol
Concen: 21.245 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:196 Resp: 125725

Ion	Ratio	Lower	Upper
196	100		
198	103.7	80.5	120.7
97	51.8	42.8	64.2
132	29.5	23.5	35.3

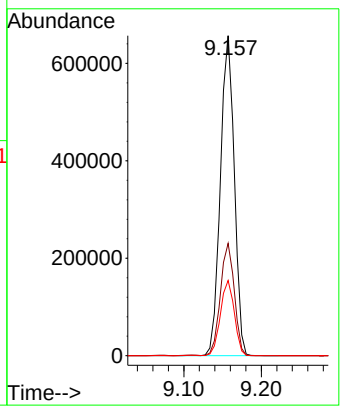




#45
2-Fluorobiphenyl
Concen: 43.127 ng
RT: 9.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:172 Resp: 81937

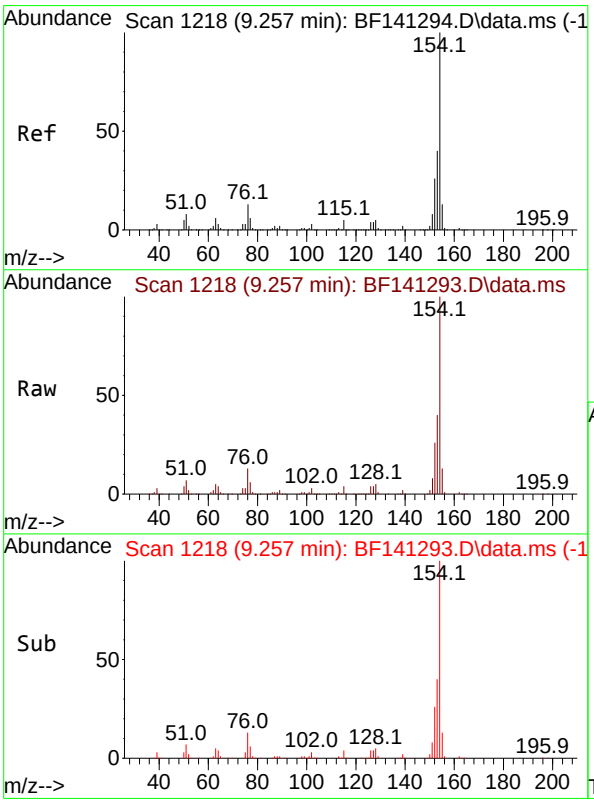
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

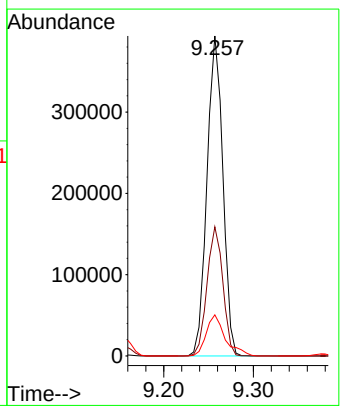
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

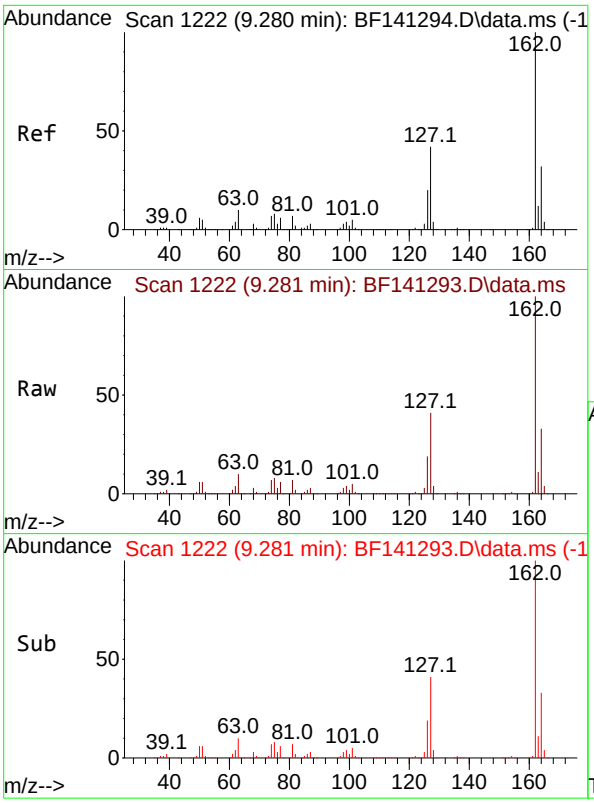


#46
1,1'-Biphenyl
Concen: 21.145 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 483479

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.0	60.0
76	12.8	0.0	32.8

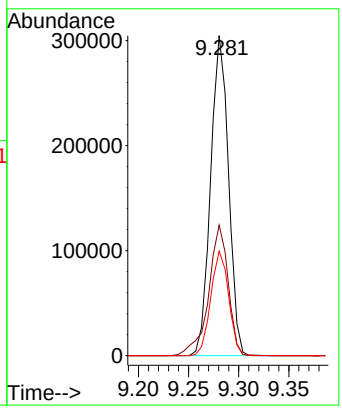




#47
2-Chloronaphthalene
Concen: 21.282 ng
RT: 9.281 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:162 Resp: 37794

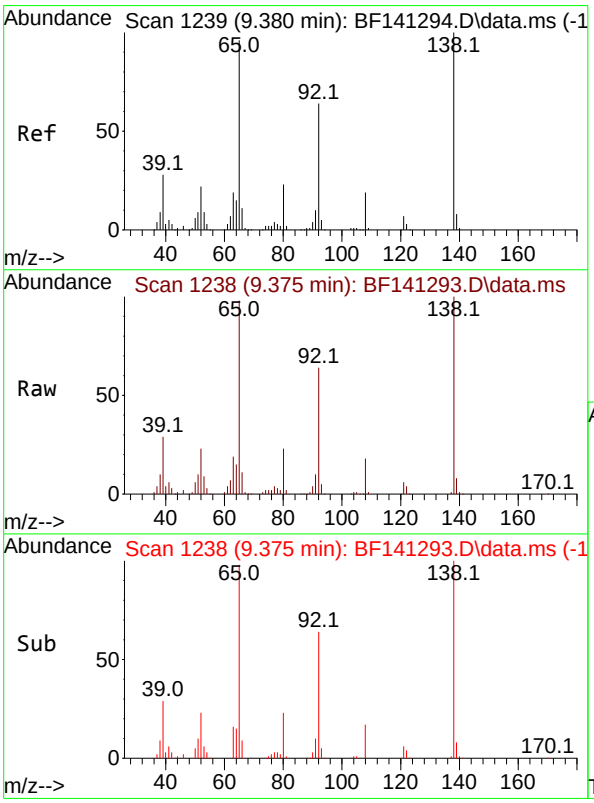
Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	32.7	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

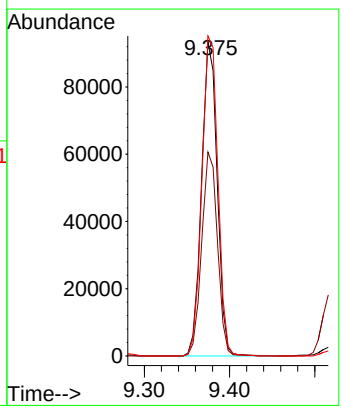
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

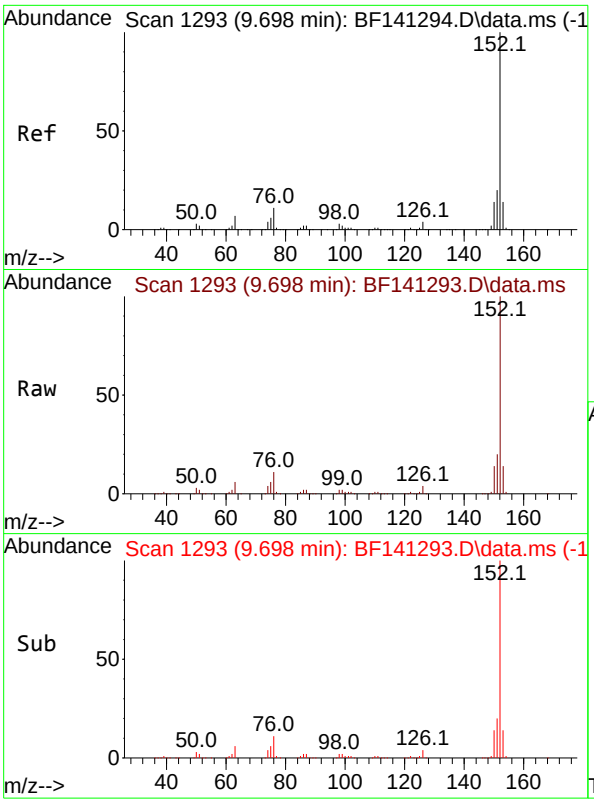


#48
2-Nitroaniline
Concen: 21.310 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 65 Resp: 119359

Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.3	79.9
138	102.0	83.6	125.4

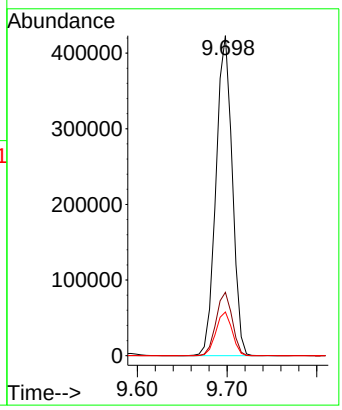




#49
Acenaphthylene
Concen: 21.328 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:152 Resp: 53195

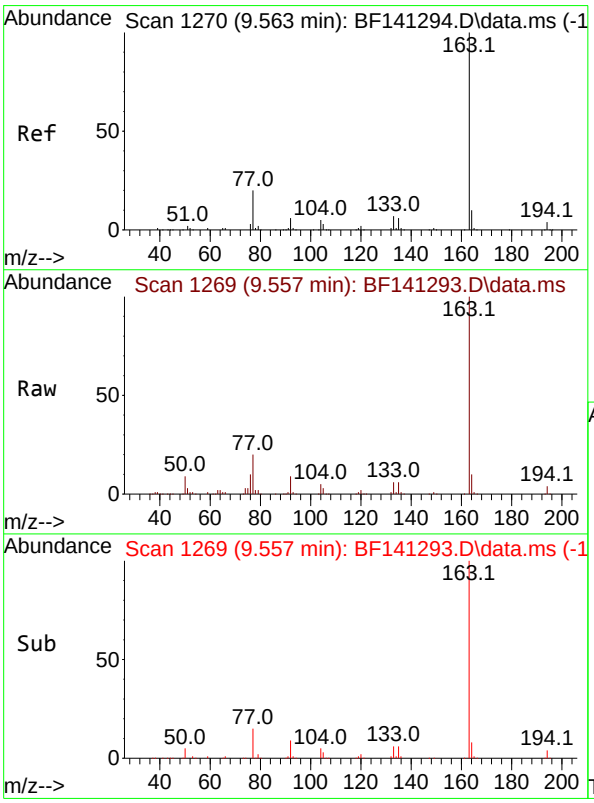
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.7	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

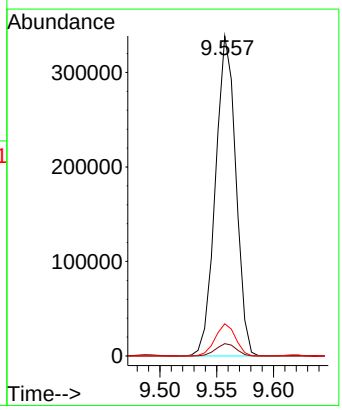
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

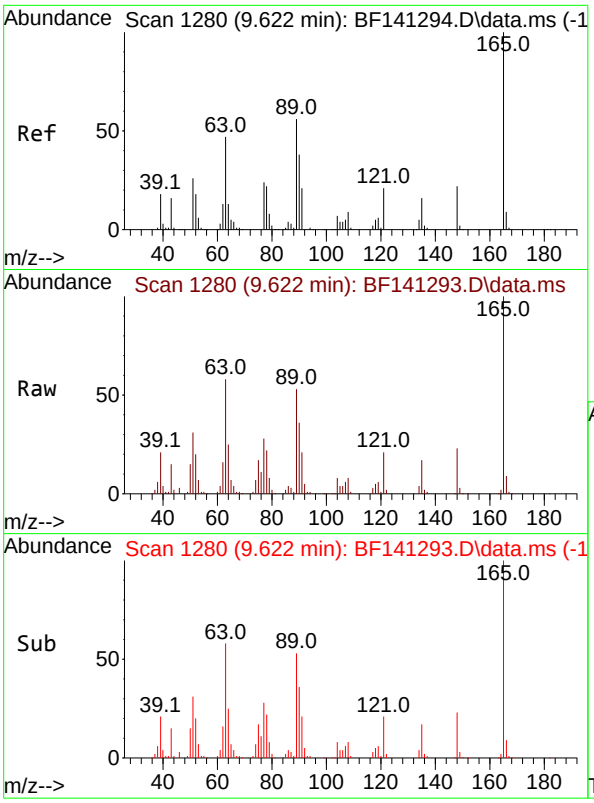


#50
Dimethylphthalate
Concen: 21.542 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:163 Resp: 423377

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0

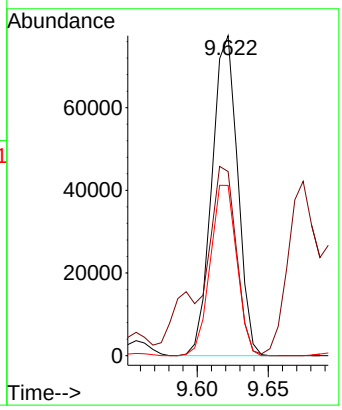




#51
2,6-Dinitrotoluene
Concen: 21.345 ng
RT: 9.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:165 Resp: 9762

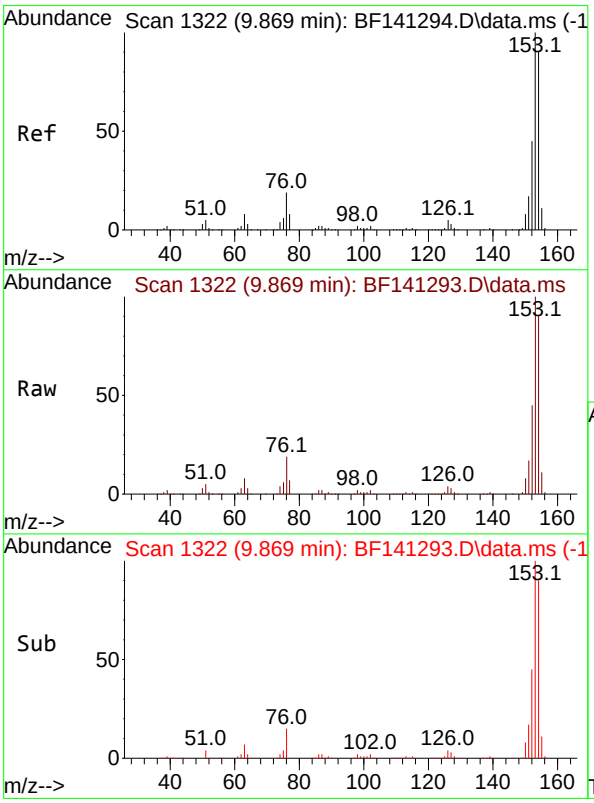
Ion	Ratio	Lower	Upper
165	100		
63	57.6	48.1	72.1
89	53.2	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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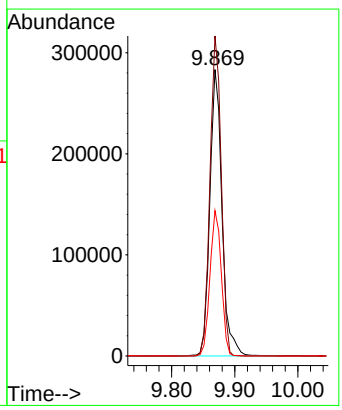
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

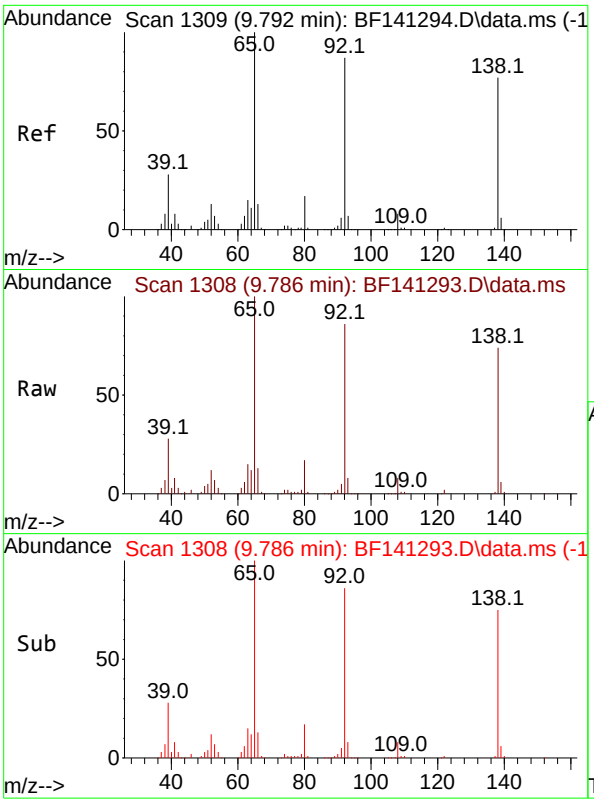


#52
Acenaphthene
Concen: 21.328 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 378511

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.0	133.4
152	50.7	40.2	60.4





#53
3-Nitroaniline
Concen: 22.123 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

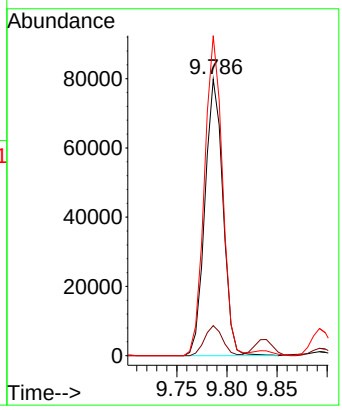
Tgt Ion:138 Resp: 10008

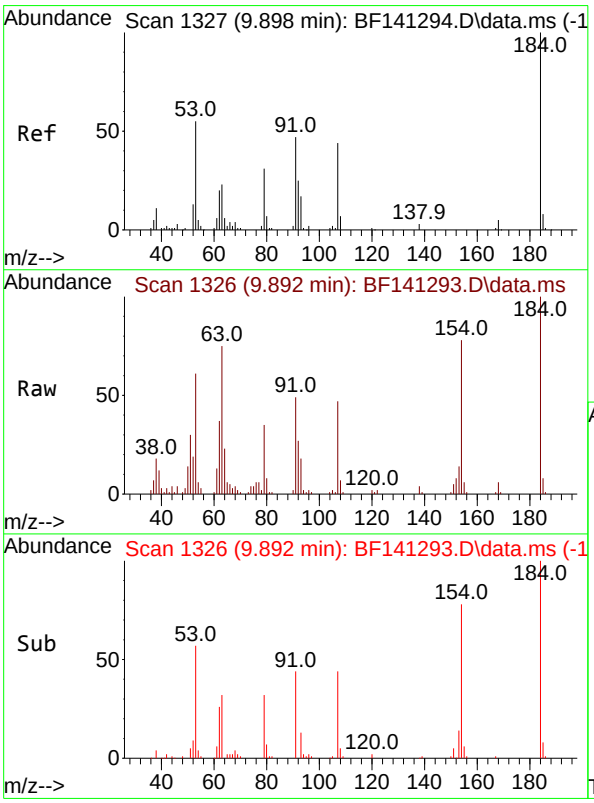
Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	12.8
92	115.8	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

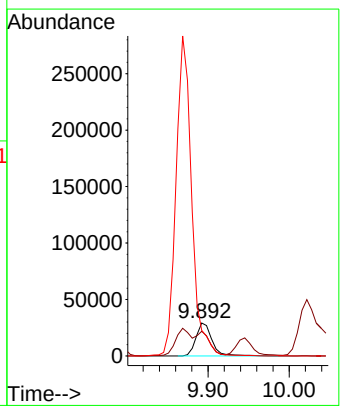


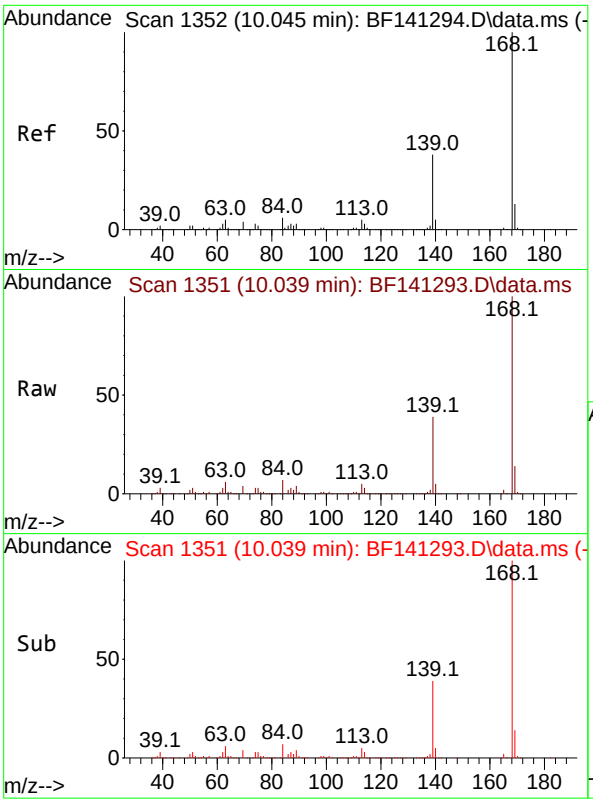


#54
2,4-Dinitrophenol
Concen: 18.557 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 40003

Ion	Ratio	Lower	Upper
184	100		
63	75.1	54.1	81.1
154	78.0	50.7	76.1#

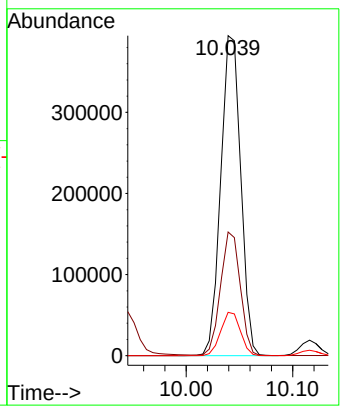




#55
Dibenzofuran
Concen: 21.665 ng
RT: 10.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:168 Resp: 51422

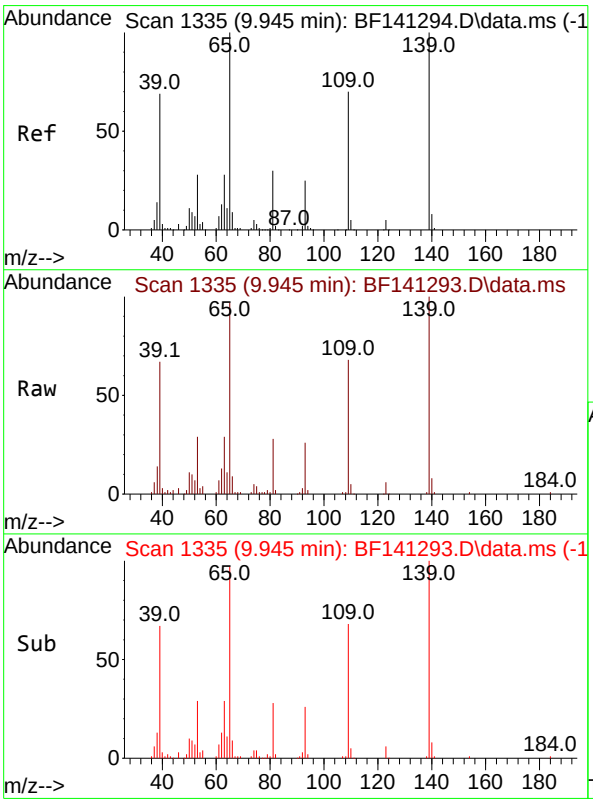
Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.6	46.0
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

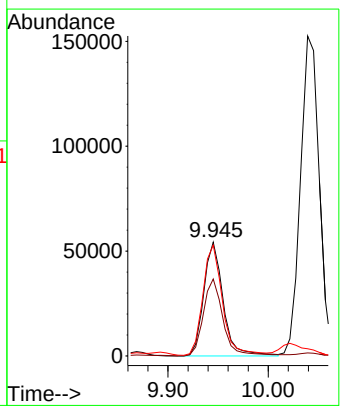
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

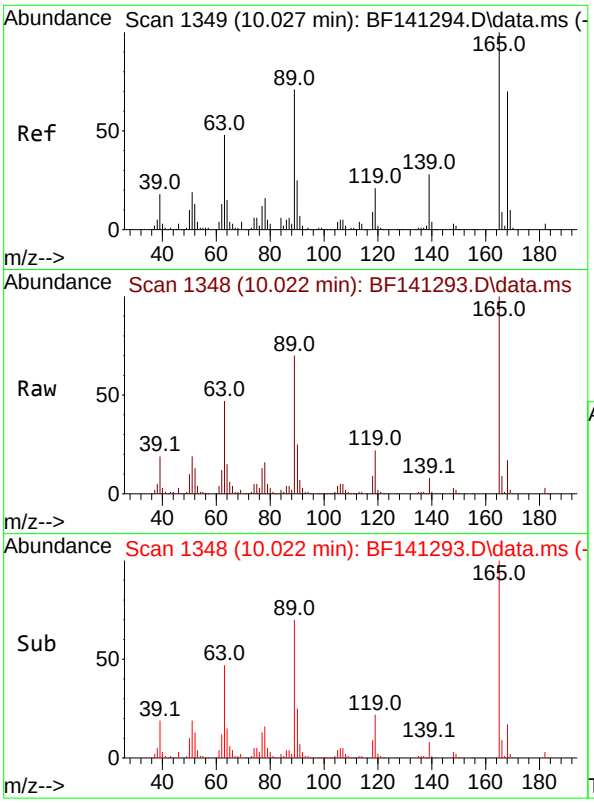


#56
4-Nitrophenol
Concen: 22.607 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 73425

Ion	Ratio	Lower	Upper
139	100		
109	67.7	50.2	90.2
65	97.5	80.6	120.6

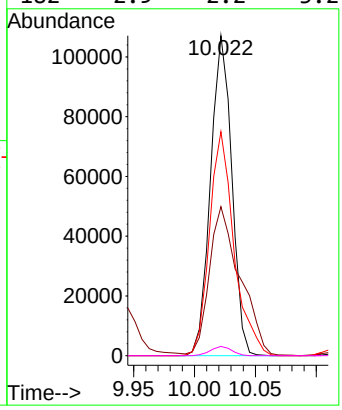




#57
2,4-Dinitrotoluene
Concen: 22.027 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:165 Resp: 12994

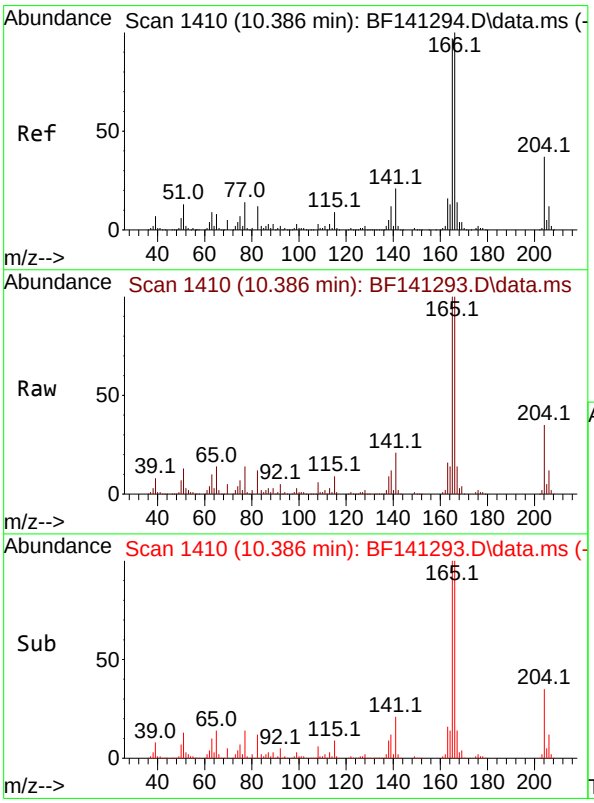
Ion	Ratio	Lower	Upper
165	100		
63	46.6	39.2	58.8
89	70.0	56.9	85.3
182	2.9	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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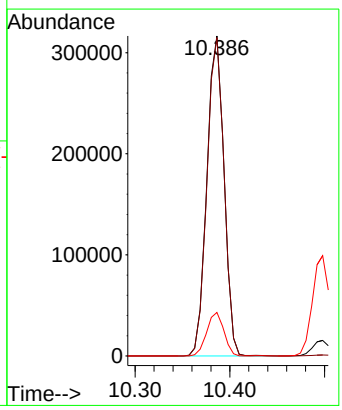
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

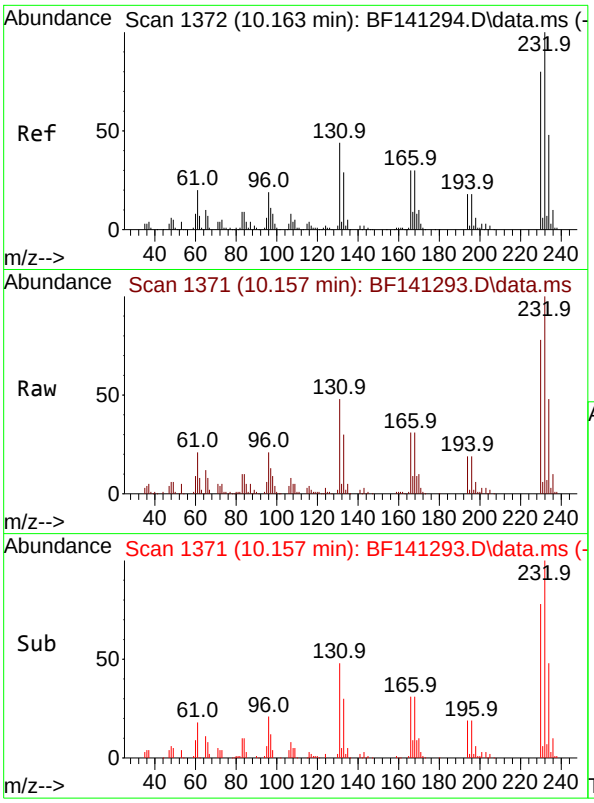


#58
Fluorene
Concen: 21.488 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:166 Resp: 396520

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.5	116.3
167	13.6	10.9	16.3

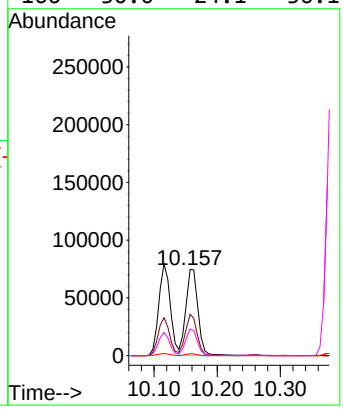




#59
2,3,4,6-Tetrachlorophenol
Concen: 21.354 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:232 Resp: 9984

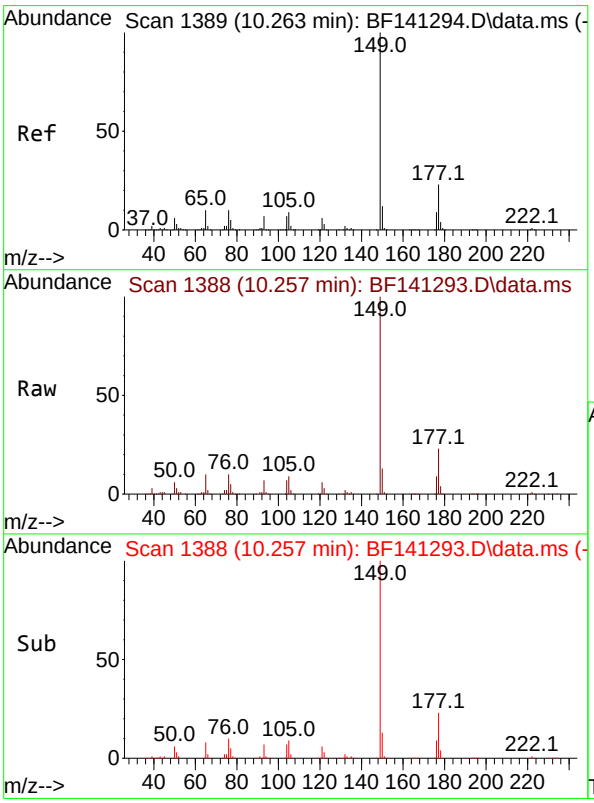
Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.4	54.6
130	2.0	1.9	2.9
166	30.0	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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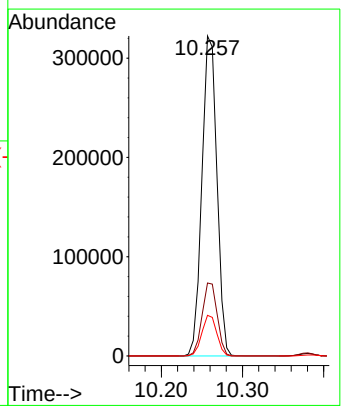
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

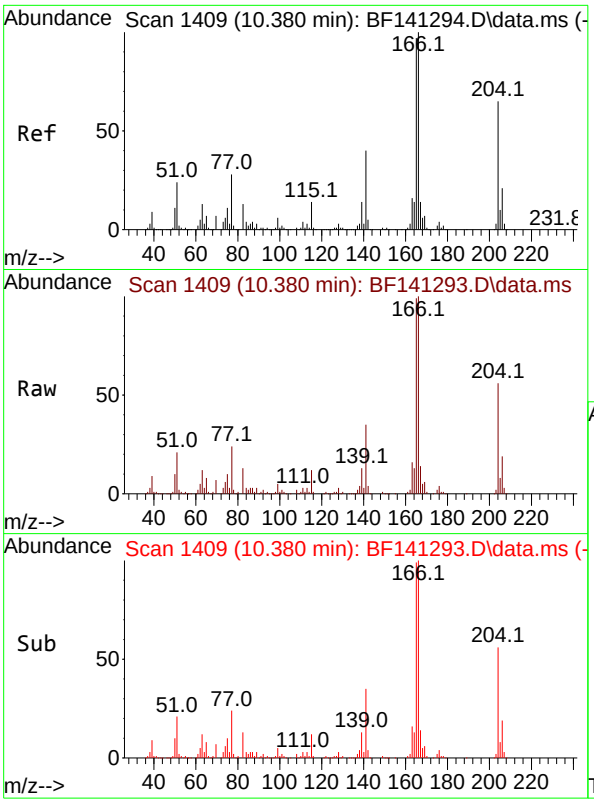


#60
Diethylphthalate
Concen: 21.745 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 413889

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.7	10.0	15.0

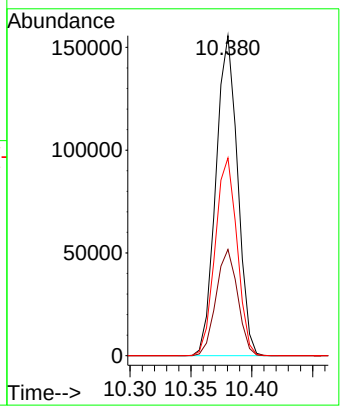




#61
4-Chlorophenyl-phenylether
Concen: 21.446 ng
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:204 Resp: 19313

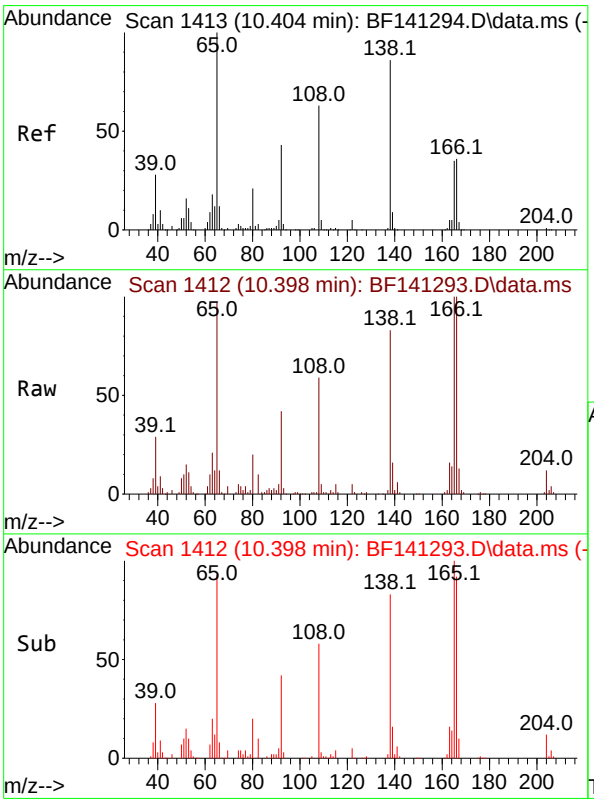
Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	61.8	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

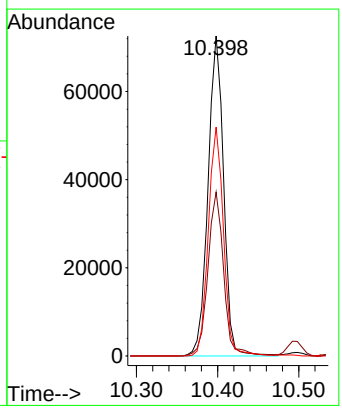
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

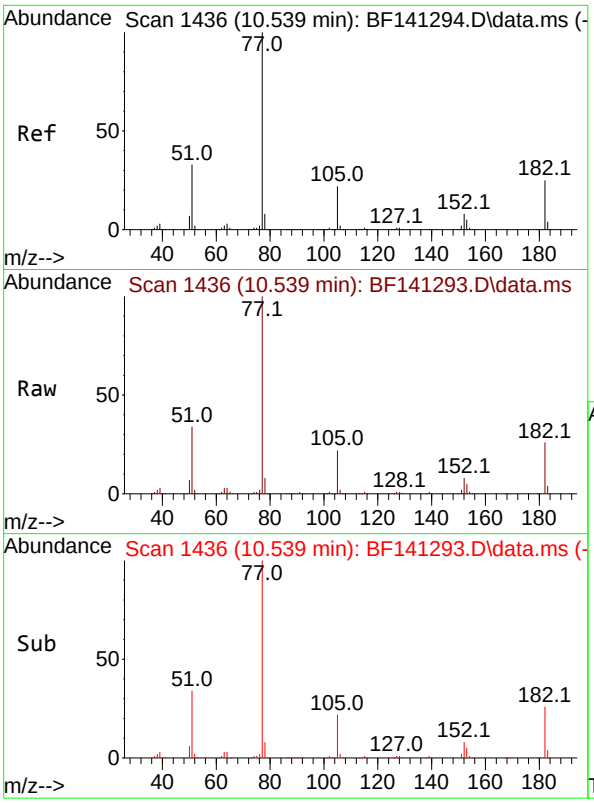


#62
4-Nitroaniline
Concen: 22.250 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:138 Resp: 96692

Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.1	70.1
108	71.5	53.1	93.1

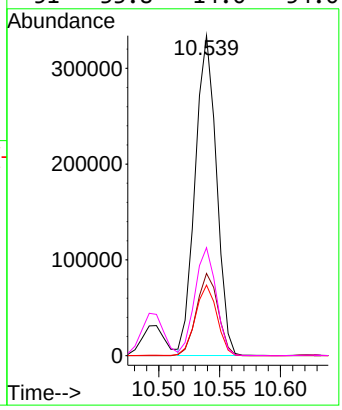




#63
Azobenzene
Concen: 21.358 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 40749

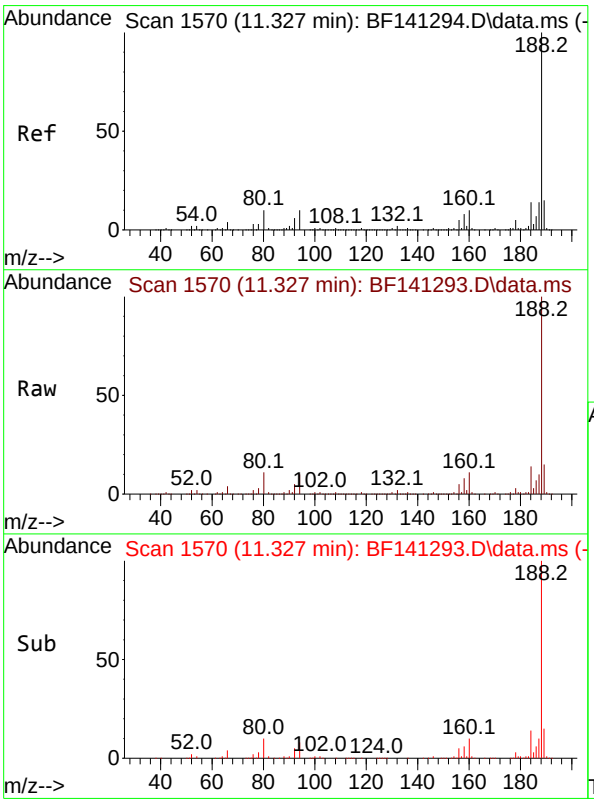
Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.1	45.1
105	22.1	1.8	41.8
51	33.8	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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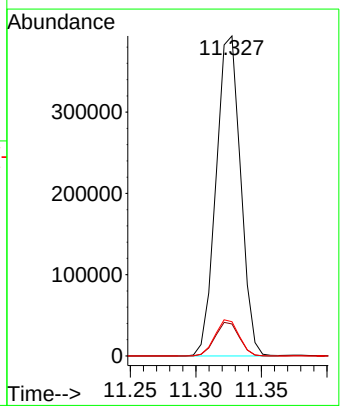
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

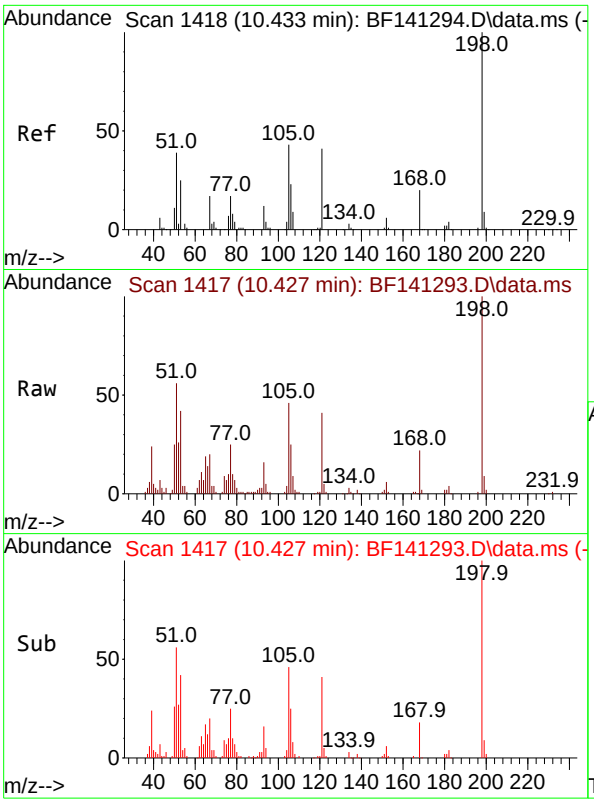


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:188 Resp: 511320

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.7	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 20.492 ng
RT: 10.427 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

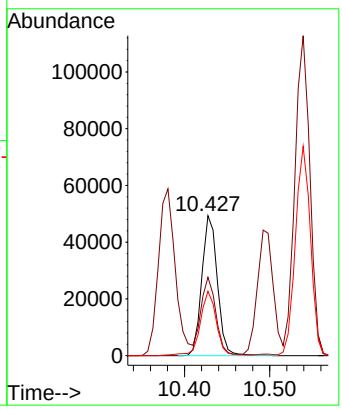
Tgt Ion:198 Resp: 6257

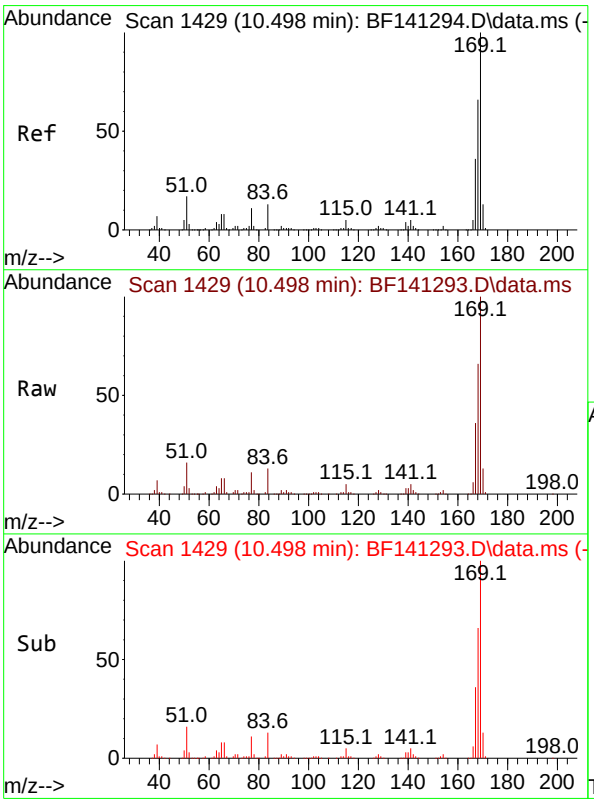
Ion	Ratio	Lower	Upper
198	100		
51	56.0	33.4	73.4
105	45.9	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

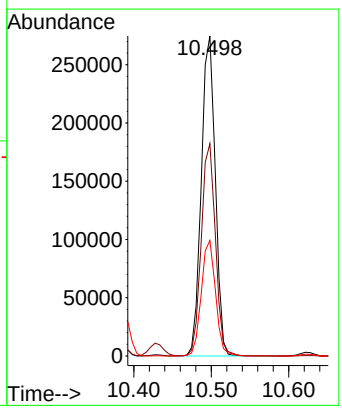


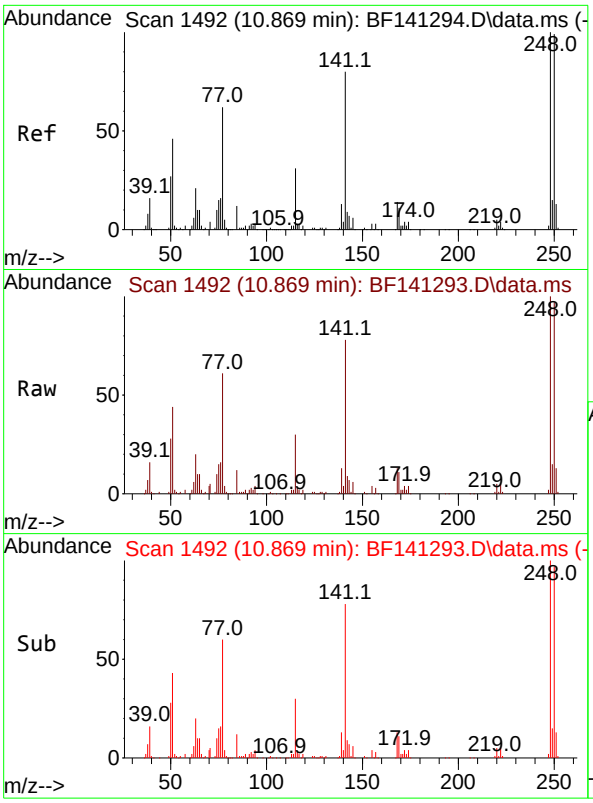


#66
n-Nitrosodiphenylamine
Concen: 20.773 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:169 Resp: 344387

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.4
167	36.1	28.8	43.2

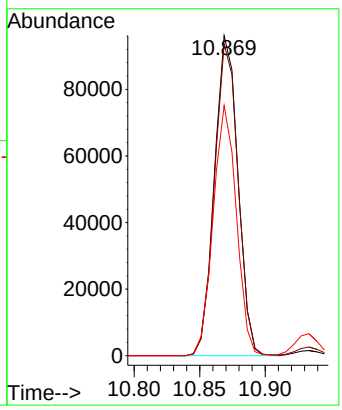




#67
4-Bromophenyl-phenylether
Concen: 20.967 ng
RT: 10.869 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:248 Resp: 11984

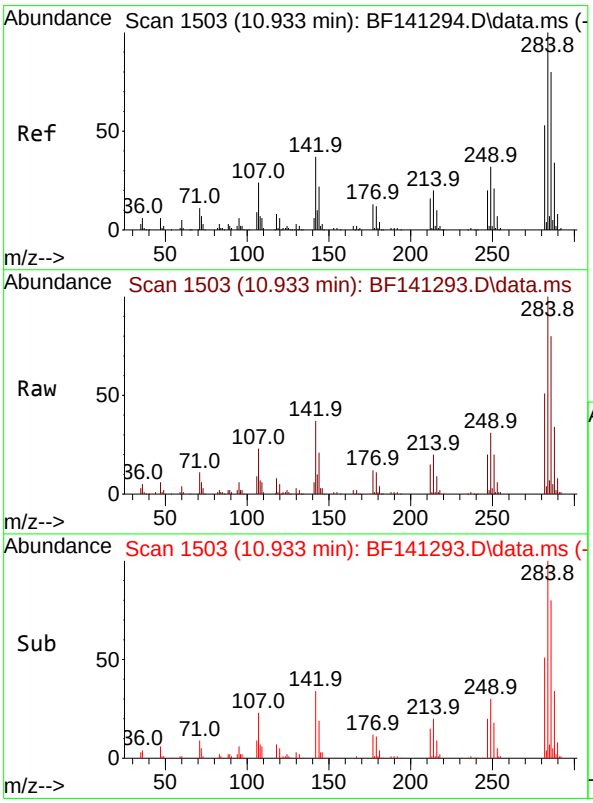
Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.4
141	78.1	63.7	95.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
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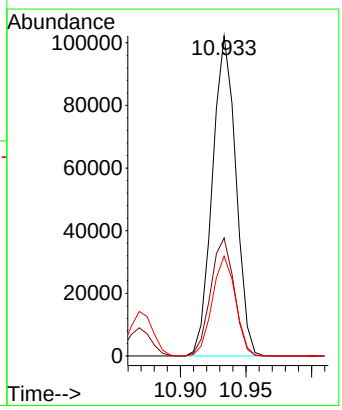
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

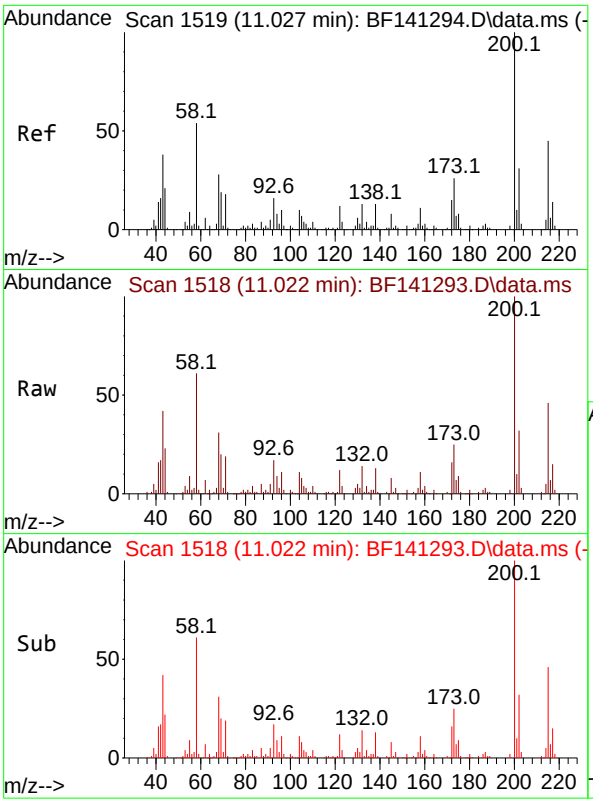


#68
Hexachlorobenzene
Concen: 20.917 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:284 Resp: 126823

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.5	44.3
249	31.2	25.4	38.2





#69
Atrazine
Concen: 19.627 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

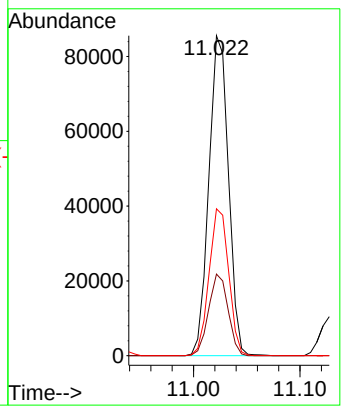
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

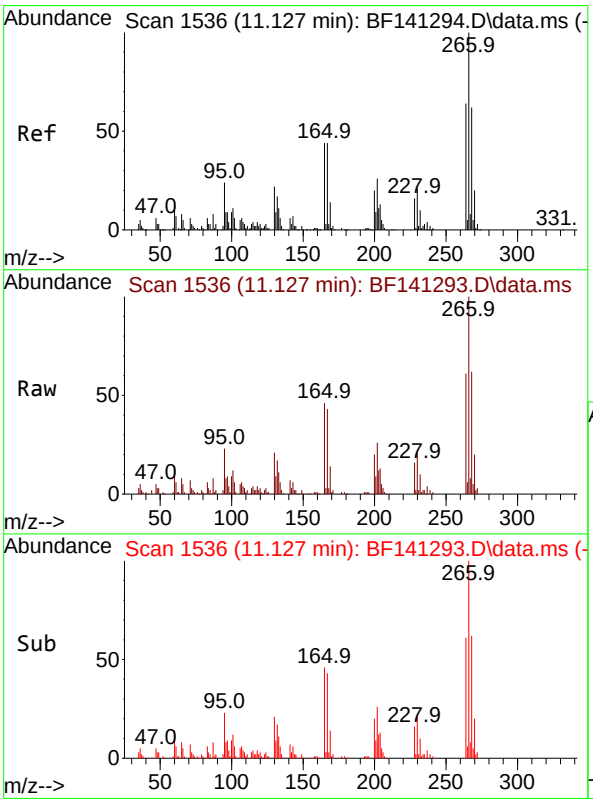
Tgt Ion:200 Resp: 10913

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.9	45.9
215	45.9	25.2	65.2

Manual Integrations
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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

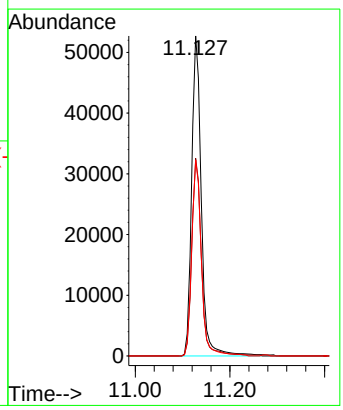


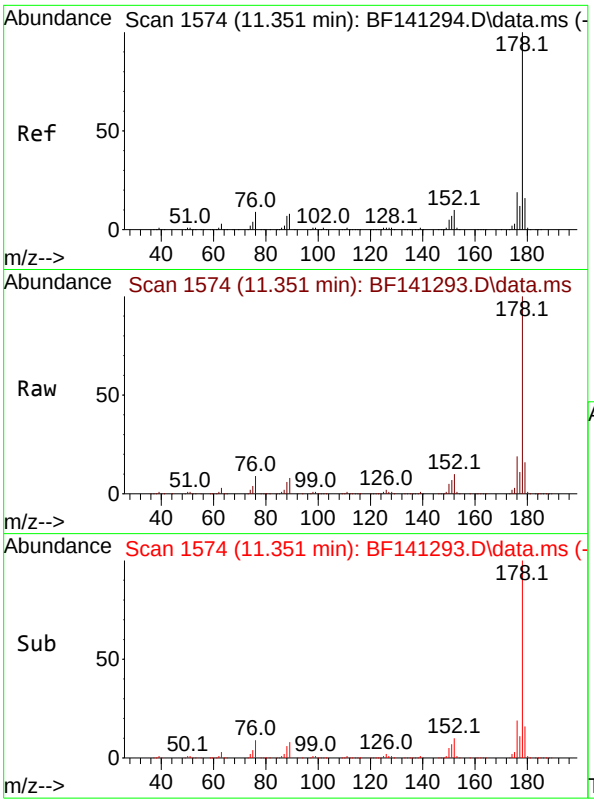


#70
Pentachlorophenol
Concen: 20.958 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:266 Resp: 74508

Ion	Ratio	Lower	Upper
266	100		
268	61.8	49.9	74.9
264	61.2	51.0	76.4

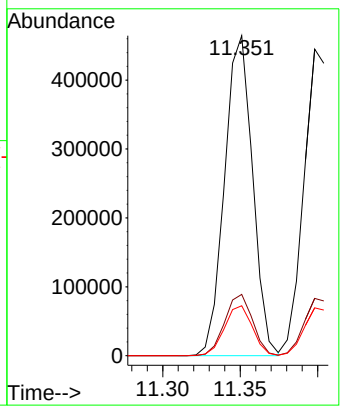




#71
Phenanthrene
Concen: 21.262 ng
RT: 11.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:178 Resp: 58402

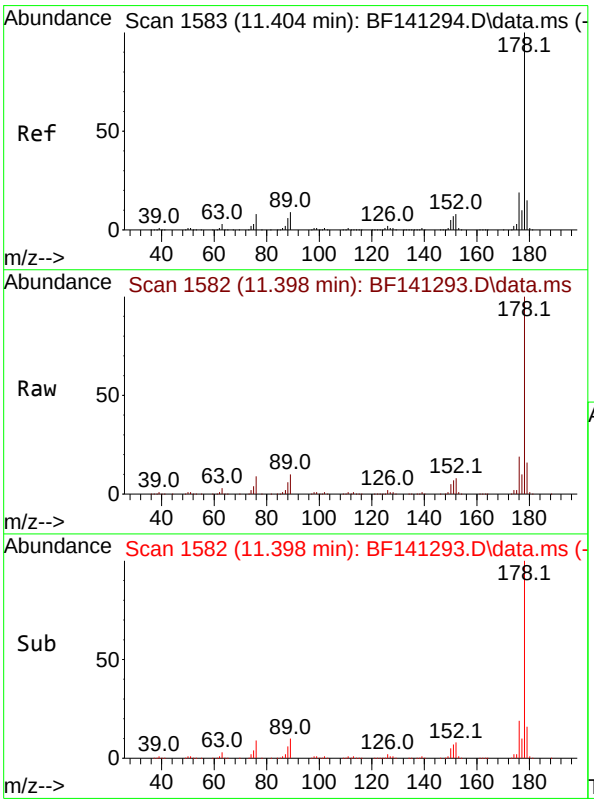
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

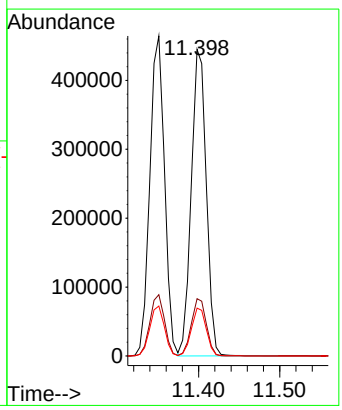
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

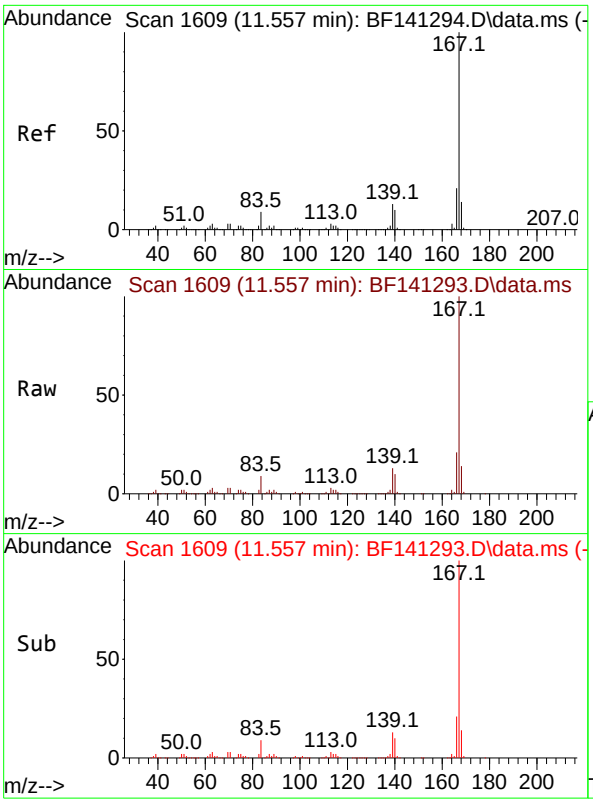


#72
Anthracene
Concen: 21.377 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:178 Resp: 572743

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5

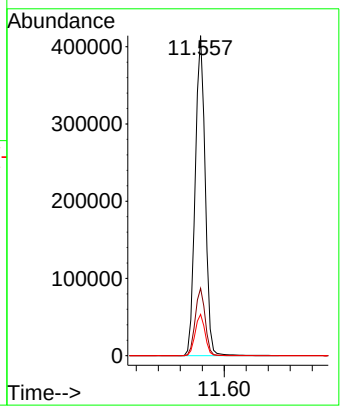




#73
Carbazole
Concen: 22.000 ng
RT: 11.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:167 Resp: 52210

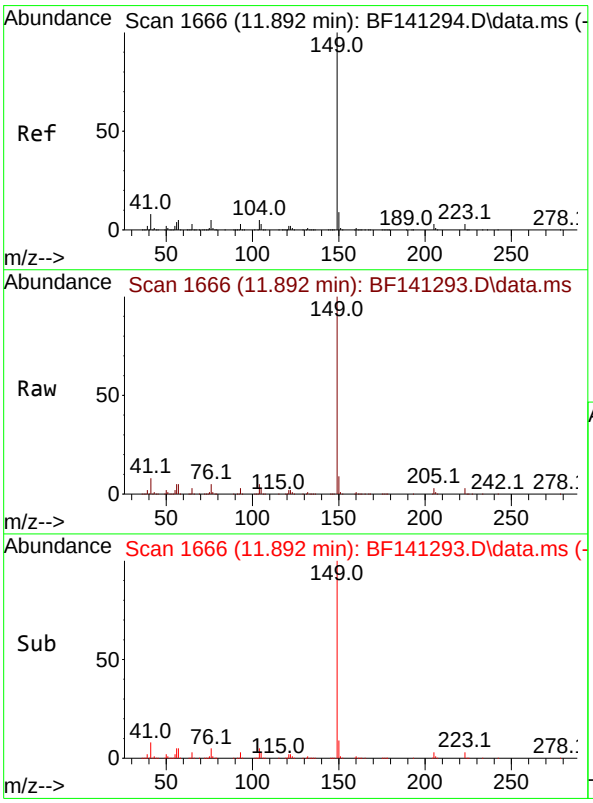
Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.9	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

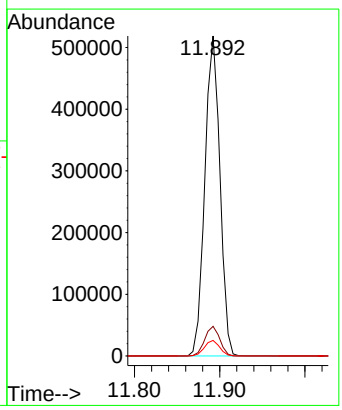
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

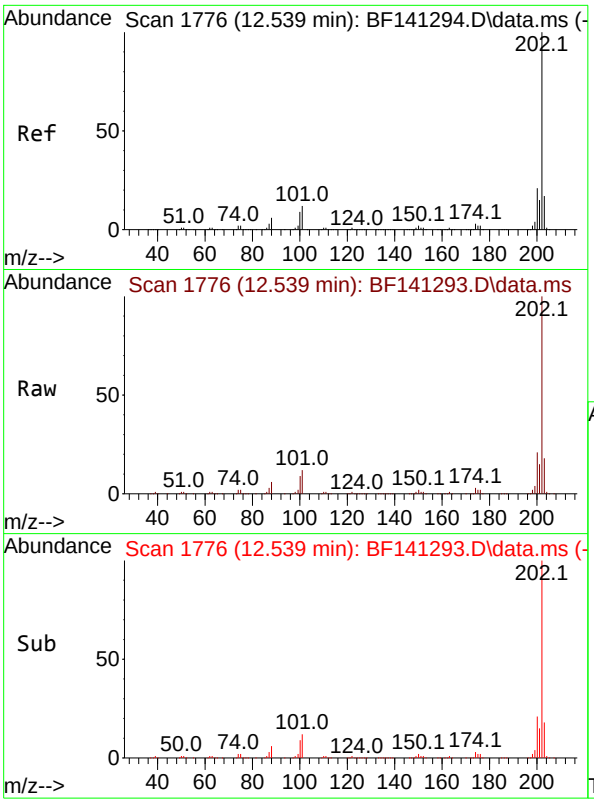


#74
Di-n-butylphthalate
Concen: 22.251 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 636521

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.9	5.9

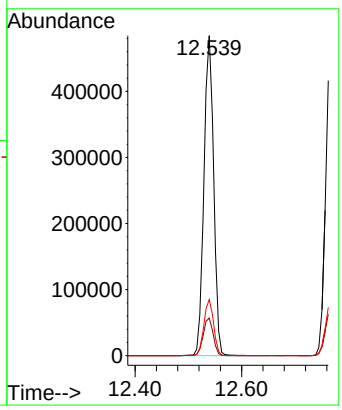




#75
Fluoranthene
Concen: 22.808 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:202 Resp: 61149

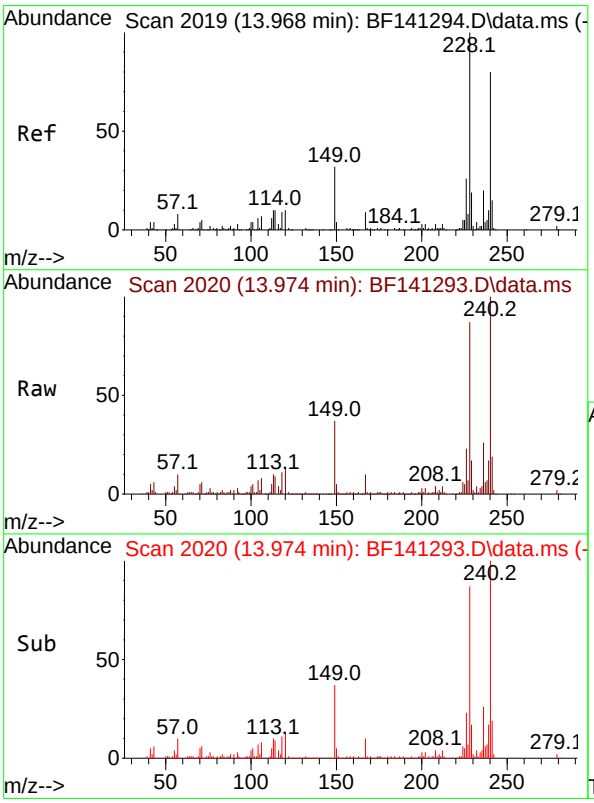
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.5	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

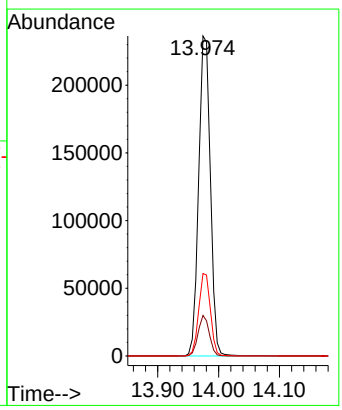
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

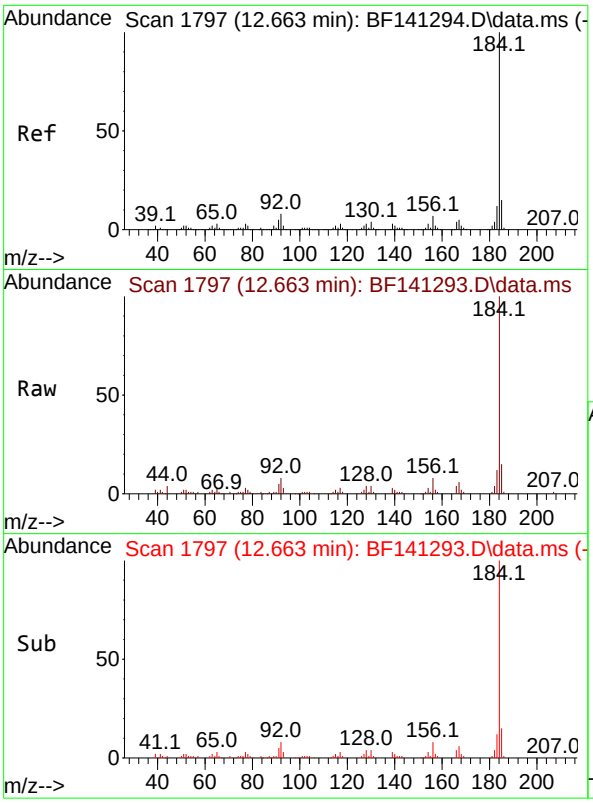


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:240 Resp: 314234

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.0	15.0
236	25.8	19.7	29.5

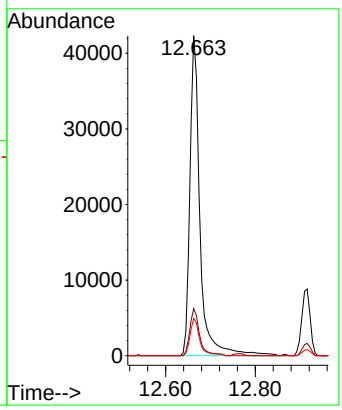




#77
Benzidine
Concen: 6.904 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 6596

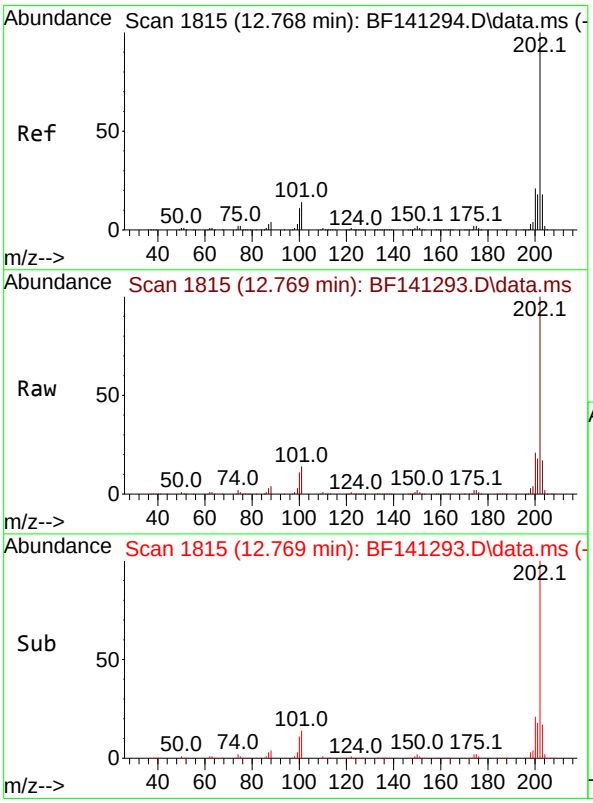
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.7	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

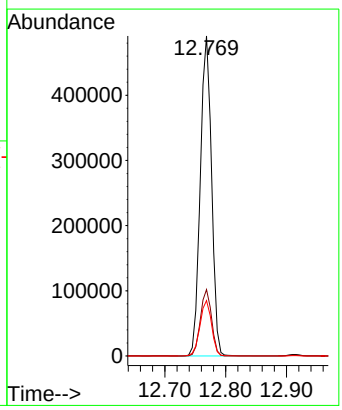
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

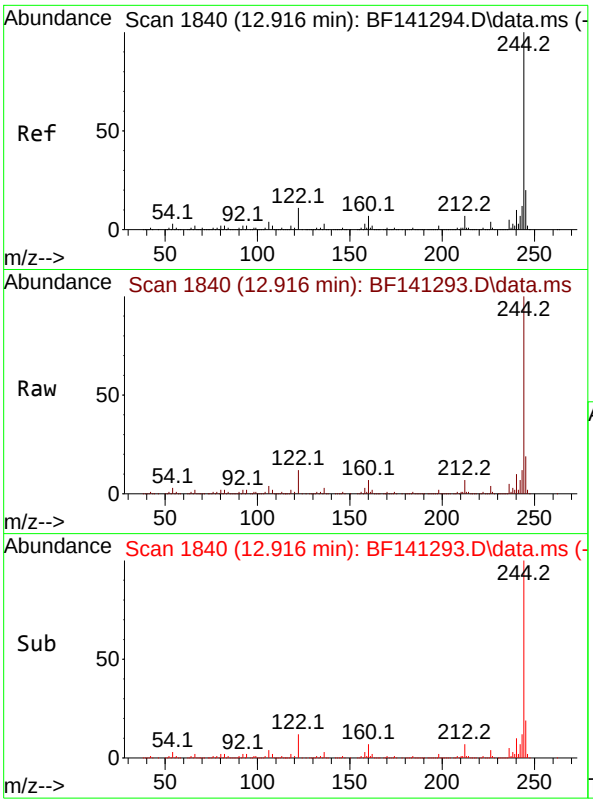


#78
Pyrene
Concen: 20.739 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:202 Resp: 629228

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.3	14.3	21.5

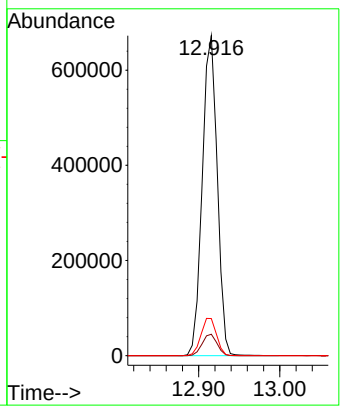




#79
Terphenyl-d14
Concen: 42.159 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:244 Resp: 86095

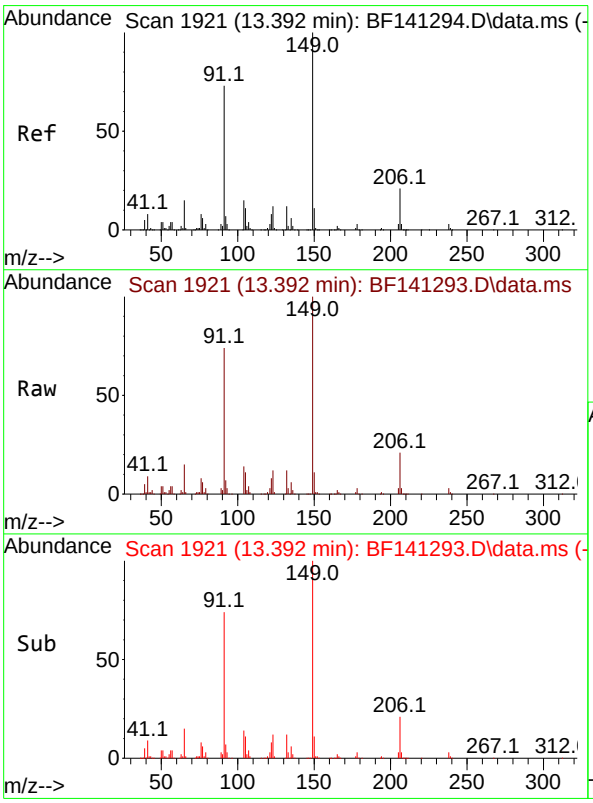
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.6	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

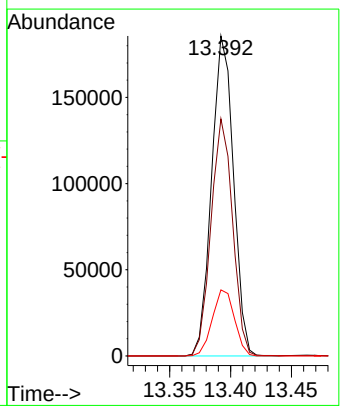
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

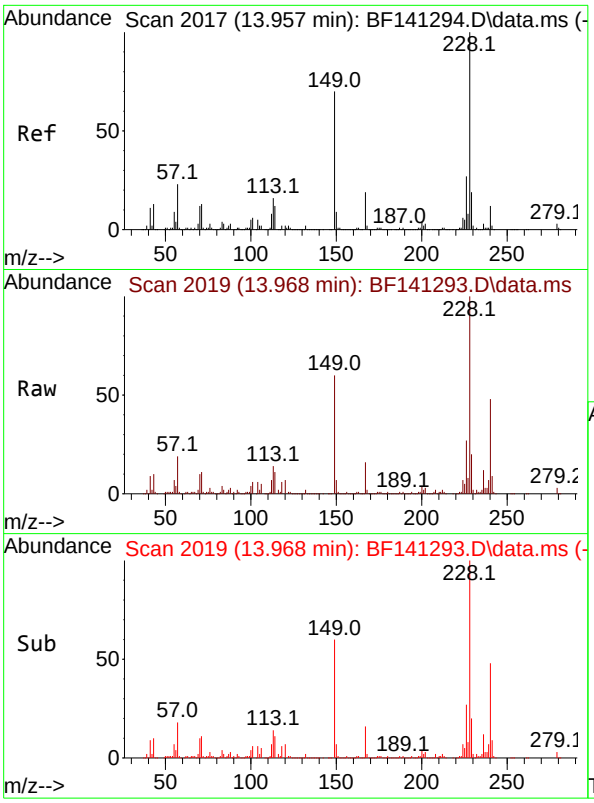


#80
Butylbenzylphthalate
Concen: 22.149 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 232095

Ion	Ratio	Lower	Upper
149	100		
91	74.1	58.6	87.8
206	20.7	16.7	25.1

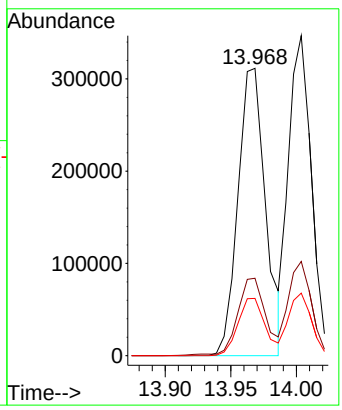




#81
Benzo(a)anthracene
Concen: 21.197 ng
RT: 13.968 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:228 Resp: 45653

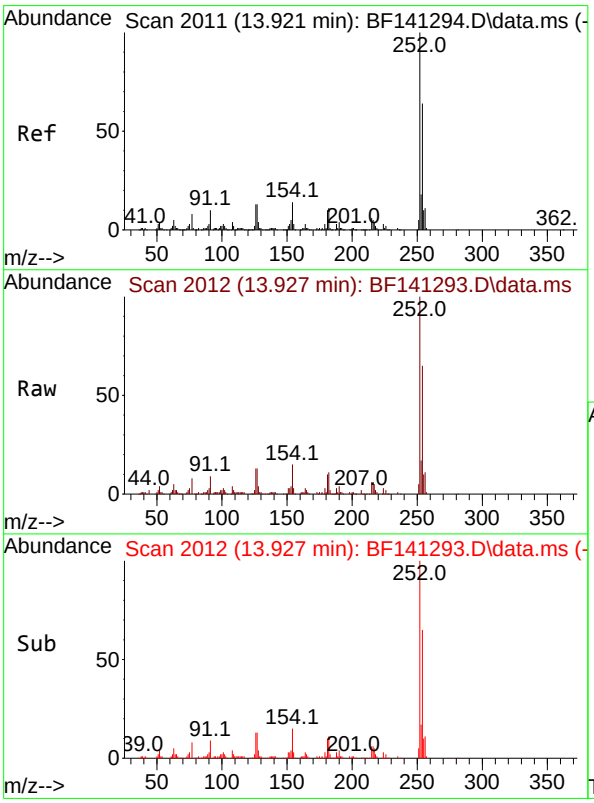
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.9	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

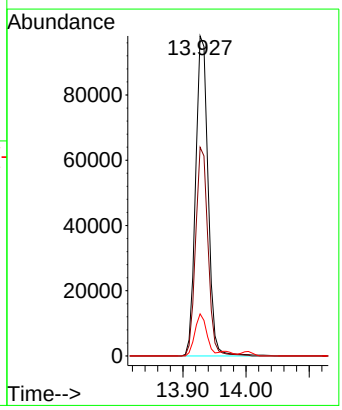
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

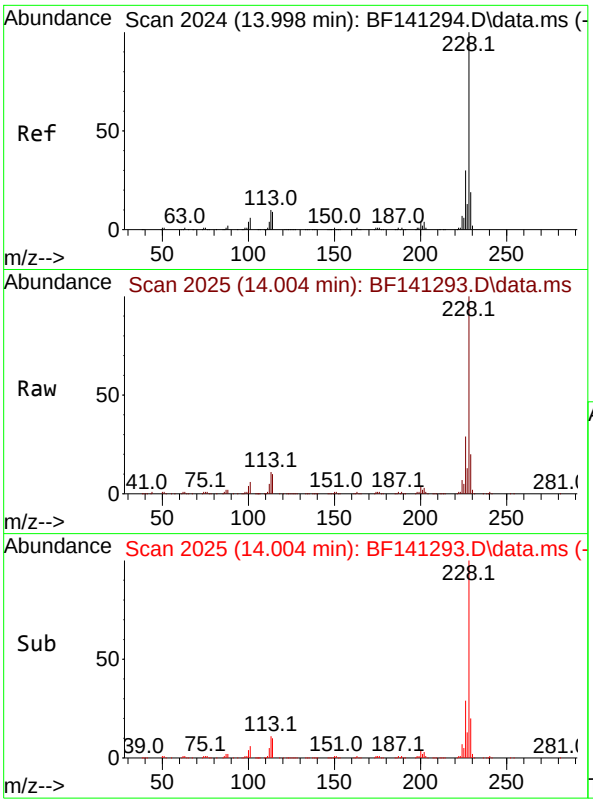


#82
3,3'-Dichlorobenzidine
Concen: 19.914 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 134298

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.3	76.9
126	13.2	10.0	15.0





#83
Chrysene
Concen: 21.122 ng
RT: 14.004 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

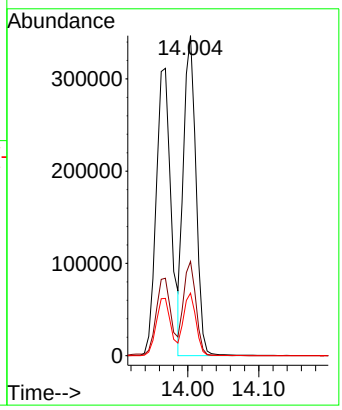
Tgt Ion:228 Resp: 42184

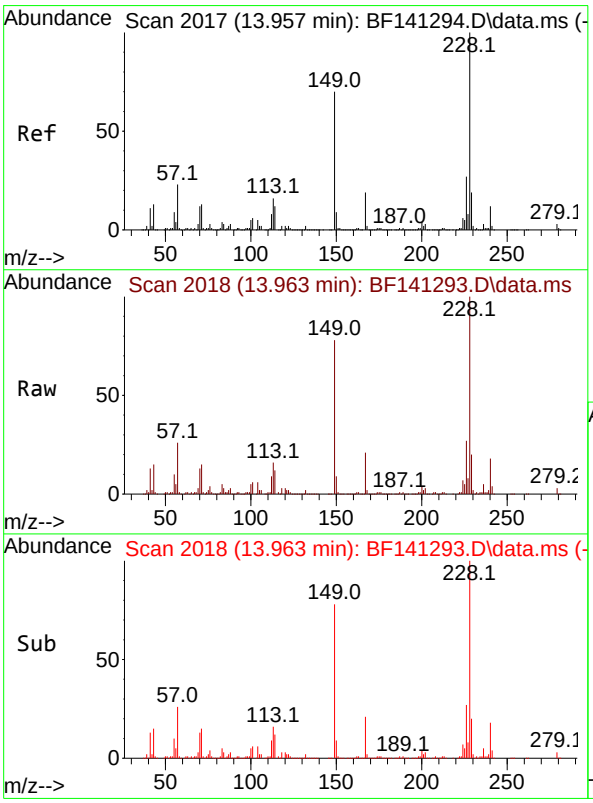
Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.5	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

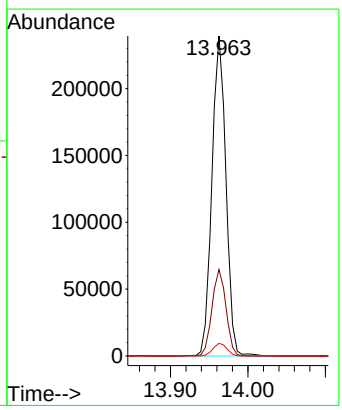


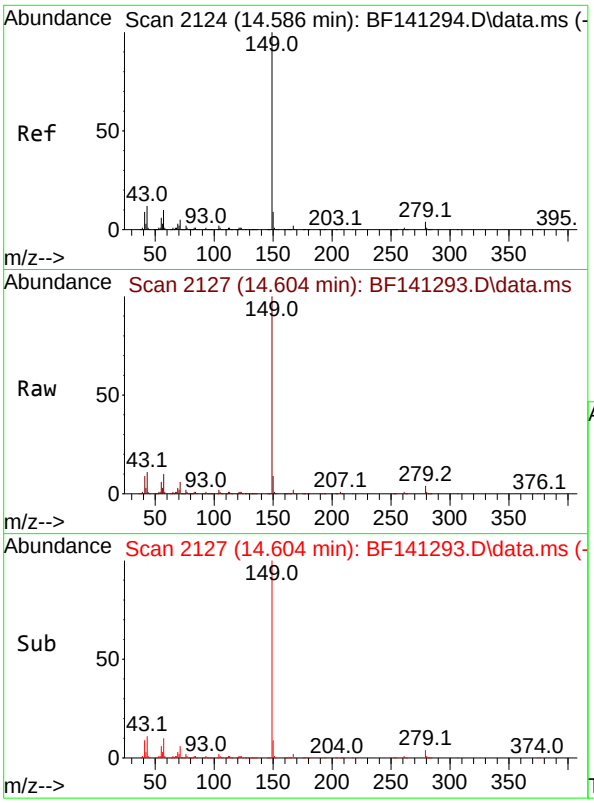


#84
Bis(2-ethylhexyl)phthalate
Concen: 22.857 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 300546

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.9	3.3	4.9

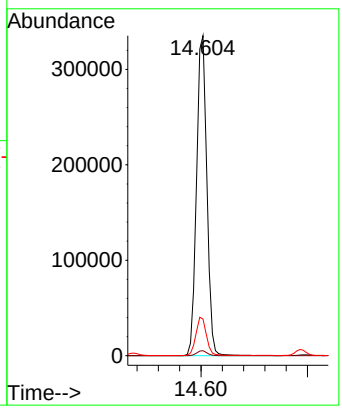




#85
Di-n-octyl phthalate
Concen: 21.964 ng
RT: 14.604 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 45174

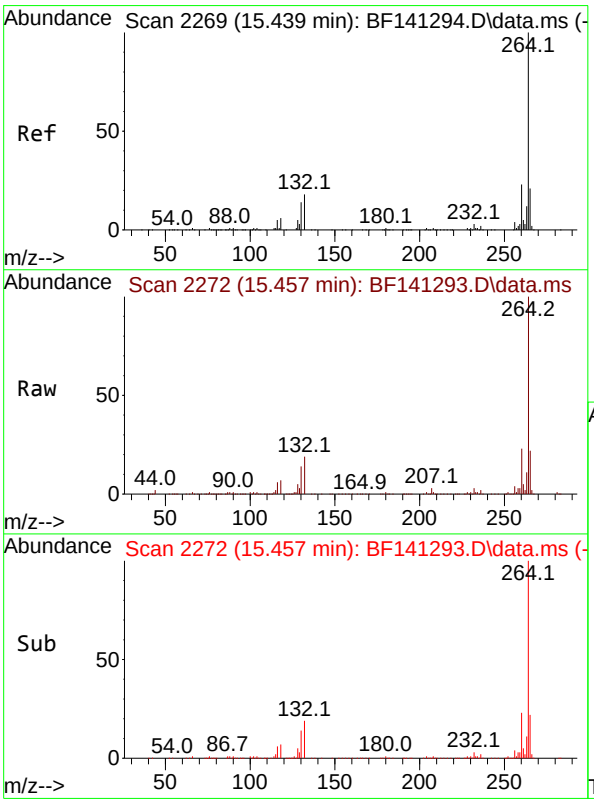
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.4	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

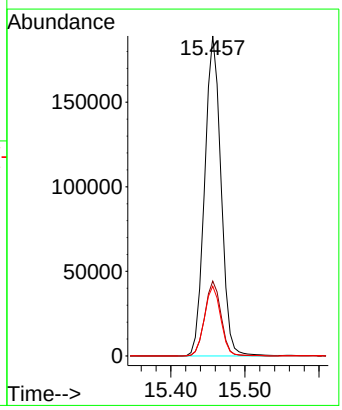
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

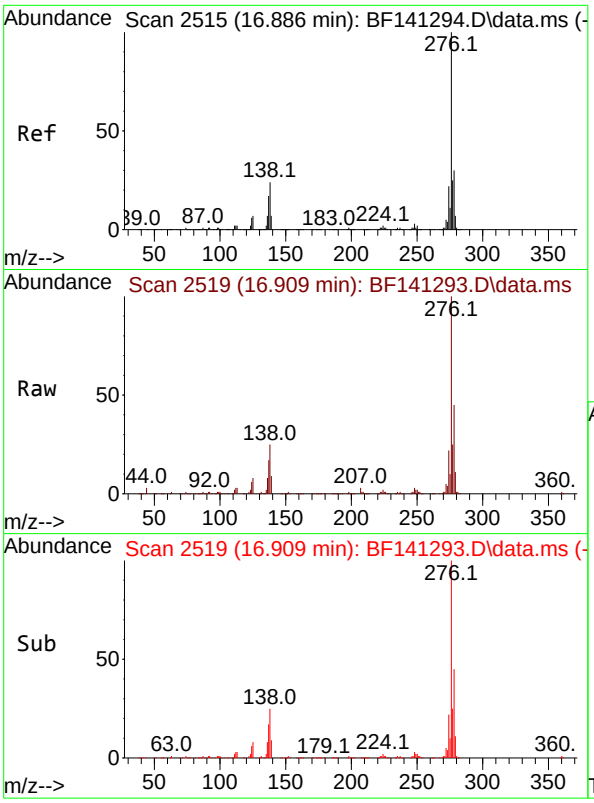


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:264 Resp: 289582

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.8	16.7	25.1

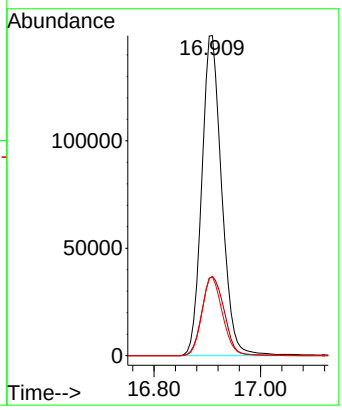




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.466 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.024 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:276 Resp: 38708

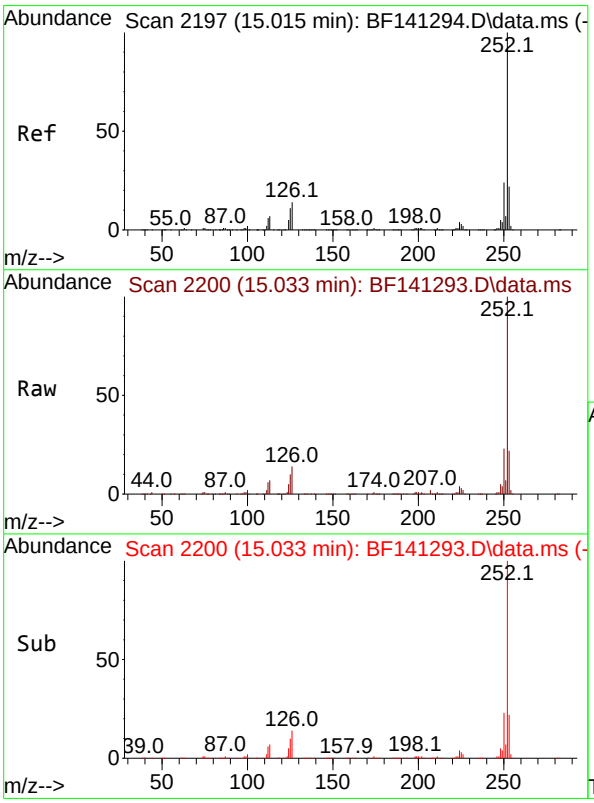
Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.5	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

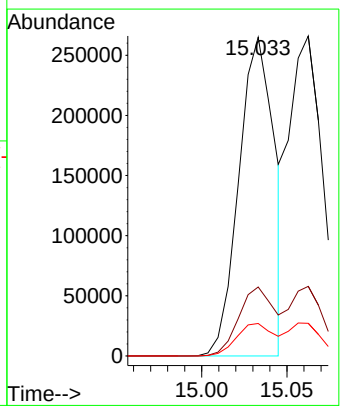
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

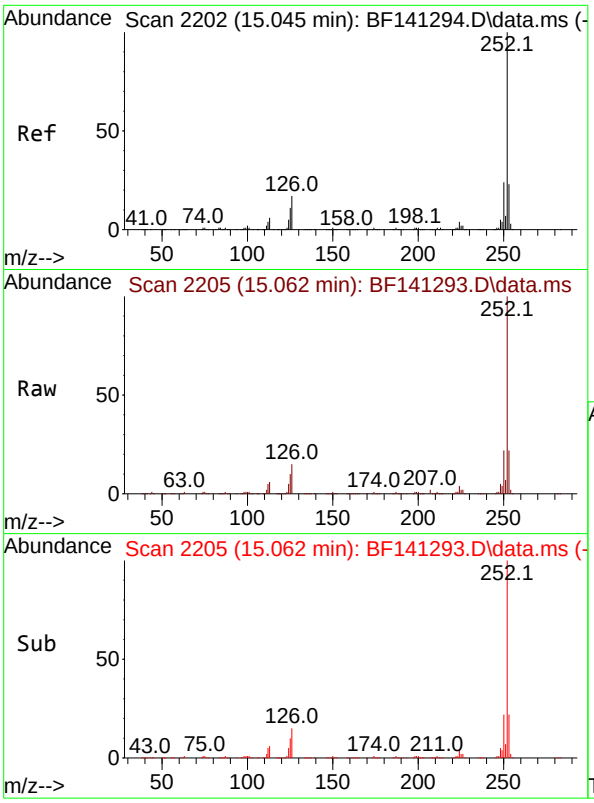


#88
Benzo(b)fluoranthene
Concen: 21.383 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 384557

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	8.6	12.8

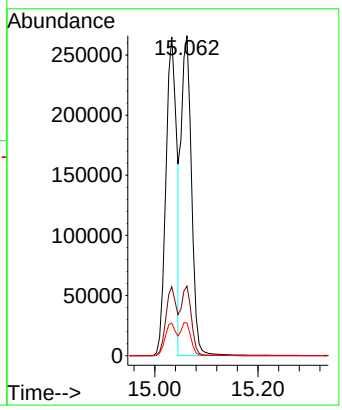




#89
Benzo(k)fluoranthene
Concen: 22.900 ng
RT: 15.062 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 36880

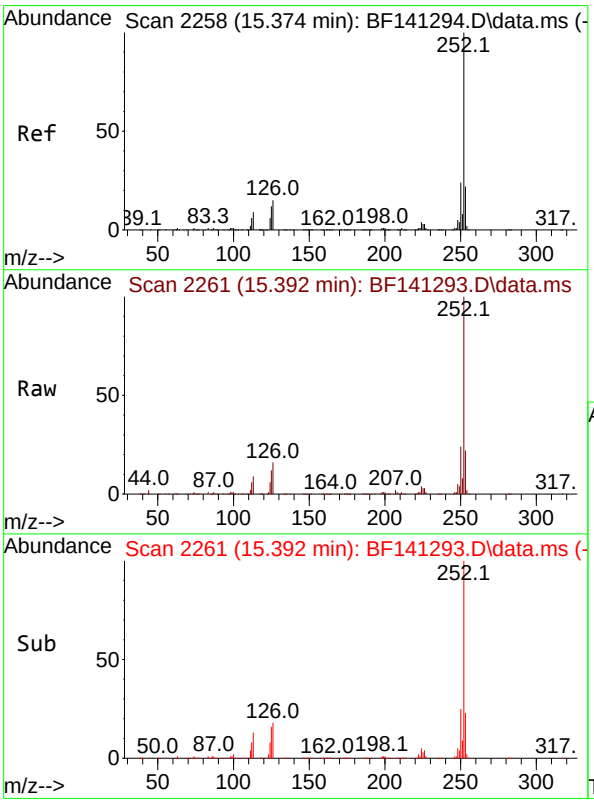
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.2	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations
APPROVED

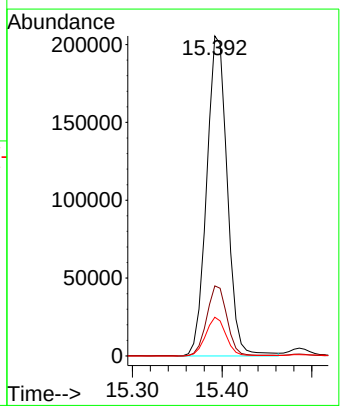
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

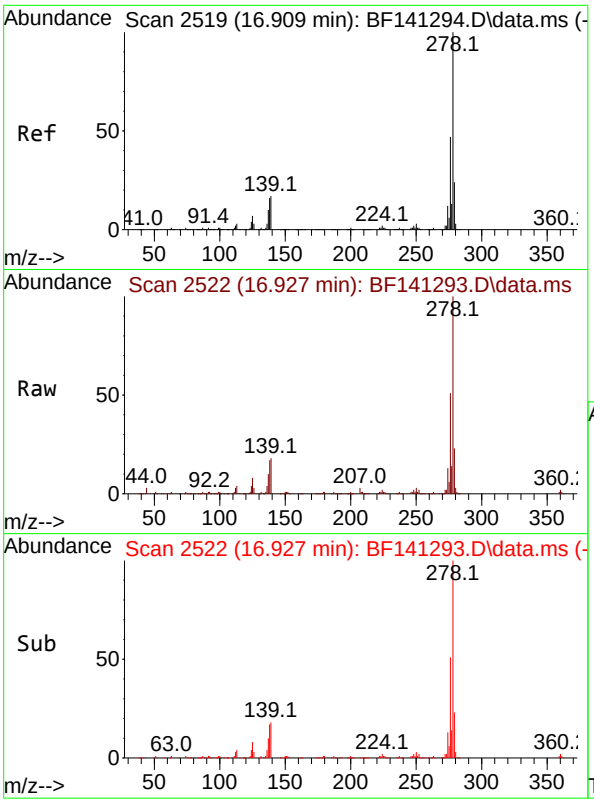


#90
Benzo(a)pyrene
Concen: 21.317 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 327630

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.1	9.4	14.2

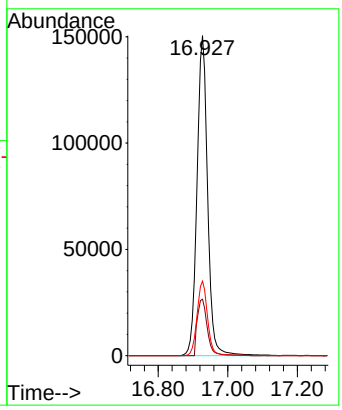




#91
Dibenzo(a,h)anthracene
Concen: 21.026 ng
RT: 16.927 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:278 Resp: 31877

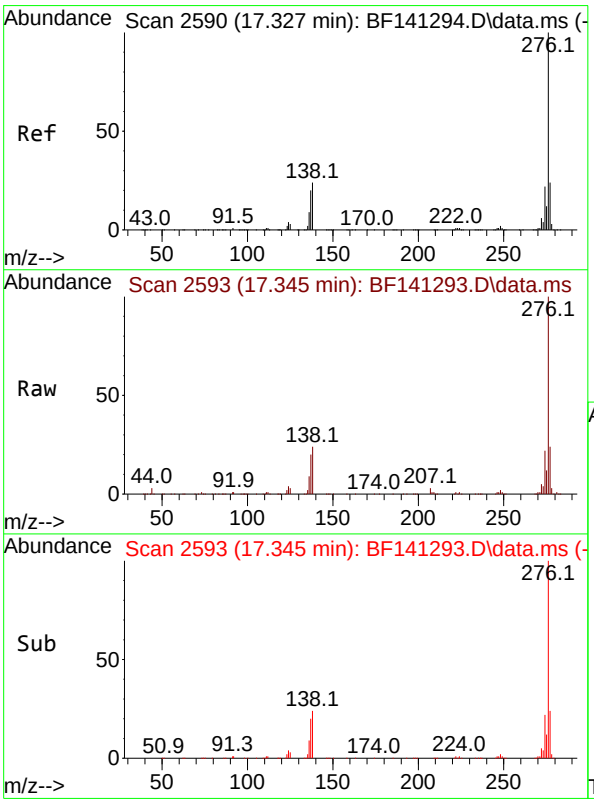
Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	23.3	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

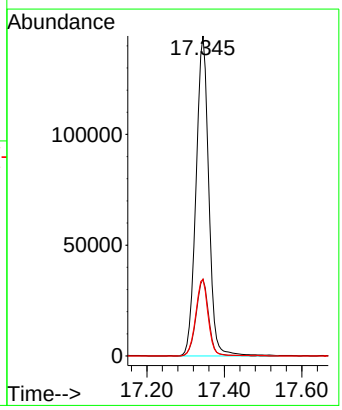
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 20.684 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:276 Resp: 329876

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.9	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141294.D
Acq On : 29 Jan 2025 15:45
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 29 16:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136511	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	282995	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	458392	20.000	ng	0.00
76) Chrysene-d12	13.968	240	260600	20.000	ng	0.00
86) Perylene-d12	15.439	264	279417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	655671	74.279	ng	0.00
7) Phenol-d6	6.428	99	829746	73.753	ng	0.00
23) Nitrobenzene-d5	7.363	82	755539	74.958	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	195693	75.888	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1339709	73.029	ng	0.00
79) Terphenyl-d14	12.916	244	1232977	72.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	146751	37.453	ng	100
3) Pyridine	3.216	79	360381	38.457	ng	100
4) n-Nitrosodimethylamine	3.169	42	205026	38.203	ng	100
6) Aniline	6.463	93	371145	39.471	ng	100
8) 2-Chlorophenol	6.581	128	354141	37.357	ng	100
9) Benzaldehyde	6.345	77	244365	37.402	ng	100
10) Phenol	6.439	94	448441	37.678	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	336429	36.754	ng	100
12) 1,3-Dichlorobenzene	6.739	146	390276	37.328	ng	100
13) 1,4-Dichlorobenzene	6.816	146	390834	37.119	ng	100
14) 1,2-Dichlorobenzene	6.969	146	365173	37.114	ng	100
15) Benzyl Alcohol	6.939	79	295478	38.445	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	597590	37.578	ng	100
17) 2-Methylphenol	7.051	107	284578	37.077	ng	100
18) Hexachloroethane	7.310	117	144619	37.124	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	244379	36.524	ng	100
20) 3+4-Methylphenols	7.204	107	351248	37.222	ng	100
22) Acetophenone	7.210	105	465165	36.793	ng	100
24) Nitrobenzene	7.381	77	396149	37.893	ng	100
25) Isophorone	7.622	82	651994	37.429	ng	100
26) 2-Nitrophenol	7.698	139	188435	38.483	ng	100
27) 2,4-Dimethylphenol	7.733	122	239376	38.255	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	414781	37.367	ng	100
29) 2,4-Dichlorophenol	7.939	162	288763	37.768	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	323865	36.932	ng	100
31) Naphthalene	8.104	128	1041107	37.116	ng	100
32) Benzoic acid	7.845	122	235596	41.459	ng	100
33) 4-Chloroaniline	8.151	127	361001	38.313	ng	100
34) Hexachlorobutadiene	8.222	225	190772	37.169	ng	100
35) Caprolactam	8.516	113	94819	38.342	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	305768	37.262	ng	100
37) 2-Methylnaphthalene	8.792	142	666038	37.286	ng	100
38) 1-Methylnaphthalene	8.892	142	646346	36.938	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	302471	37.591	ng	100
41) Hexachlorocyclopentadiene	8.945	237	97299	40.295	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	205797	39.181	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141294.D
Acq On : 29 Jan 2025 15:45
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 29 16:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

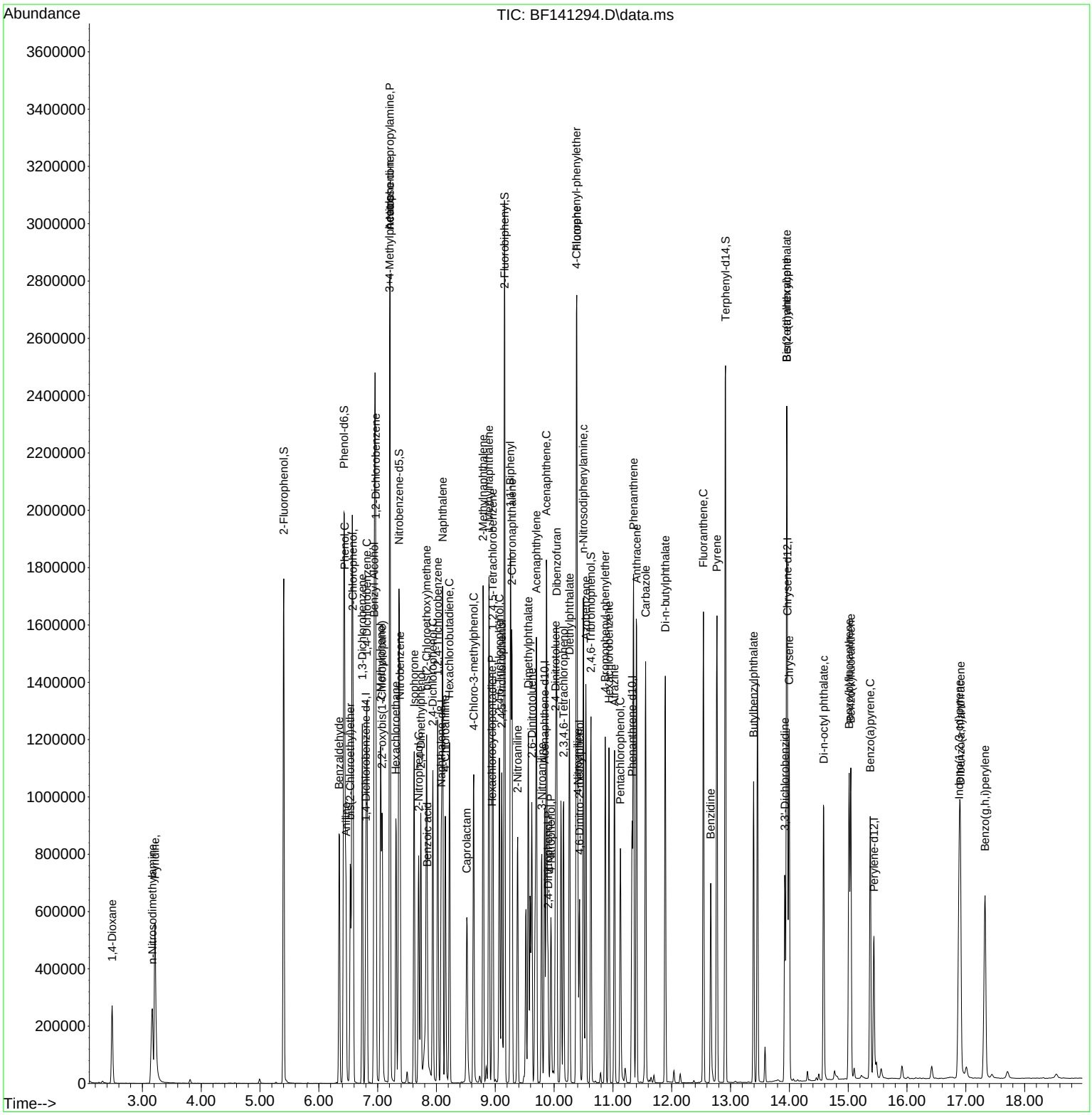
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	213401	37.346	ng	100
46) 1,1'-Biphenyl	9.257	154	823004	37.278	ng	100
47) 2-Chloronaphthalene	9.280	162	634814	37.020	ng	100
48) 2-Nitroaniline	9.380	65	205997	38.089	ng	100
49) Acenaphthylene	9.698	152	902715	37.483	ng	100
50) Dimethylphthalate	9.563	163	701107	36.945	ng	100
51) 2,6-Dinitrotoluene	9.622	165	167409	37.909	ng	100
52) Acenaphthene	9.869	154	638597	37.266	ng	100
53) 3-Nitroaniline	9.792	138	171409	39.240	ng	100
54) 2,4-Dinitrophenol	9.898	184	83282	40.011	ng	100
55) Dibenzofuran	10.045	168	859175	37.490	ng	100
56) 4-Nitrophenol	9.945	139	126536	40.349	ng	100
57) 2,4-Dinitrotoluene	10.027	165	218627	38.382	ng	100
58) Fluorene	10.386	166	660612	37.076	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	172174	38.138	ng	100
60) Diethylphthalate	10.263	149	693066	37.710	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	321112	36.929	ng	100
62) 4-Nitroaniline	10.404	138	164154	39.120	ng	100
63) Azobenzene	10.539	77	693050	37.621	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	114735	41.914	ng	100
66) n-Nitrosodiphenylamine	10.498	169	573712	38.602	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	198895	38.815	ng	100
68) Hexachlorobenzene	10.933	284	209735	38.586	ng	100
69) Atrazine	11.027	200	195062	39.131	ng	100
70) Pentachlorophenol	11.127	266	131295	41.196	ng	100
71) Phenanthrene	11.351	178	940021	38.175	ng	100
72) Anthracene	11.404	178	925244	38.521	ng	100
73) Carbazole	11.557	167	824095	38.735	ng	100
74) Di-n-butylphthalate	11.892	149	995172	38.805	ng	100
75) Fluoranthene	12.539	202	928946	38.650	ng	100
77) Benzidine	12.663	184	380623	48.034	ng	100
78) Pyrene	12.768	202	914205	36.333	ng	100
80) Butylbenzylphthalate	13.392	149	326158	37.532	ng	100
81) Benzo(a)anthracene	13.957	228	661997	37.062	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	217856	38.953	ng	100
83) Chrysene	13.998	228	591939	35.738	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	409365	37.540	ng	100
85) Di-n-octyl phthalate	14.586	149	640977	37.578	ng	100
87) Indeno(1,2,3-cd)pyrene	16.886	276	702692	38.503	ng	100
88) Benzo(b)fluoranthene	15.015	252	625758	36.061	ng	100
89) Benzo(k)fluoranthene	15.045	252	605401	38.959	ng	100
90) Benzo(a)pyrene	15.374	252	564975	38.096	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	567762	38.812	ng	100
92) Benzo(g,h,i)perylene	17.327	276	582768	37.870	ng	100

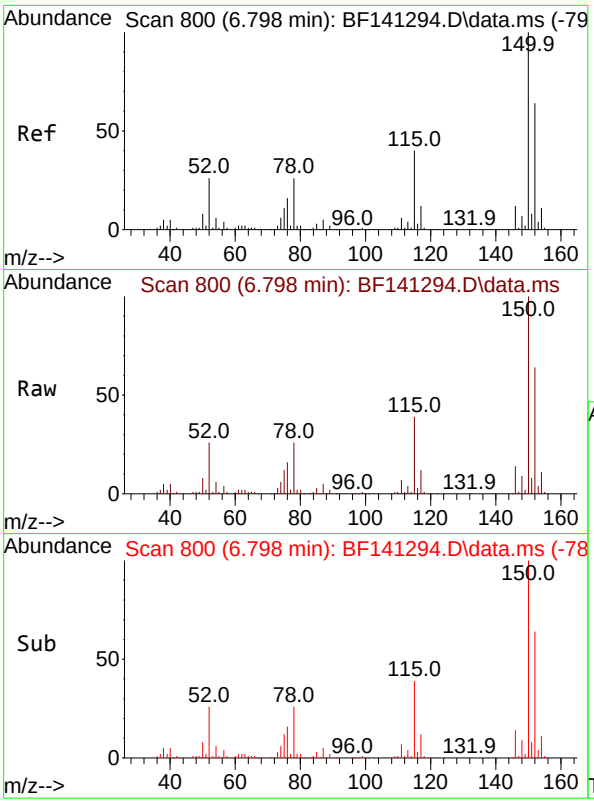
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141294.D
Acq On : 29 Jan 2025 15:45
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jan 29 16:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration



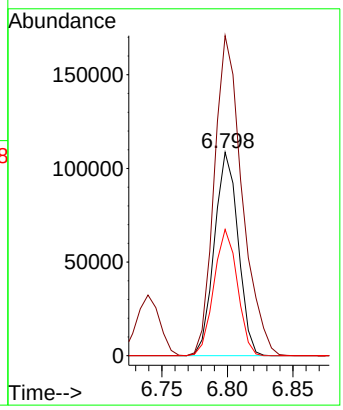


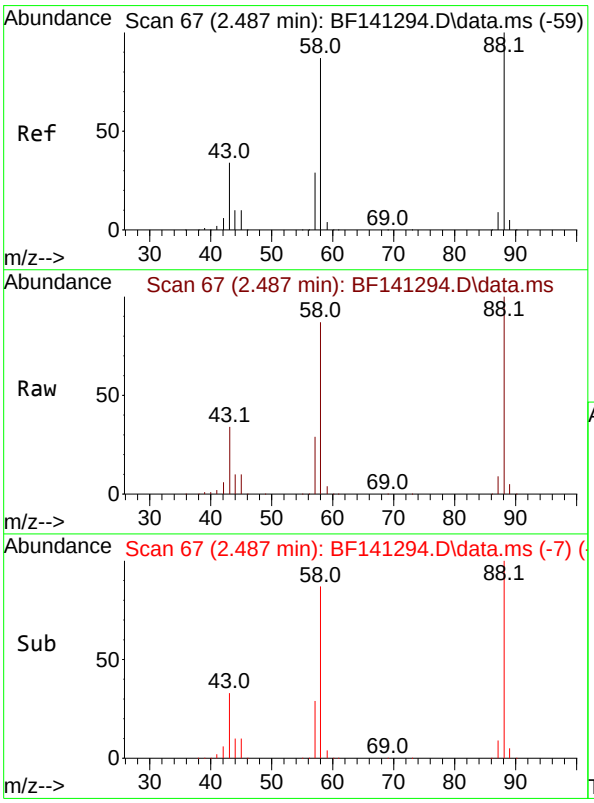
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 136511

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.9	188.9
115	62.1	49.7	74.5

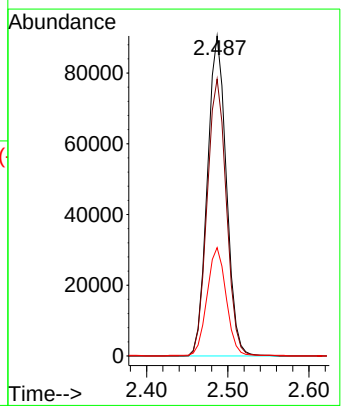


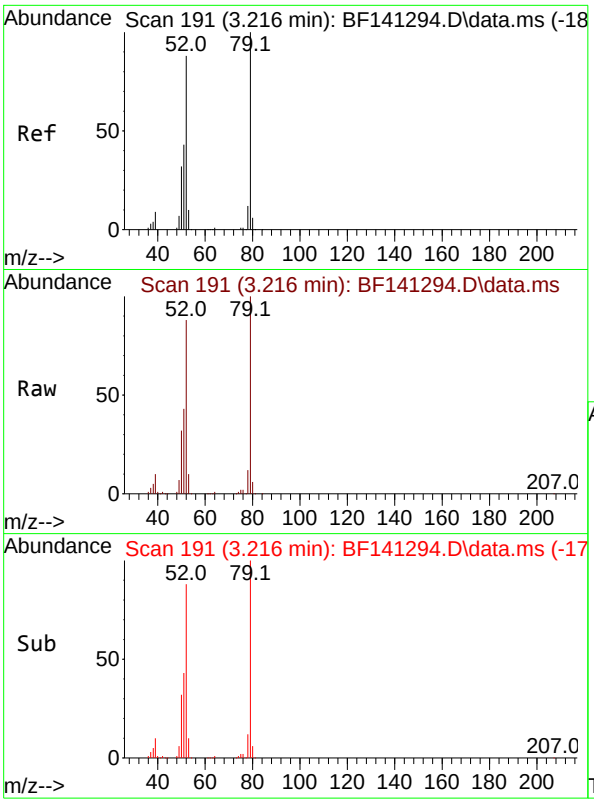


#2
1,4-Dioxane
Concen: 37.453 ng
RT: 2.487 min Scan# 67
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 88 Resp: 146751

Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.2	105.4
43	34.5	27.6	41.4



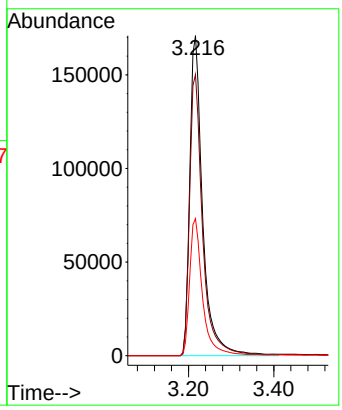


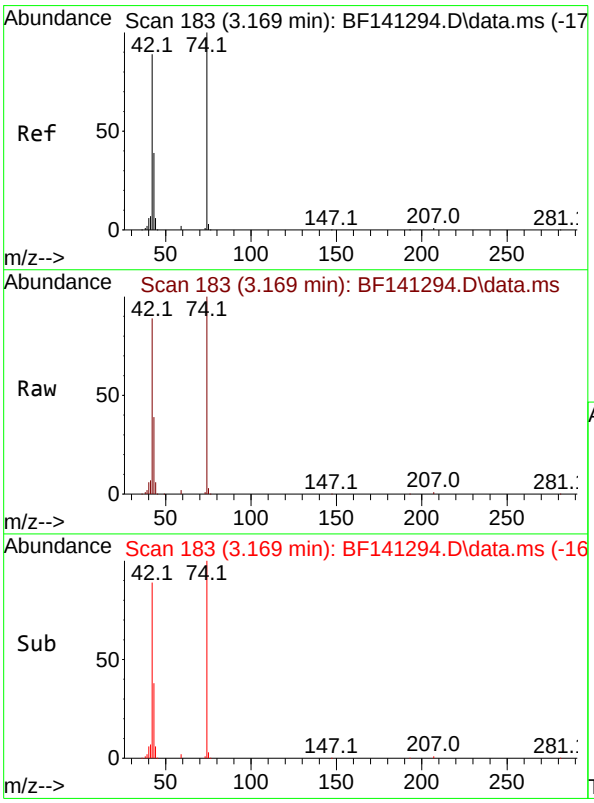
#3
Pyridine
Concen: 38.457 ng
RT: 3.216 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 360381

Ion	Ratio	Lower	Upper
79	100		
52	87.9	70.3	105.5
51	42.9	34.3	51.5

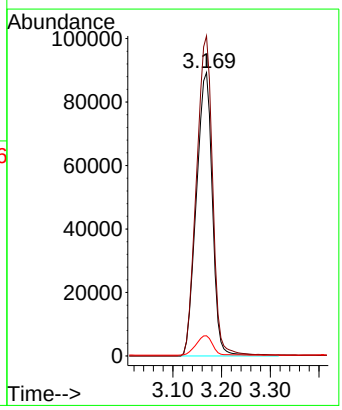


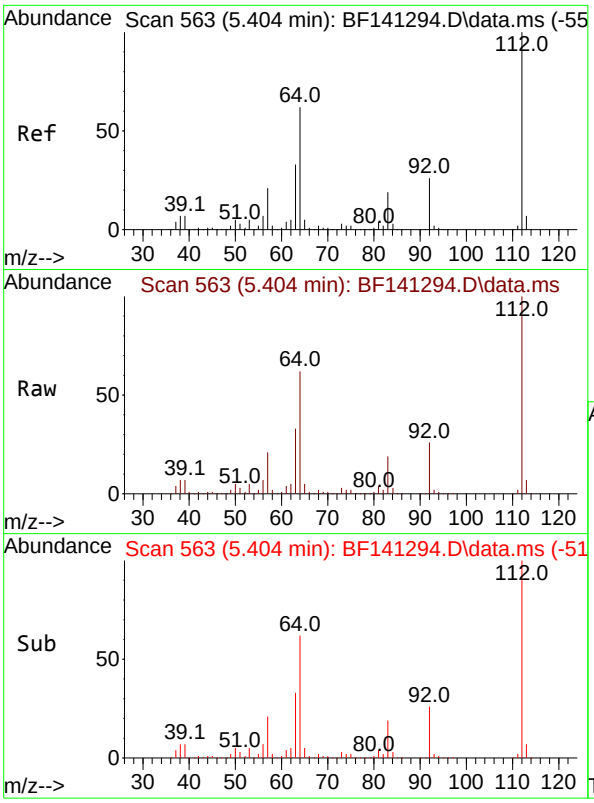


#4
n-Nitrosodimethylamine
Concen: 38.203 ng
RT: 3.169 min Scan# 183
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 42 Resp: 205026

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.3	135.5
44	7.1	5.7	8.5



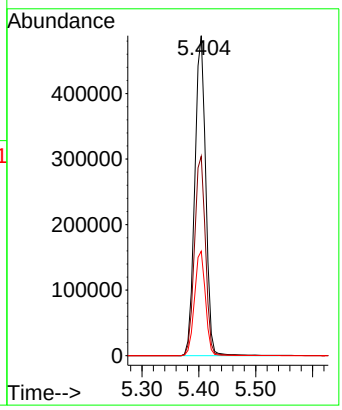


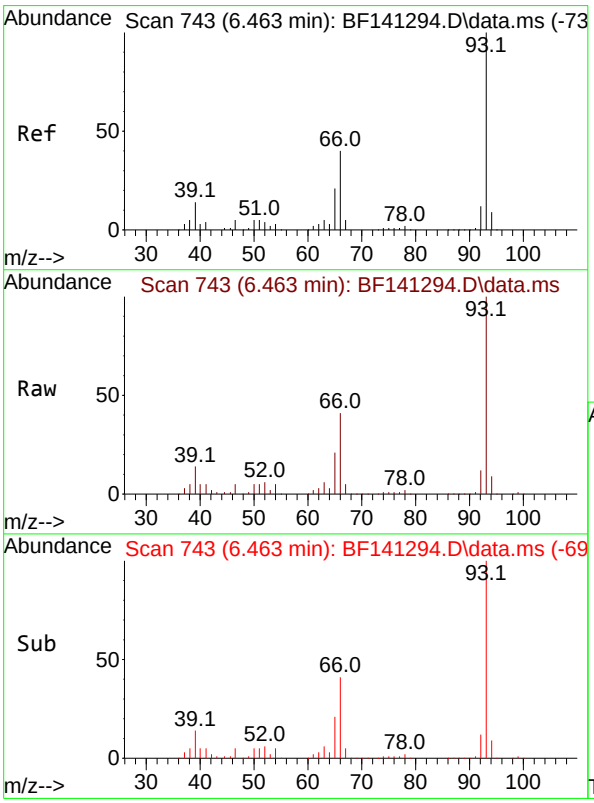
#5
2-Fluorophenol
Concen: 74.279 ng
RT: 5.404 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 655671

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	32.6	26.1	39.1

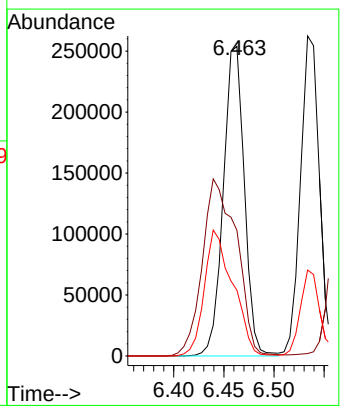


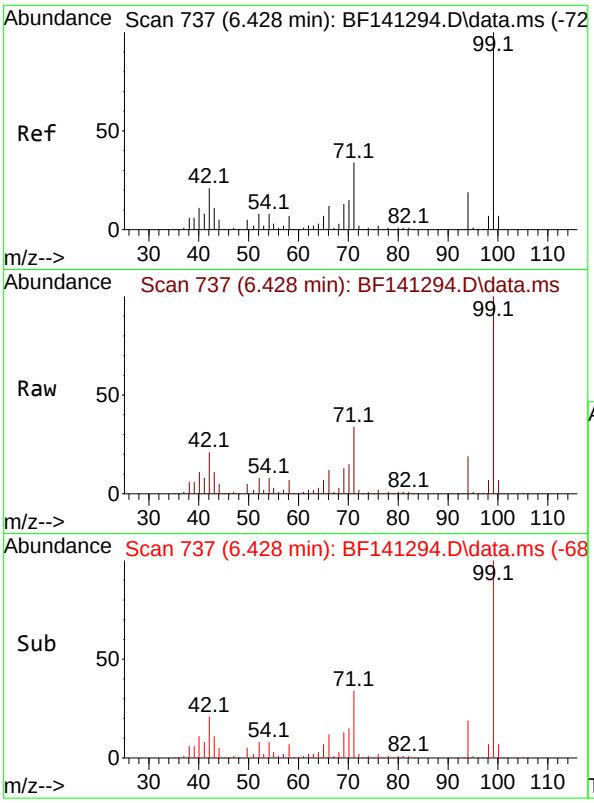


#6
Aniline
Concen: 39.471 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 93 Resp: 371145

Ion	Ratio	Lower	Upper
93	100		
66	40.6	32.5	48.7
65	21.3	17.0	25.6



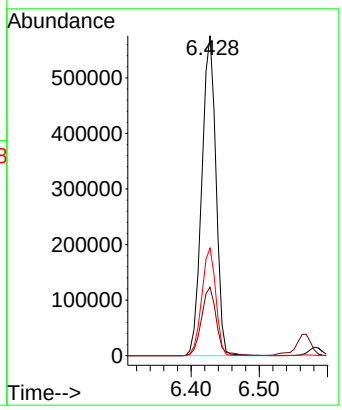


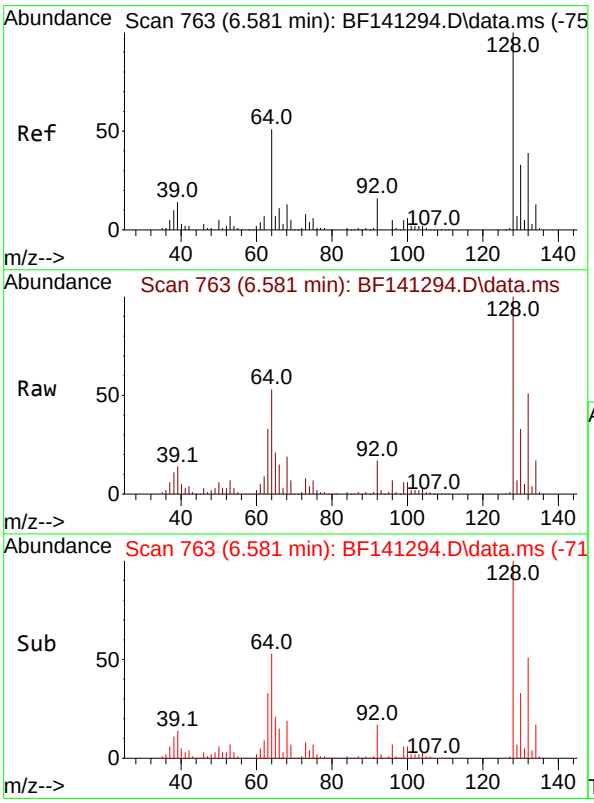
#7
Phenol-d6
Concen: 73.753 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 829746

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.1	25.7
71	33.6	26.9	40.3

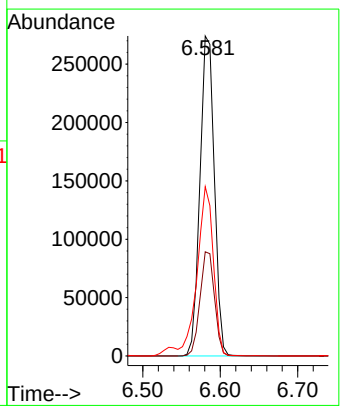


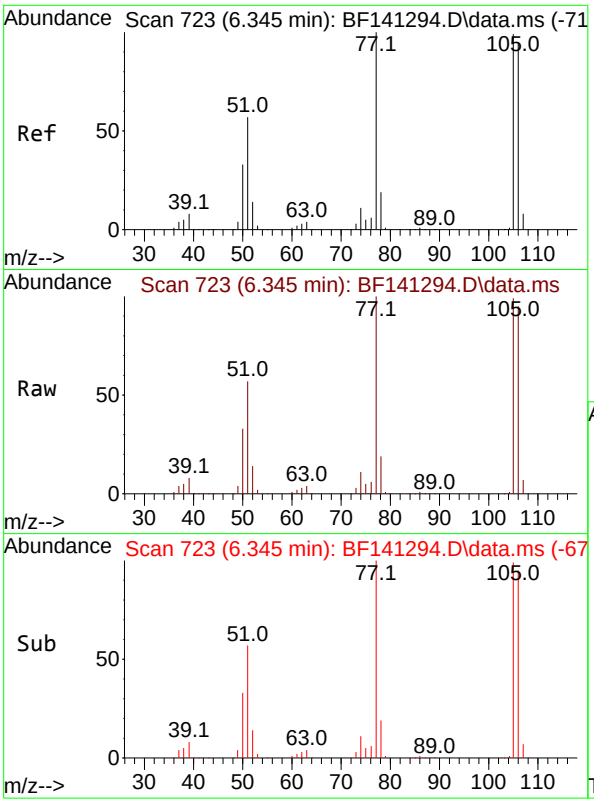


#8
2-Chlorophenol
Concen: 37.357 ng
RT: 6.581 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:128 Resp: 354141

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	52.9	32.9	72.9



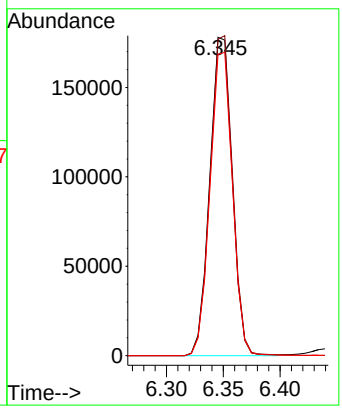


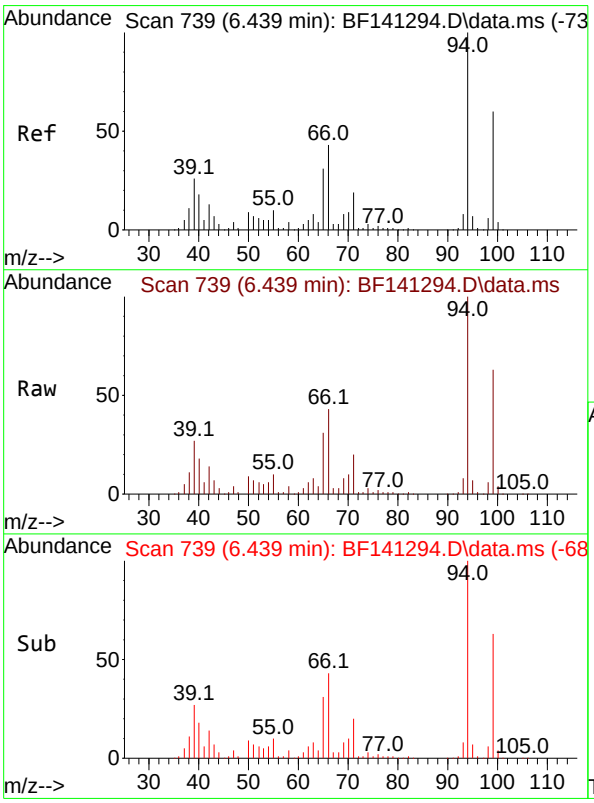
#9
Benzaldehyde
Concen: 37.402 ng
RT: 6.345 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 244365

Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.4	119.4
106	94.6	74.6	114.6

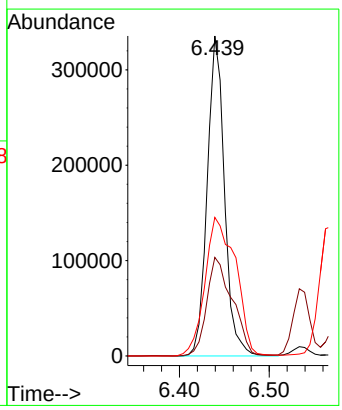


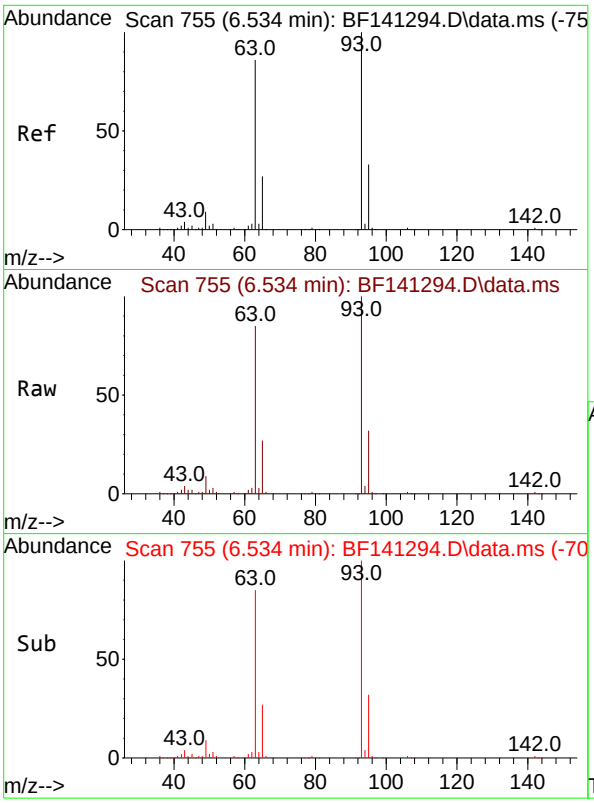


#10
Phenol
Concen: 37.678 ng
RT: 6.439 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 94 Resp: 448441

Ion	Ratio	Lower	Upper
94	100		
65	30.8	10.8	50.8
66	43.3	23.3	63.3



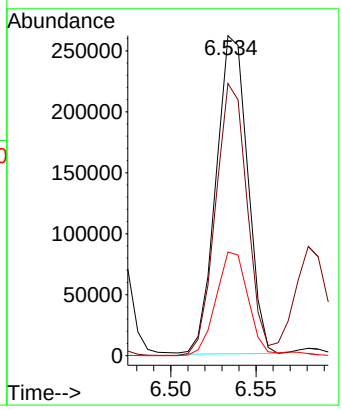


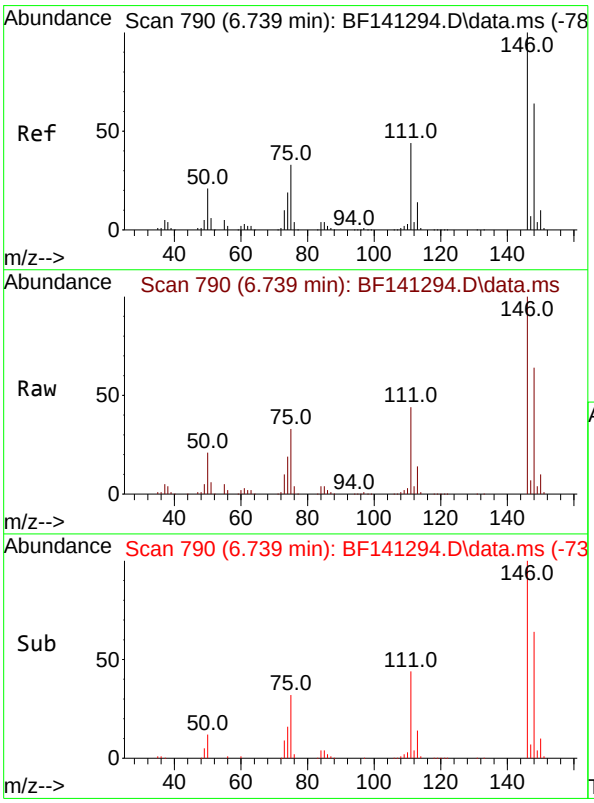
#11
bis(2-Chloroethyl)ether
Concen: 36.754 ng
RT: 6.534 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 336429

Ion	Ratio	Lower	Upper
93	100		
63	85.0	65.0	105.0
95	32.4	12.4	52.4

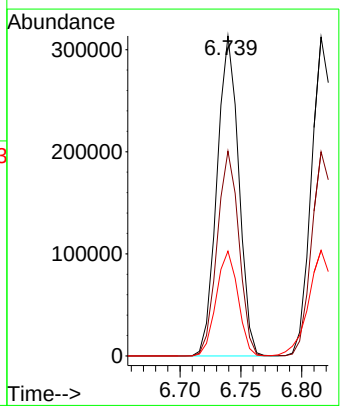


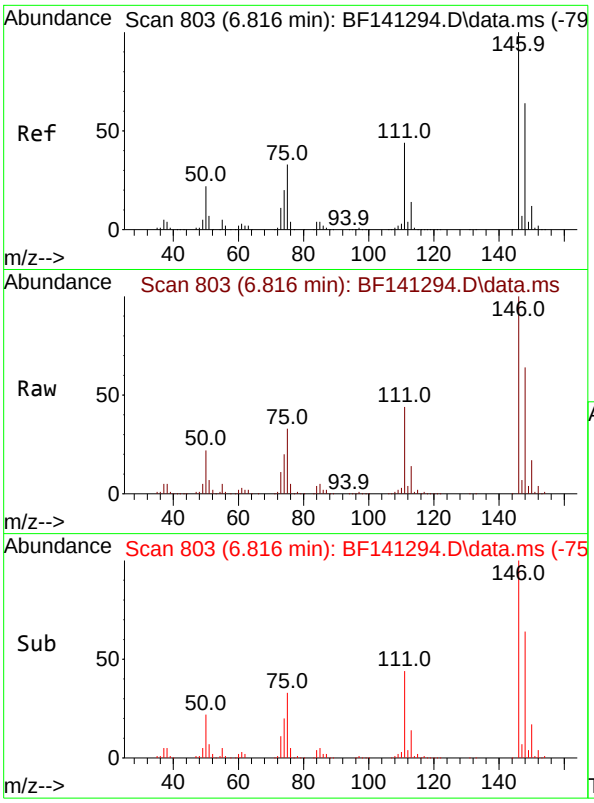


#12
1,3-Dichlorobenzene
Concen: 37.328 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:146 Resp: 390276

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	32.8	26.2	39.4



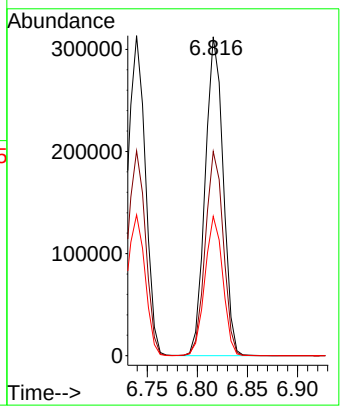


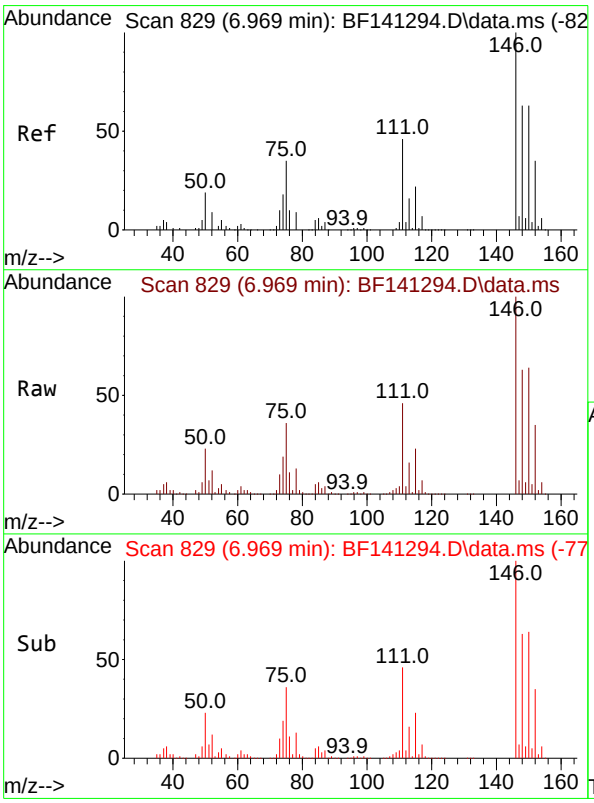
#13
1,4-Dichlorobenzene
Concen: 37.119 ng
RT: 6.816 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:146 Resp: 390834

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
111	43.7	35.0	52.4

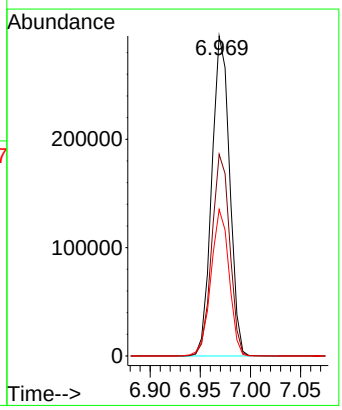


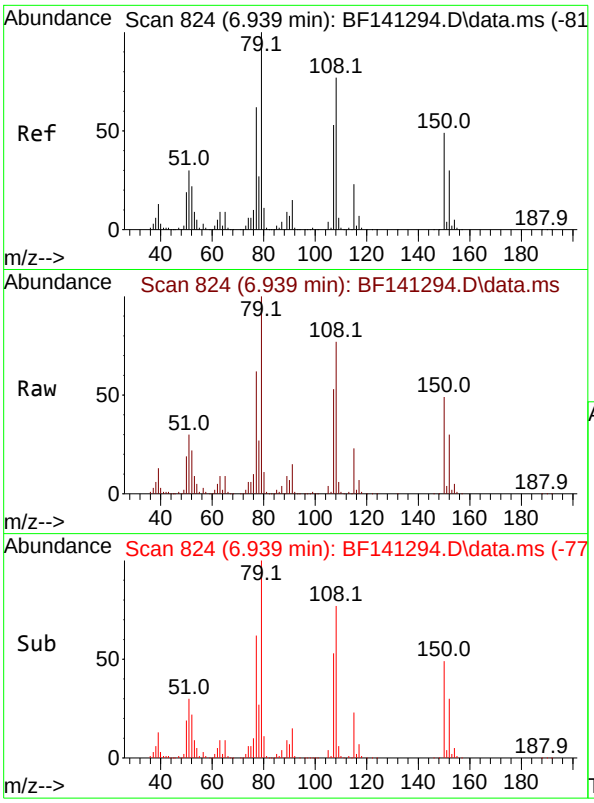


#14
1,2-Dichlorobenzene
Concen: 37.114 ng
RT: 6.969 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:146 Resp: 365173

Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
111	45.8	36.6	55.0



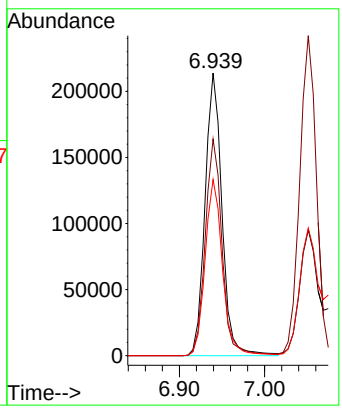


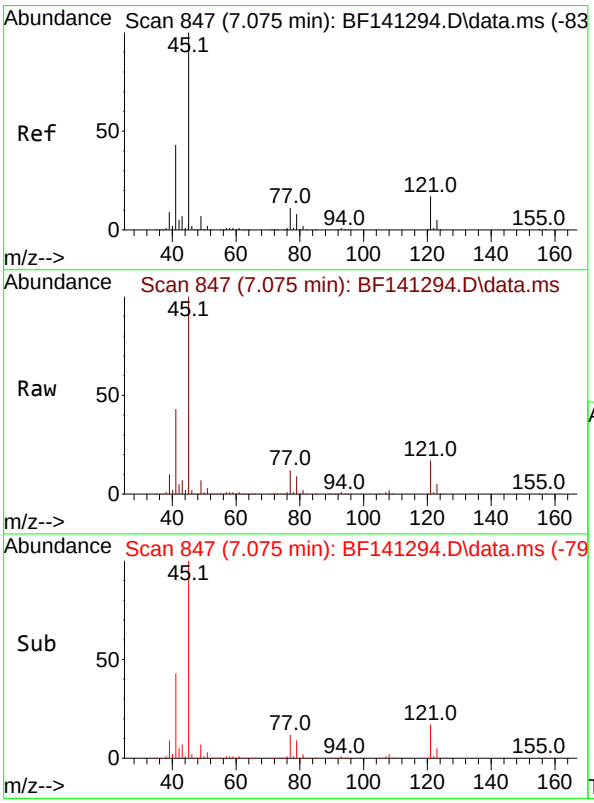
#15
Benzyl Alcohol
Concen: 38.445 ng
RT: 6.939 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 295478

Ion	Ratio	Lower	Upper
79	100		
108	76.7	61.4	92.0
77	62.4	49.9	74.9

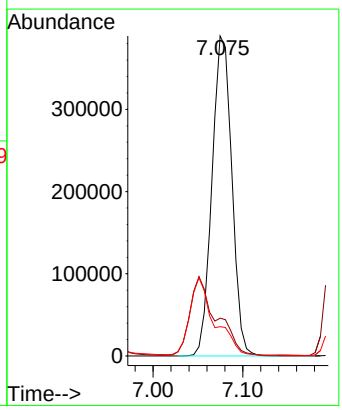


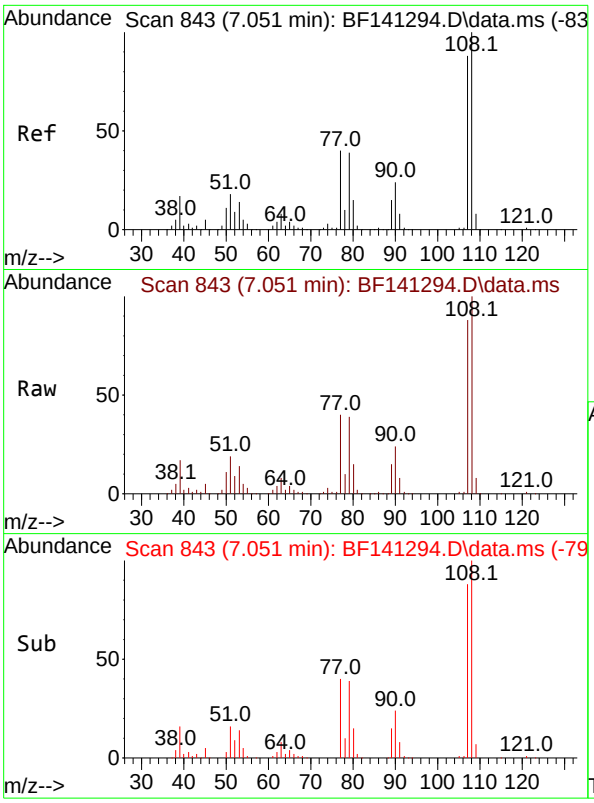


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.578 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 45 Resp: 597590

Ion	Ratio	Lower	Upper
45	100		
77	11.8	0.0	31.8
79	9.1	0.0	29.1



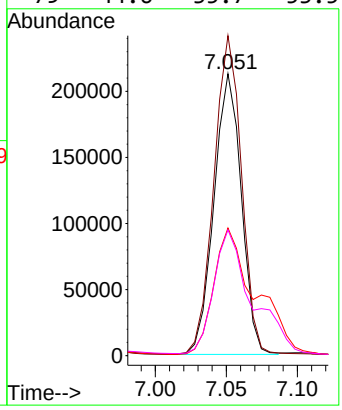


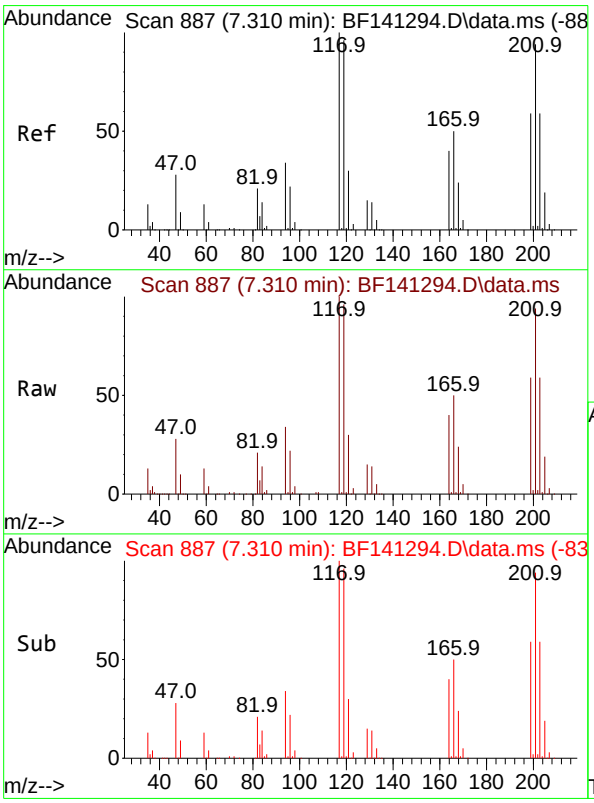
#17
2-Methylphenol
Concen: 37.077 ng
RT: 7.051 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:107 Resp: 284578

Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.8	136.2
77	45.3	36.2	54.4
79	44.6	35.7	53.5

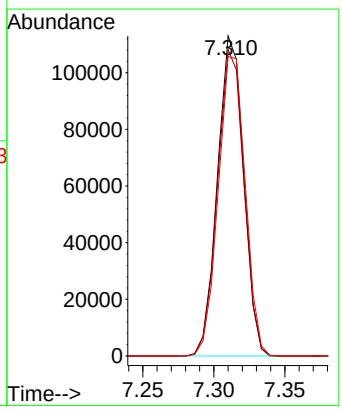


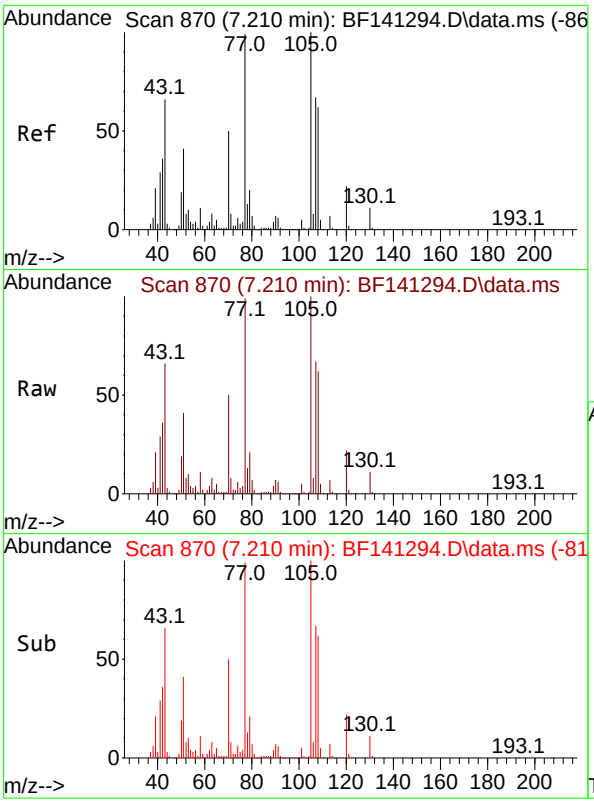


#18
Hexachloroethane
Concen: 37.124 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:117 Resp: 144619

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	93.5	74.8	112.2



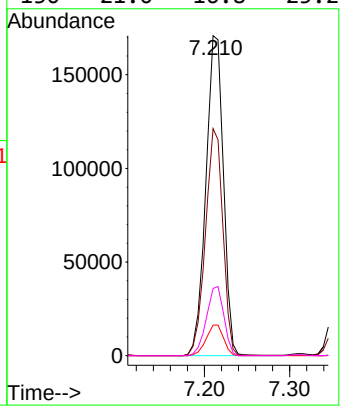


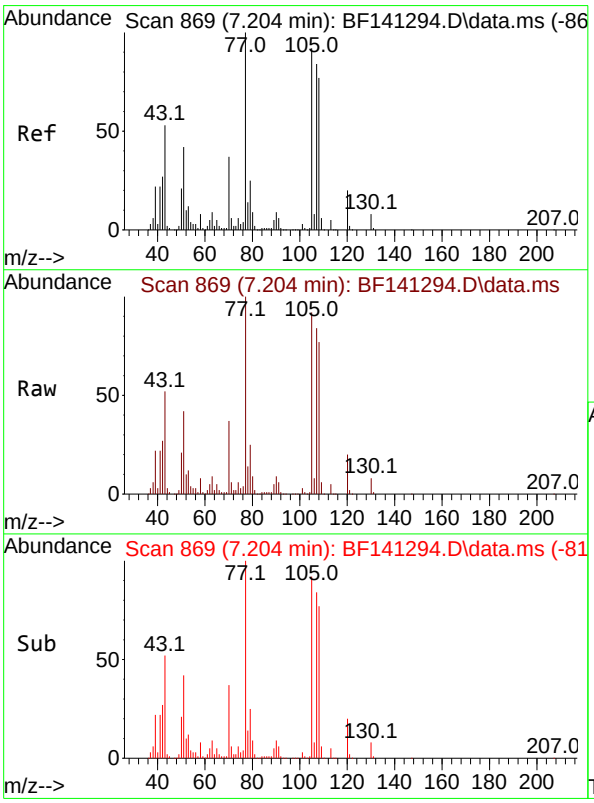
#19
n-Nitroso-di-n-propylamine
Concen: 36.524 ng
RT: 7.210 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 70 Resp: 244379

Ion	Ratio	Lower	Upper
70	100		
42	71.0	56.8	85.2
101	9.6	7.7	11.5
130	21.0	16.8	25.2

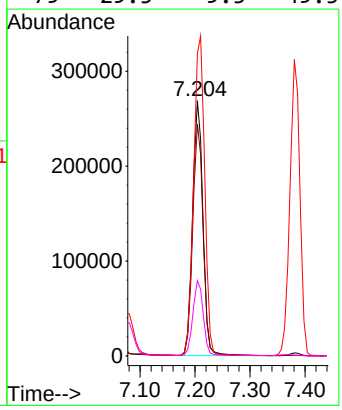


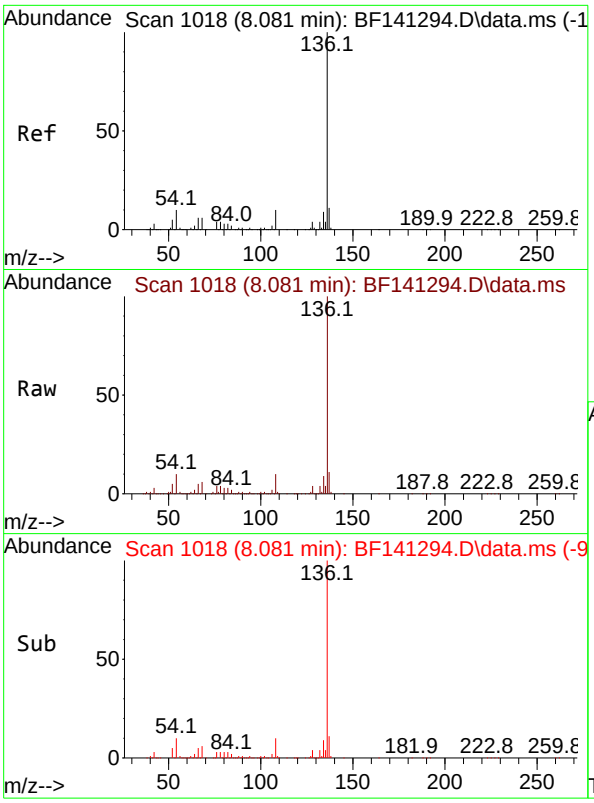


#20
3+4-Methylphenols
Concen: 37.222 ng
RT: 7.204 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:107 Resp: 351248

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.9	110.9
77	118.5	98.5	138.5
79	29.5	9.5	49.5



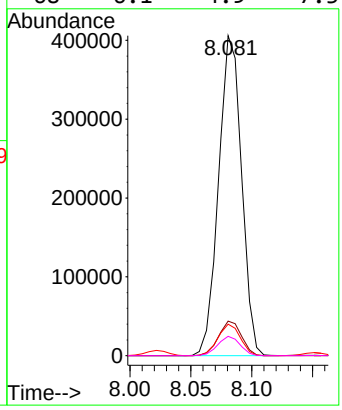


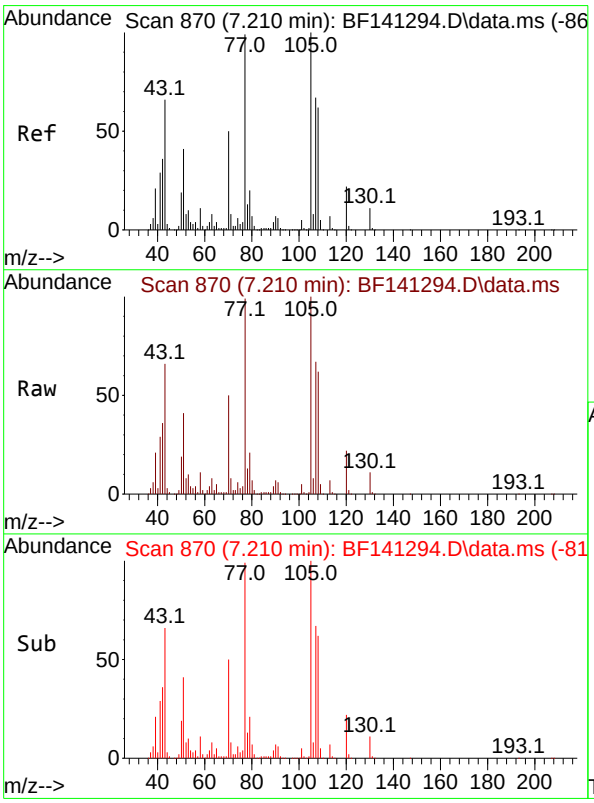
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 533326

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.8	7.8	11.8
68	6.1	4.9	7.3

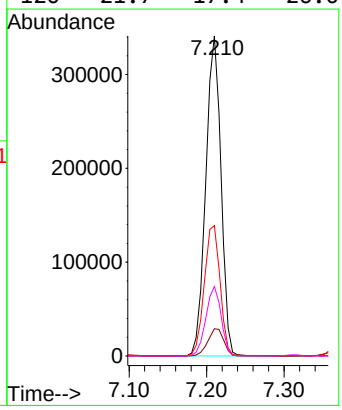


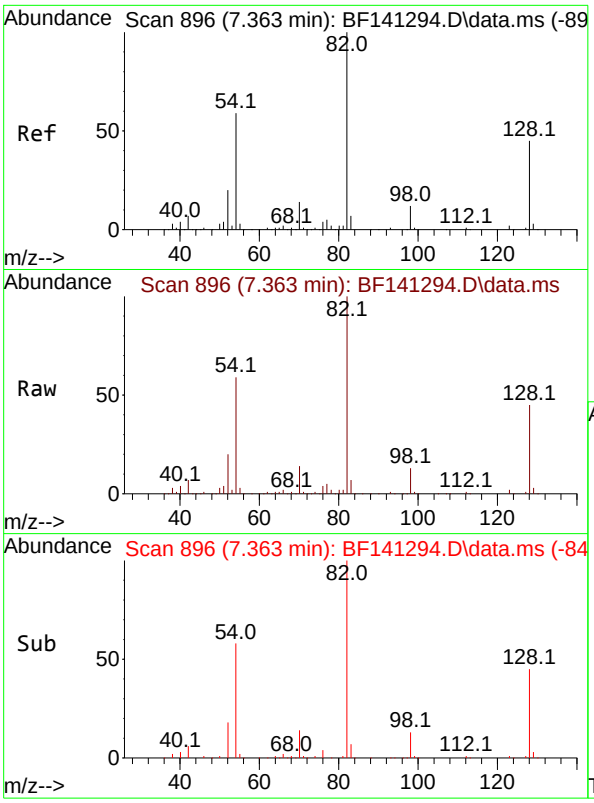


#22
Acetophenone
Concen: 36.793 ng
RT: 7.210 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:105 Resp: 465165

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.8	10.2
51	40.8	32.6	49.0
120	21.7	17.4	26.0



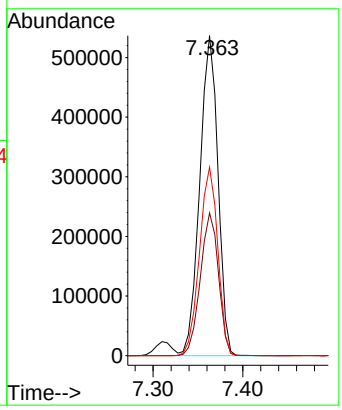


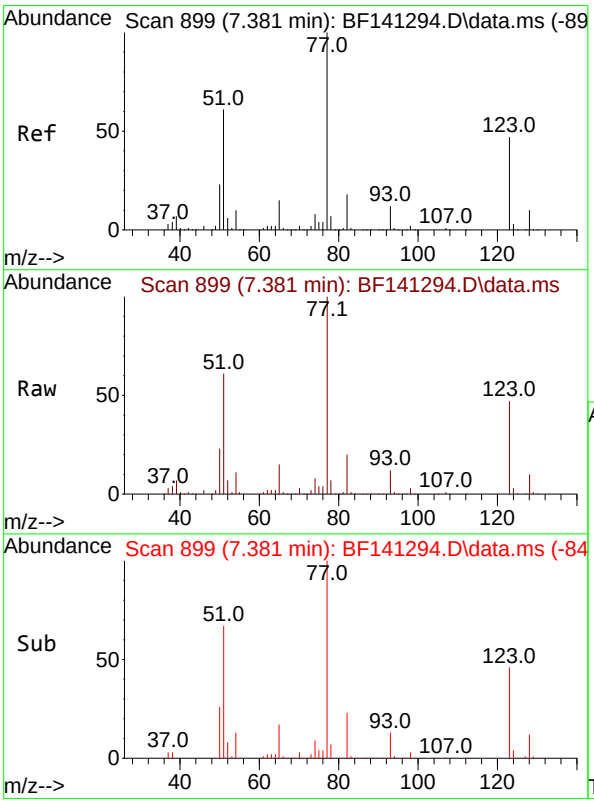
#23
Nitrobenzene-d5
Concen: 74.958 ng
RT: 7.363 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 755539

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.9	47.1	70.7

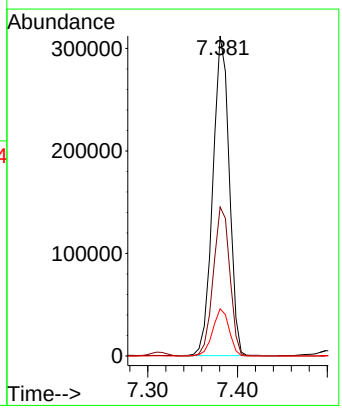


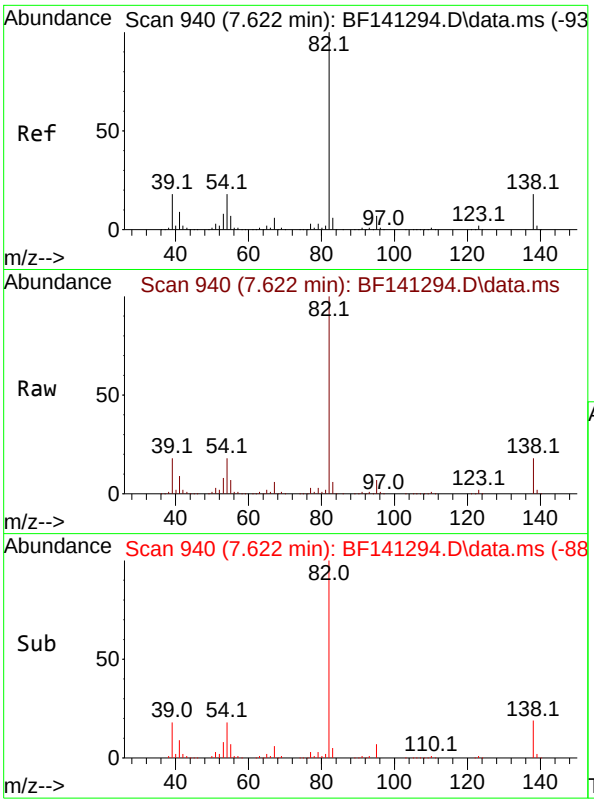


#24
Nitrobenzene
Concen: 37.893 ng
RT: 7.381 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 77 Resp: 396149

Ion	Ratio	Lower	Upper
77	100		
123	46.6	37.3	55.9
65	14.7	11.8	17.6



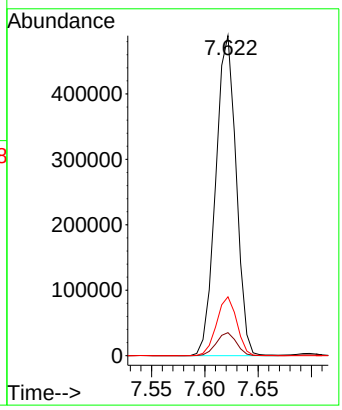


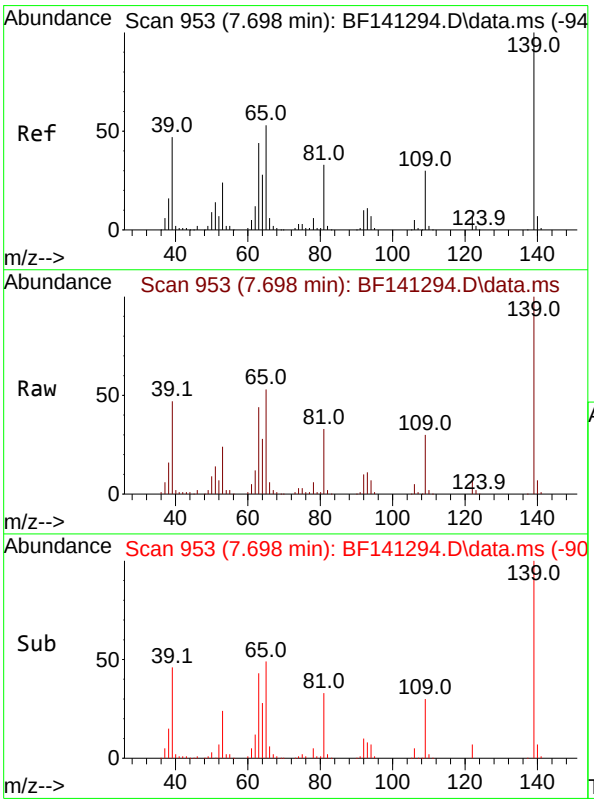
#25
Isophorone
Concen: 37.429 ng
RT: 7.622 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 82 Resp: 651994

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.4	14.7	22.1

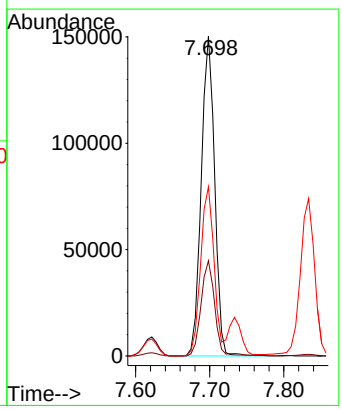


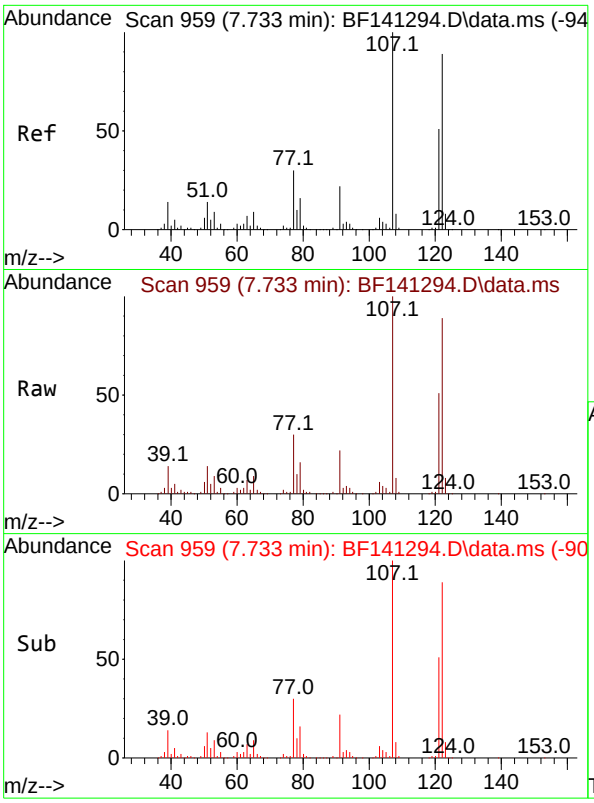


#26
2-Nitrophenol
Concen: 38.483 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:139 Resp: 188435

Ion	Ratio	Lower	Upper
139	100		
109	29.7	23.8	35.6
65	52.8	42.2	63.4



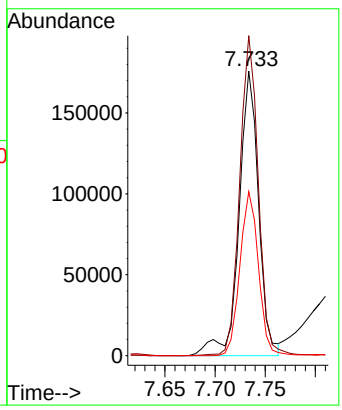


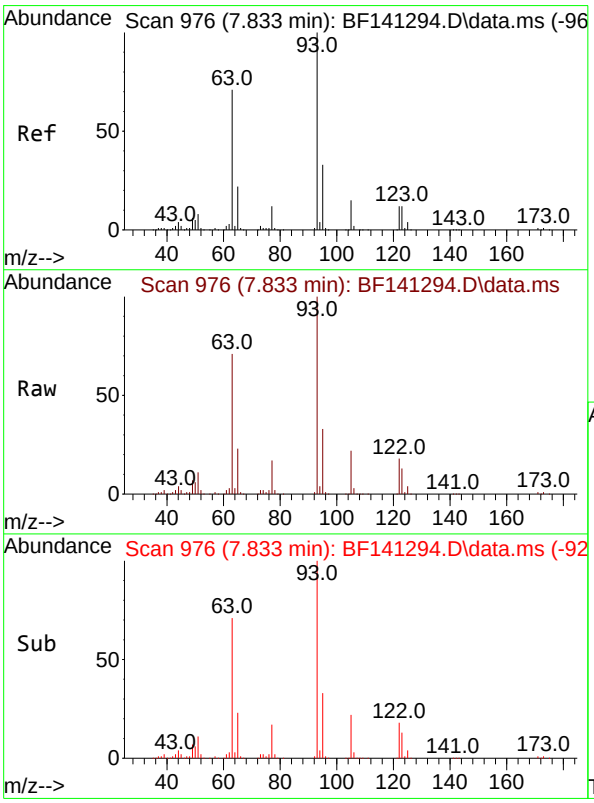
#27
2,4-Dimethylphenol
Concen: 38.255 ng
RT: 7.733 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:122 Resp: 239376

Ion	Ratio	Lower	Upper
122	100		
107	112.4	89.9	134.9
121	57.6	46.1	69.1

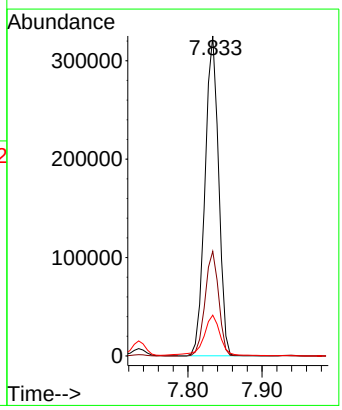


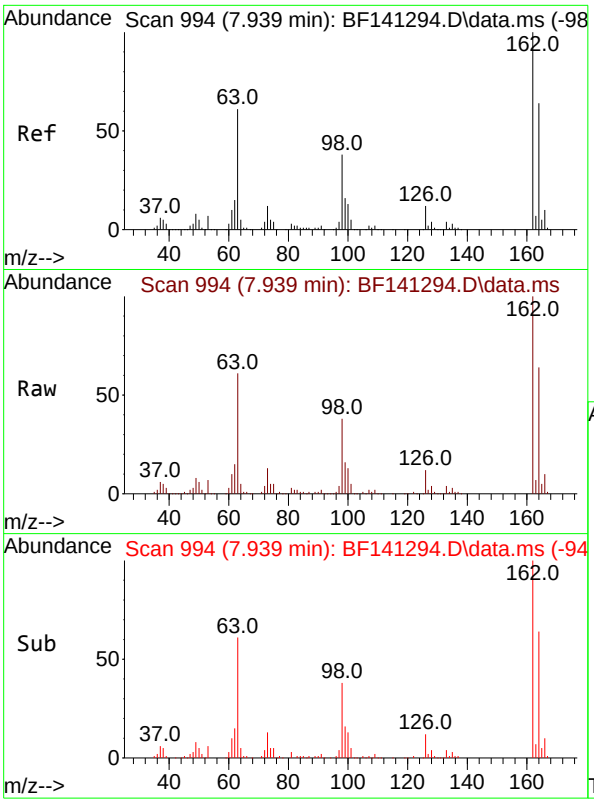


#28
bis(2-Chloroethoxy)methane
Concen: 37.367 ng
RT: 7.833 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 93 Resp: 414781

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	12.8	10.2	15.4



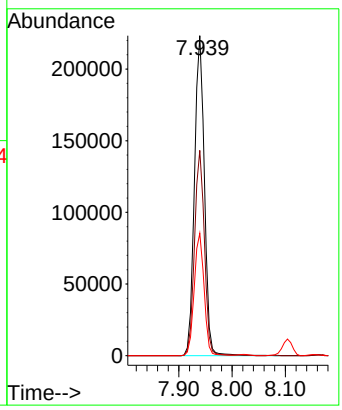


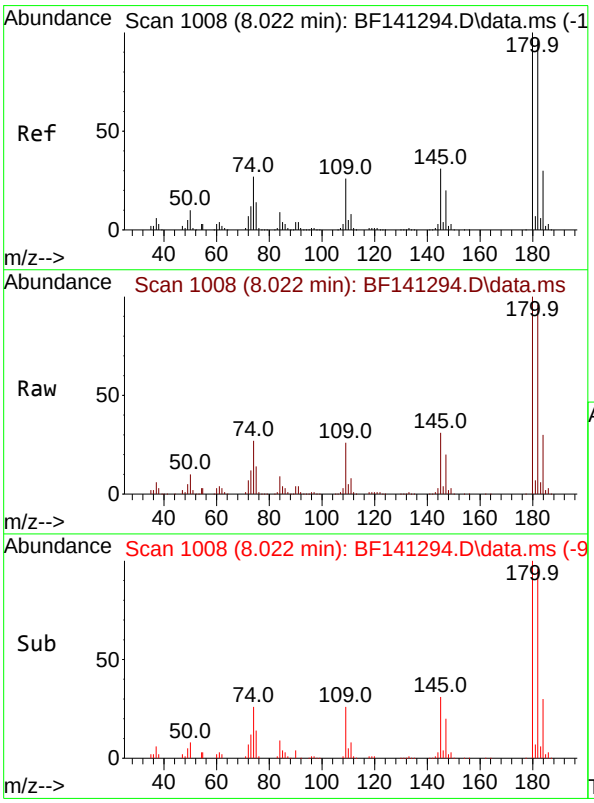
#29
2,4-Dichlorophenol
Concen: 37.768 ng
RT: 7.939 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 288763

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.2	18.2	58.2

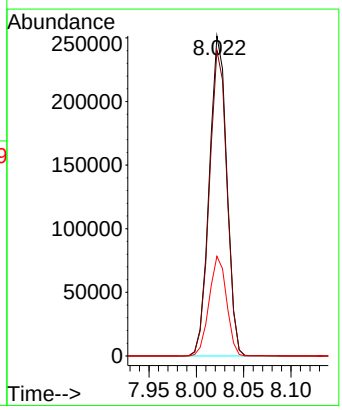


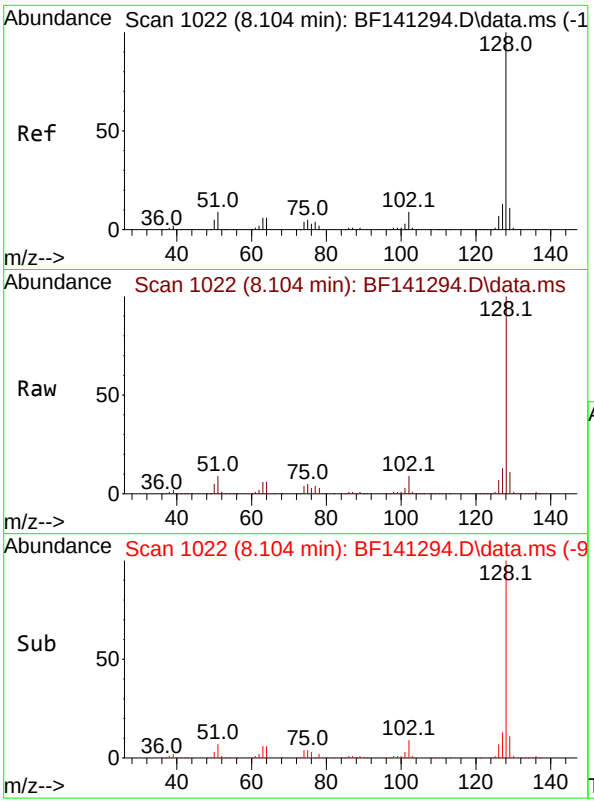


#30
1,2,4-Trichlorobenzene
Concen: 36.932 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:180 Resp: 323865

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	31.1	24.9	37.3



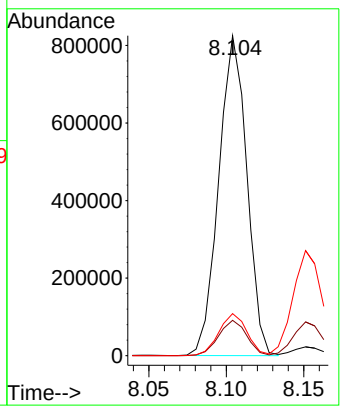


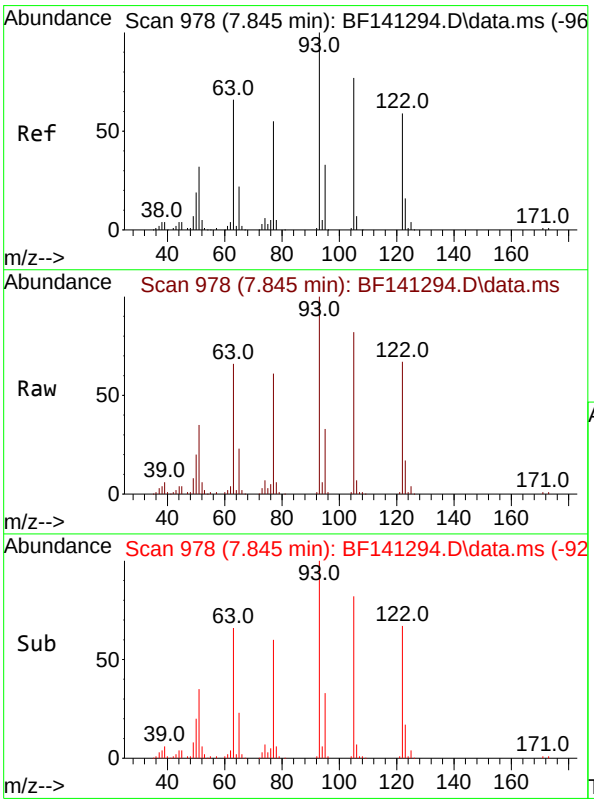
#31
Naphthalene
Concen: 37.116 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1041107

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	15.8

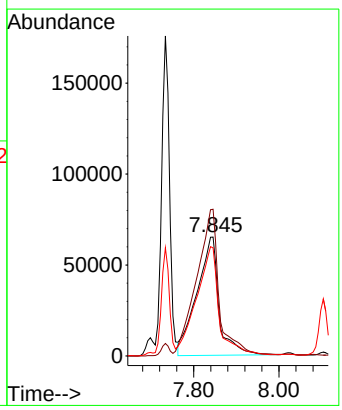


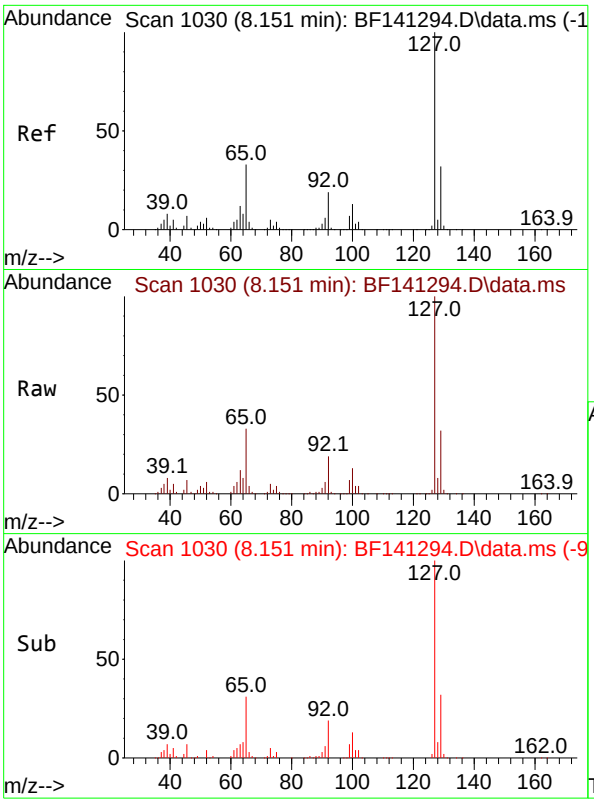


#32
Benzoic acid
Concen: 41.459 ng
RT: 7.845 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:122 Resp: 235596

Ion	Ratio	Lower	Upper
122	100		
105	123.4	103.4	143.4
77	90.9	70.9	110.9



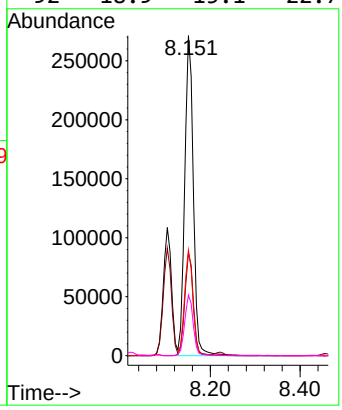


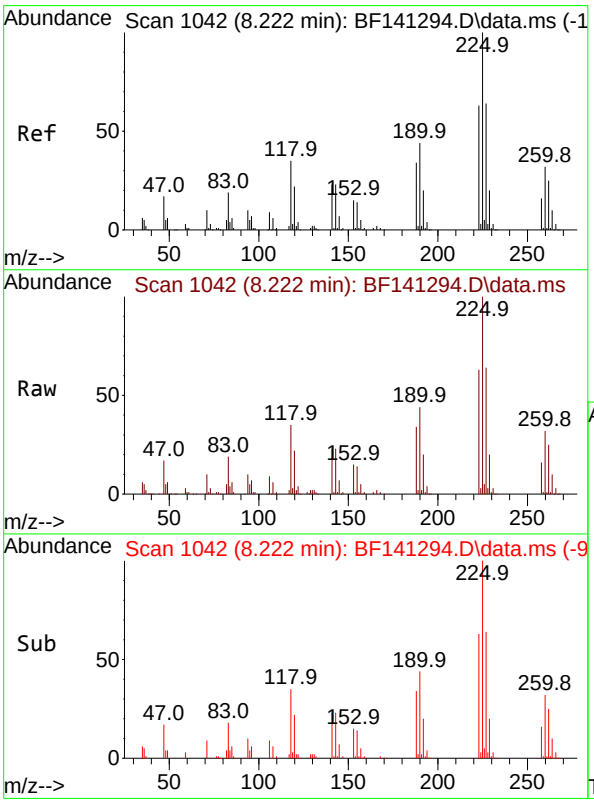
#33
4-Chloroaniline
Concen: 38.313 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:127 Resp: 361001

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	33.0	26.4	39.6
92	18.9	15.1	22.7

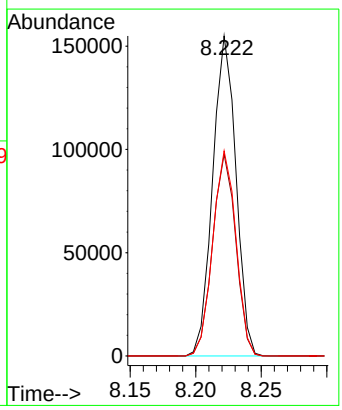


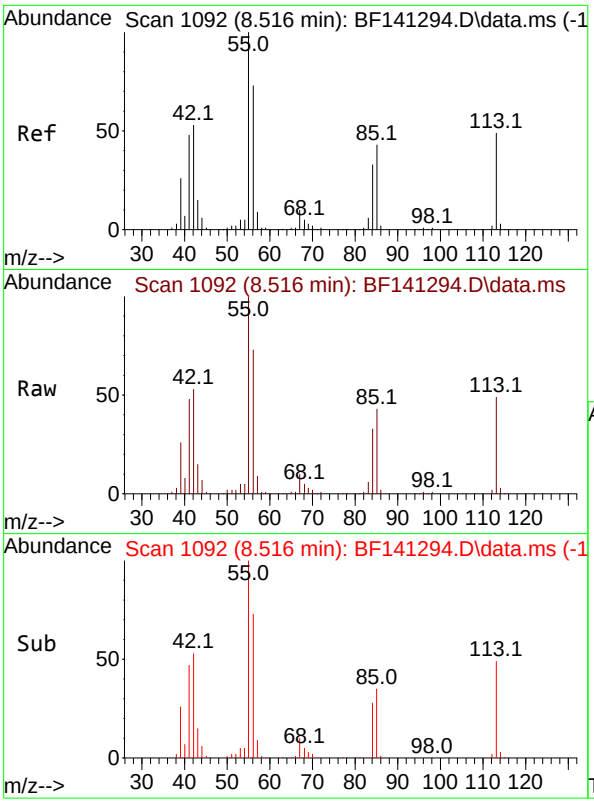


#34
Hexachlorobutadiene
Concen: 37.169 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:225 Resp: 190772

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	64.1	51.3	76.9



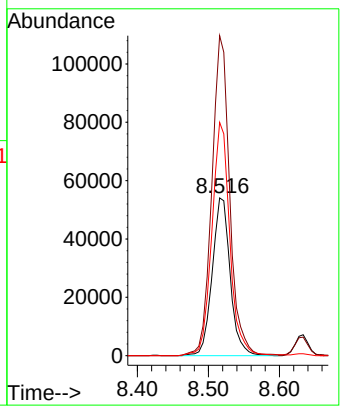


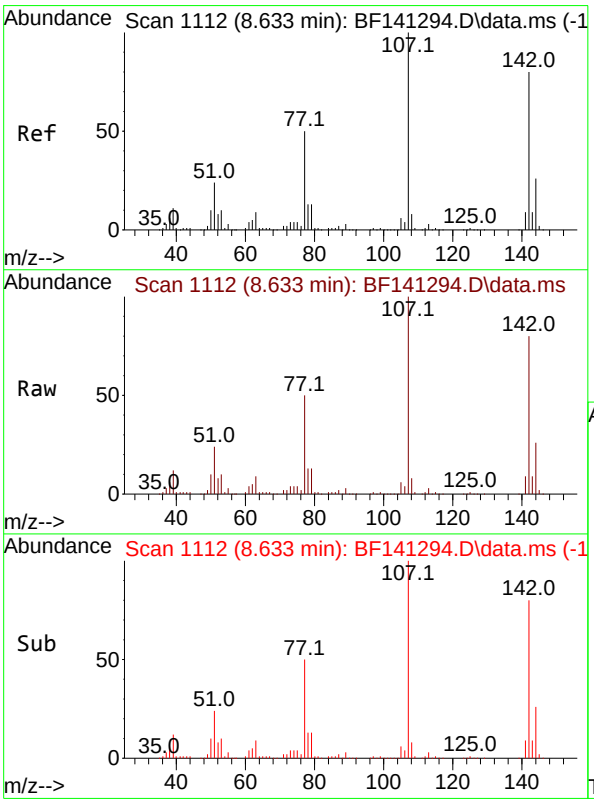
#35
Caprolactam
Concen: 38.342 ng
RT: 8.516 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:113 Resp: 94819

Ion	Ratio	Lower	Upper
113	100		
55	202.9	182.9	222.9
56	147.9	127.9	167.9

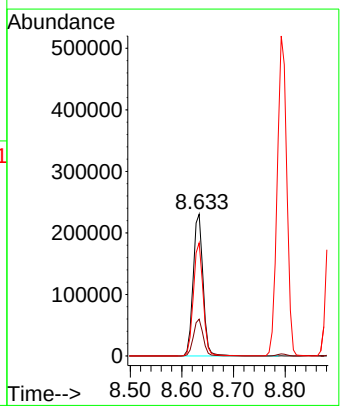


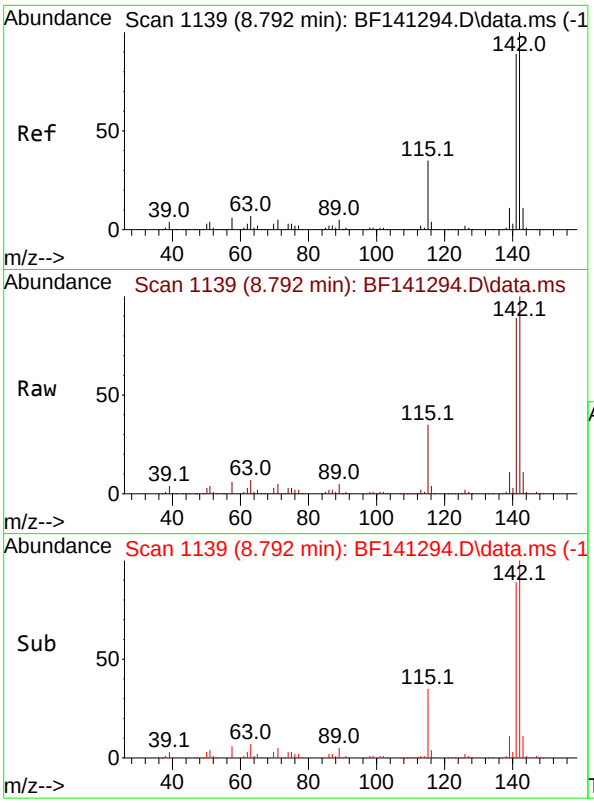


#36
4-Chloro-3-methylphenol
Concen: 37.262 ng
RT: 8.633 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:107 Resp: 305768

Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.7	31.1
142	79.8	63.8	95.8



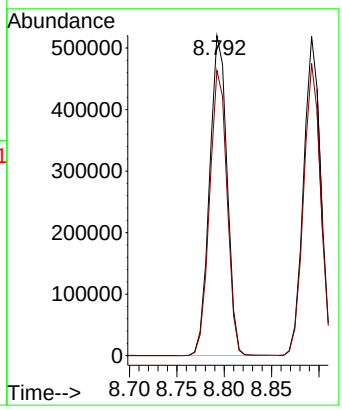


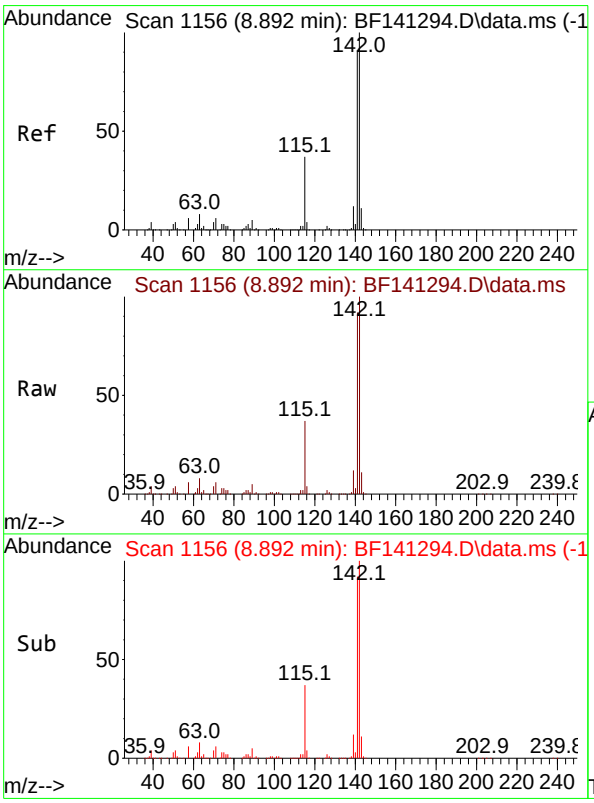
#37
2-Methylnaphthalene
Concen: 37.286 ng
RT: 8.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 666038

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9

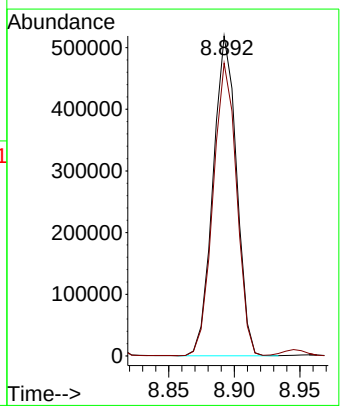


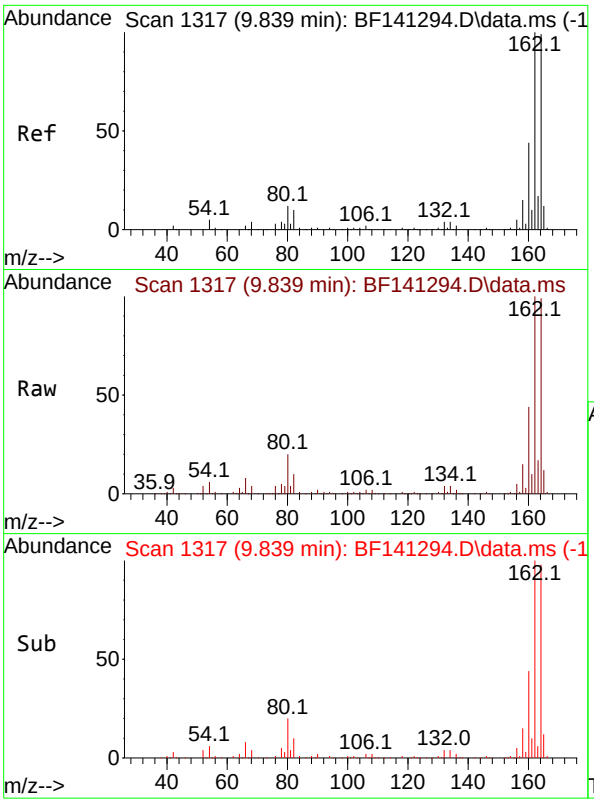


#38
1-Methylnaphthalene
Concen: 36.938 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:142 Resp: 646346

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8



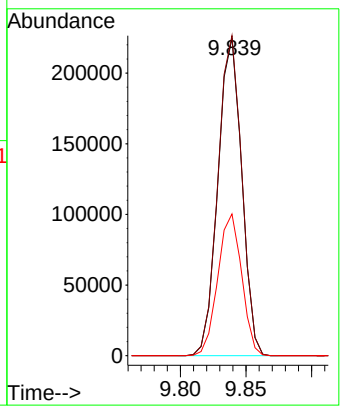


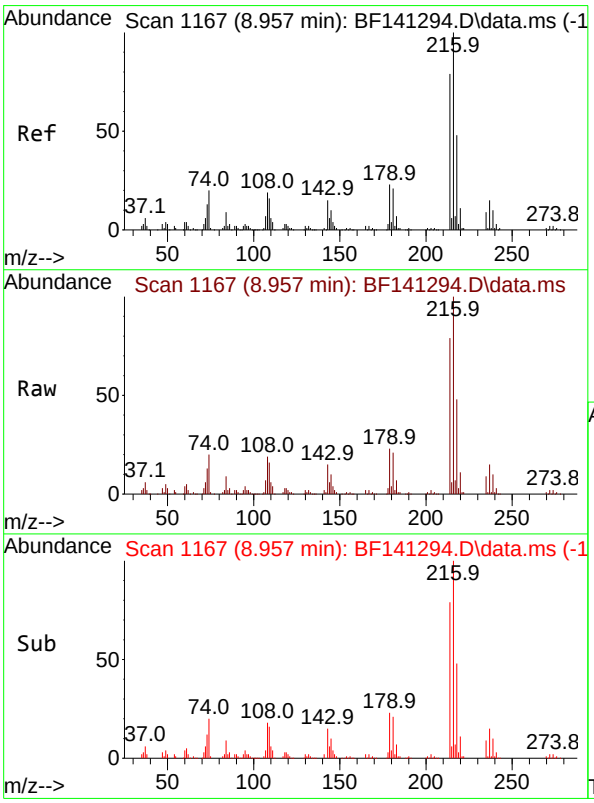
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:164 Resp: 282995

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	44.7	35.8	53.6

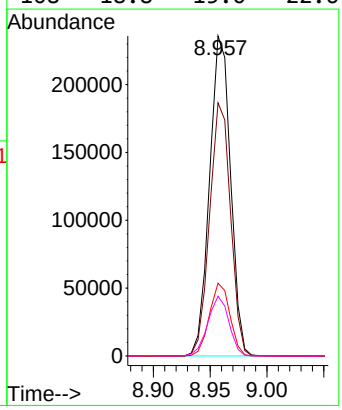


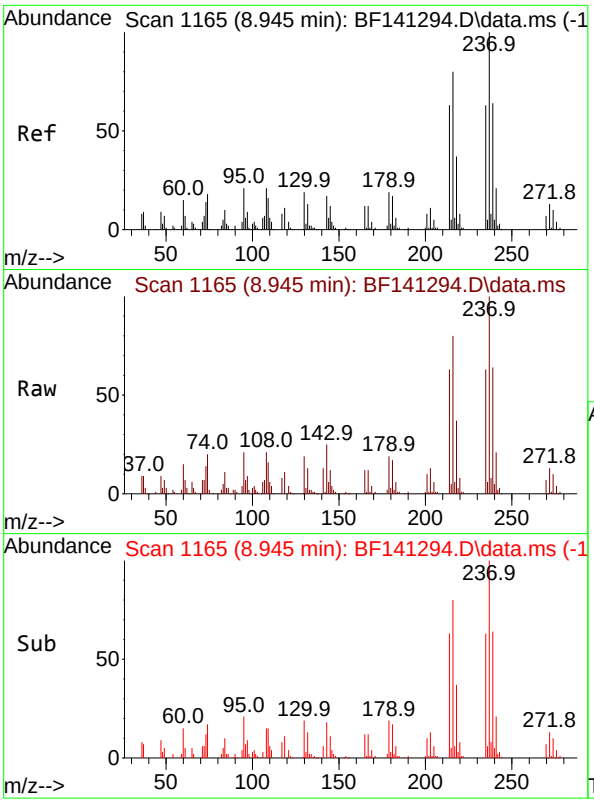


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.591 ng
RT: 8.957 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:216 Resp: 302471

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	22.3	17.8	26.8
108	18.8	15.0	22.6



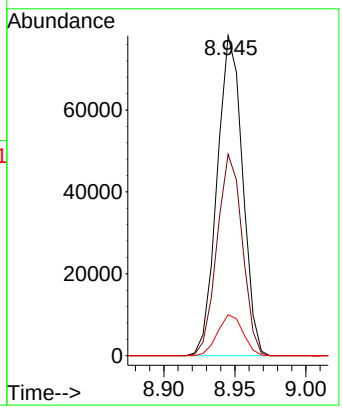


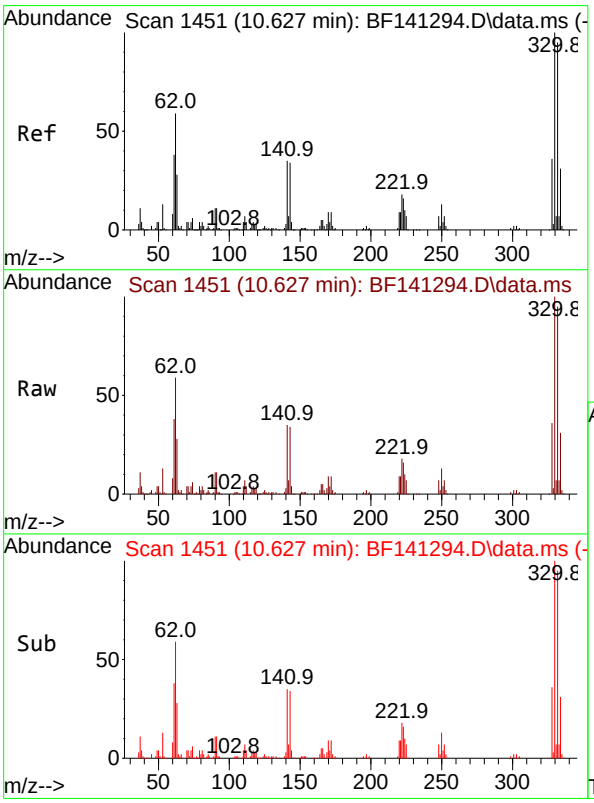
#41
Hexachlorocyclopentadiene
Concen: 40.295 ng
RT: 8.945 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:237 Resp: 97299

Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.8	0.0	32.8

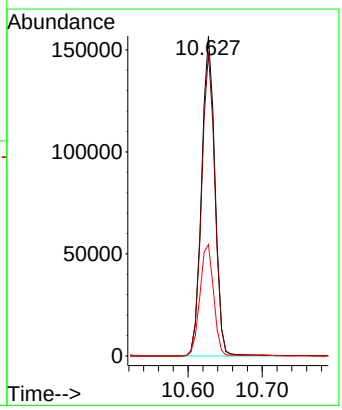


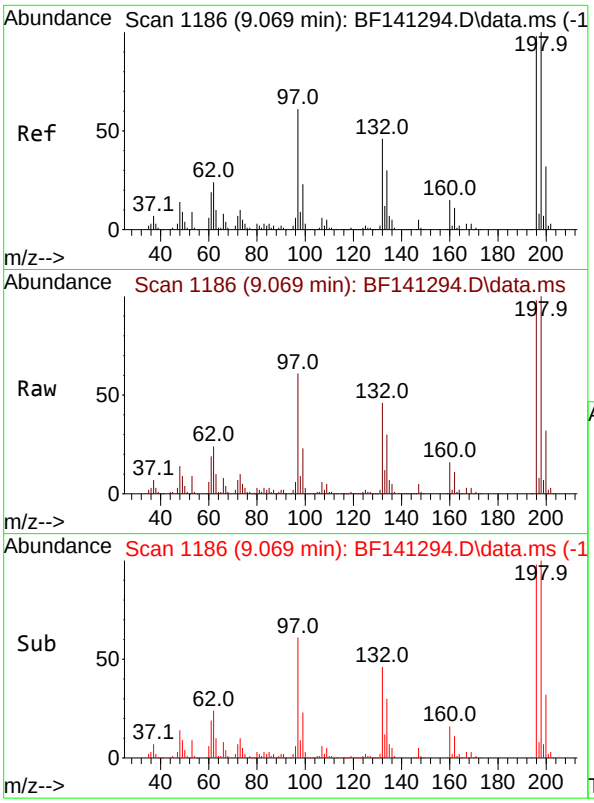


#42
2,4,6-Tribromophenol
Concen: 75.888 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:330 Resp: 195693

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.1	114.1
141	36.0	28.8	43.2



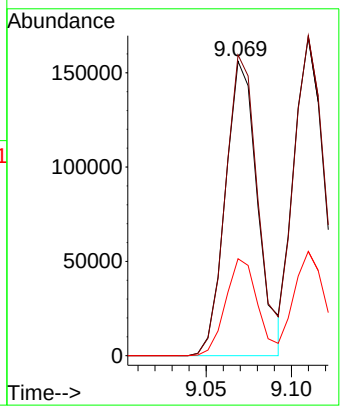


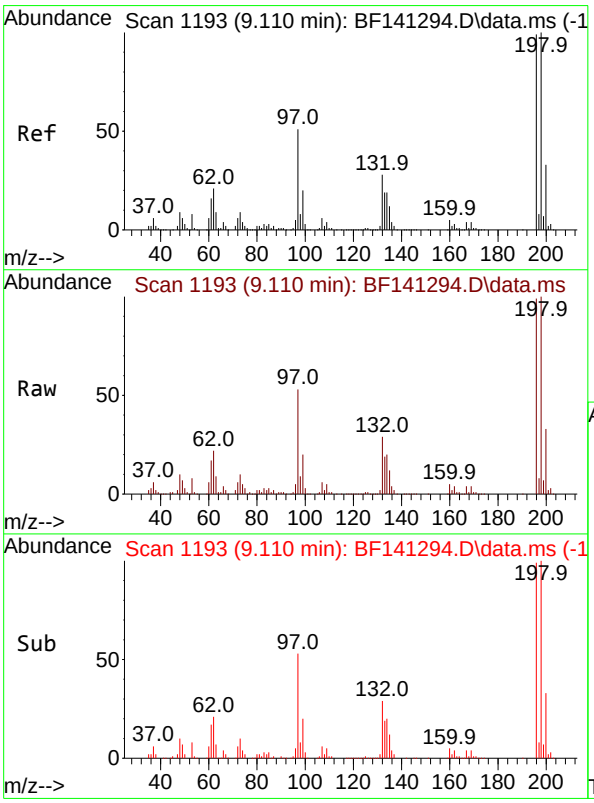
#43
2,4,6-Trichlorophenol
Concen: 39.181 ng
RT: 9.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:196 Resp: 205797

Ion	Ratio	Lower	Upper
196	100		
198	102.2	81.8	122.6
200	32.9	26.3	39.5

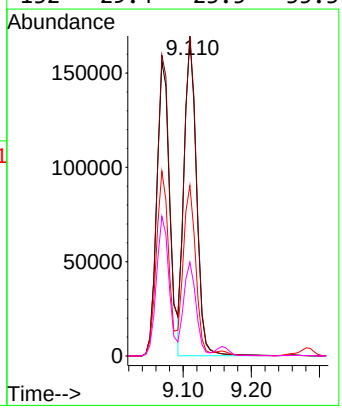


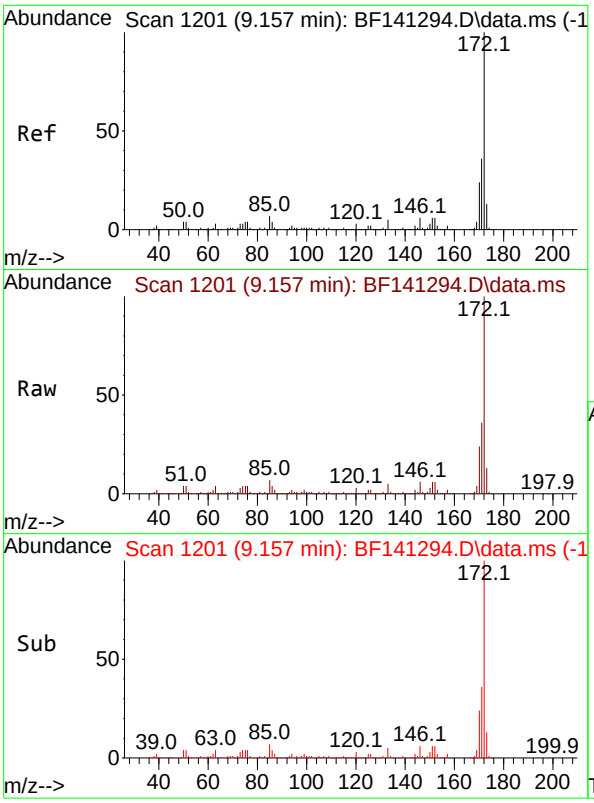


#44
2,4,5-Trichlorophenol
Concen: 37.346 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:196 Resp: 213401

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.5	120.7
97	53.5	42.8	64.2
132	29.4	23.5	35.3



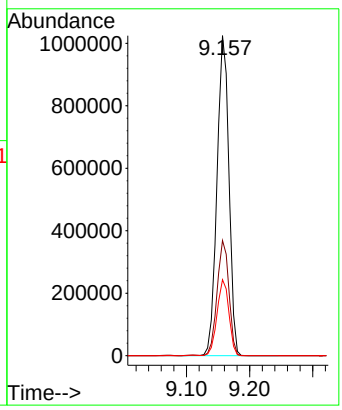


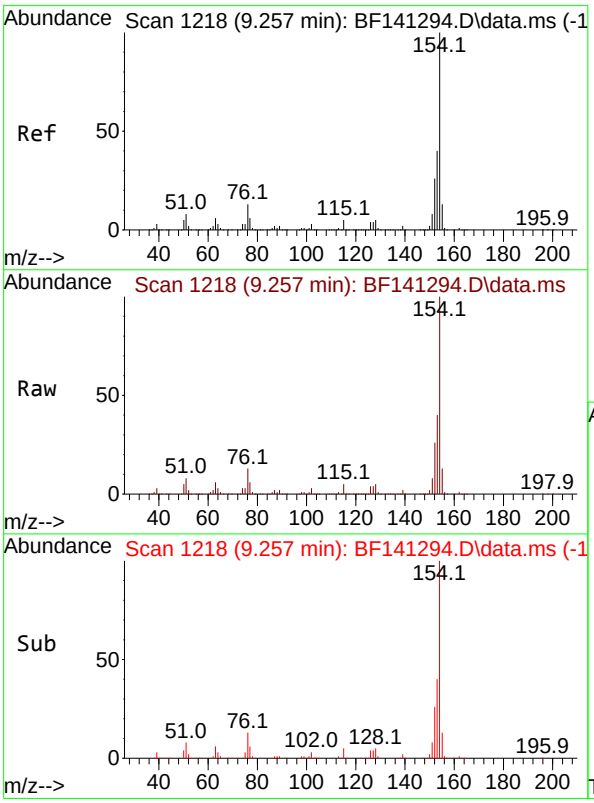
#45
2-Fluorobiphenyl
Concen: 73.029 ng
RT: 9.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:172 Resp: 1339709

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.8	19.0	28.6

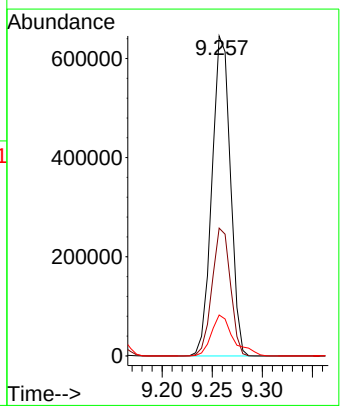


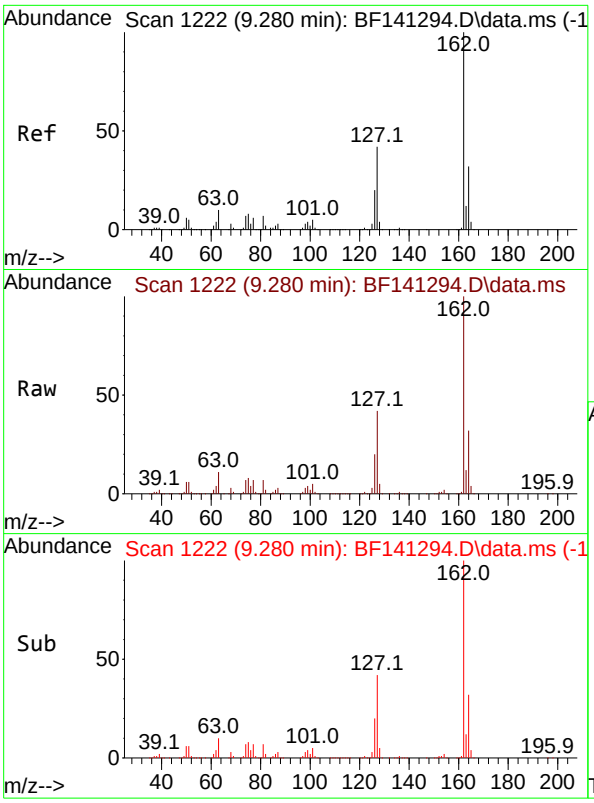


#46
1,1'-Biphenyl
Concen: 37.278 ng
RT: 9.257 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:154 Resp: 823004

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	12.8	0.0	32.8



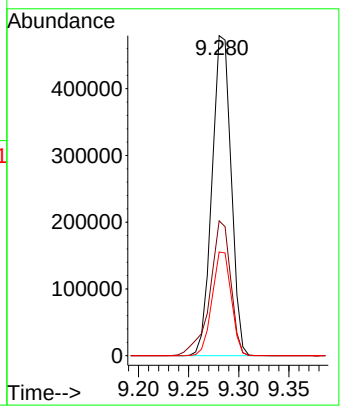


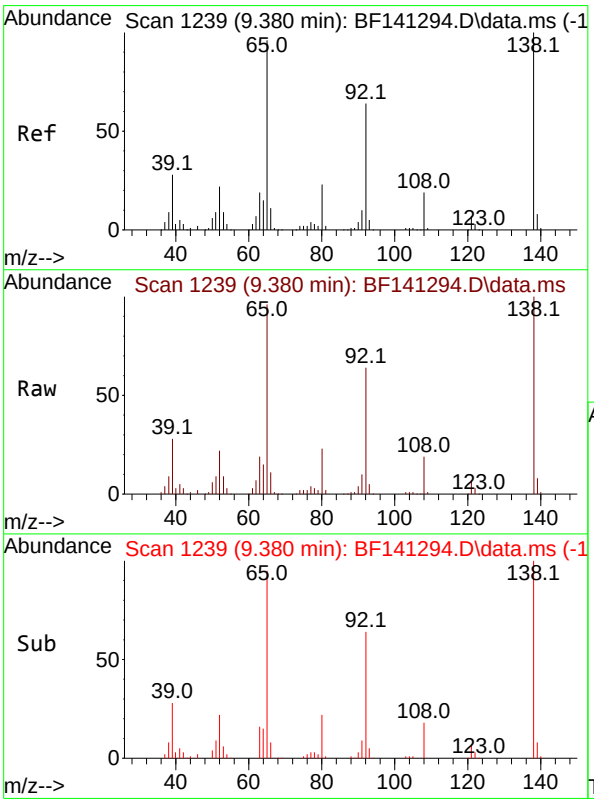
#47
2-Chloronaphthalene
Concen: 37.020 ng
RT: 9.280 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:162 Resp: 634814

Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.7	50.5
164	32.4	25.9	38.9

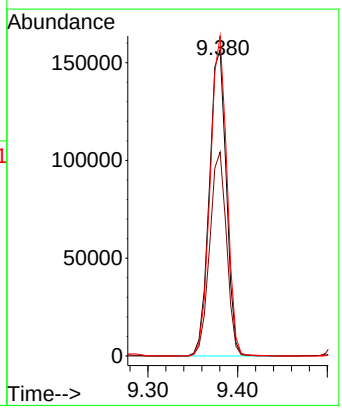


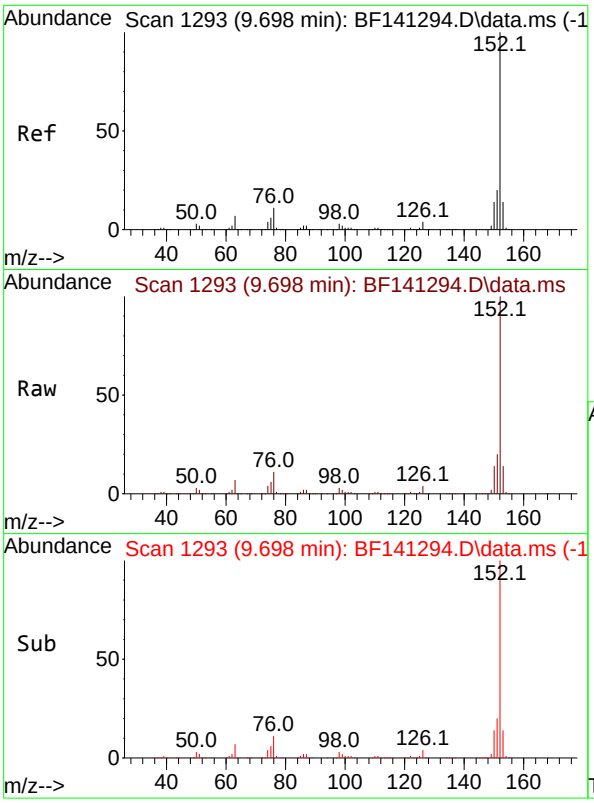


#48
2-Nitroaniline
Concen: 38.089 ng
RT: 9.380 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion: 65 Resp: 205997

Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.3	79.9
138	104.5	83.6	125.4



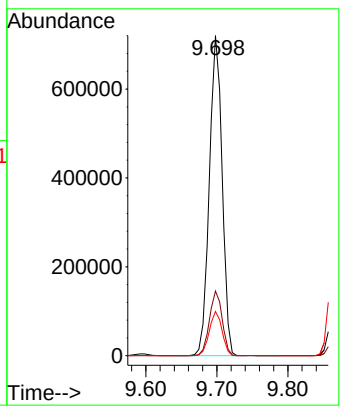


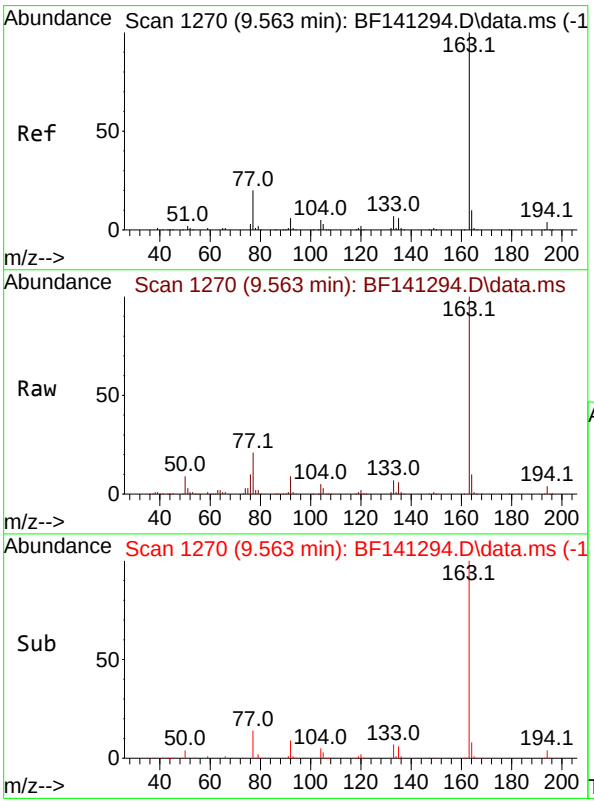
#49
Acenaphthylene
Concen: 37.483 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:152 Resp: 902715

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.8	11.0	16.6

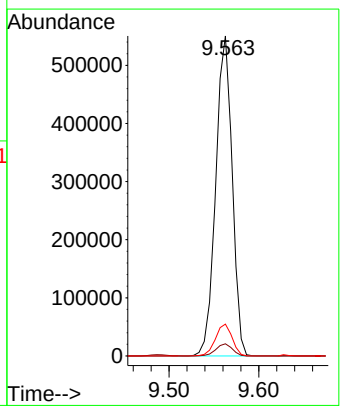


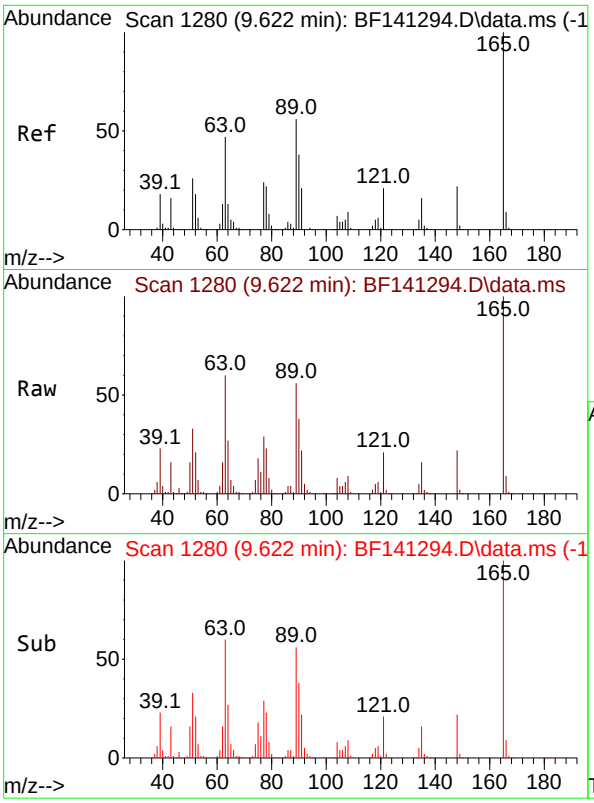


#50
Dimethylphthalate
Concen: 36.945 ng
RT: 9.563 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:163 Resp: 701107

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0



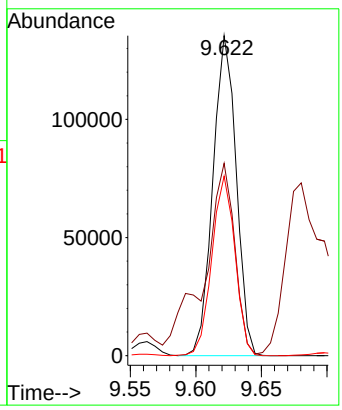


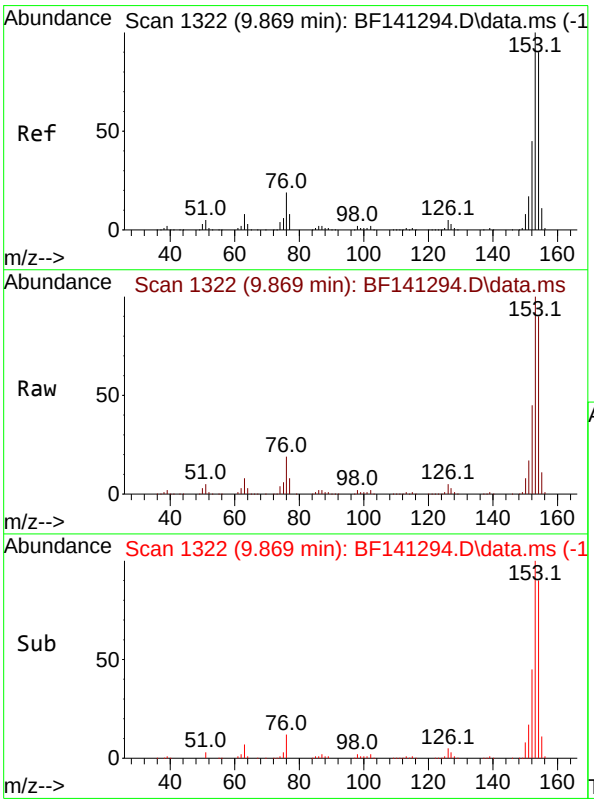
#51
2,6-Dinitrotoluene
Concen: 37.909 ng
RT: 9.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 167409

Ion	Ratio	Lower	Upper
165	100		
63	60.1	48.1	72.1
89	56.1	44.9	67.3

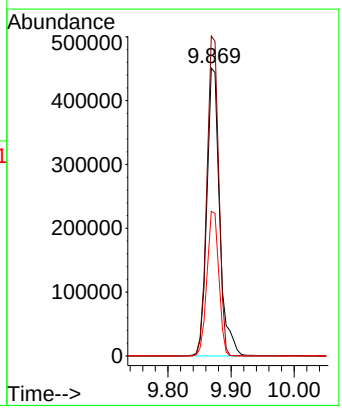


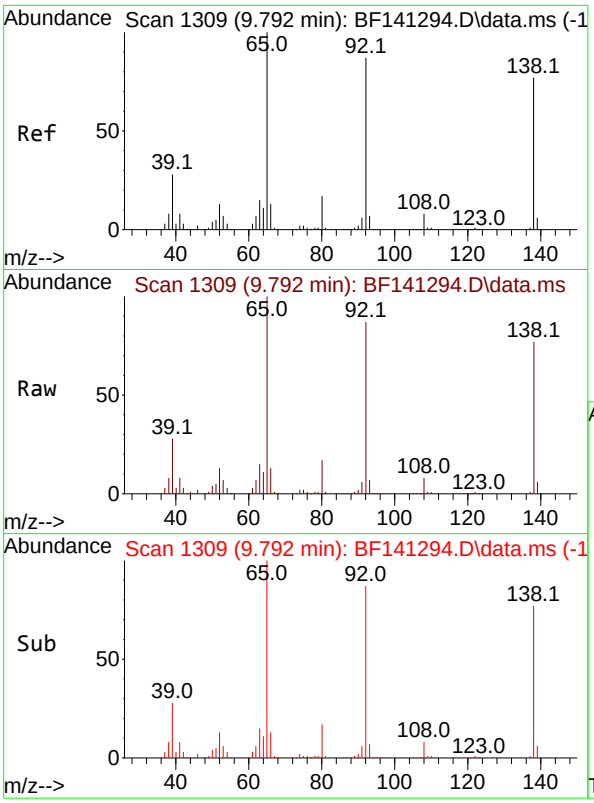


#52
Acenaphthene
Concen: 37.266 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:154 Resp: 638597

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	50.3	40.2	60.4



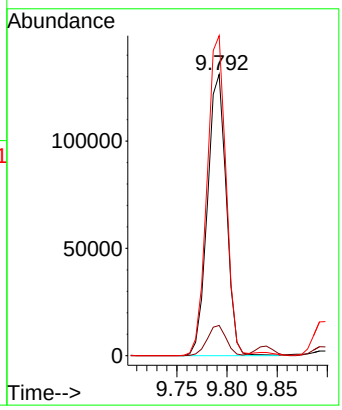


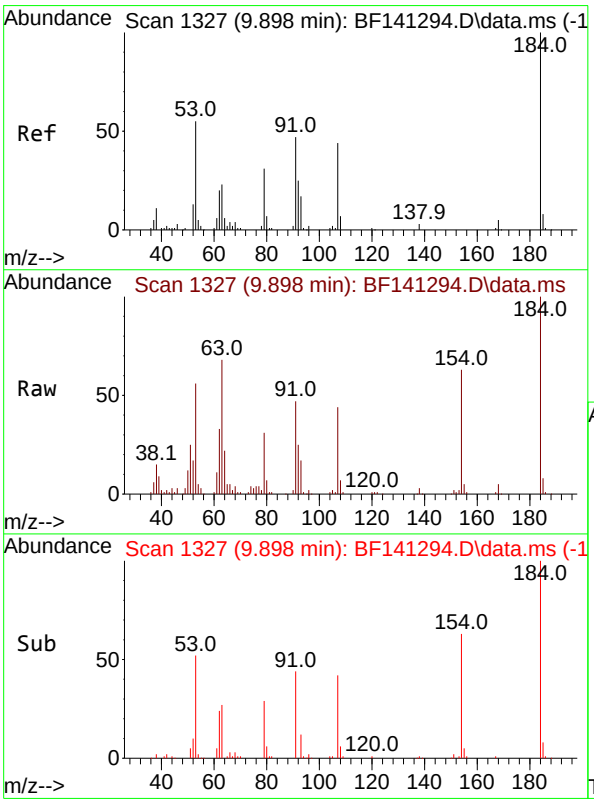
#53
3-Nitroaniline
Concen: 39.240 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:138 Resp: 171409

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	113.8	91.0	136.6

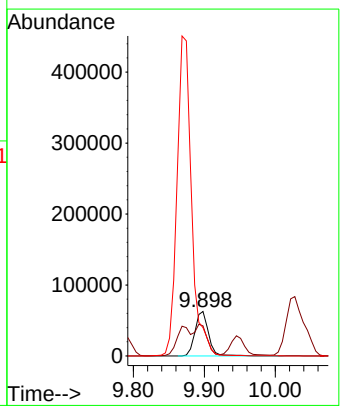


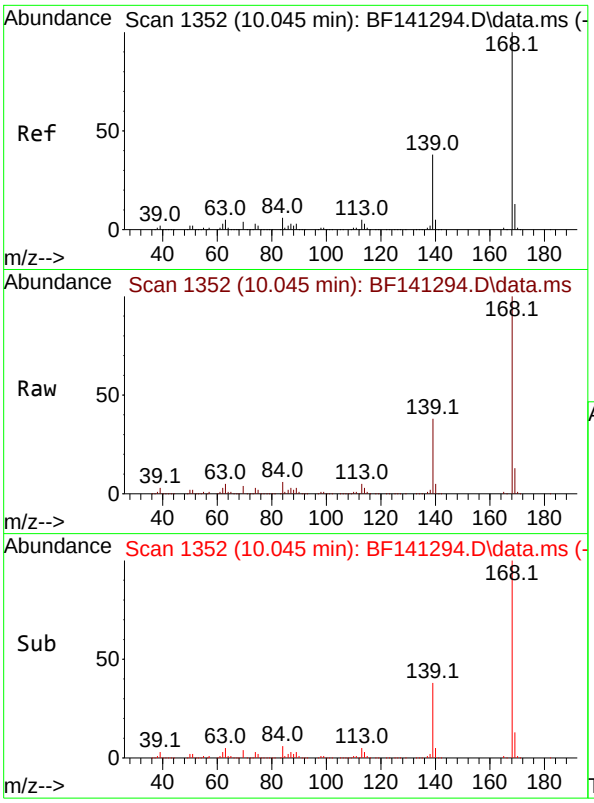


#54
2,4-Dinitrophenol
Concen: 40.011 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:184 Resp: 83282

Ion	Ratio	Lower	Upper
184	100		
63	67.6	54.1	81.1
154	63.4	50.7	76.1



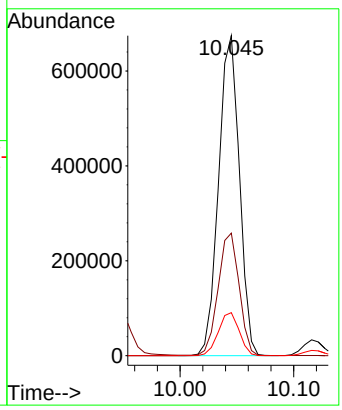


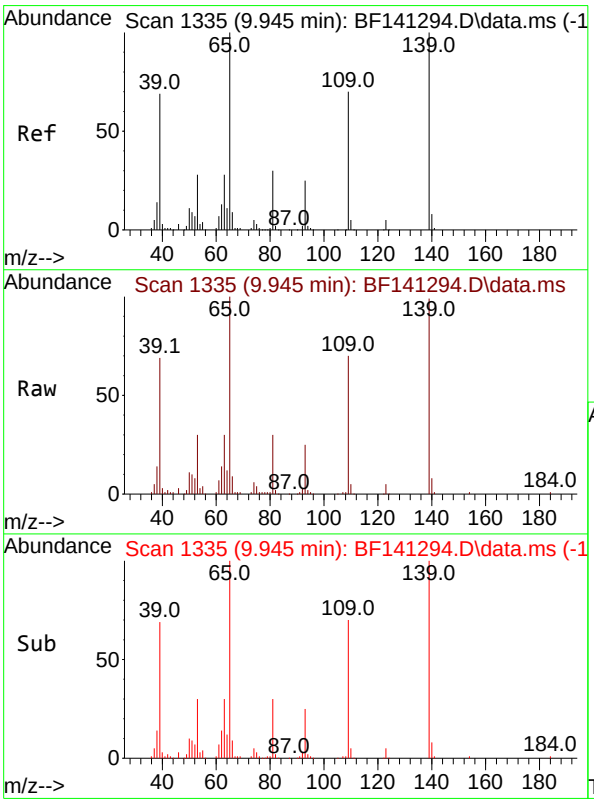
#55
Dibenzofuran
Concen: 37.490 ng
RT: 10.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:168 Resp: 859175

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.6	46.0
169	13.5	10.8	16.2

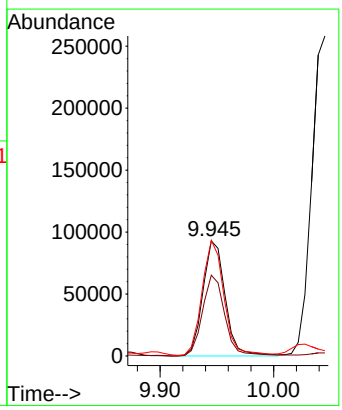


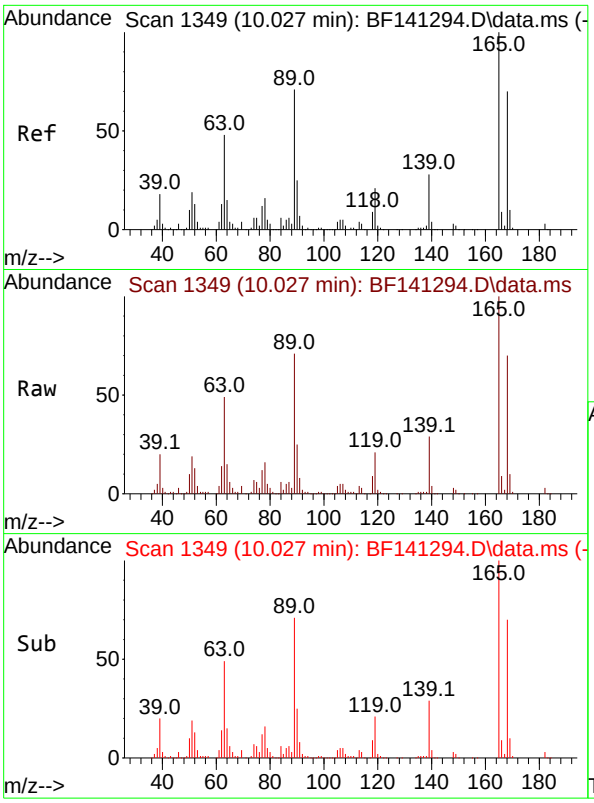


#56
4-Nitrophenol
Concen: 40.349 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:139 Resp: 126536

Ion	Ratio	Lower	Upper
139	100		
109	70.2	50.2	90.2
65	100.6	80.6	120.6



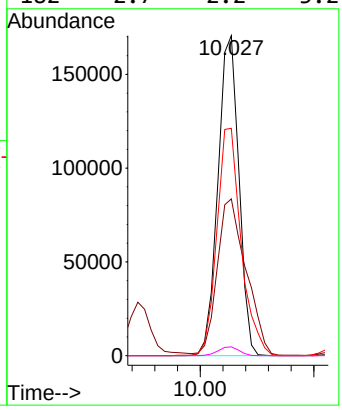


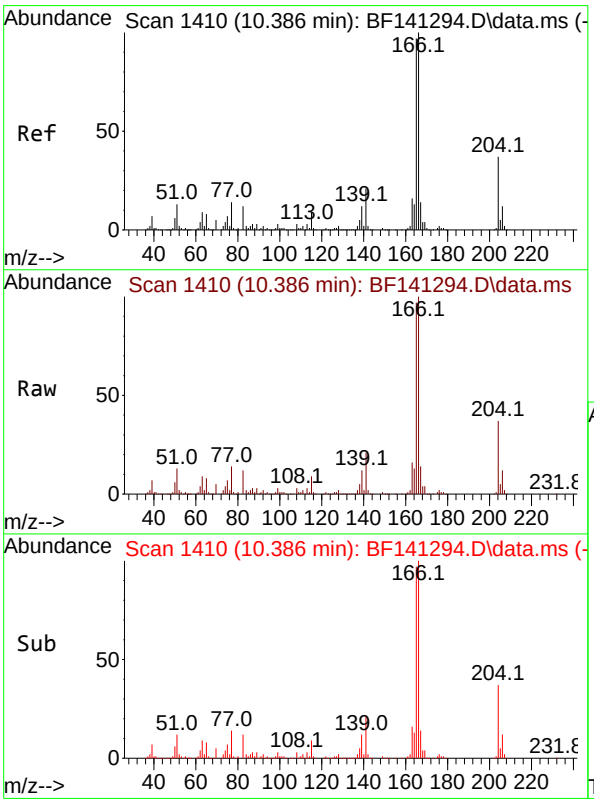
#57
2,4-Dinitrotoluene
Concen: 38.382 ng
RT: 10.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 218627

Ion	Ratio	Lower	Upper
165	100		
63	49.0	39.2	58.8
89	71.1	56.9	85.3
182	2.7	2.2	3.2

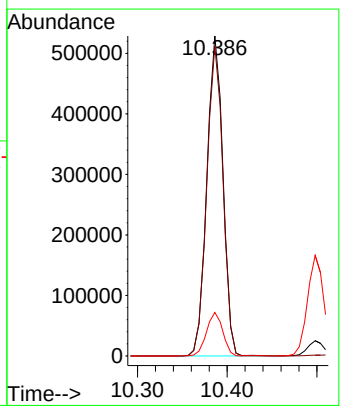


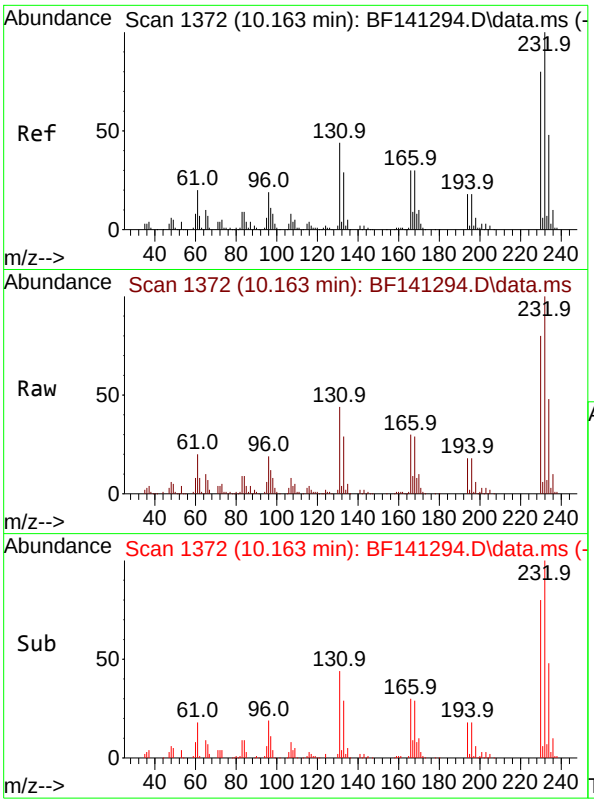


#58
Fluorene
Concen: 37.076 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:166 Resp: 660612

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.5	116.3
167	13.6	10.9	16.3



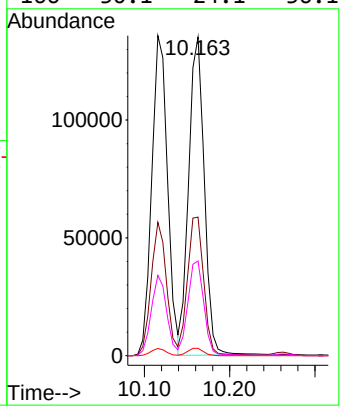


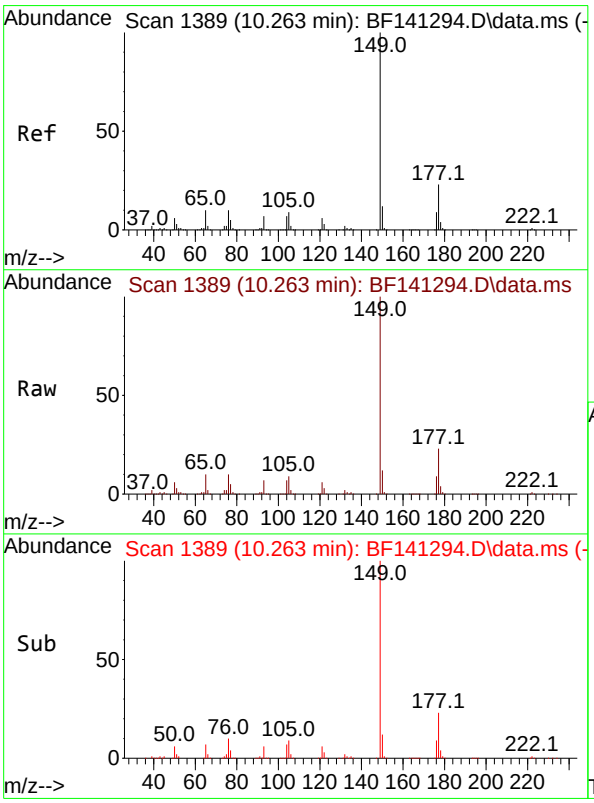
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.138 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:232 Resp: 172174

Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.4	54.6
130	2.4	1.9	2.9
166	30.1	24.1	36.1

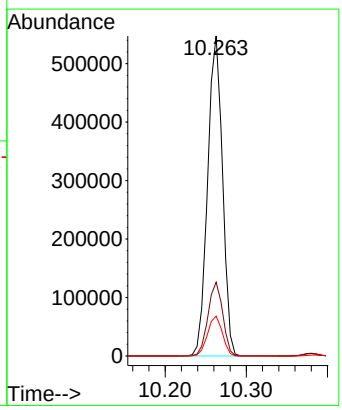


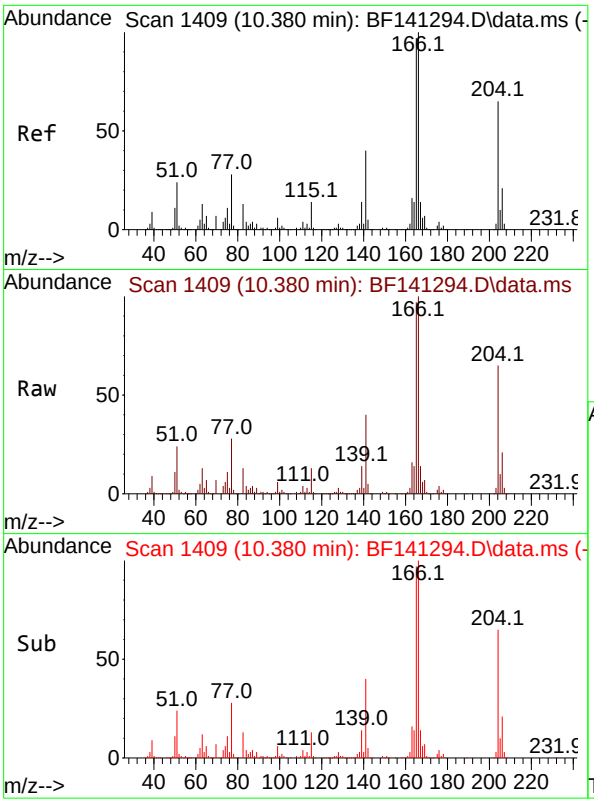


#60
Diethylphthalate
Concen: 37.710 ng
RT: 10.263 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 693066

Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.5	27.7
150	12.5	10.0	15.0



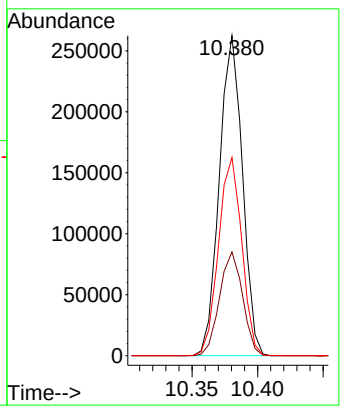


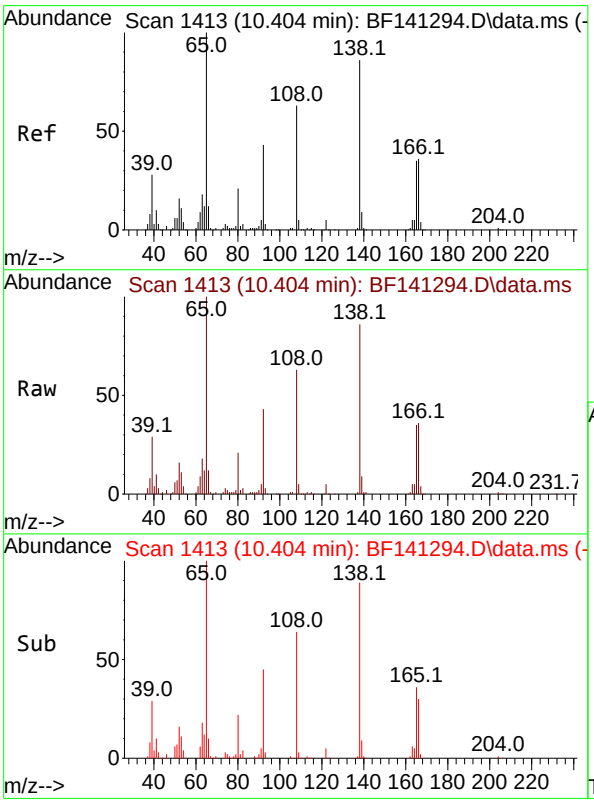
#61
4-Chlorophenyl-phenylether
Concen: 36.929 ng
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 321112

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	61.9	49.5	74.3

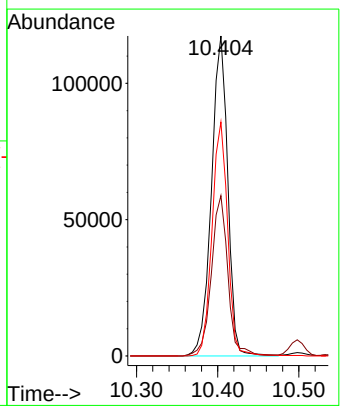


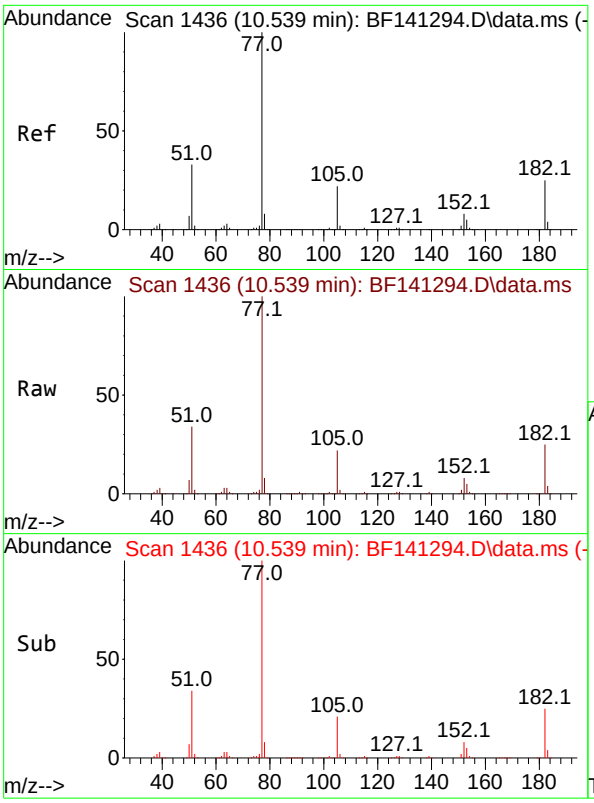


#62
4-Nitroaniline
Concen: 39.120 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:138 Resp: 164154

Ion	Ratio	Lower	Upper
138	100		
92	50.1	30.1	70.1
108	73.1	53.1	93.1



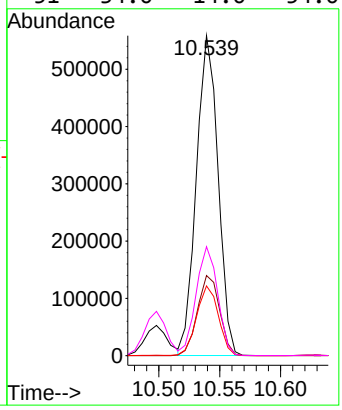


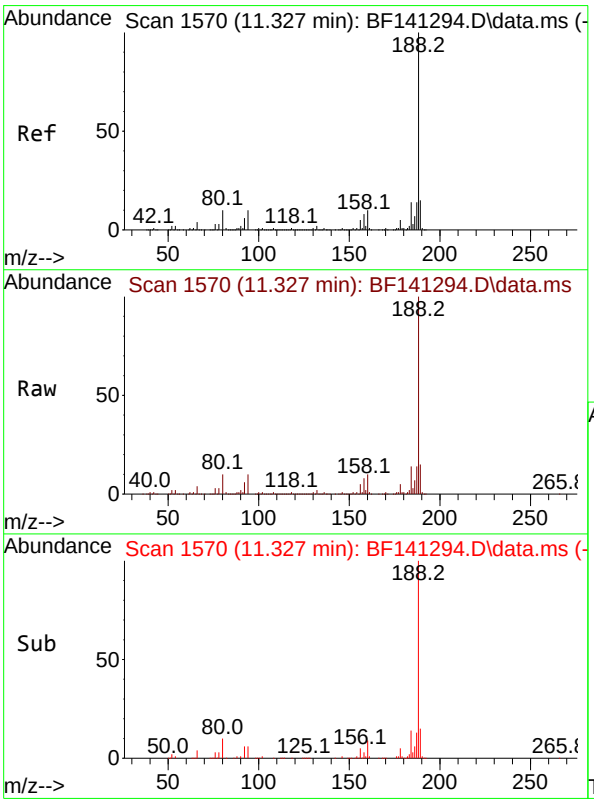
#63
Azobenzene
Concen: 37.621 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 77 Resp: 693050

Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.1	45.1
105	21.8	1.8	41.8
51	34.0	14.0	54.0

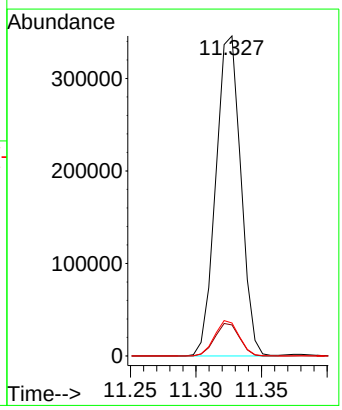


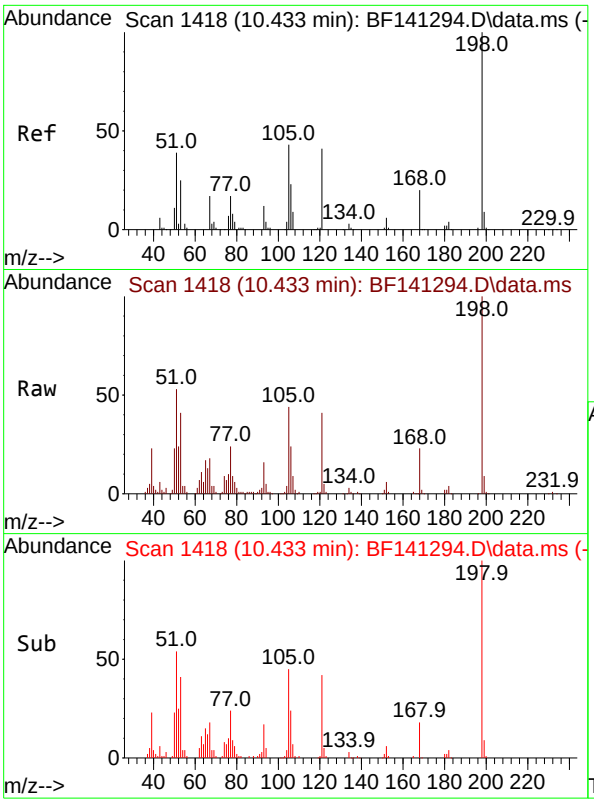


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:188 Resp: 458392

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.3	8.2	12.4



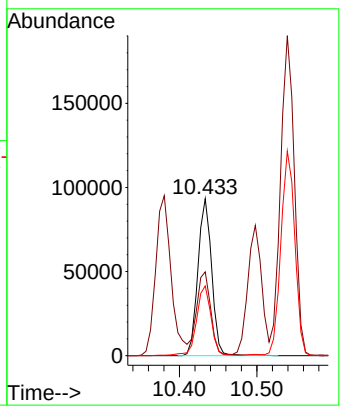


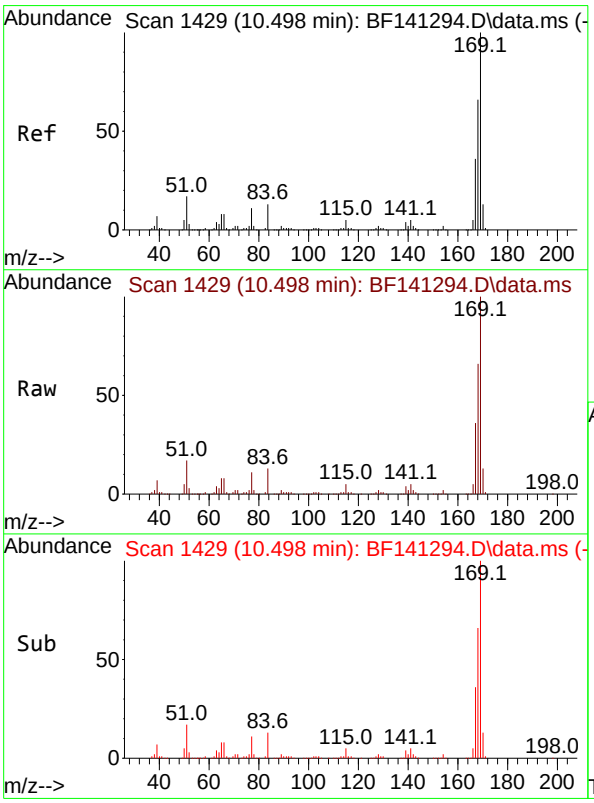
#65
4,6-Dinitro-2-methylphenol
Concen: 41.914 ng
RT: 10.433 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 114735

Ion	Ratio	Lower	Upper
198	100		
51	53.4	33.4	73.4
105	44.4	24.4	64.4

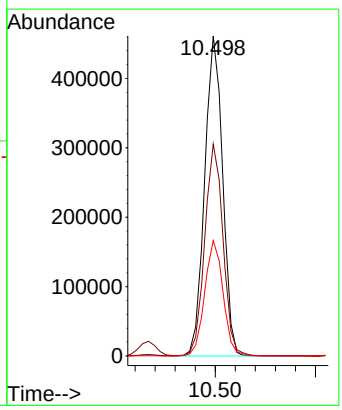


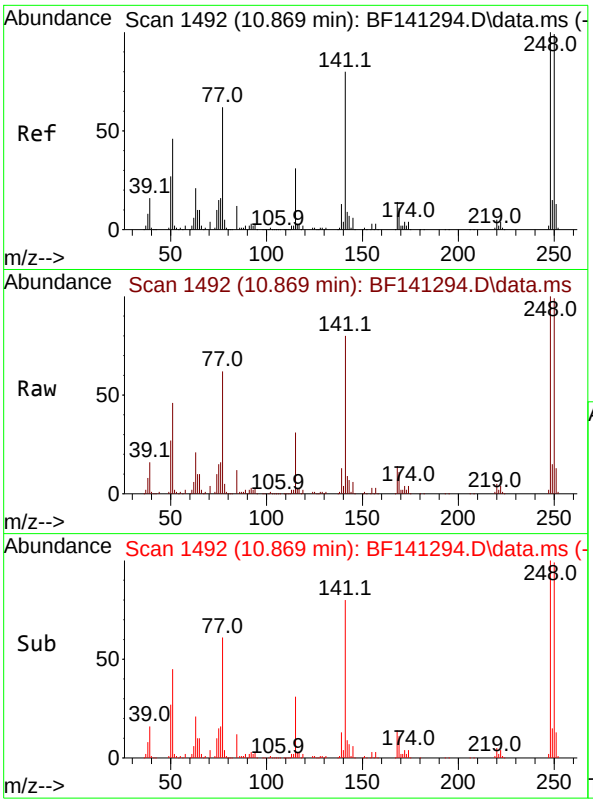


#66
n-Nitrosodiphenylamine
Concen: 38.602 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:169 Resp: 573712

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.0	28.8	43.2



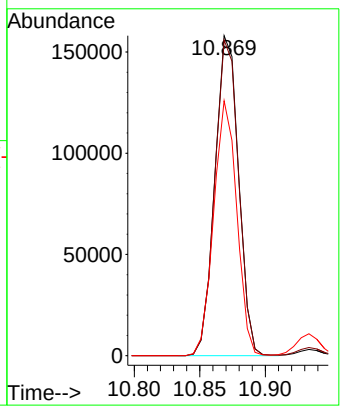


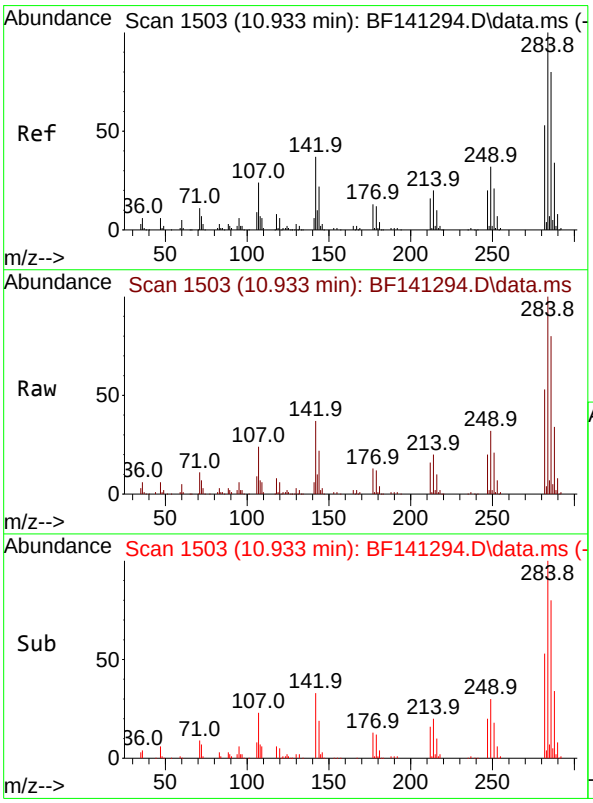
#67
4-Bromophenyl-phenylether
Concen: 38.815 ng
RT: 10.869 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:248 Resp: 198895

Ion	Ratio	Lower	Upper
248	100		
250	98.7	79.0	118.4
141	79.6	63.7	95.5

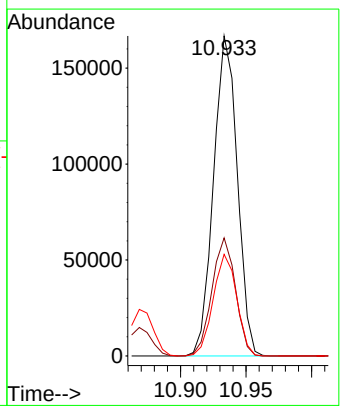


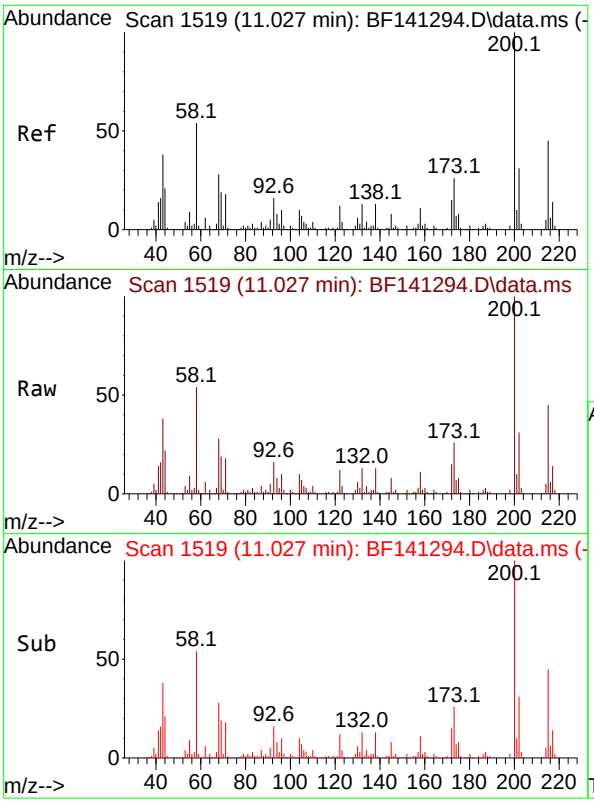


#68
Hexachlorobenzene
Concen: 38.586 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:284 Resp: 209735

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.5	44.3
249	31.8	25.4	38.2



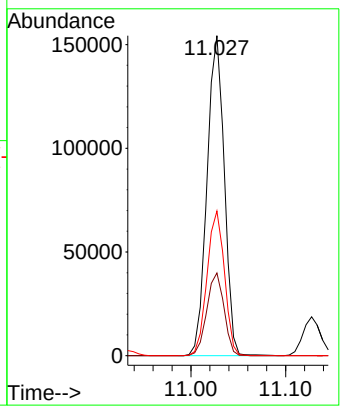


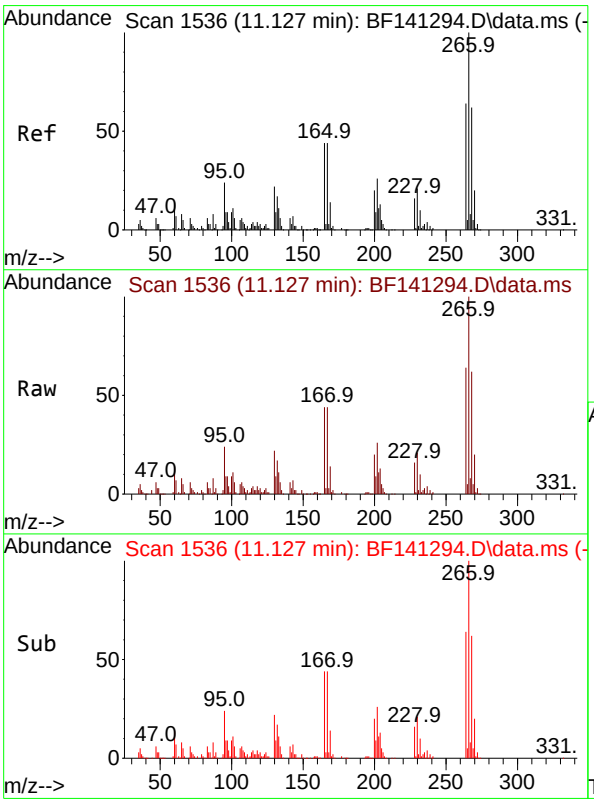
#69
Atrazine
Concen: 39.131 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:200 Resp: 195062

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	45.2	25.2	65.2

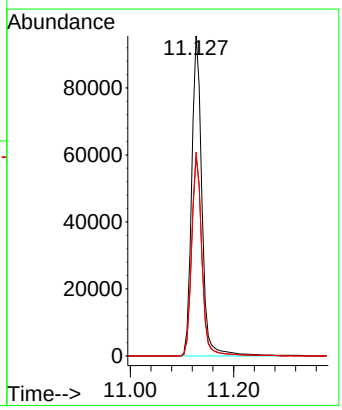


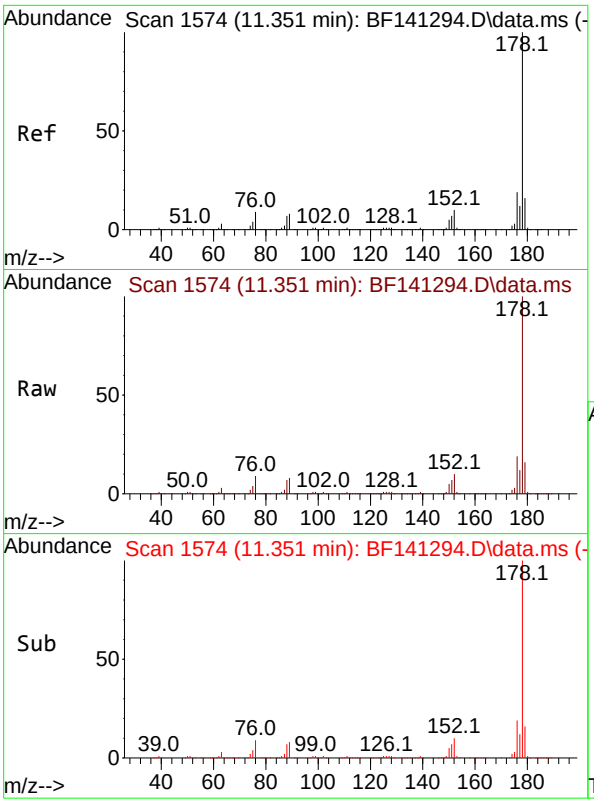


#70
Pentachlorophenol
Concen: 41.196 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:266 Resp: 131295

Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.9	74.9
264	63.7	51.0	76.4



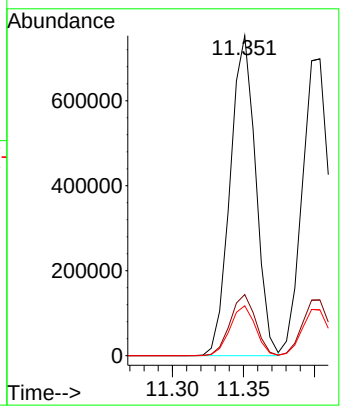


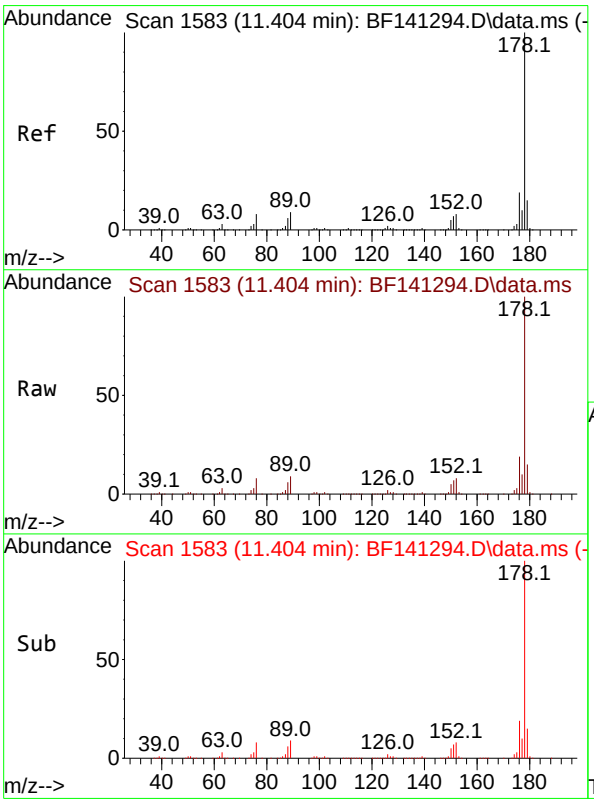
#71
Phenanthrene
Concen: 38.175 ng
RT: 11.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 940021

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

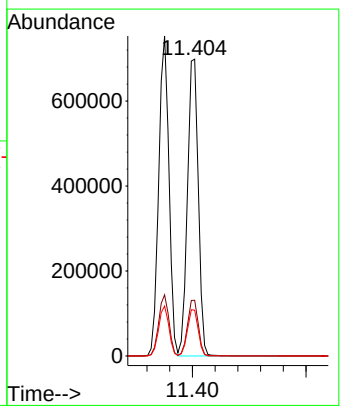


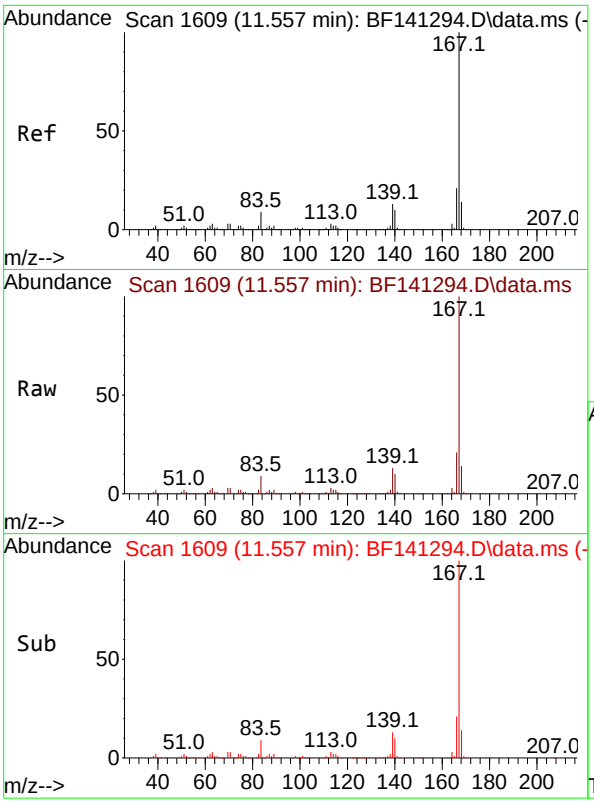


#72
Anthracene
Concen: 38.521 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:178 Resp: 925244

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.3	18.5



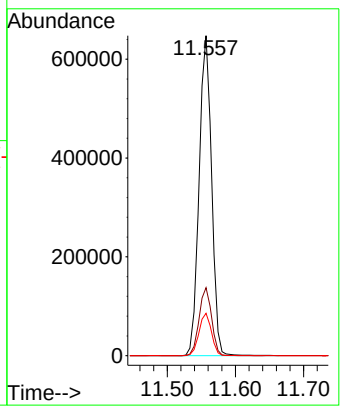


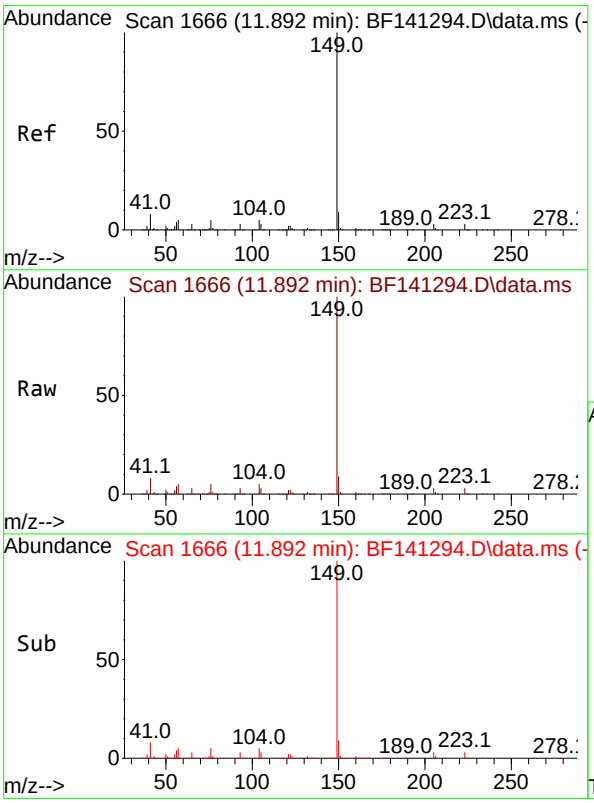
#73
Carbazole
Concen: 38.735 ng
RT: 11.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:167 Resp: 824095

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.3	10.6	16.0

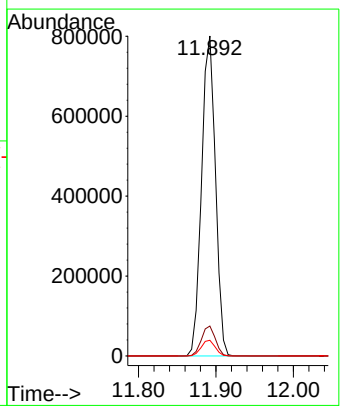


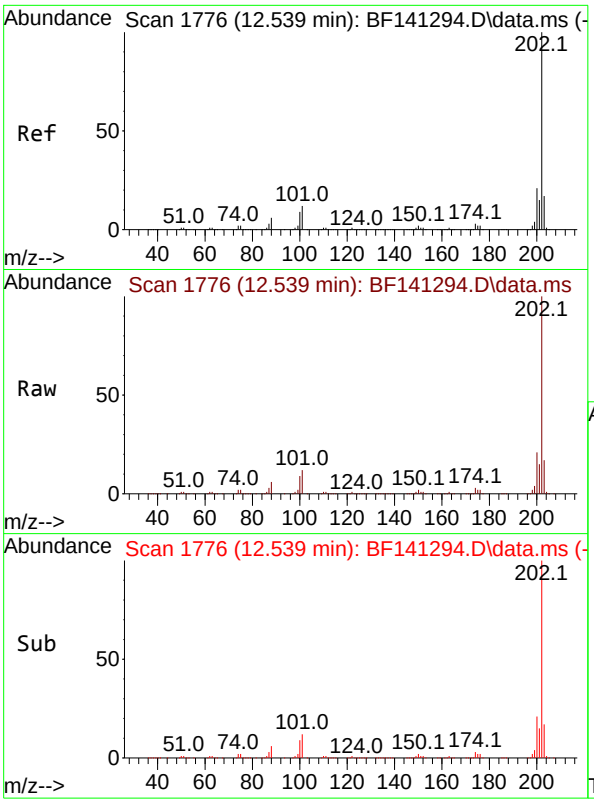


#74
Di-n-butylphthalate
Concen: 38.805 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 995172

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.9	5.9



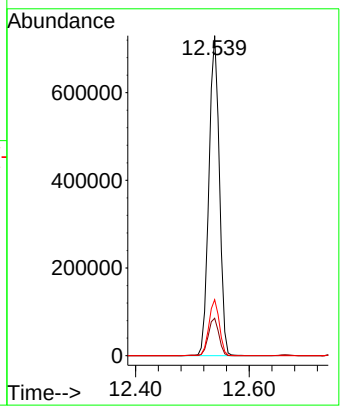


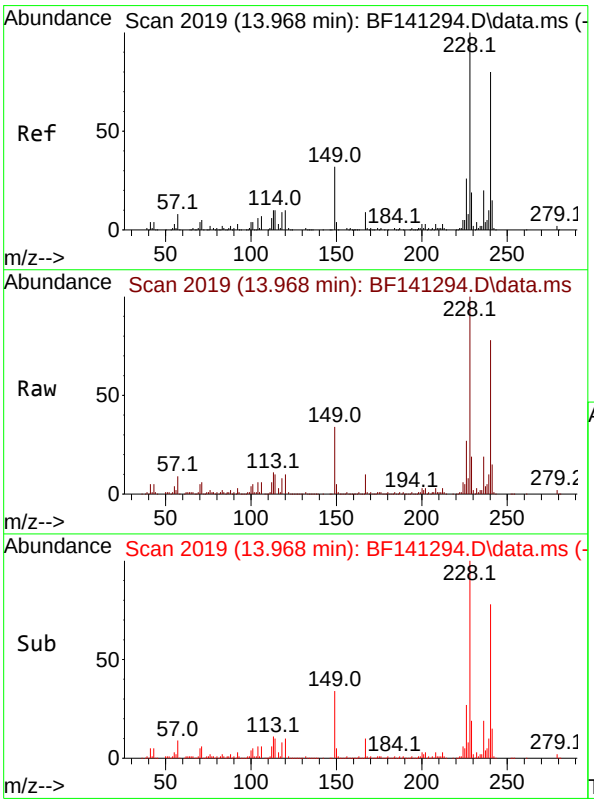
#75
Fluoranthene
Concen: 38.650 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:202 Resp: 928946

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.5	0.0	37.5

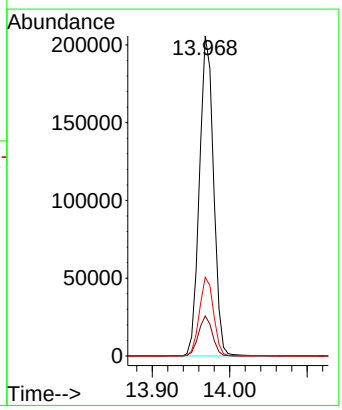


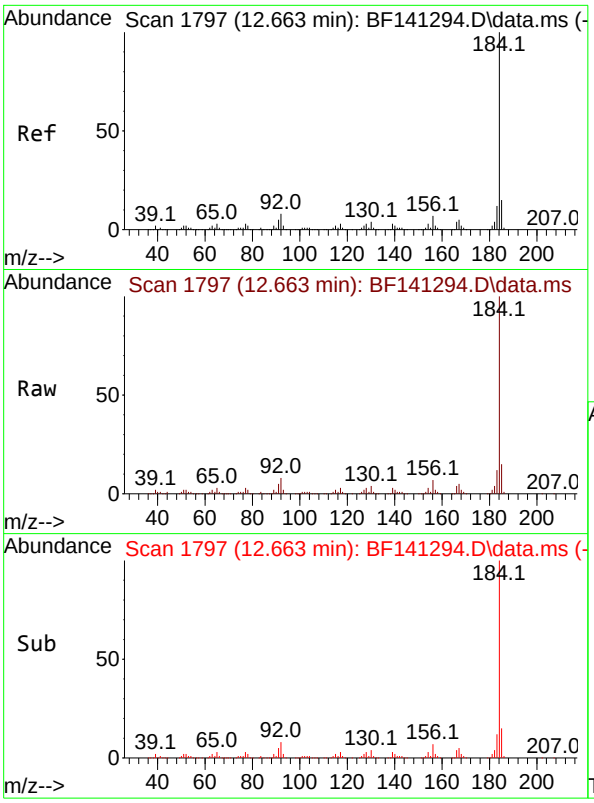


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:240 Resp: 260600

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	24.6	19.7	29.5



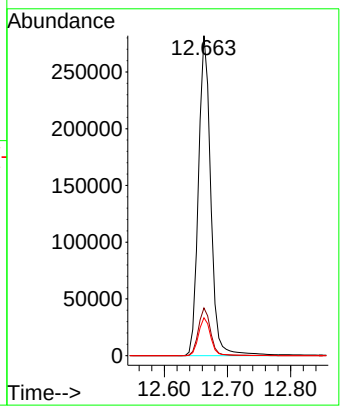


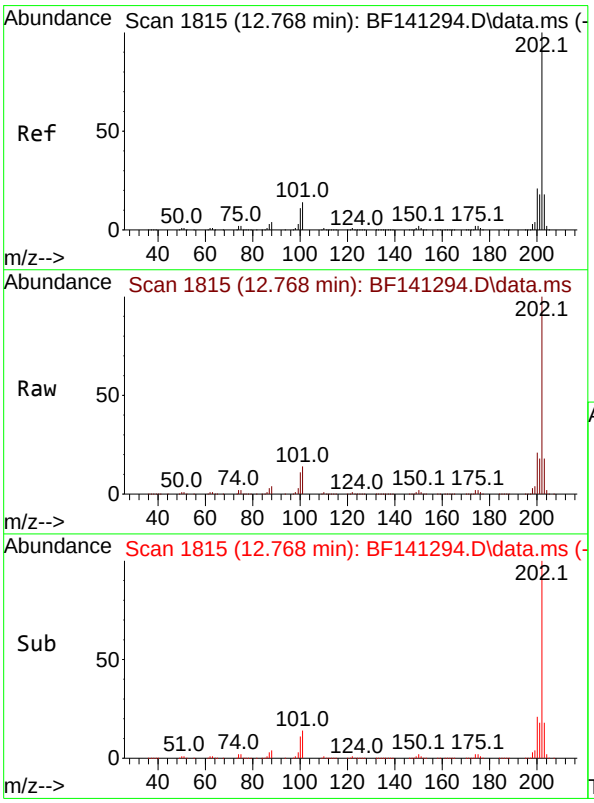
#77
Benzidine
Concen: 48.034 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:184 Resp: 380623

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.9	17.9
183	11.9	9.5	14.3

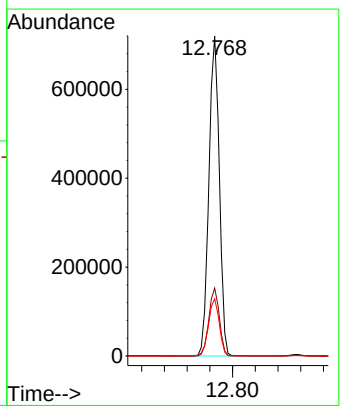


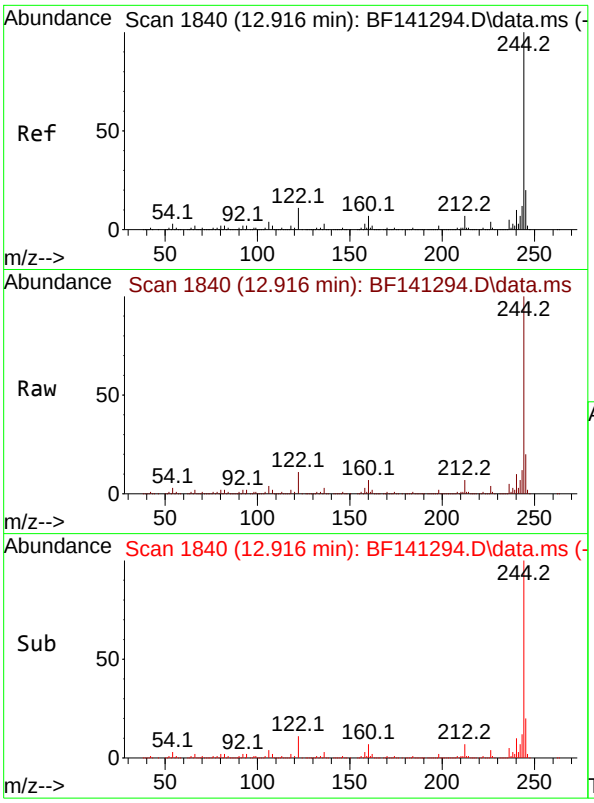


#78
Pyrene
Concen: 36.333 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:202 Resp: 914205

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.3	21.5



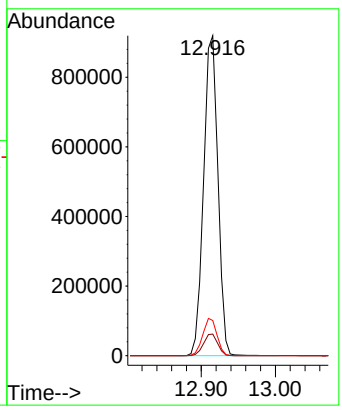


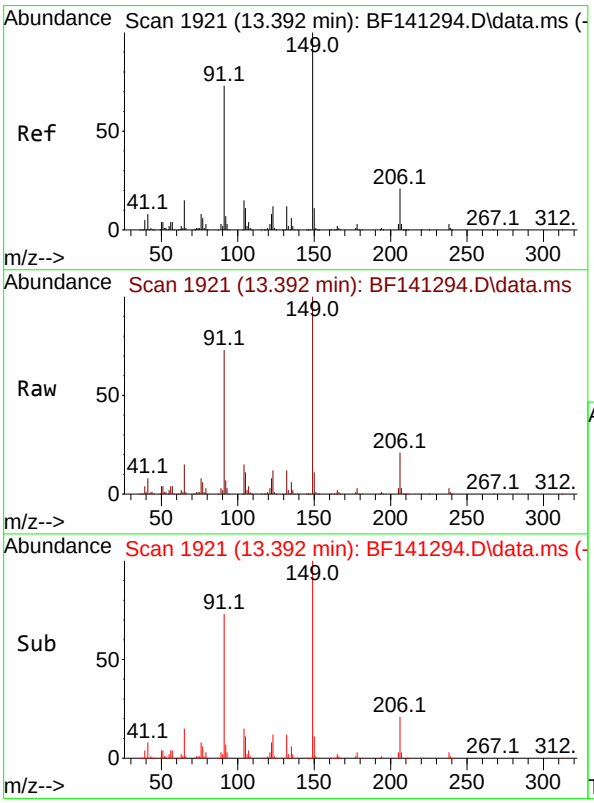
#79
Terphenyl-d14
Concen: 72.802 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:244 Resp: 1232977

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	8.8	13.2

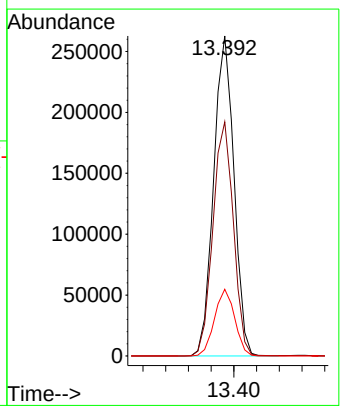


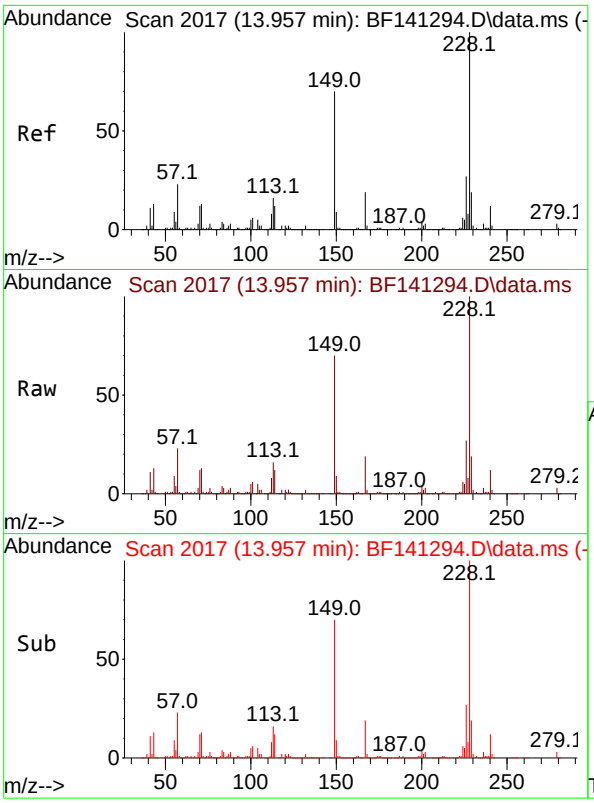


#80
Butylbenzylphthalate
Concen: 37.532 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 326158

Ion	Ratio	Lower	Upper
149	100		
91	73.2	58.6	87.8
206	20.9	16.7	25.1



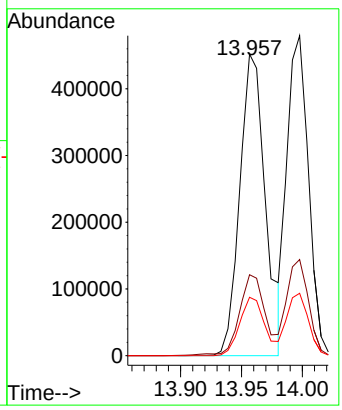


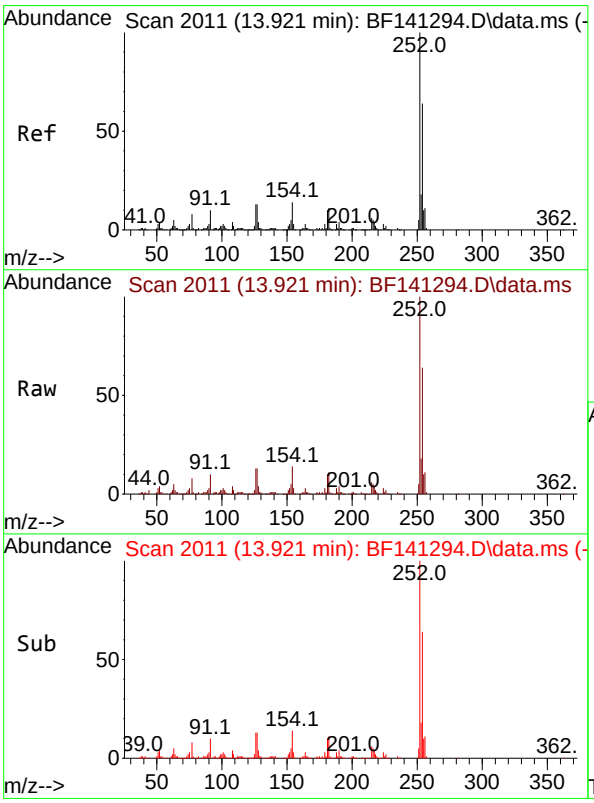
#81
Benzo(a)anthracene
Concen: 37.062 ng
RT: 13.957 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 661997

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.4	15.5	23.3

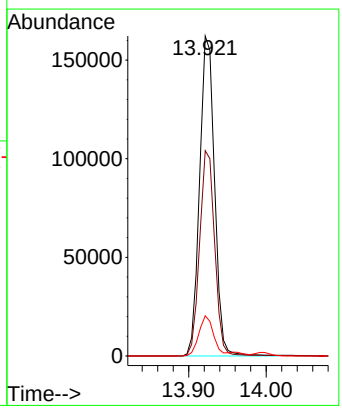


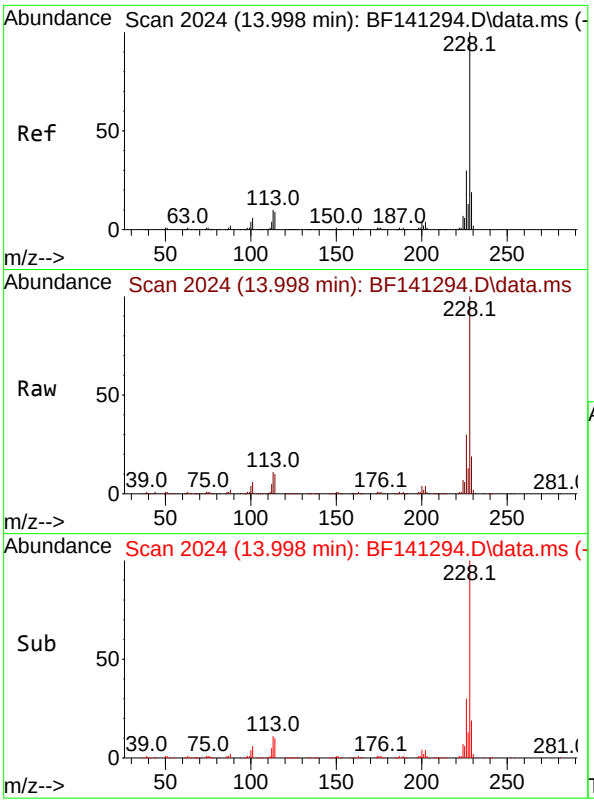


#82
3,3'-Dichlorobenzidine
Concen: 38.953 ng
RT: 13.921 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:252 Resp: 217856

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.5	10.0	15.0



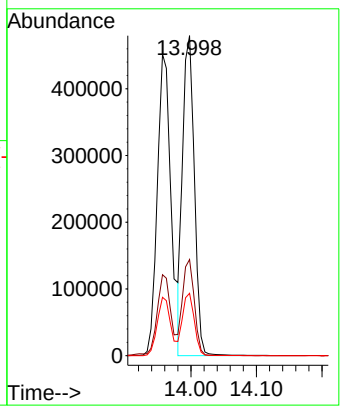


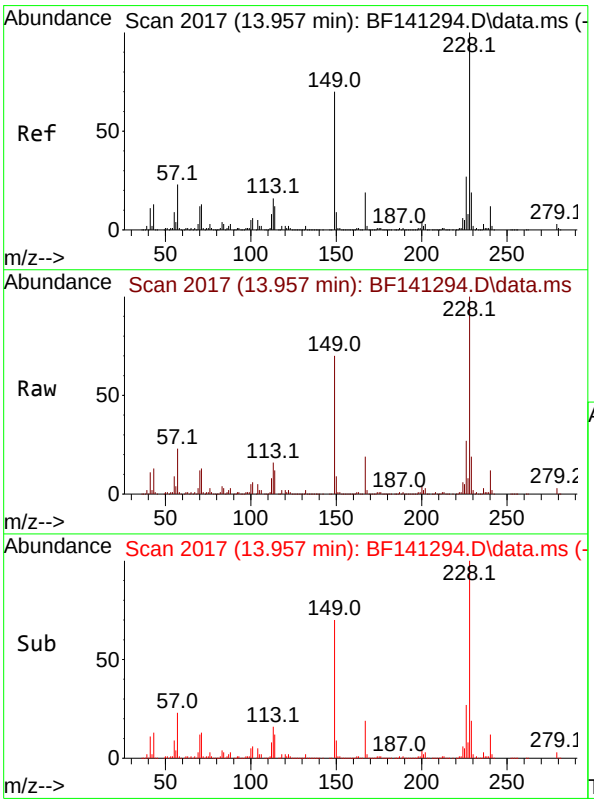
#83
Chrysene
Concen: 35.738 ng
RT: 13.998 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:228 Resp: 591939

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.5	15.6	23.4

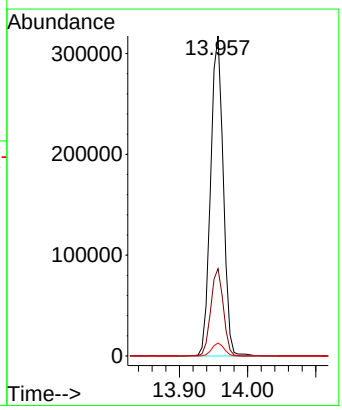


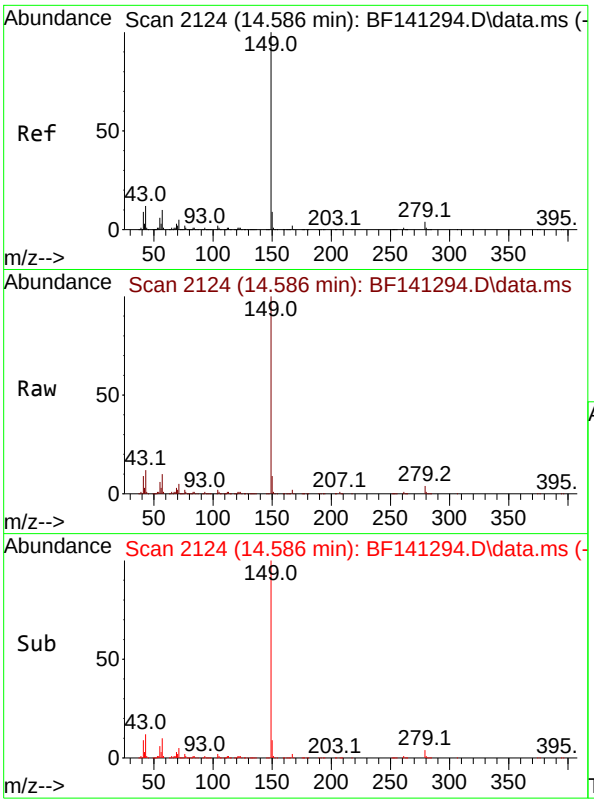


#84
Bis(2-ethylhexyl)phthalate
Concen: 37.540 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:149 Resp: 409365

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	4.1	3.3	4.9



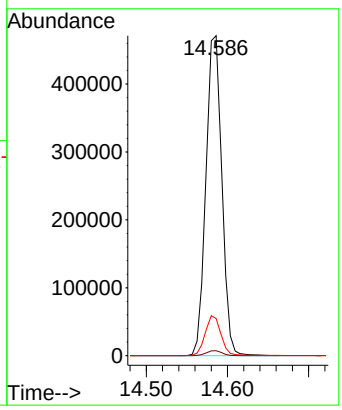


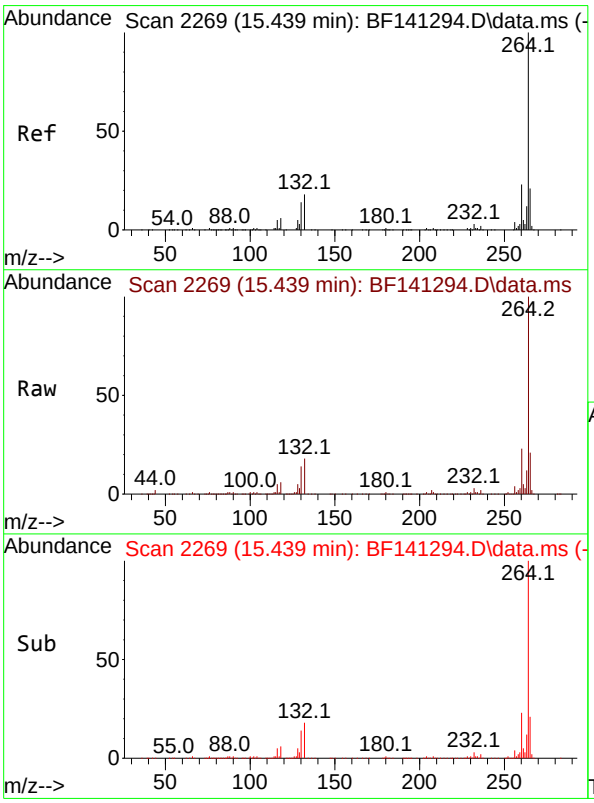
#85
Di-n-octyl phthalate
Concen: 37.578 ng
RT: 14.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:149 Resp: 640977

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	9.8	14.8

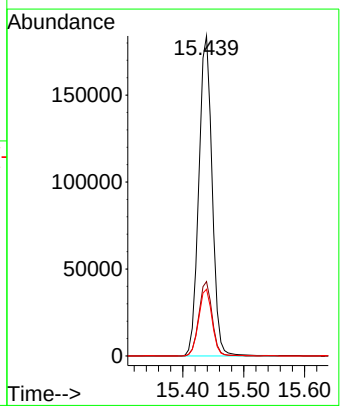


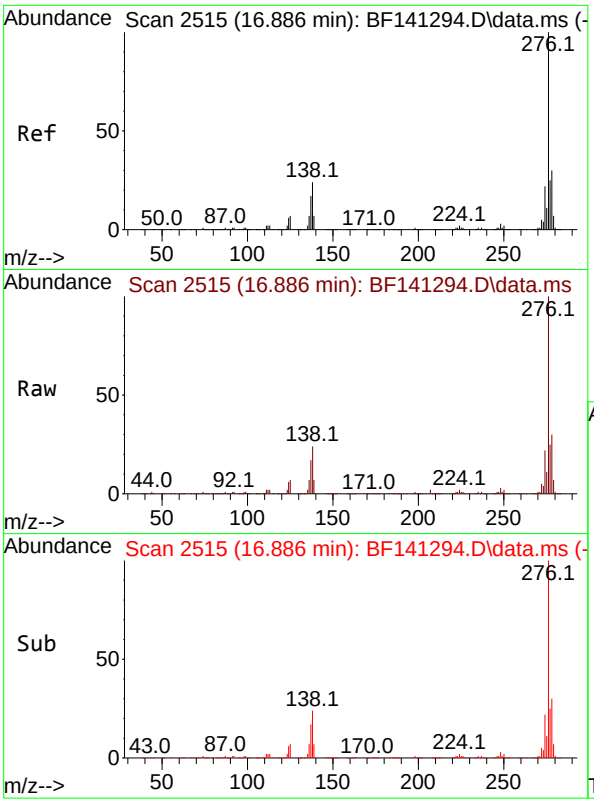


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:264 Resp: 279417

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.9	16.7	25.1



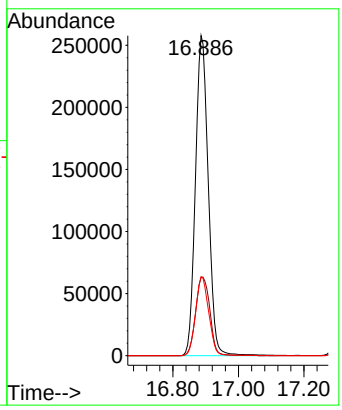


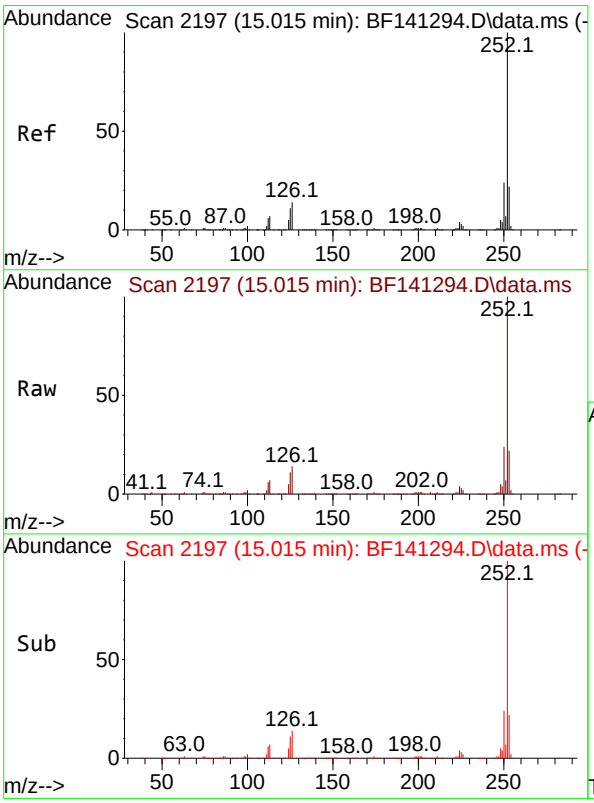
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.503 ng
RT: 16.886 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:276 Resp: 702692

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.7	32.5
277	25.4	20.3	30.5

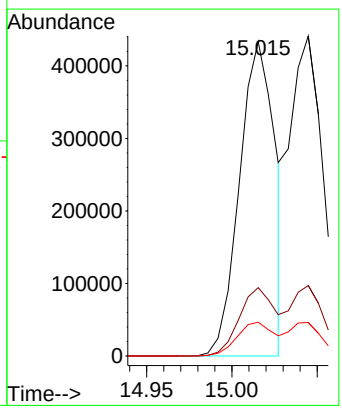


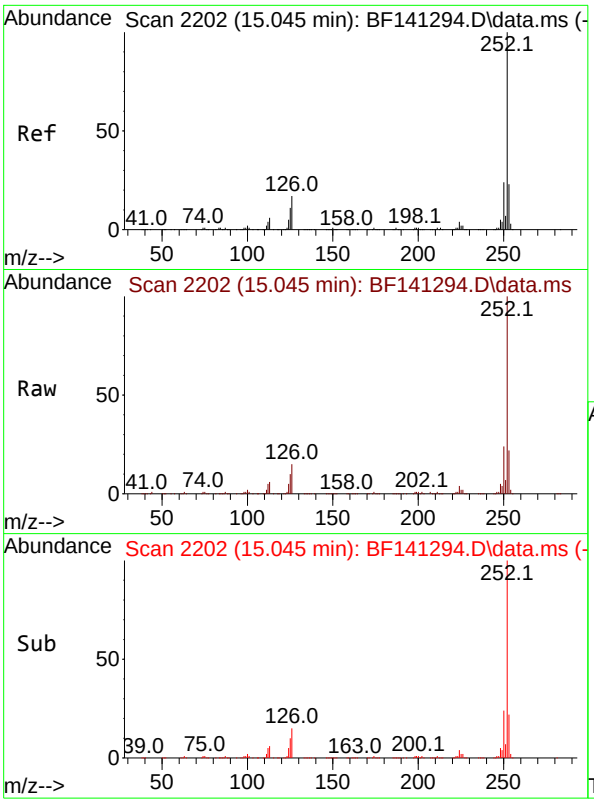


#88
Benzo(b)fluoranthene
Concen: 36.061 ng
RT: 15.015 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:252 Resp: 625758

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	10.7	8.6	12.8



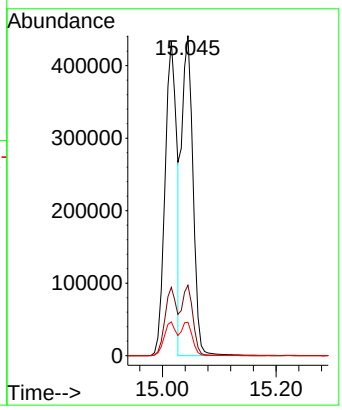


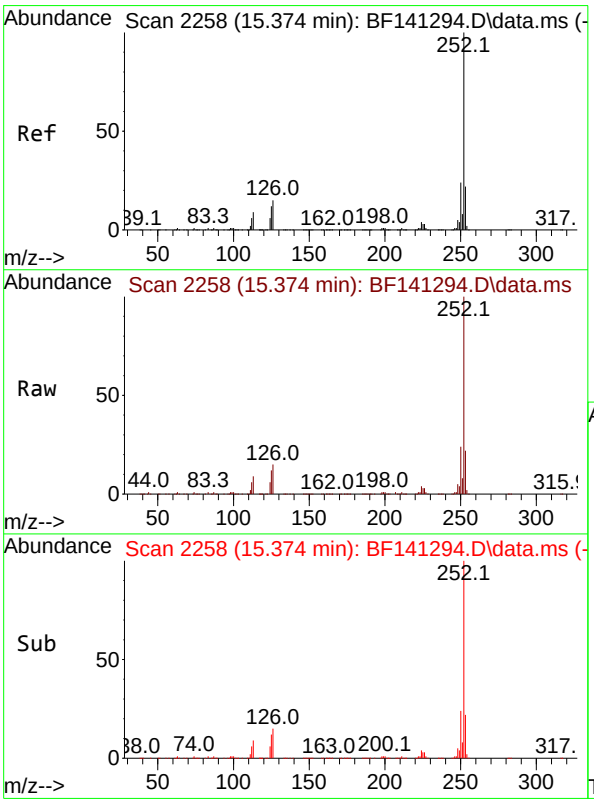
#89
Benzo(k)fluoranthene
Concen: 38.959 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:252 Resp: 605401

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.5	8.4	12.6

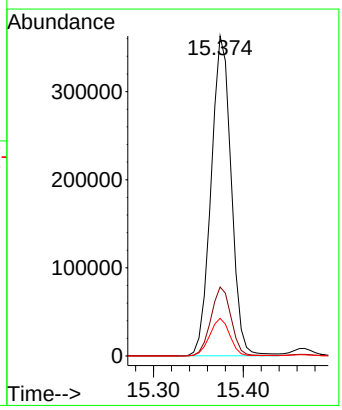


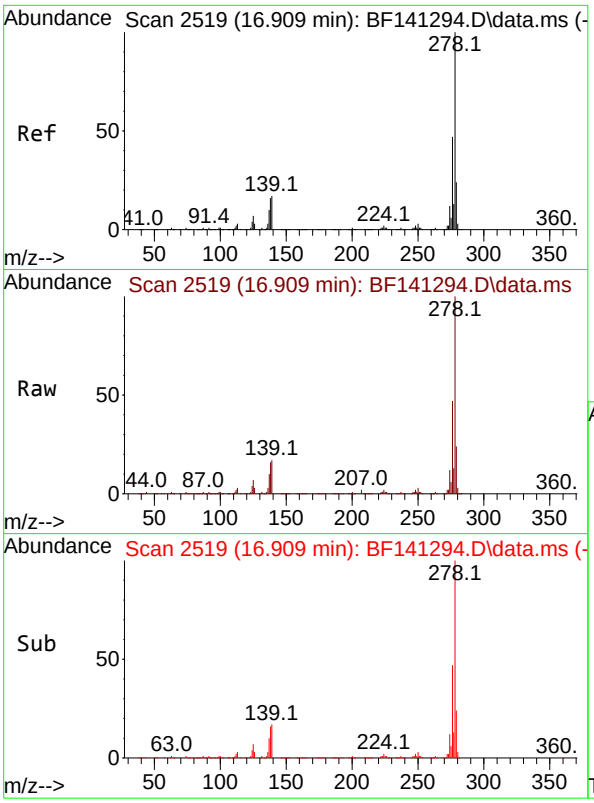


#90
Benzo(a)pyrene
Concen: 38.096 ng
RT: 15.374 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:252 Resp: 564975

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.8	9.4	14.2



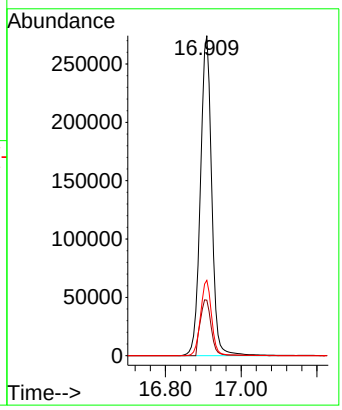


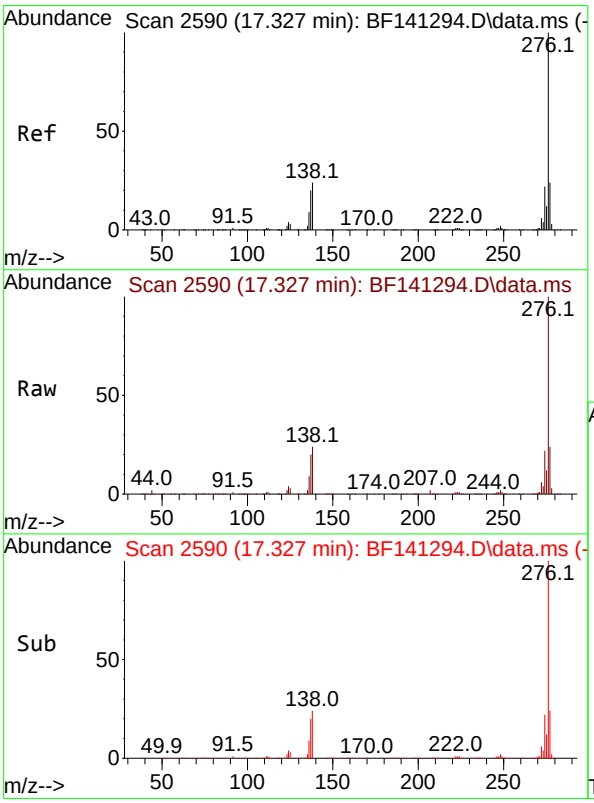
#91
Dibenzo(a,h)anthracene
Concen: 38.812 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 567762

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.9	20.9
279	23.5	18.8	28.2

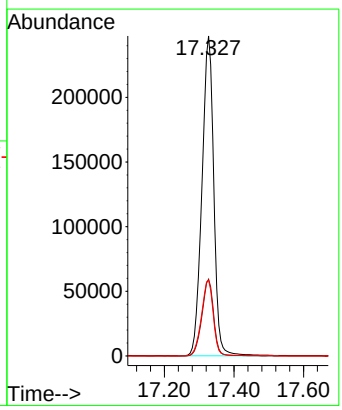




#92
Benzo(g,h,i)perylene
Concen: 37.870 ng
RT: 17.327 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BF141294.D
Acq: 29 Jan 2025 15:45

Tgt Ion:276 Resp: 582768

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.7	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 29 17:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	130633	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	511843	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	269662	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	442506	20.000	ng		0.00
76) Chrysene-d12	13.968	240	226571	20.000	ng		0.00
86) Perylene-d12	15.439	264	272084	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	827672	97.984	ng		0.00
7) Phenol-d6	6.428	99	1052381	97.751	ng		0.00
23) Nitrobenzene-d5	7.369	82	955368	98.761	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	235884	95.997	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1620825	92.721	ng		0.00
79) Terphenyl-d14	12.916	244	1402103	95.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	187460	49.995	ng		98
3) Pyridine	3.222	79	455306	50.773	ng		100
4) n-Nitrosodimethylamine	3.181	42	262086	51.033	ng		100
6) Aniline	6.463	93	458390	50.942	ng		97
8) 2-Chlorophenol	6.587	128	441862	48.707	ng		98
9) Benzaldehyde	6.351	77	281326	44.996	ng		98
10) Phenol	6.445	94	553844	48.628	ng		95
11) bis(2-Chloroethyl)ether	6.539	93	424248	48.433	ng		98
12) 1,3-Dichlorobenzene	6.739	146	489386	48.913	ng		100
13) 1,4-Dichlorobenzene	6.816	146	490392	48.671	ng		99
14) 1,2-Dichlorobenzene	6.975	146	454569	48.279	ng		99
15) Benzyl Alcohol	6.939	79	371274	50.480	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	749938	49.280	ng		99
17) 2-Methylphenol	7.051	107	361469	49.214	ng		99
18) Hexachloroethane	7.310	117	182933	49.073	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	305749	47.753	ng		98
20) 3+4-Methylphenols	7.210	107	434743	48.143	ng		94
22) Acetophenone	7.210	105	574700	47.365	ng	#	97
24) Nitrobenzene	7.386	77	492082	49.046	ng		98
25) Isophorone	7.622	82	818496	48.959	ng		99
26) 2-Nitrophenol	7.698	139	242228	51.545	ng		99
27) 2,4-Dimethylphenol	7.734	122	300079m	49.969	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	518825	48.701	ng		99
29) 2,4-Dichlorophenol	7.939	162	363275	49.507	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	406562	48.309	ng		100
31) Naphthalene	8.104	128	1304758	48.468	ng		100
32) Benzoic acid	7.857	122	308525	56.571	ng		99
33) 4-Chloroaniline	8.151	127	449543	49.712	ng		100
34) Hexachlorobutadiene	8.222	225	243308	49.395	ng		99
35) Caprolactam	8.528	113	120078	50.594	ng		97
36) 4-Chloro-3-methylphenol	8.633	107	385683	48.973	ng		98
37) 2-Methylnaphthalene	8.792	142	822986	48.006	ng		99
38) 1-Methylnaphthalene	8.892	142	799136	47.586	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	373963	48.774	ng		100
41) Hexachlorocyclopentadiene	8.945	237	122470	53.227	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	252974	50.545	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 29 17:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	263745	48.438	ng	98
46) 1,1'-Biphenyl	9.263	154	1005774	47.808	ng	99
47) 2-Chloronaphthalene	9.286	162	781613	47.835	ng	99
48) 2-Nitroaniline	9.380	65	257199	49.907	ng	98
49) Acenaphthylene	9.698	152	1092234	47.595	ng	100
50) Dimethylphthalate	9.563	163	875569	48.419	ng	100
51) 2,6-Dinitrotoluene	9.622	165	204917	48.697	ng	98
52) Acenaphthene	9.875	154	789039	48.322	ng	100
53) 3-Nitroaniline	9.792	138	197832	47.528	ng	99
54) 2,4-Dinitrophenol	9.898	184	105313	53.096	ng	96
55) Dibenzofuran	10.045	168	1028182	47.082	ng	100
56) 4-Nitrophenol	9.951	139	155594	52.067	ng	99
57) 2,4-Dinitrotoluene	10.027	165	264325	48.700	ng	97
58) Fluorene	10.386	166	784644	46.215	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205508	47.772	ng	98
60) Diethylphthalate	10.263	149	834803	47.668	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	380948	45.976	ng	99
62) 4-Nitroaniline	10.404	138	198241	49.579	ng	98
63) Azobenzene	10.539	77	841797	47.955	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	144574	54.710	ng	97
66) n-Nitrosodiphenylamine	10.498	169	688202	47.968	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	241123	48.745	ng	99
68) Hexachlorobenzene	10.933	284	253174	48.250	ng	100
69) Atrazine	11.027	200	237991	49.457	ng	98
70) Pentachlorophenol	11.127	266	161568	52.515	ng	99
71) Phenanthrene	11.351	178	1114920	46.903	ng	99
72) Anthracene	11.404	178	1105681	47.686	ng	100
73) Carbazole	11.557	167	971542	47.304	ng	99
74) Di-n-butylphthalate	11.892	149	1162607	46.961	ng	100
75) Fluoranthene	12.539	202	1065514	45.923	ng	100
77) Benzidine	12.663	184	513358	74.515	ng	99
78) Pyrene	12.768	202	1059044	48.410	ng	99
80) Butylbenzylphthalate	13.392	149	371889	49.222	ng	99
81) Benzo(a)anthracene	13.963	228	778922	50.158	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	270572	55.645	ng	99
83) Chrysene	13.998	228	717569	49.829	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470441	49.620	ng	99
85) Di-n-octyl phthalate	14.586	149	773037	52.127	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	916714	51.584	ng	100
88) Benzo(b)fluoranthene	15.015	252	860351	50.916	ng	100
89) Benzo(k)fluoranthene	15.045	252	713500	47.153	ng	99
90) Benzo(a)pyrene	15.380	252	721834	49.985	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	739397	51.907	ng	100
92) Benzo(g,h,i)perylene	17.333	276	764064	50.990	ng	99

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

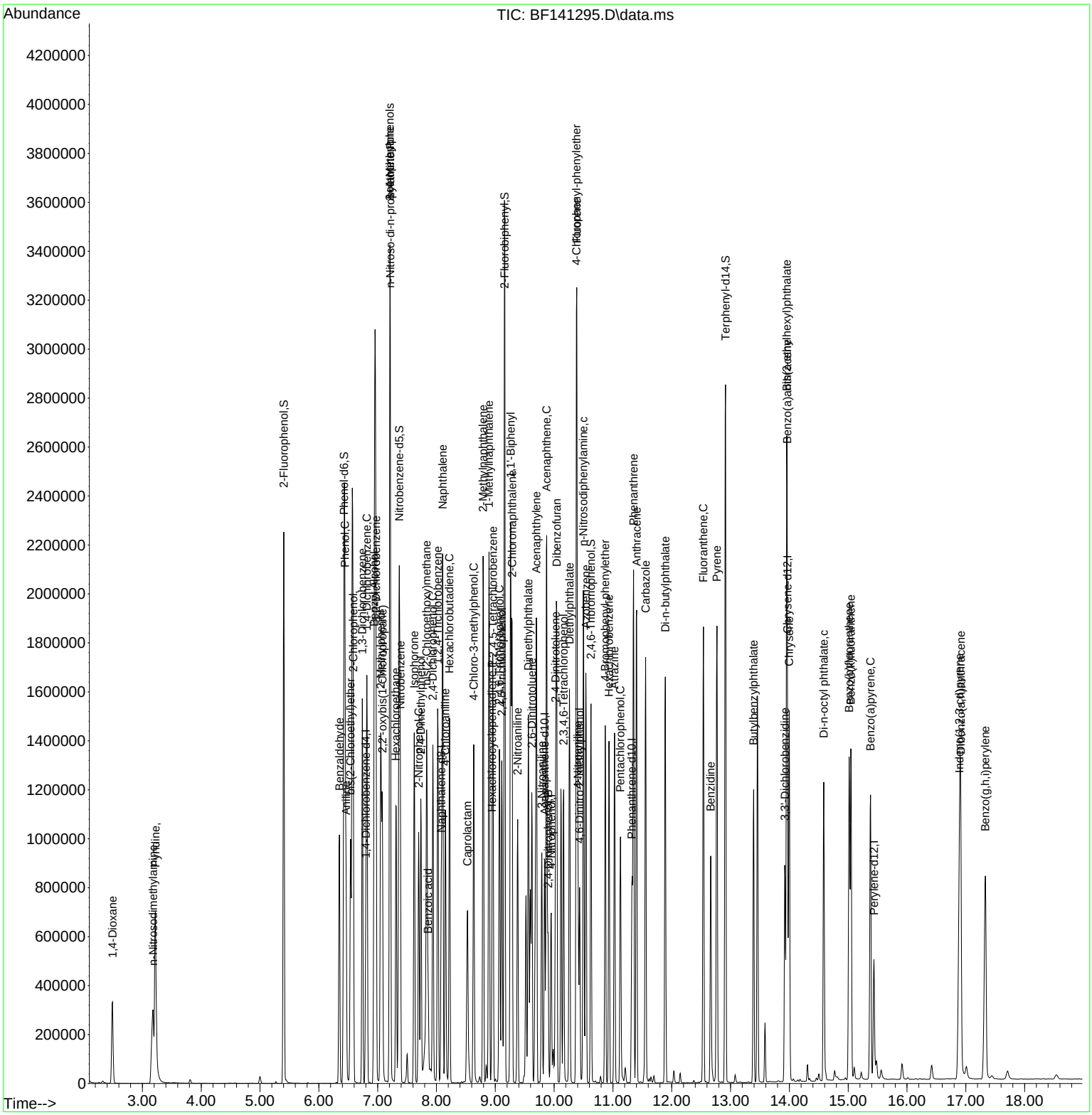
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

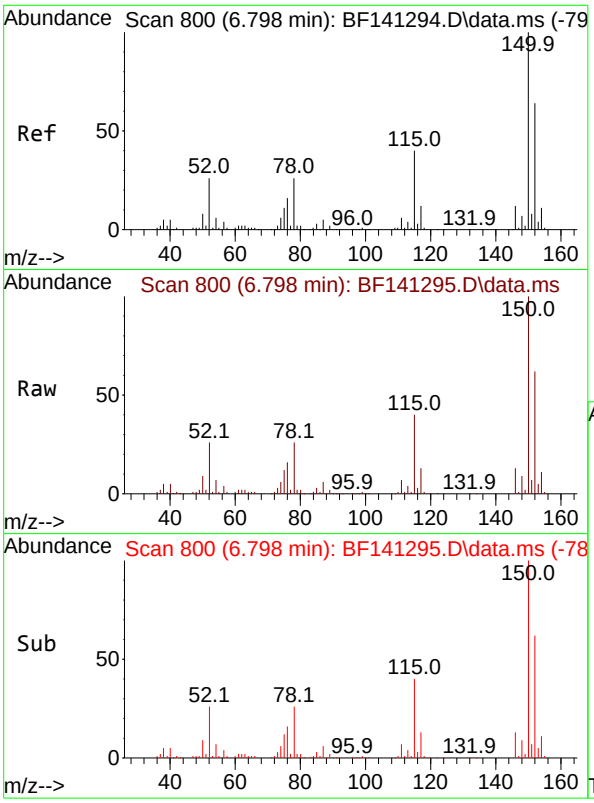
Quant Time: Jan 29 17:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 16:24:35 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

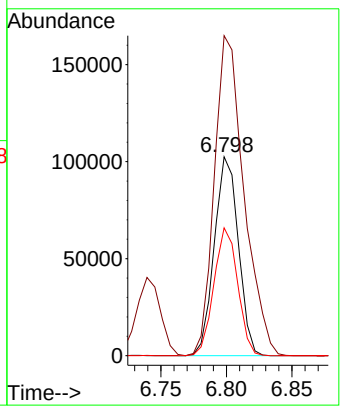




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:152 Resp: 13063

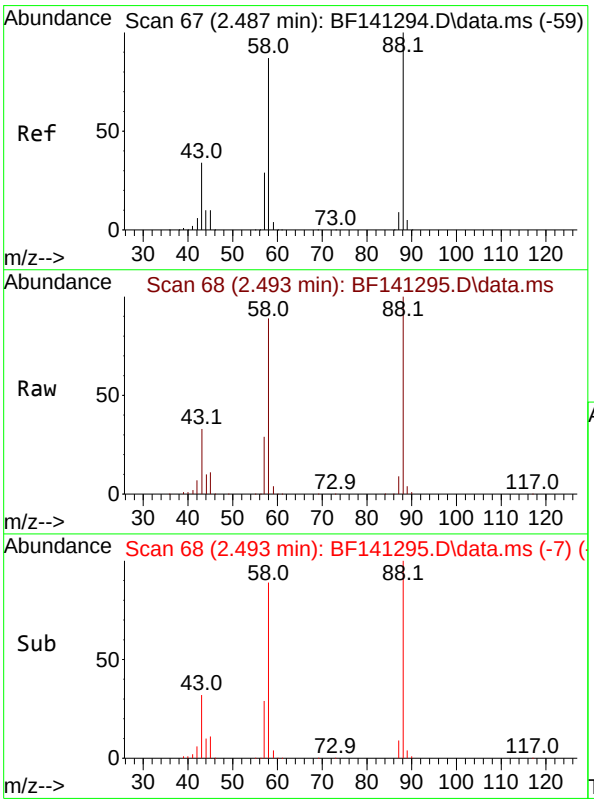
Ion	Ratio	Lower	Upper
152	100		
150	160.9	125.9	188.9
115	64.3	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

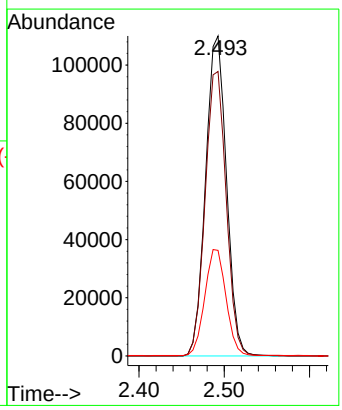
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

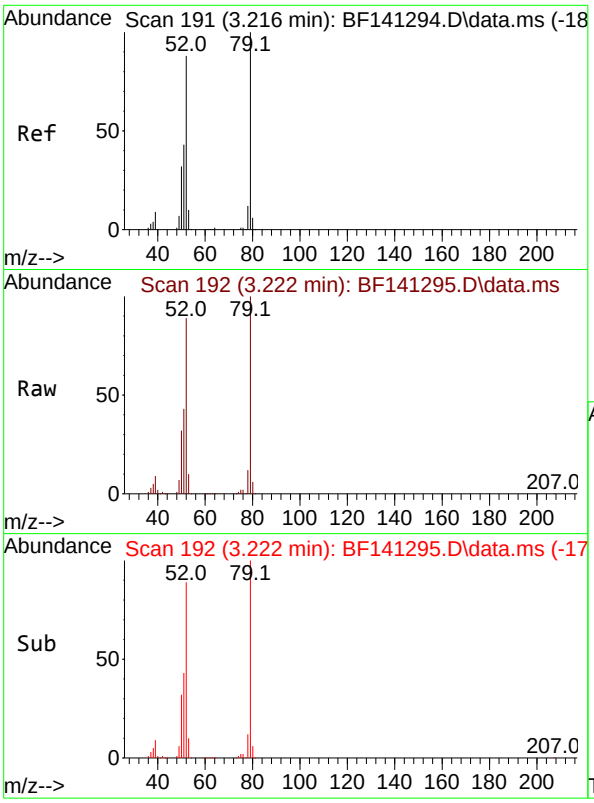


#2
1,4-Dioxane
Concen: 49.995 ng
RT: 2.493 min Scan# 68
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 88 Resp: 187460

Ion	Ratio	Lower	Upper
88	100		
58	89.8	70.2	105.4
43	33.5	27.6	41.4

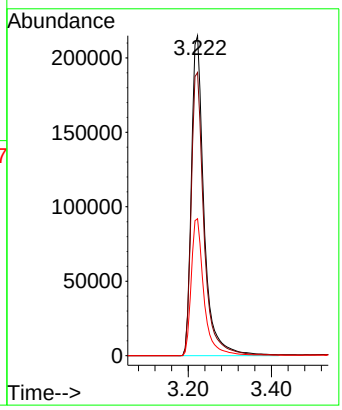




#3
Pyridine
Concen: 50.773 ng
RT: 3.222 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 79 Resp: 45530

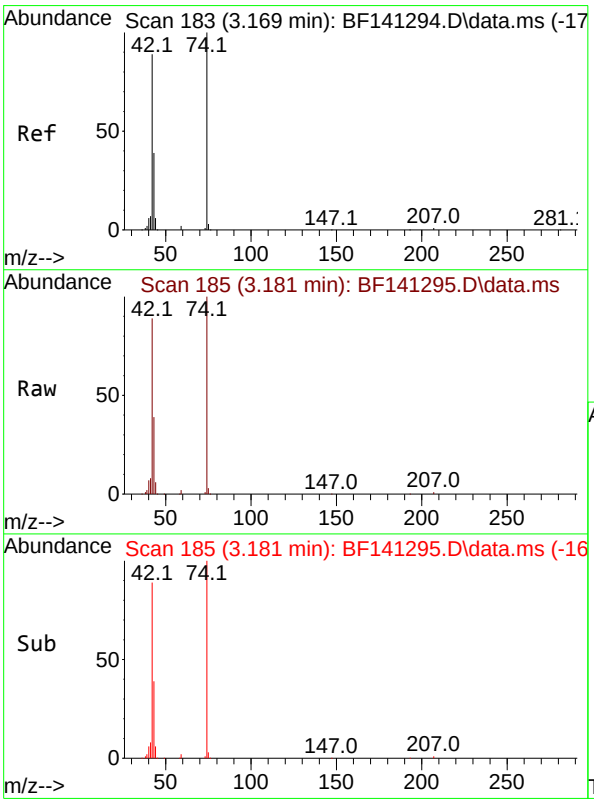
Ion	Ratio	Lower	Upper
79	100		
52	88.5	70.3	105.5
51	42.8	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

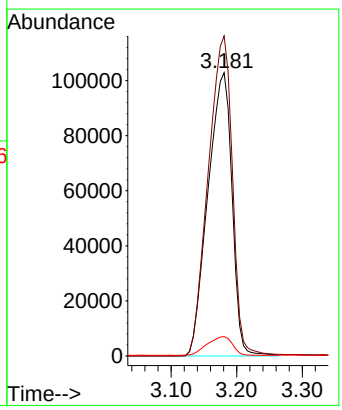
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

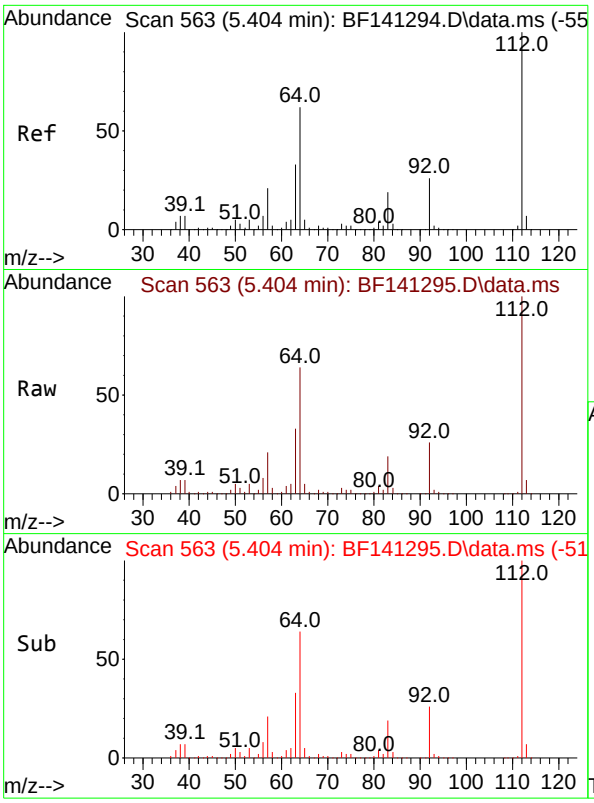


#4
n-Nitrosodimethylamine
Concen: 51.033 ng
RT: 3.181 min Scan# 185
Delta R.T. 0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 42 Resp: 262086

Ion	Ratio	Lower	Upper
42	100		
74	113.0	90.3	135.5
44	6.8	5.7	8.5

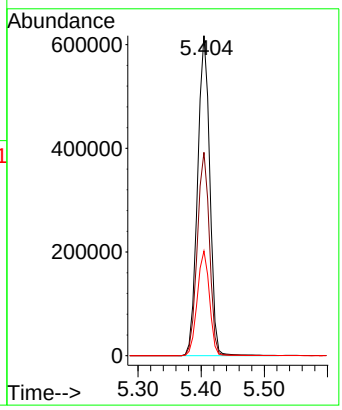




#5
2-Fluorophenol
Concen: 97.984 ng
RT: 5.404 min Scan# 5
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:112 Resp: 82767

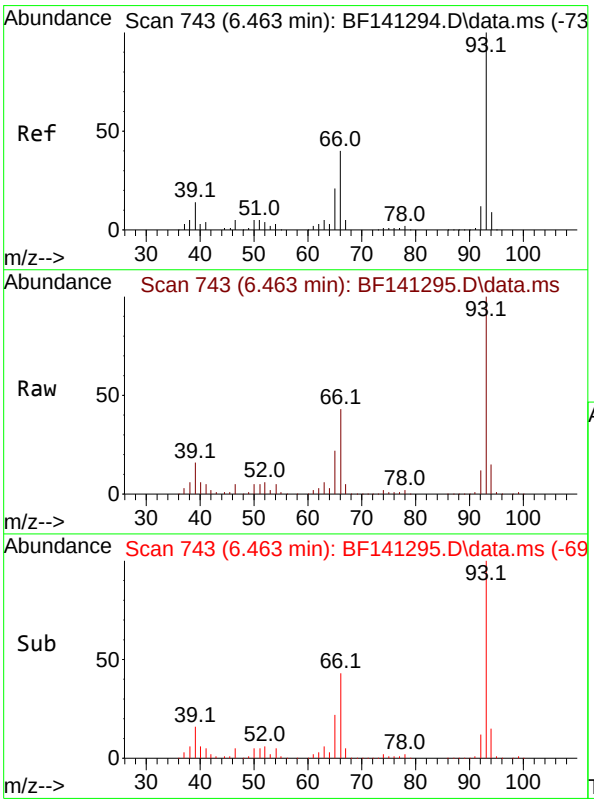
Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.8	74.8
63	32.7	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

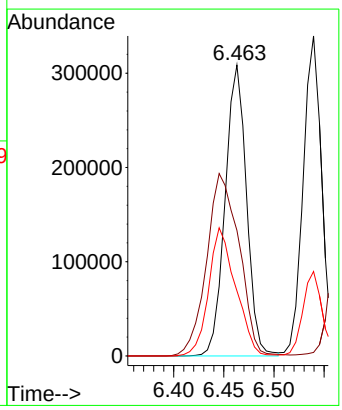
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

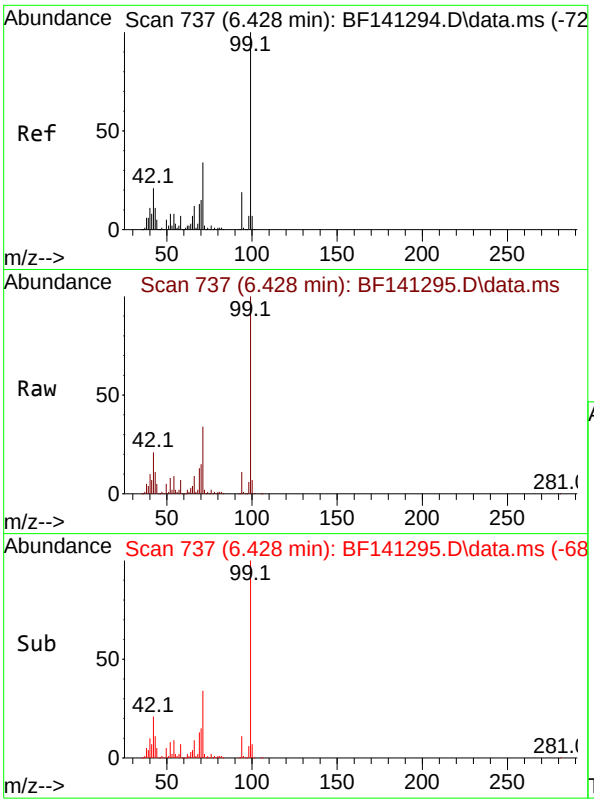


#6
Aniline
Concen: 50.942 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 458390

Ion	Ratio	Lower	Upper
93	100		
66	43.2	32.5	48.7
65	22.4	17.0	25.6

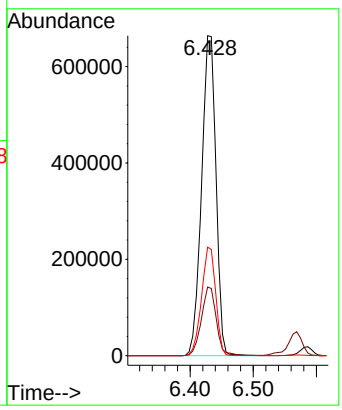




#7
Phenol-d6
Concen: 97.751 ng
RT: 6.428 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 99 Resp: 105238

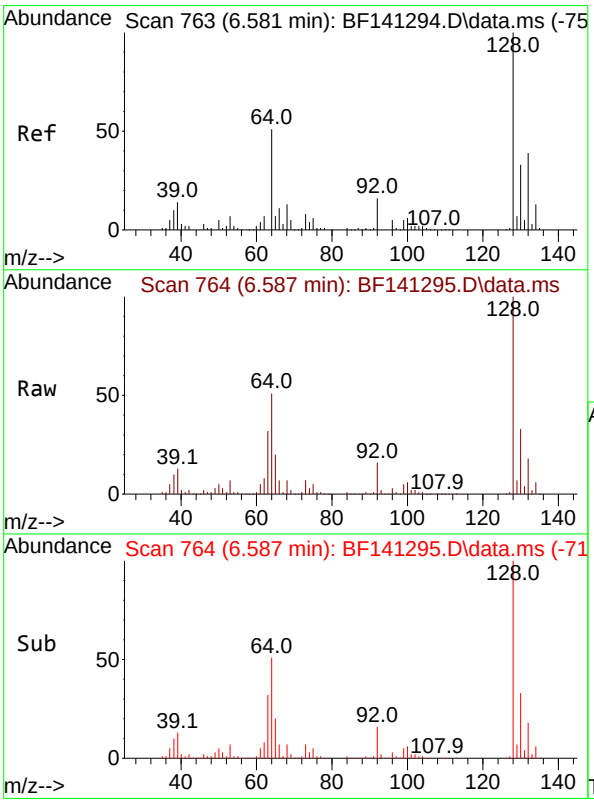
Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.1	25.7
71	33.9	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

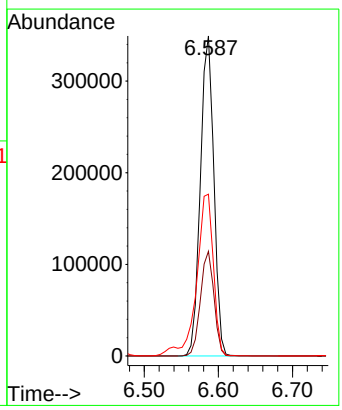
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

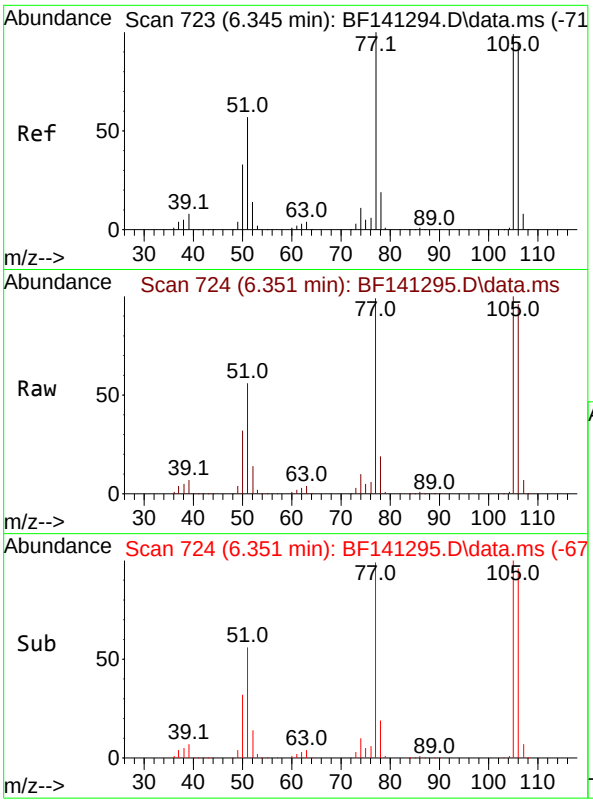


#8
2-Chlorophenol
Concen: 48.707 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:128 Resp: 441862

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.5	32.9	72.9

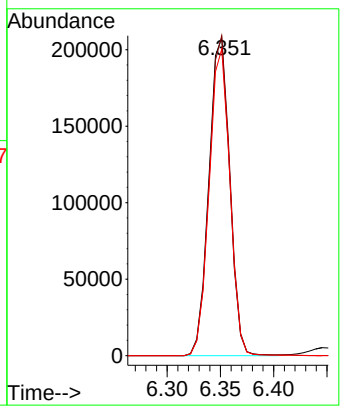




#9
Benzaldehyde
Concen: 44.996 ng
RT: 6.351 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 77 Resp: 28132

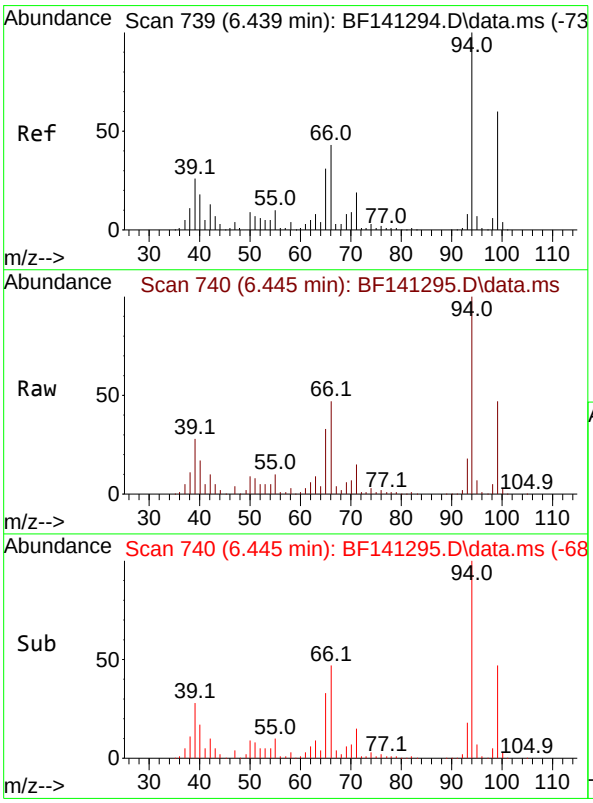
Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.4	119.4
106	96.5	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

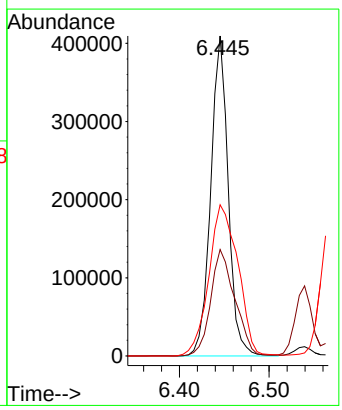
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

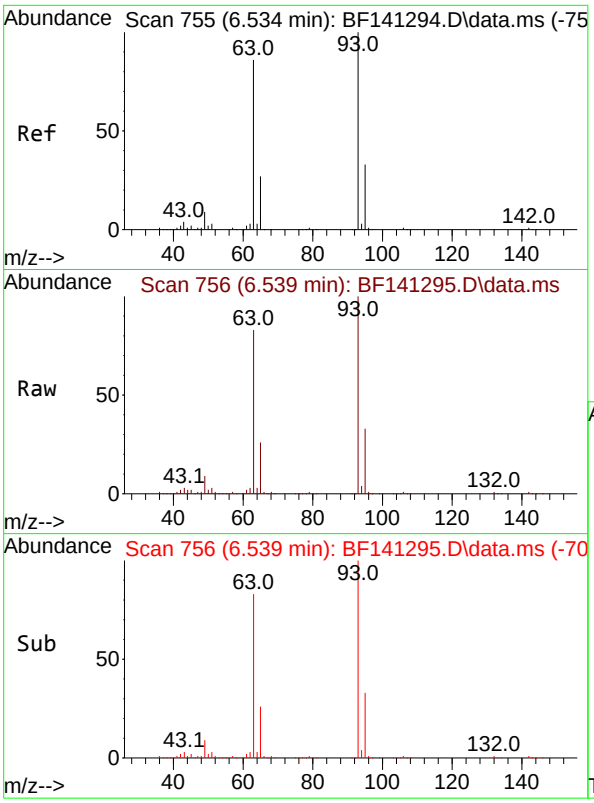


#10
Phenol
Concen: 48.628 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 94 Resp: 553844

Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.8	50.8
66	47.3	23.3	63.3

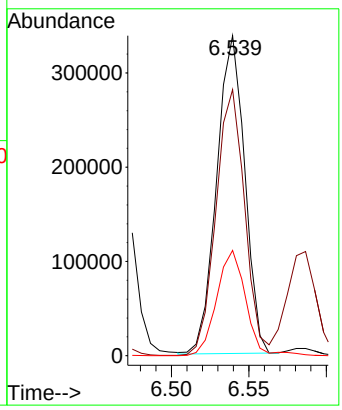




#11
bis(2-Chloroethyl)ether
Concen: 48.433 ng
RT: 6.539 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 42424

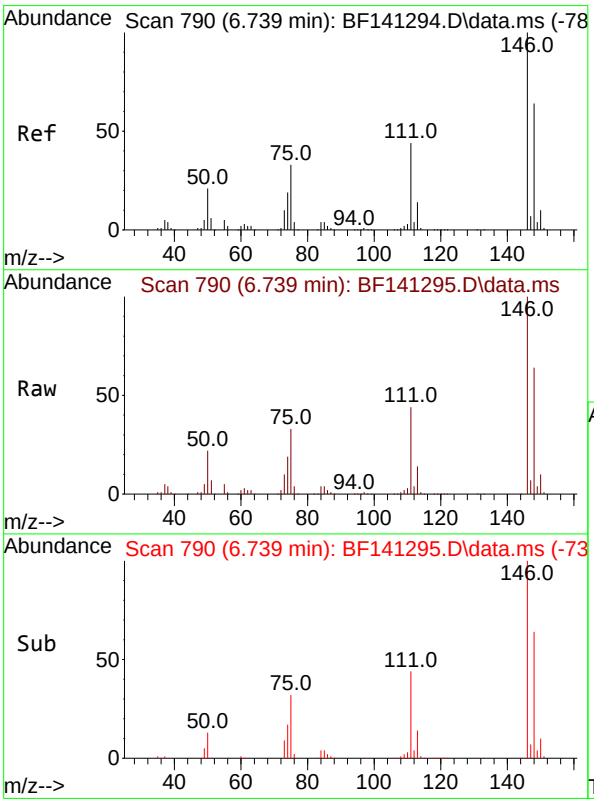
Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.0	105.0
95	32.9	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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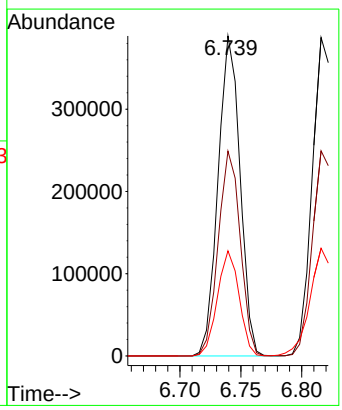
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

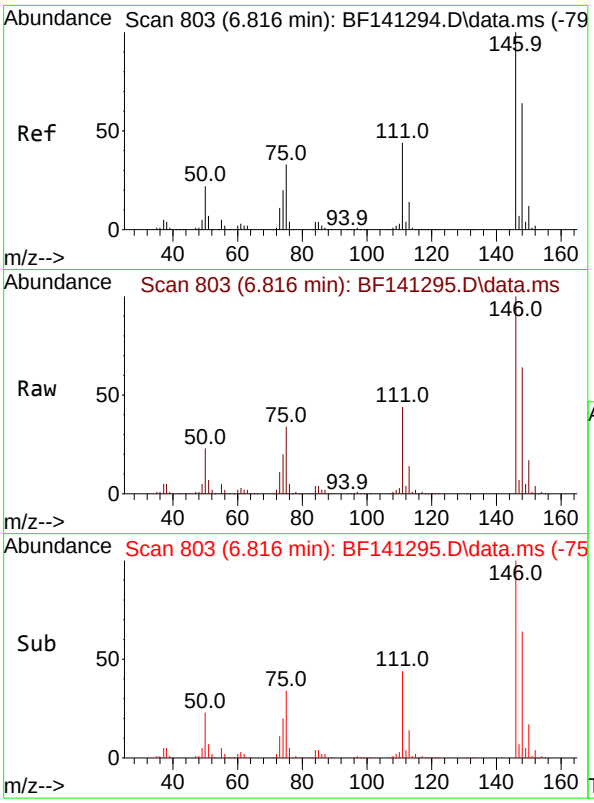


#12
1,3-Dichlorobenzene
Concen: 48.913 ng
RT: 6.739 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 489386

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	32.9	26.2	39.4

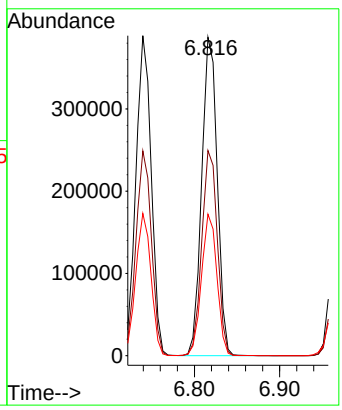




#13
1,4-Dichlorobenzene
Concen: 48.671 ng
RT: 6.816 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 49039

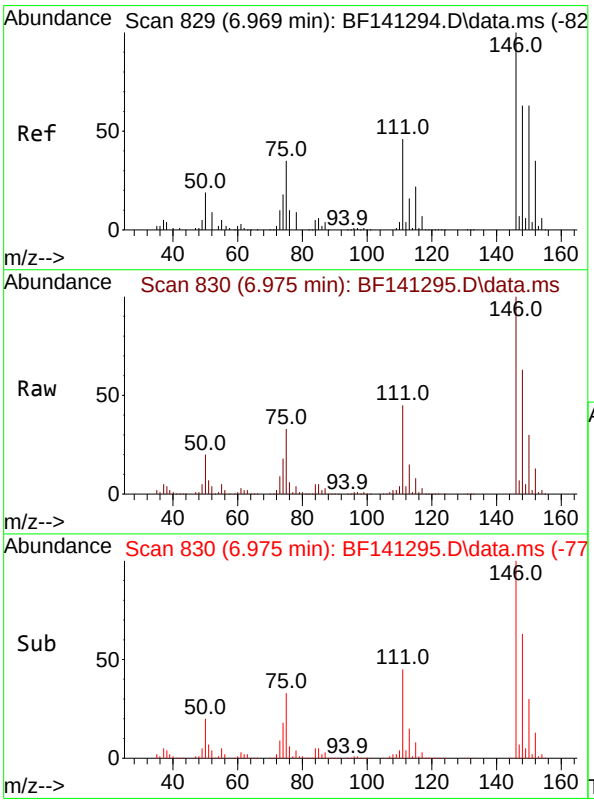
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	44.4	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

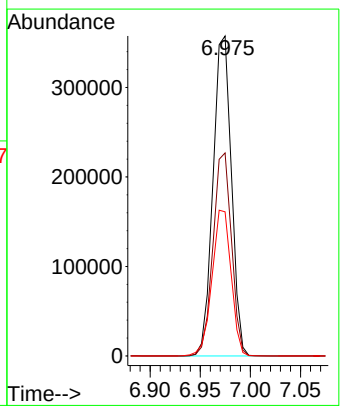
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

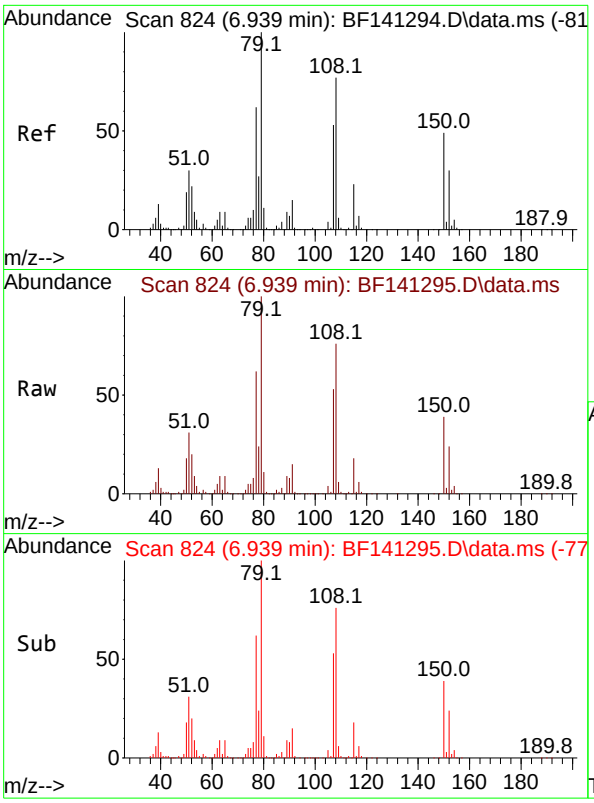


#14
1,2-Dichlorobenzene
Concen: 48.279 ng
RT: 6.975 min Scan# 830
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 454569

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	45.1	36.6	55.0

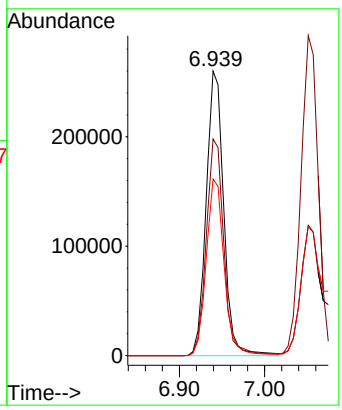




#15
Benzyl Alcohol
Concen: 50.480 ng
RT: 6.939 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 79 Resp: 37127

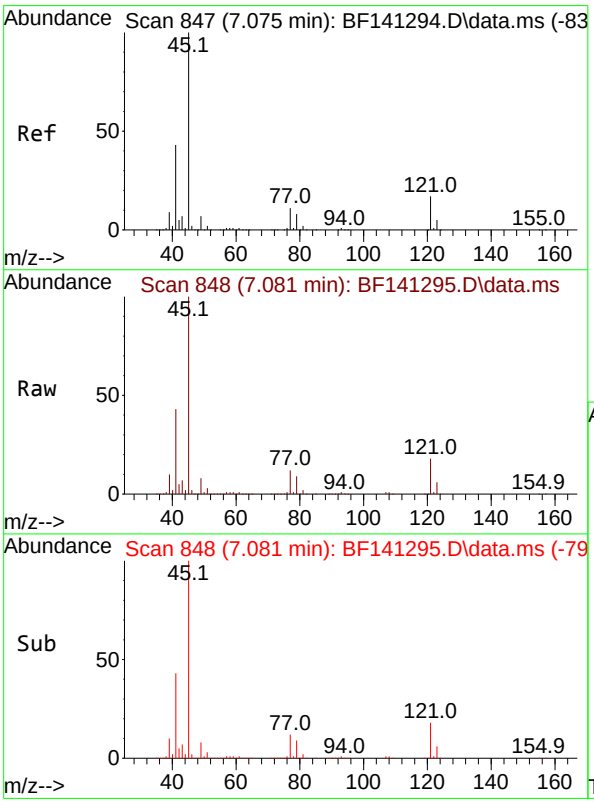
Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.4	92.0
77	62.1	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

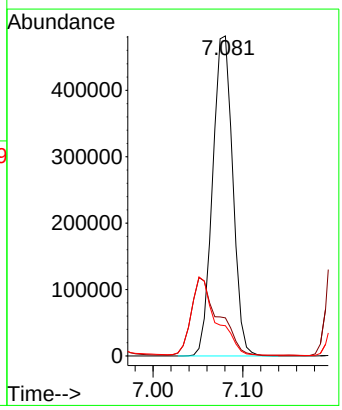
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

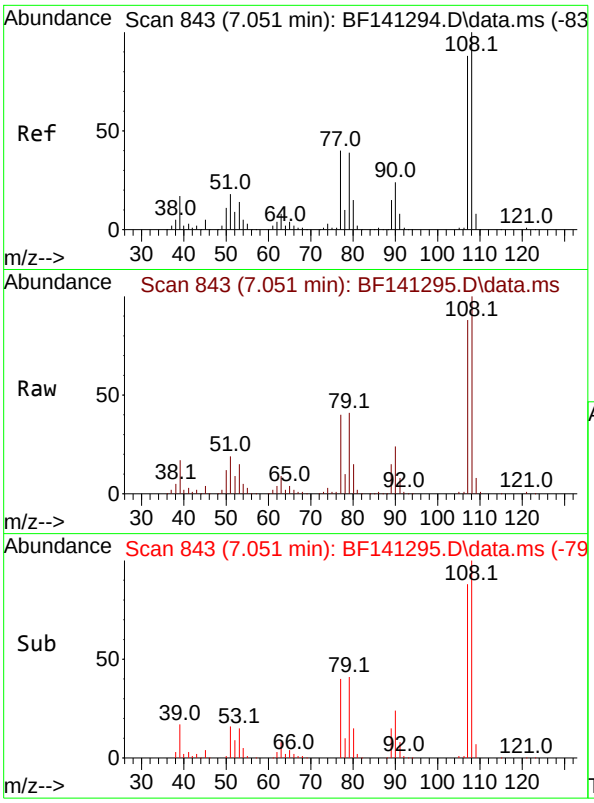


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.280 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 45 Resp: 749938

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	9.5	0.0	29.1

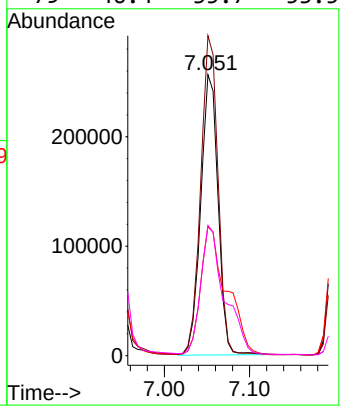




#17
2-Methylphenol
Concen: 49.214 ng
RT: 7.051 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 36146

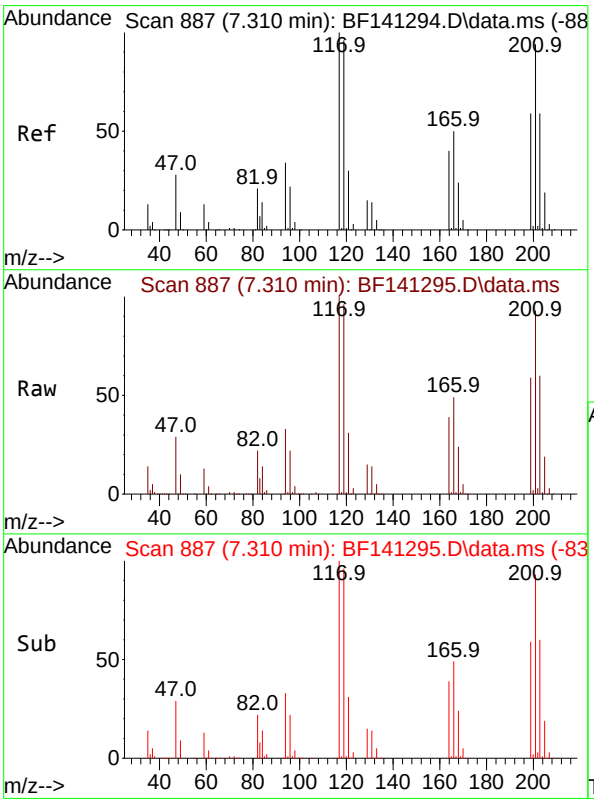
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	46.0	36.2	54.4
79	46.4	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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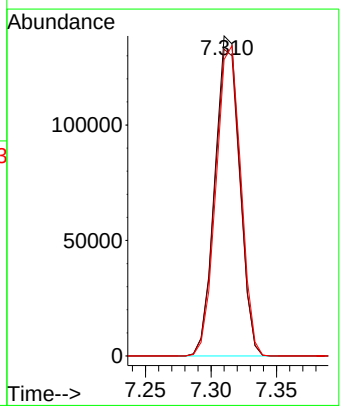
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

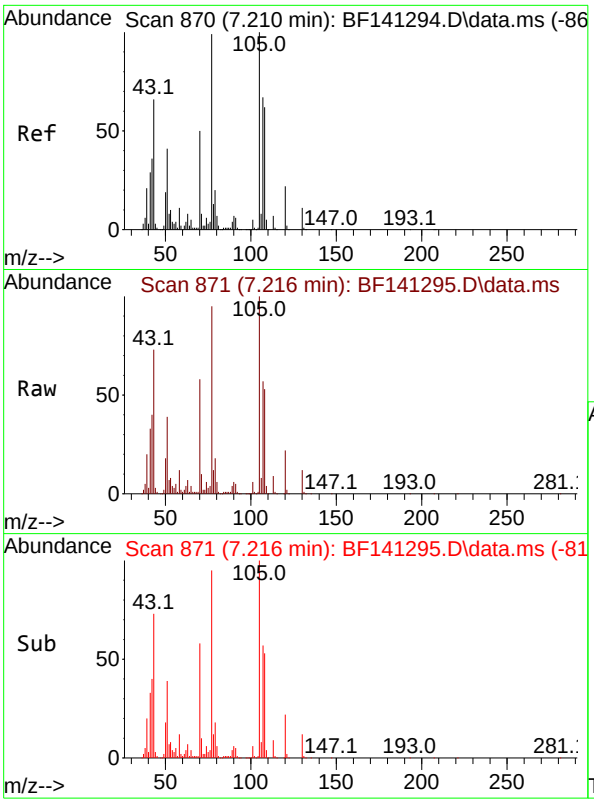


#18
Hexachloroethane
Concen: 49.073 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:117 Resp: 182933

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	92.7	74.8	112.2

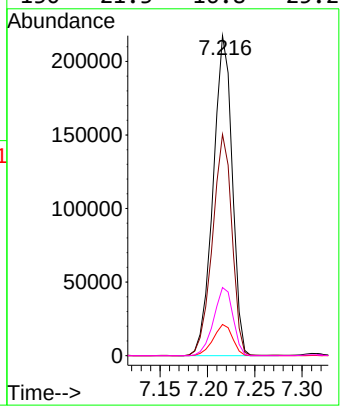




#19
n-Nitroso-di-n-propylamine
Concen: 47.753 ng
RT: 7.216 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 70 Resp: 30574

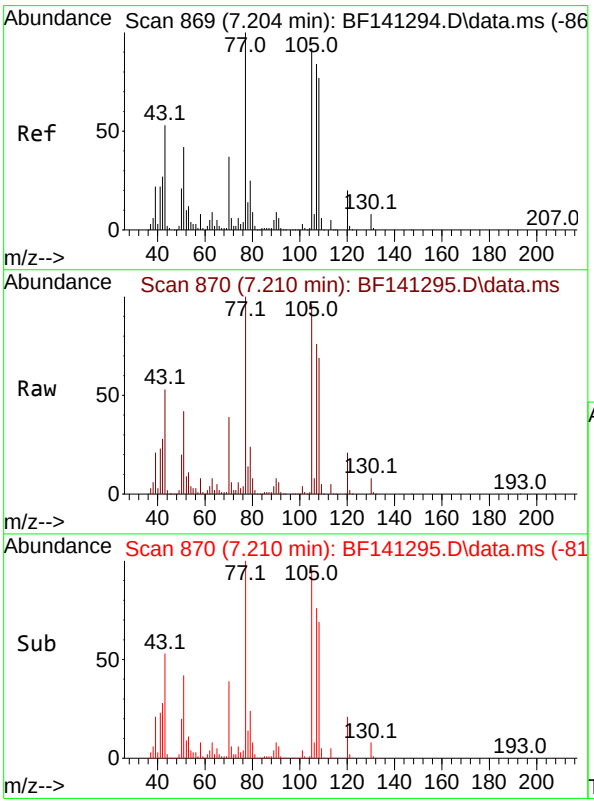
Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.8	85.2
101	9.7	7.7	11.5
130	21.3	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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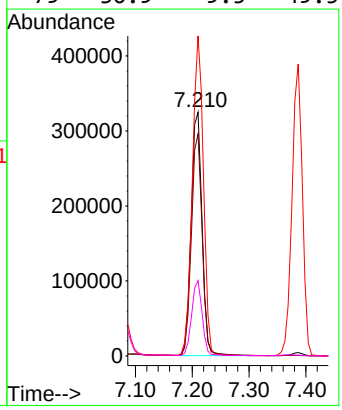
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

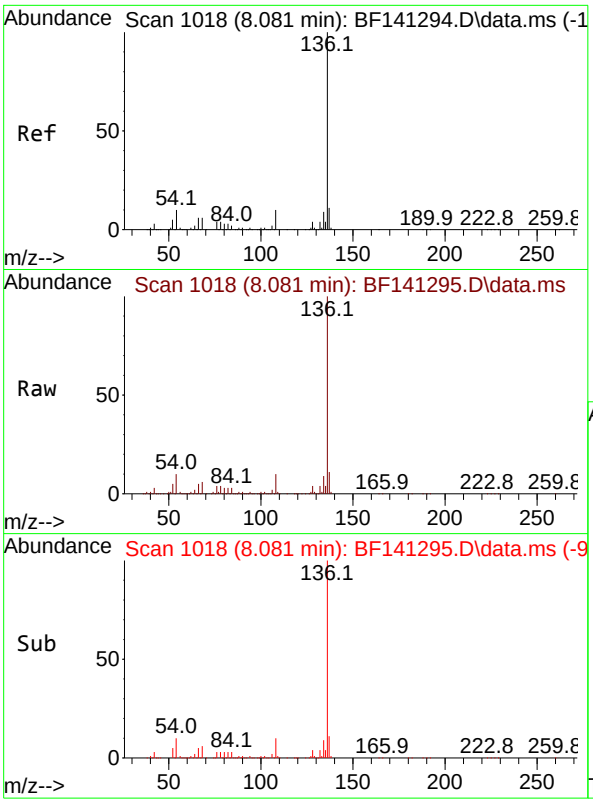


#20
3+4-Methylphenols
Concen: 48.143 ng
RT: 7.210 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 434743

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.9	110.9
77	131.3	98.5	138.5
79	30.9	9.5	49.5

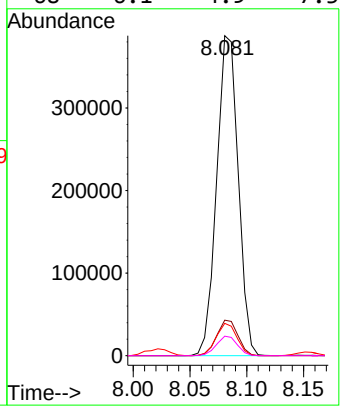




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:136 Resp: 51184

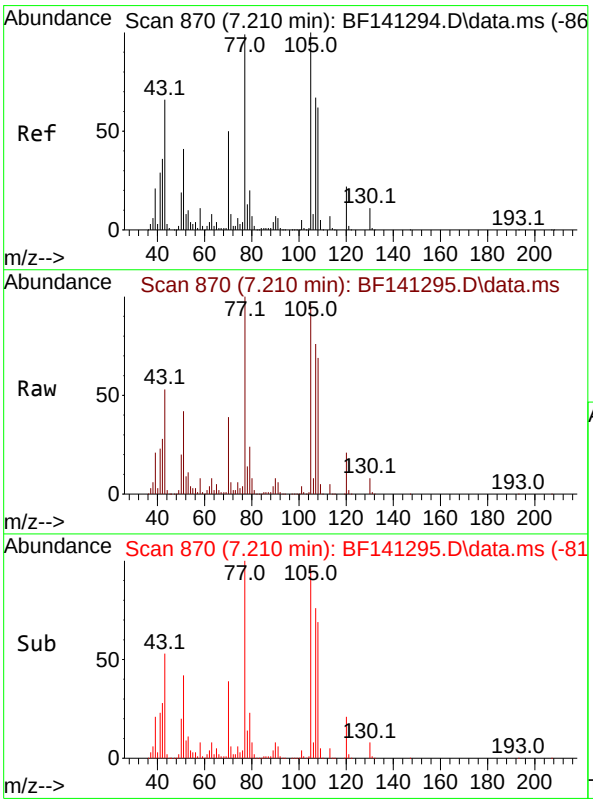
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	7.8	11.8
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

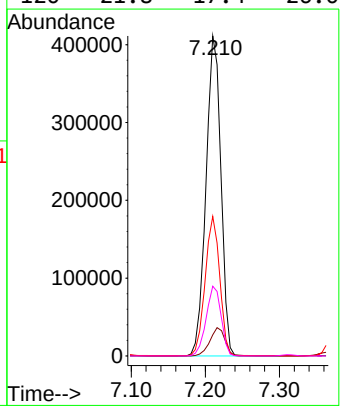
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

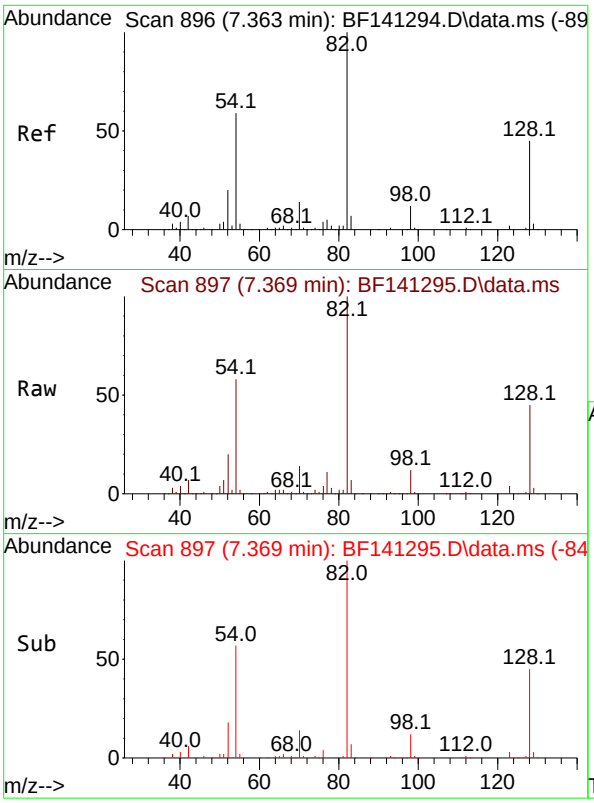


#22
Acetophenone
Concen: 47.365 ng
RT: 7.210 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:105 Resp: 574700

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.8	10.2#
51	43.6	32.6	49.0
120	21.8	17.4	26.0

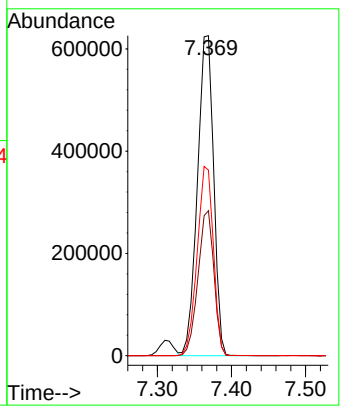




#23
Nitrobenzene-d5
Concen: 98.761 ng
RT: 7.369 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 82 Resp: 95536

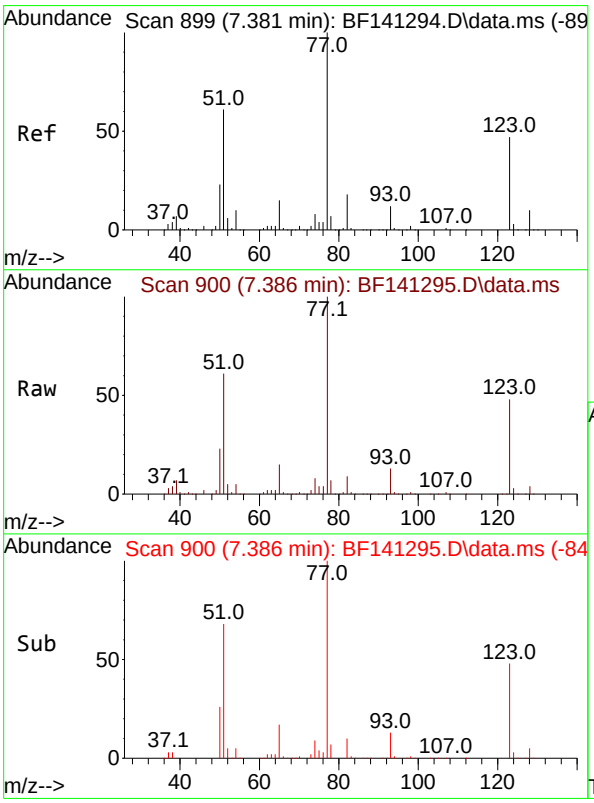
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	58.0	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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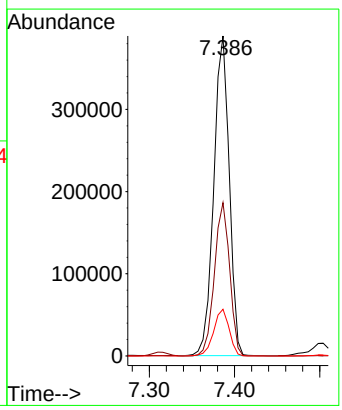
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

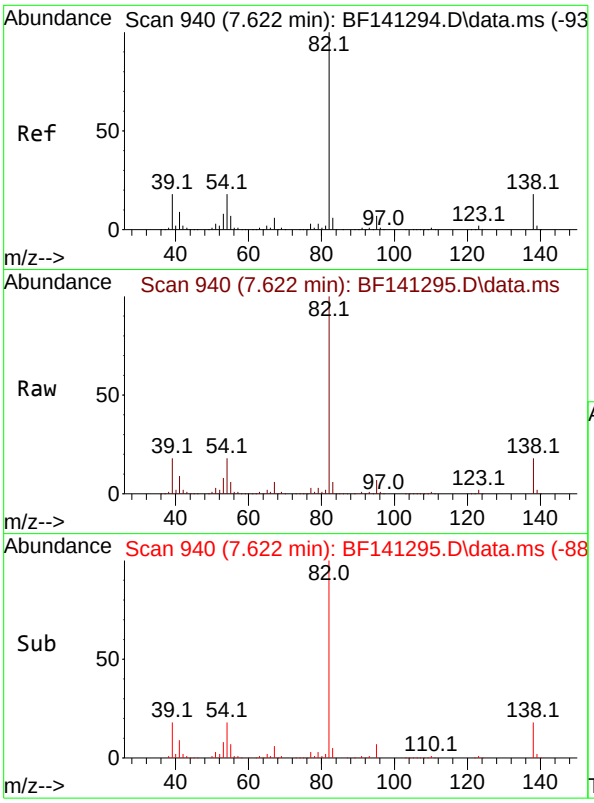


#24
Nitrobenzene
Concen: 49.046 ng
RT: 7.386 min Scan# 900
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 77 Resp: 492082

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.3	55.9
65	14.6	11.8	17.6

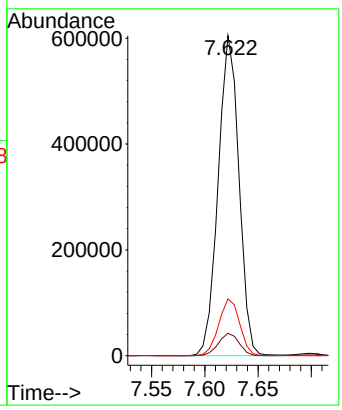




#25
Isophorone
Concen: 48.959 ng
RT: 7.622 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 82 Resp: 81849

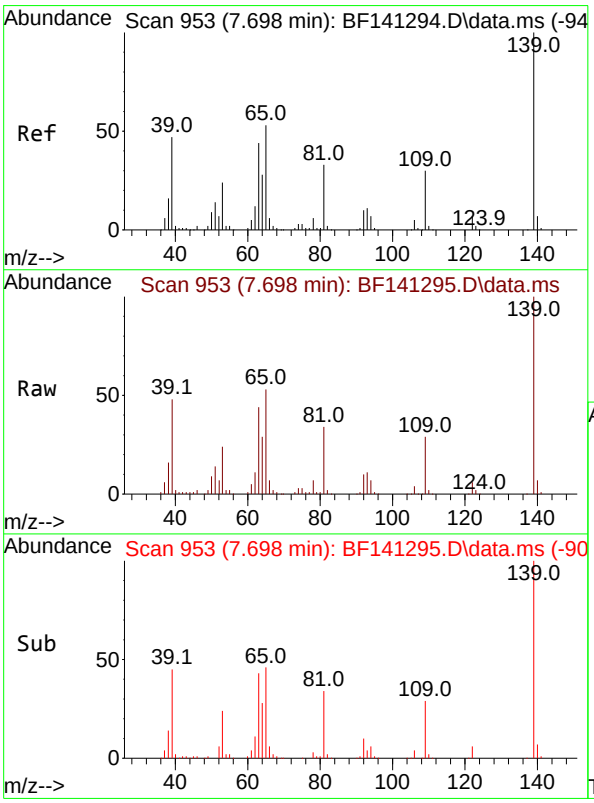
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.7	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

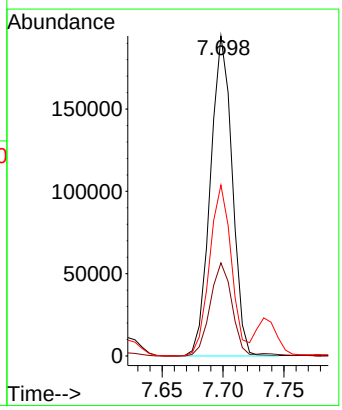
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

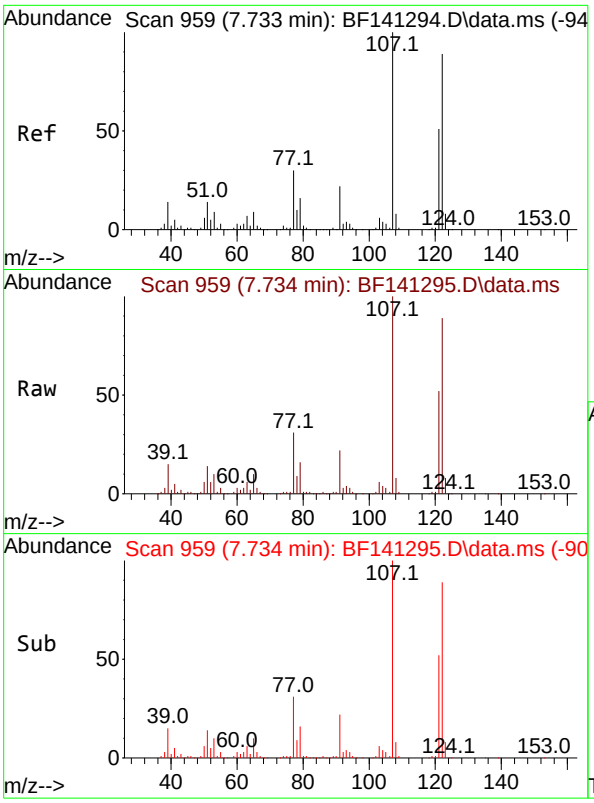


#26
2-Nitrophenol
Concen: 51.545 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 242228

Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.8	35.6
65	53.4	42.2	63.4

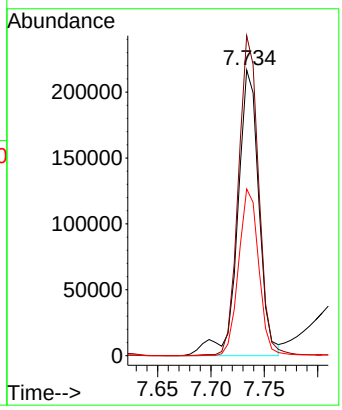




#27
2,4-Dimethylphenol
Concen: 49.969 ng m
RT: 7.734 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:122 Resp: 30007

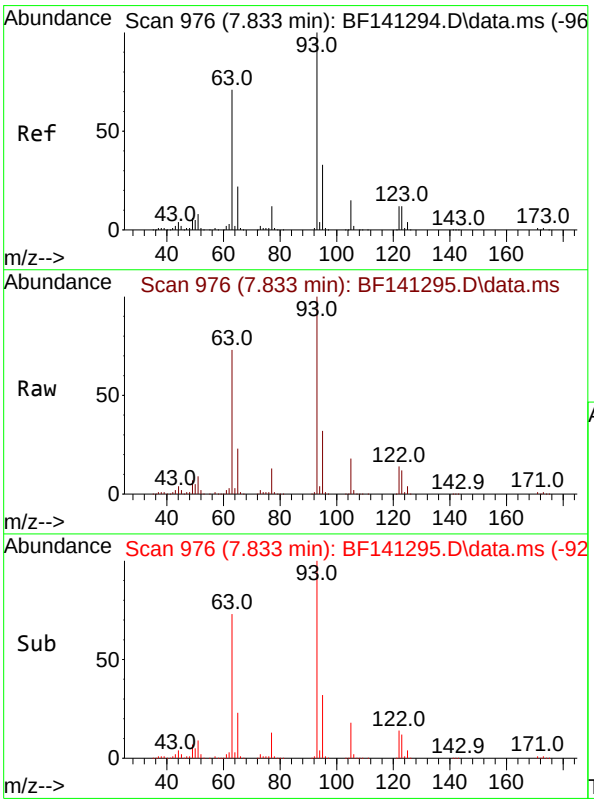
Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.9	134.9
121	58.3	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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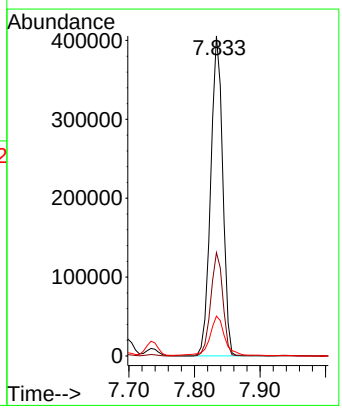
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

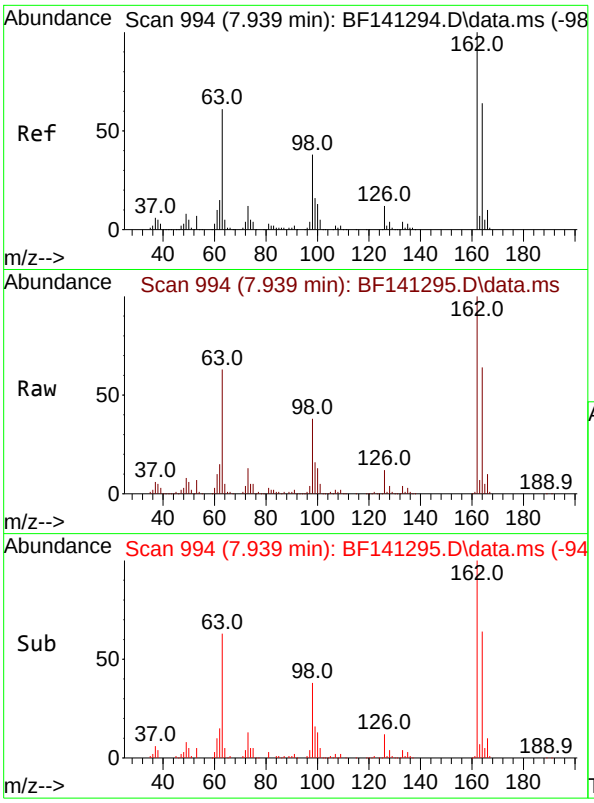


#28
bis(2-Chloroethoxy)methane
Concen: 48.701 ng
RT: 7.833 min Scan# 976
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 518825

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.4	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 49.507 ng
RT: 7.939 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

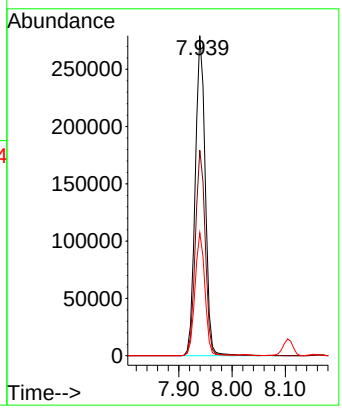
Tgt Ion:162 Resp: 36327

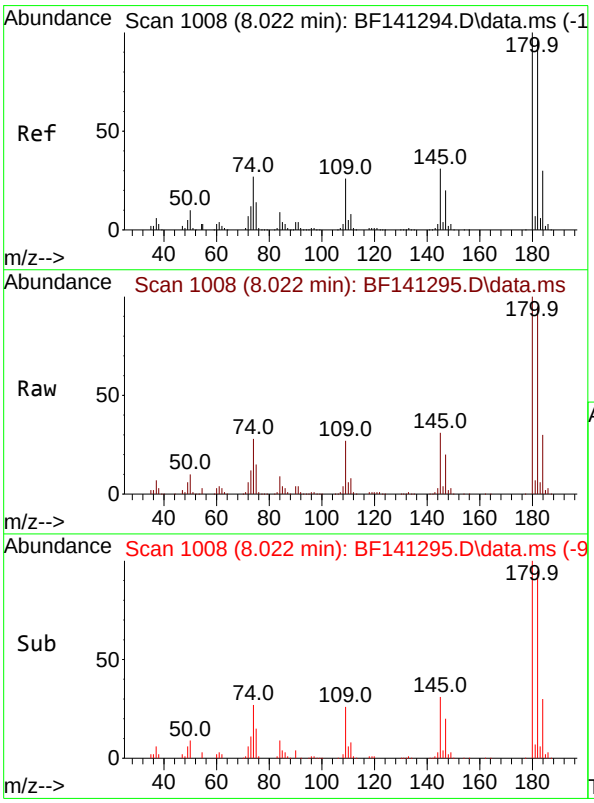
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.4	18.2	58.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Yogesh Patel 01/30/2025
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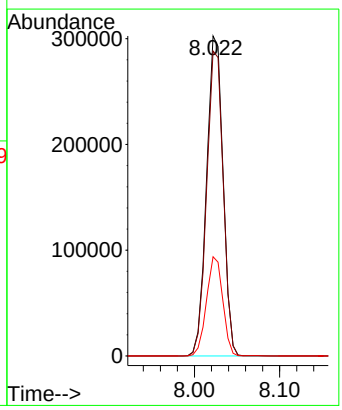


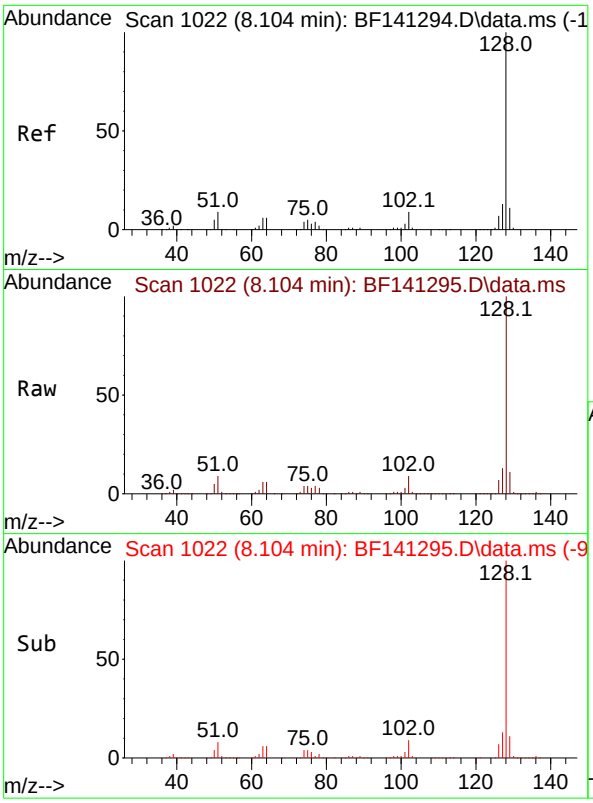


#30
1,2,4-Trichlorobenzene
Concen: 48.309 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:180 Resp: 406562

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	31.0	24.9	37.3

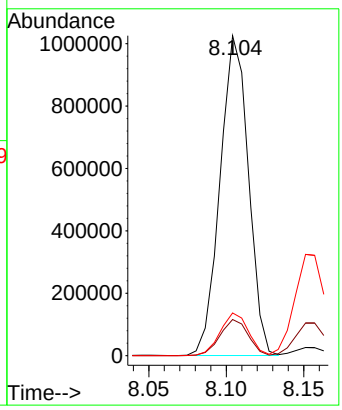




#31
Naphthalene
Concen: 48.468 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:128 Resp: 130475

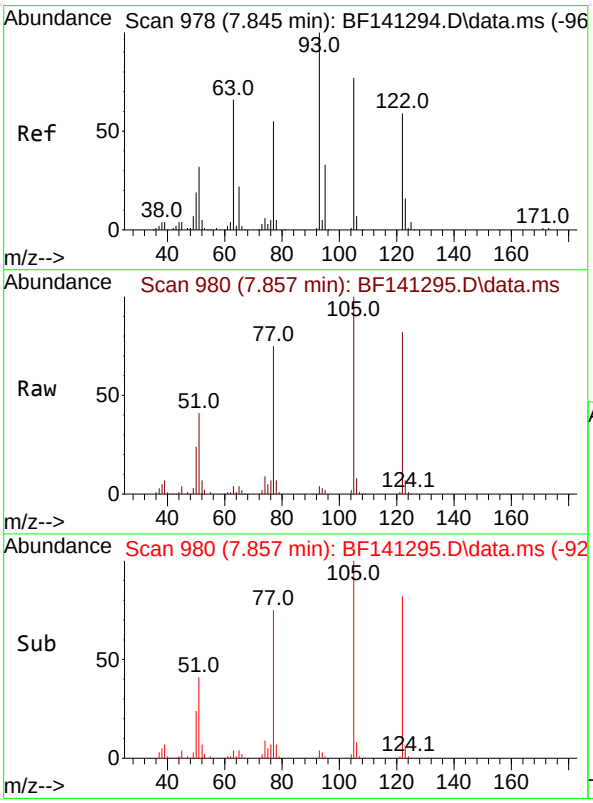
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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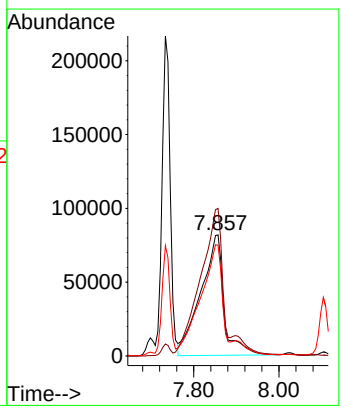
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

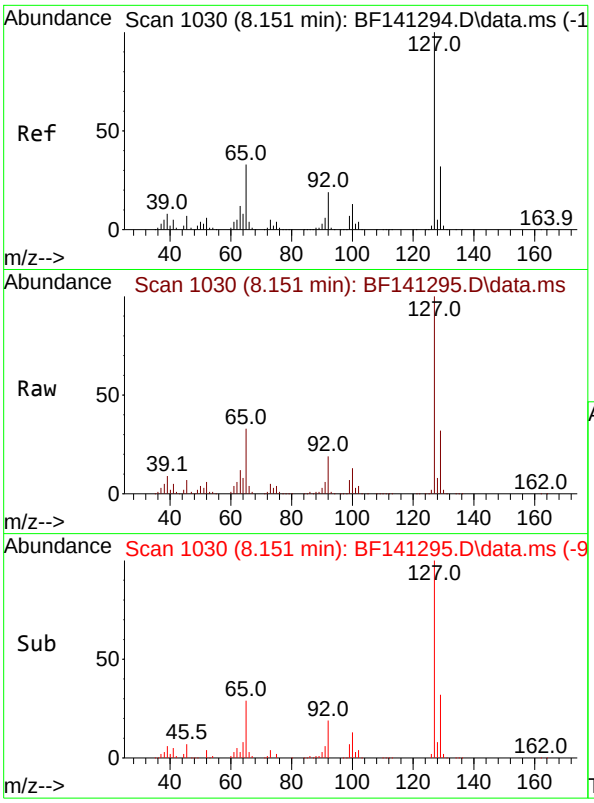


#32
Benzoic acid
Concen: 56.571 ng
RT: 7.857 min Scan# 980
Delta R.T. 0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:122 Resp: 308525

Ion	Ratio	Lower	Upper
122	100		
105	121.7	103.4	143.4
77	91.5	70.9	110.9

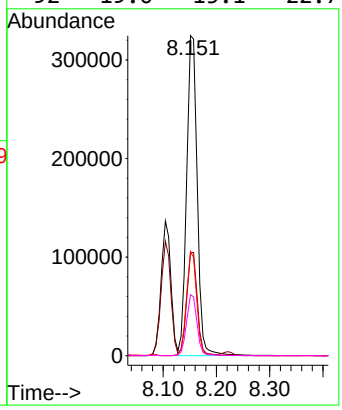




#33
4-Chloroaniline
Concen: 49.712 ng
RT: 8.151 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:127 Resp: 44954

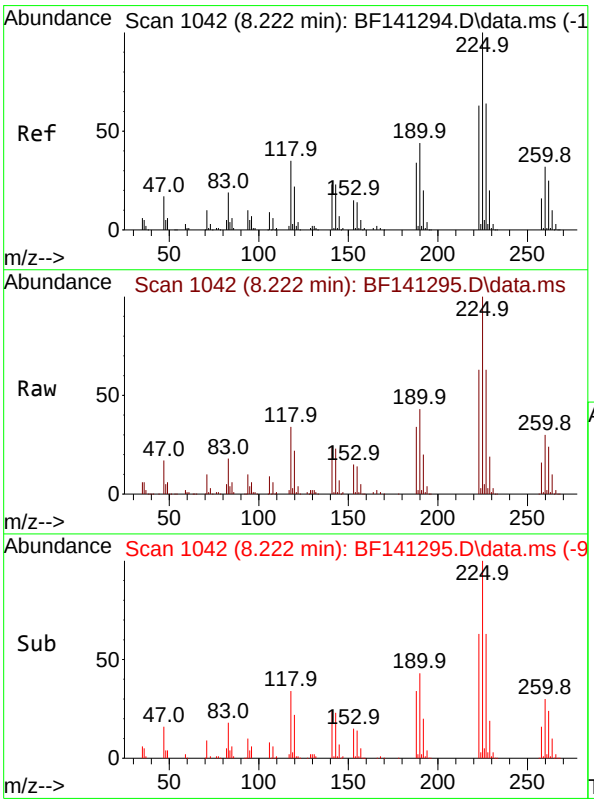
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	32.6	26.4	39.6
92	19.0	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

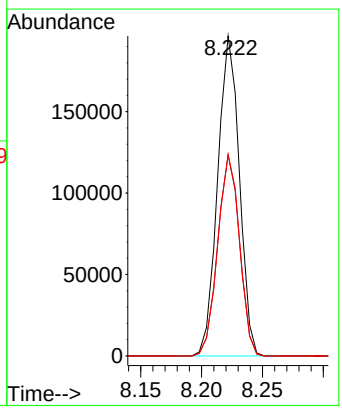
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

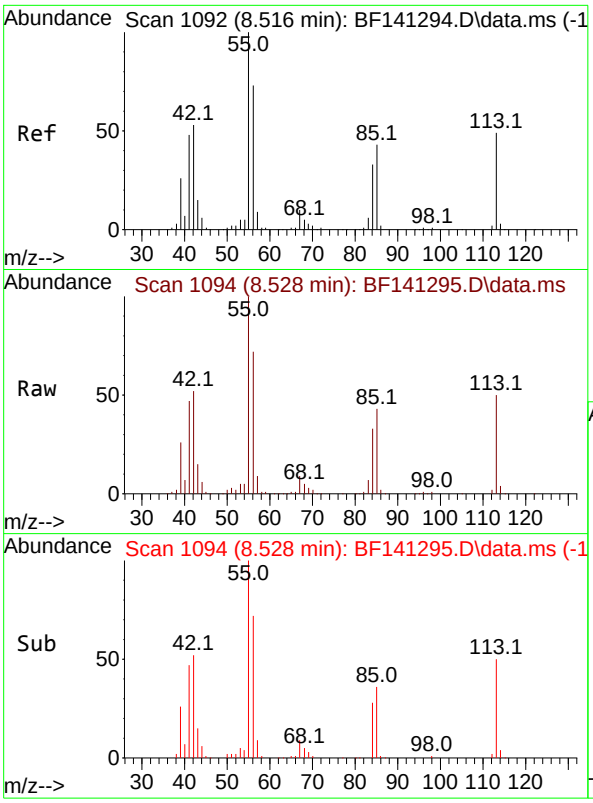


#34
Hexachlorobutadiene
Concen: 49.395 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:225 Resp: 243308

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	62.9	51.3	76.9

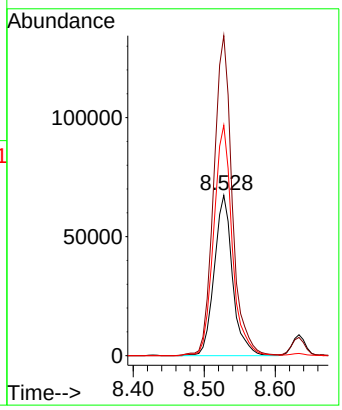




#35
Caprolactam
Concen: 50.594 ng
RT: 8.528 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:113 Resp: 12007

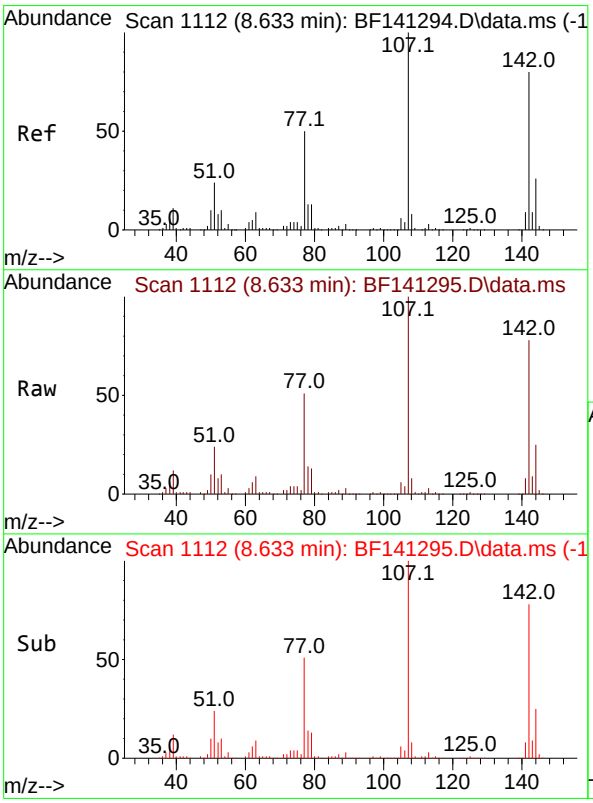
Ion	Ratio	Lower	Upper
113	100		
55	199.5	182.9	222.9
56	143.7	127.9	167.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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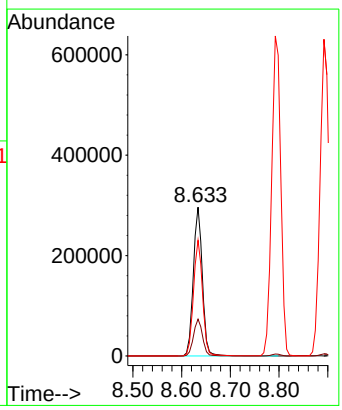
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

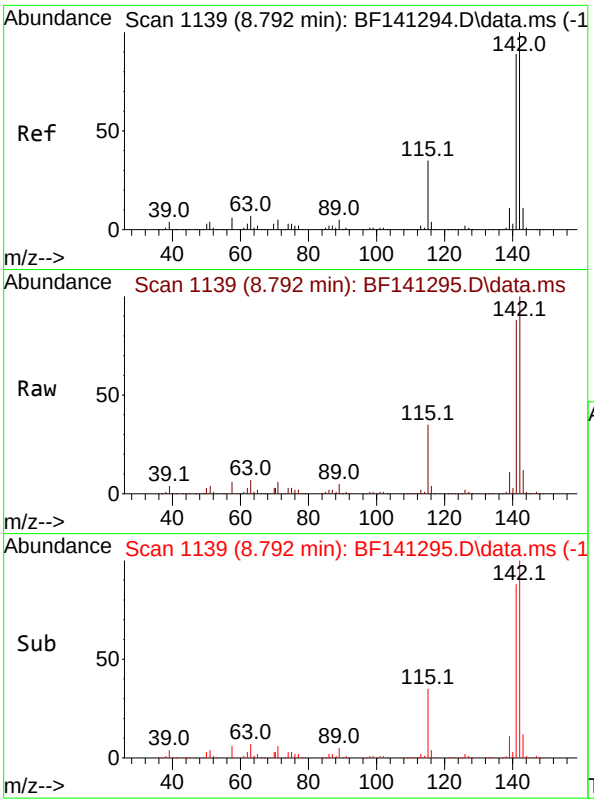


#36
4-Chloro-3-methylphenol
Concen: 48.973 ng
RT: 8.633 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 385683

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.7	63.8	95.8

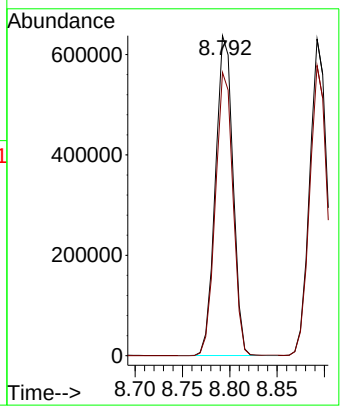




#37
2-Methylnaphthalene
Concen: 48.006 ng
RT: 8.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:142 Resp: 82298

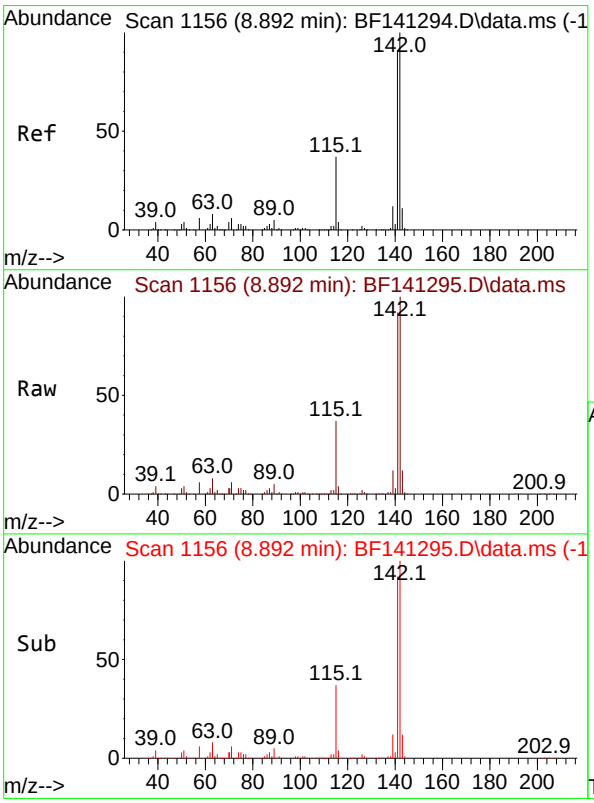
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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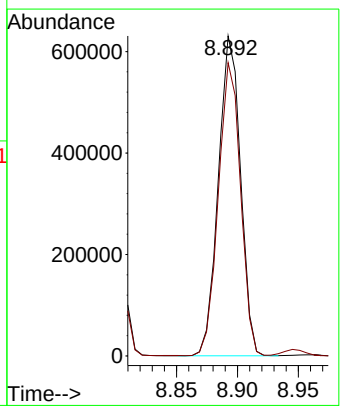
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

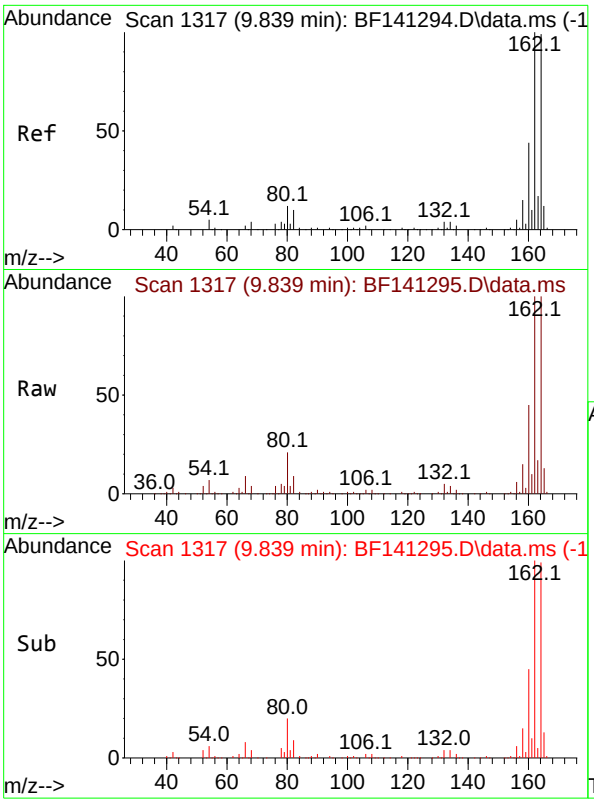


#38
1-Methylnaphthalene
Concen: 47.586 ng
RT: 8.892 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:142 Resp: 799136

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8

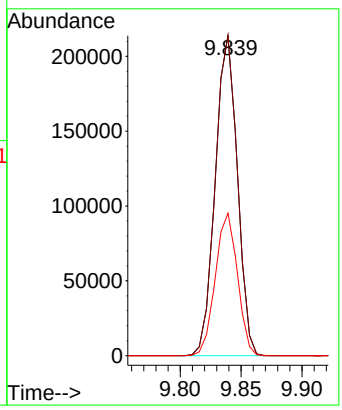




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:164 Resp: 26966

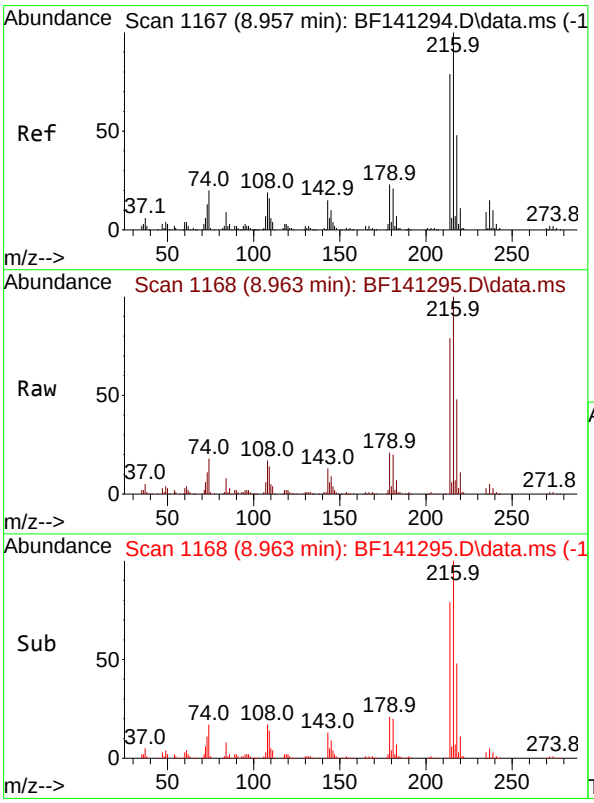
Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.5	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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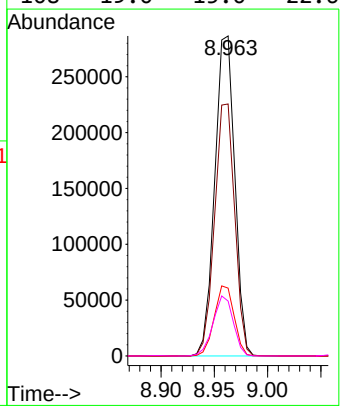
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

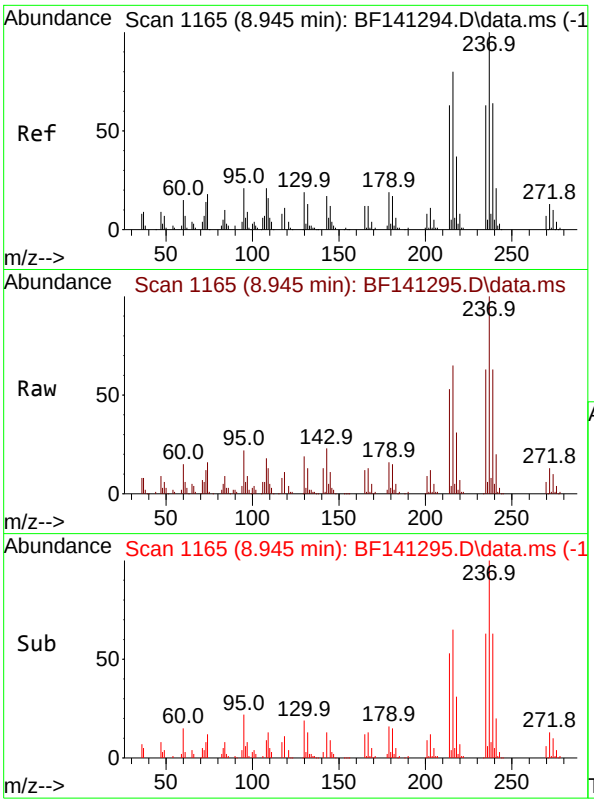


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.774 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:216 Resp: 373963

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	21.7	17.8	26.8
108	19.0	15.0	22.6

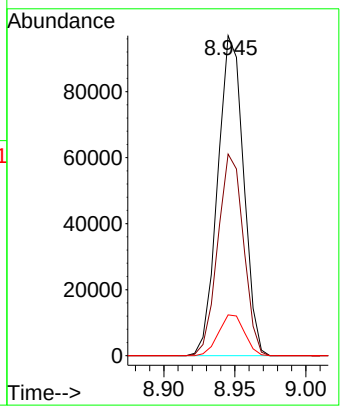




#41
Hexachlorocyclopentadiene
Concen: 53.227 ng
RT: 8.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:237 Resp: 12247

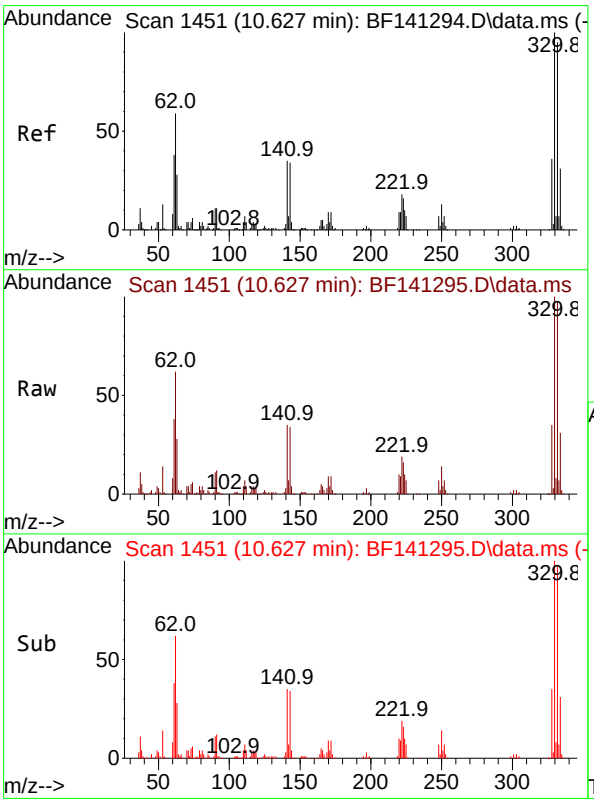
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	12.7	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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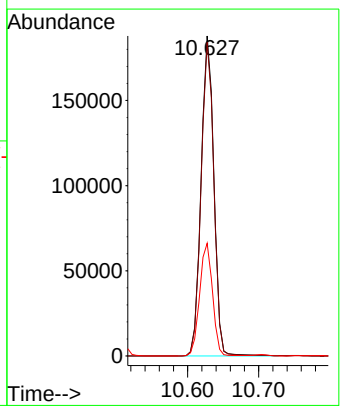
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

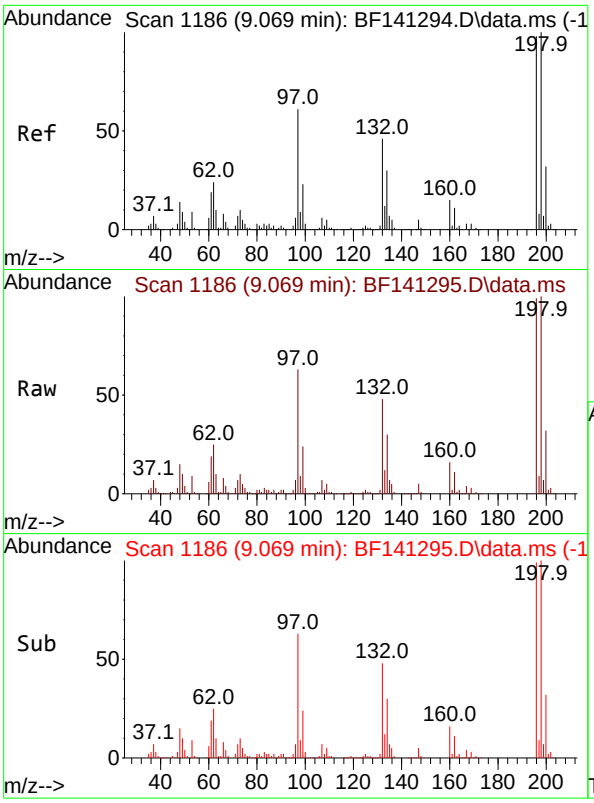


#42
2,4,6-Tribromophenol
Concen: 95.997 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:330 Resp: 235884

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.1	114.1
141	35.4	28.8	43.2

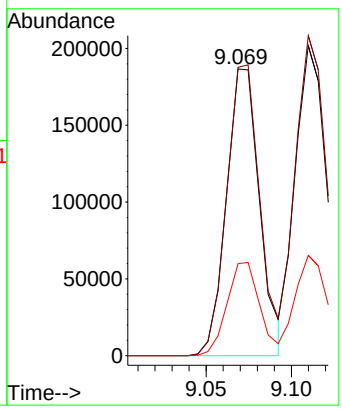




#43
2,4,6-Trichlorophenol
Concen: 50.545 ng
RT: 9.069 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:196 Resp: 25297

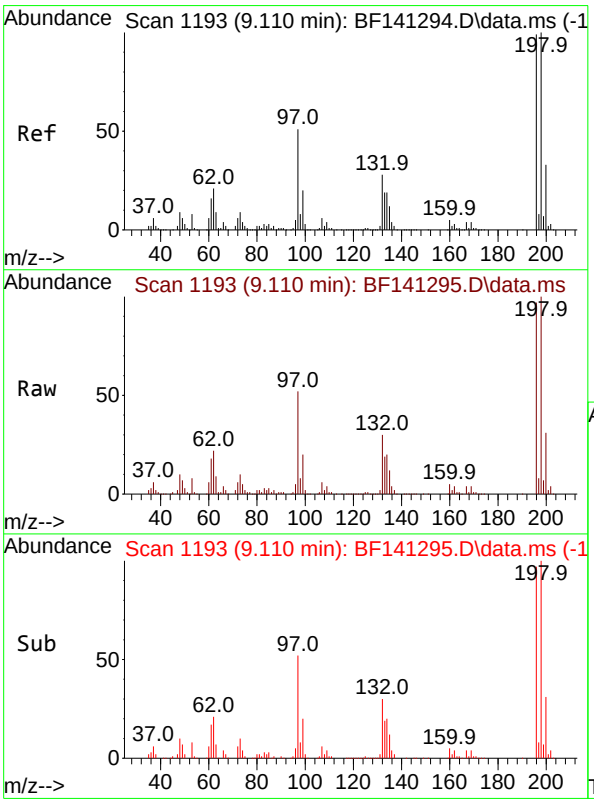
Ion	Ratio	Lower	Upper
196	100		
198	100.5	81.8	122.6
200	32.1	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

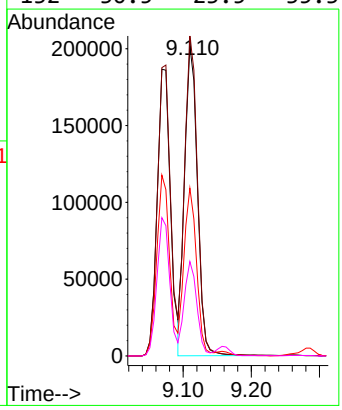
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

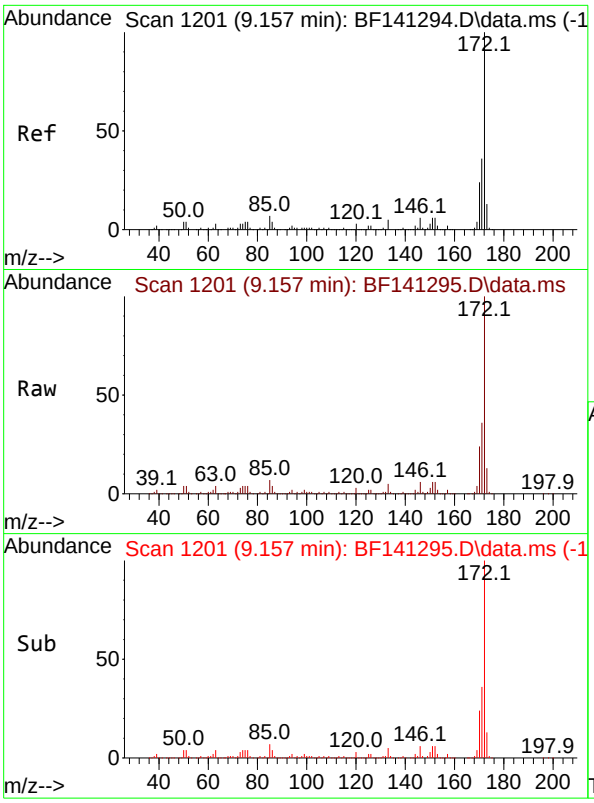


#44
2,4,5-Trichlorophenol
Concen: 48.438 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:196 Resp: 263745

Ion	Ratio	Lower	Upper
196	100		
198	103.2	80.5	120.7
97	54.1	42.8	64.2
132	30.5	23.5	35.3

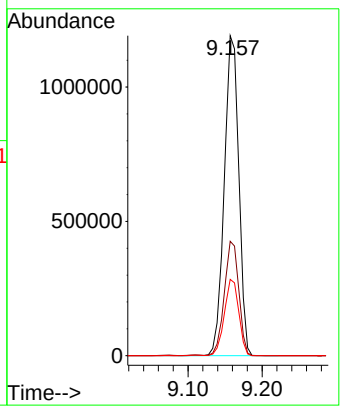




#45
2-Fluorobiphenyl
Concen: 92.721 ng
RT: 9.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:172 Resp: 162082

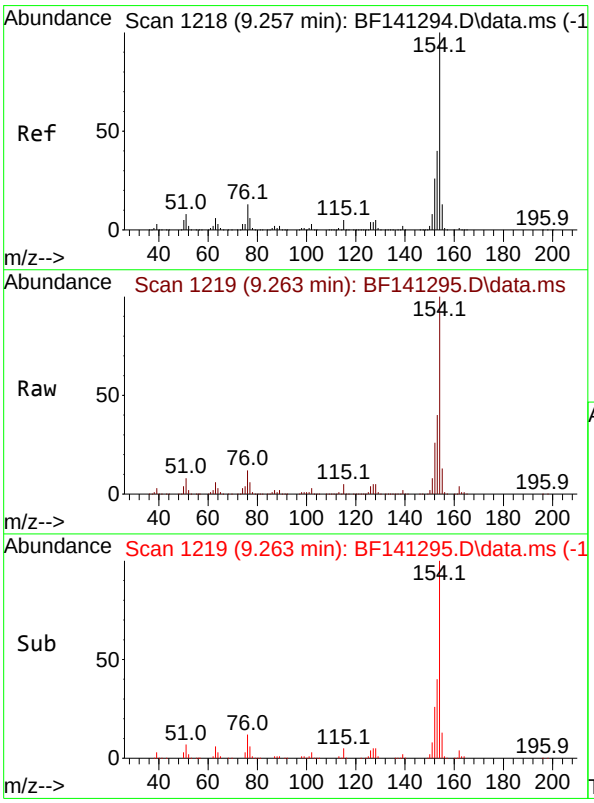
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.8	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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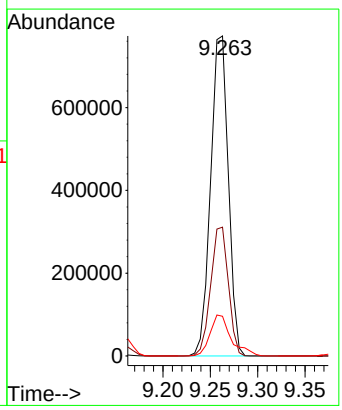
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

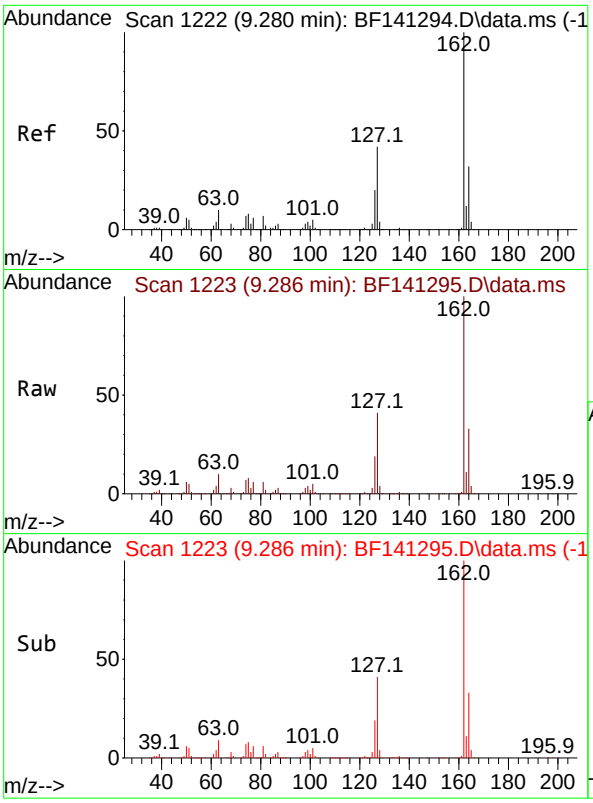


#46
1,1'-Biphenyl
Concen: 47.808 ng
RT: 9.263 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 1005774

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.0	60.0
76	12.4	0.0	32.8

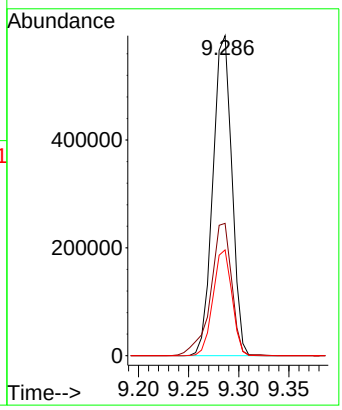




#47
2-Chloronaphthalene
Concen: 47.835 ng
RT: 9.286 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:162 Resp: 78161

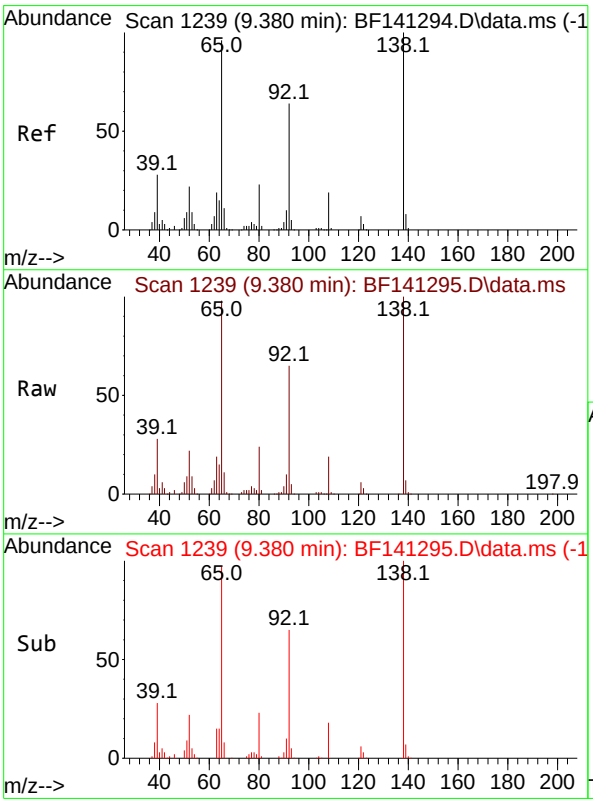
Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.7	50.5
164	33.0	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

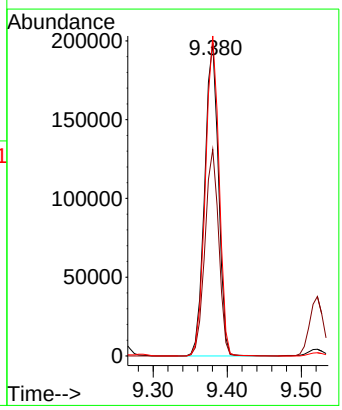
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

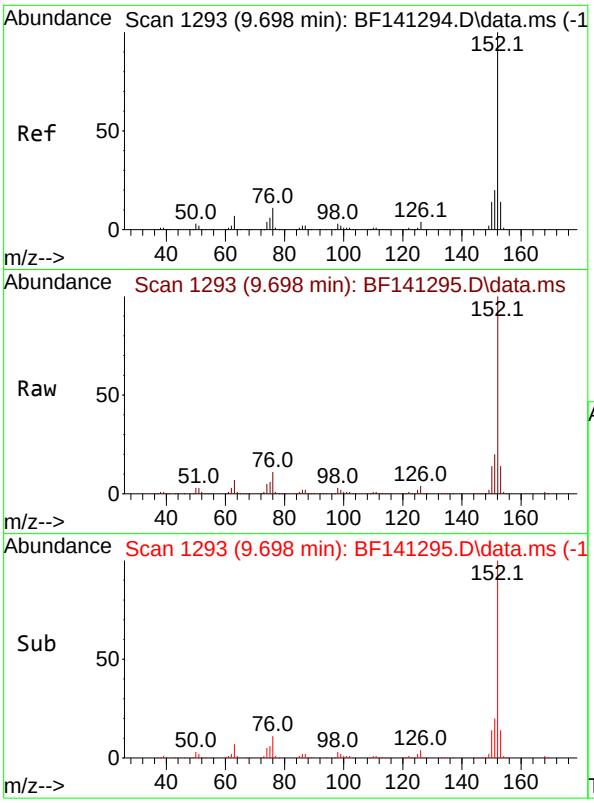


#48
2-Nitroaniline
Concen: 49.907 ng
RT: 9.380 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 65 Resp: 257199

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.3	79.9
138	102.3	83.6	125.4

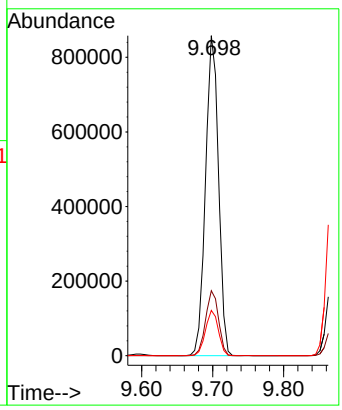




#49
Acenaphthylene
Concen: 47.595 ng
RT: 9.698 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:152 Resp: 109223

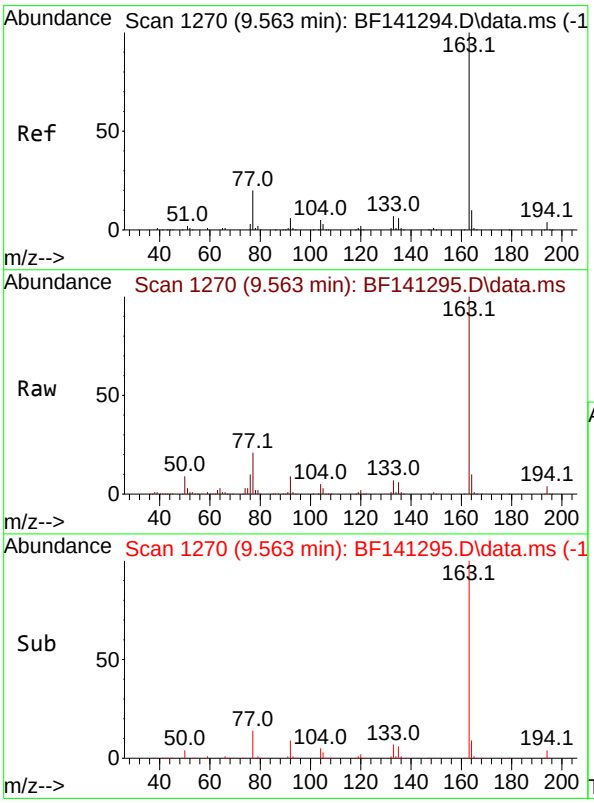
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.2	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

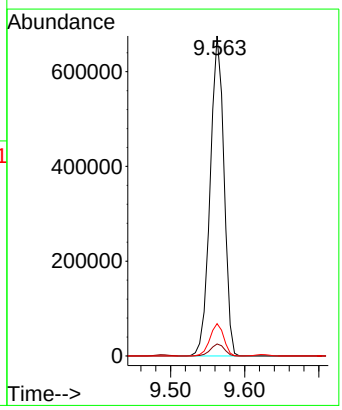
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

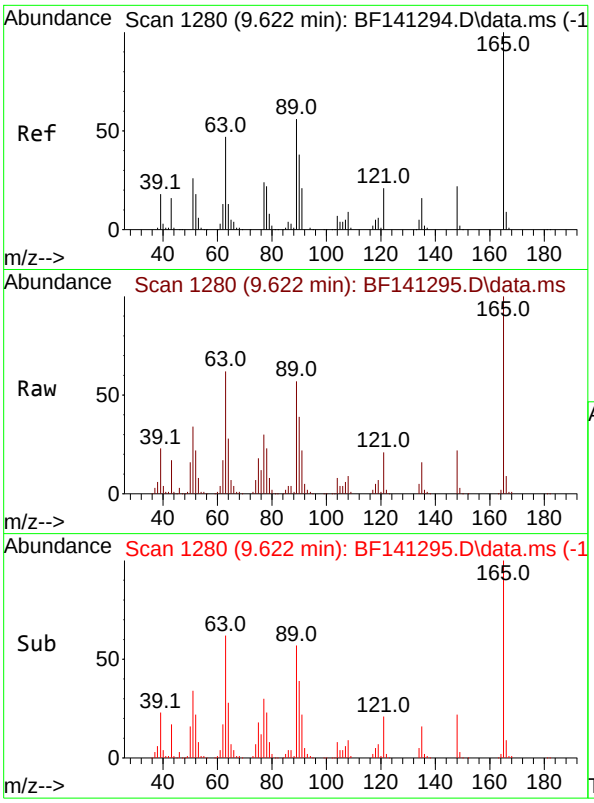


#50
Dimethylphthalate
Concen: 48.419 ng
RT: 9.563 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:163 Resp: 875569

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.0	12.0

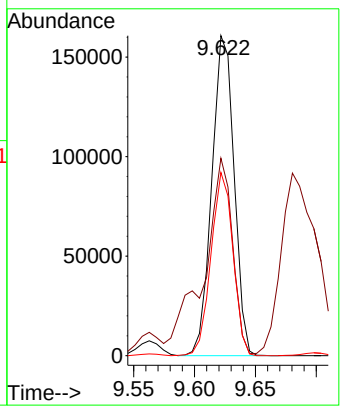




#51
2,6-Dinitrotoluene
Concen: 48.697 ng
RT: 9.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:165 Resp: 20491

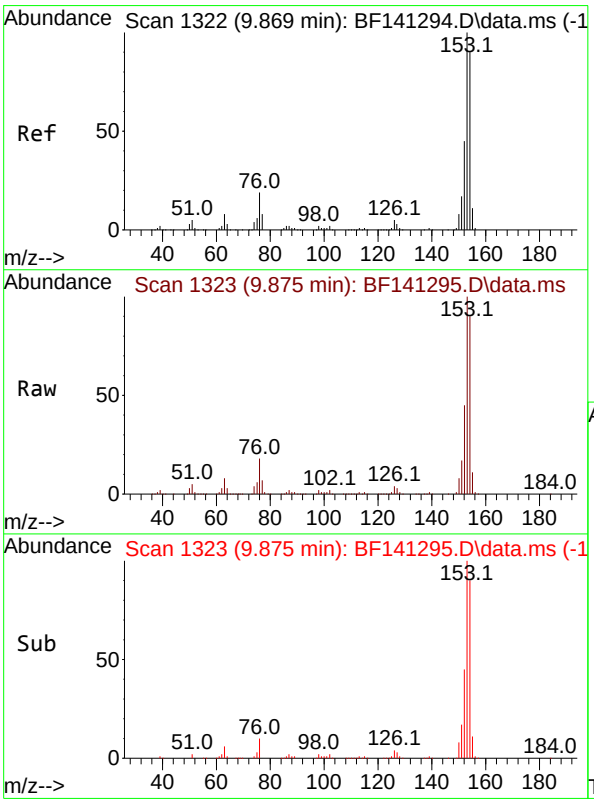
Ion	Ratio	Lower	Upper
165	100		
63	61.7	48.1	72.1
89	57.3	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

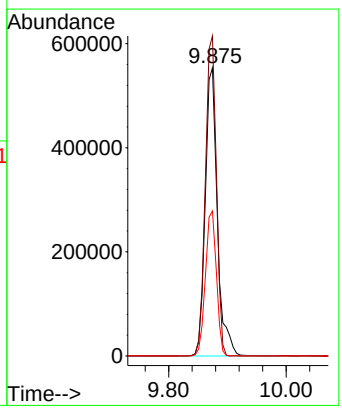
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

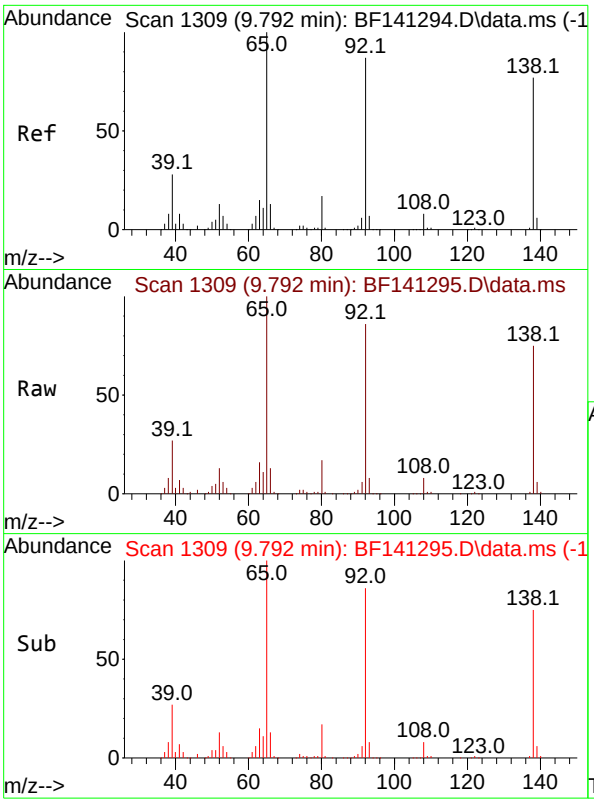


#52
Acenaphthene
Concen: 48.322 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 789039

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	50.3	40.2	60.4





#53
3-Nitroaniline
Concen: 47.528 ng
RT: 9.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

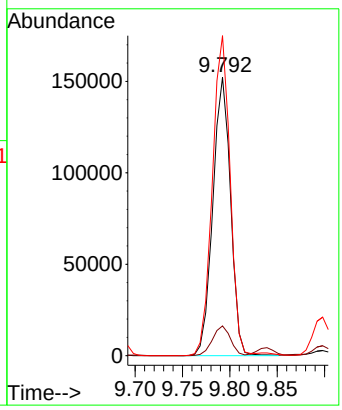
Tgt Ion:138 Resp: 19783

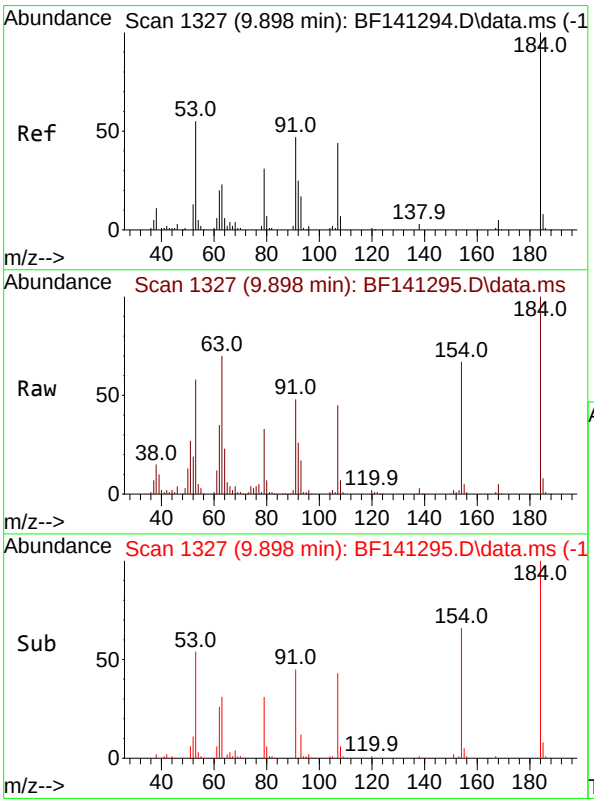
Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	115.0	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

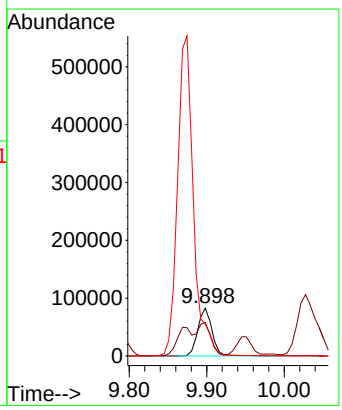


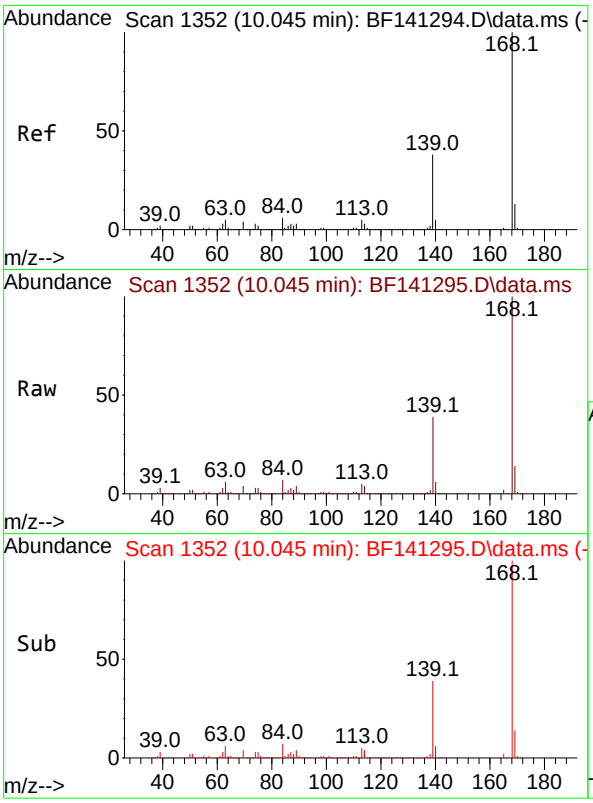


#54
2,4-Dinitrophenol
Concen: 53.096 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:184 Resp: 105313

Ion	Ratio	Lower	Upper
184	100		
63	70.3	54.1	81.1
154	66.8	50.7	76.1

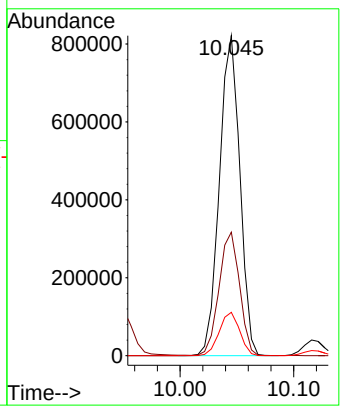




#55
Dibenzofuran
Concen: 47.082 ng
RT: 10.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:168 Resp: 102818

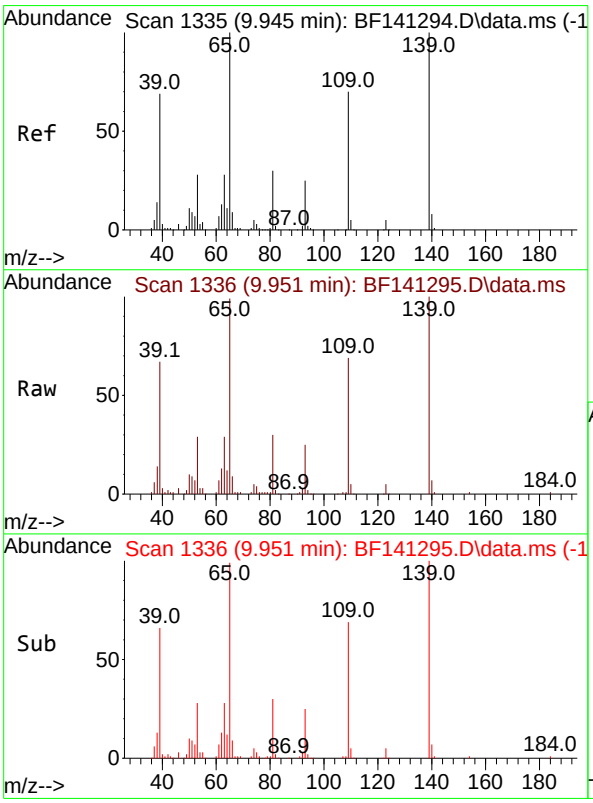
Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	46.0
169	13.6	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

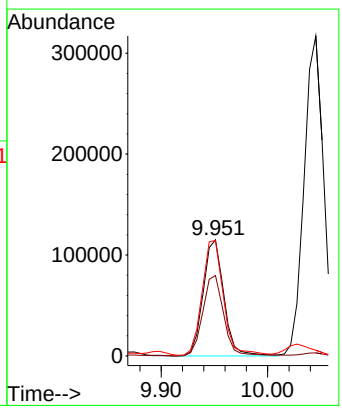
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

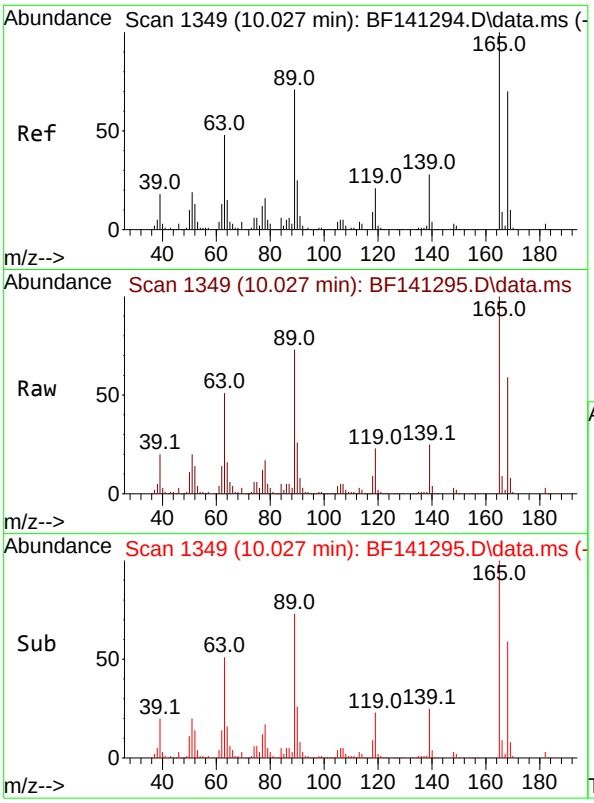


#56
4-Nitrophenol
Concen: 52.067 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 155594

Ion	Ratio	Lower	Upper
139	100		
109	69.3	50.2	90.2
65	99.5	80.6	120.6

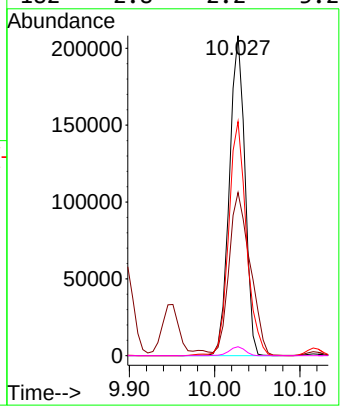




#57
2,4-Dinitrotoluene
Concen: 48.700 ng
RT: 10.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:165 Resp: 26432

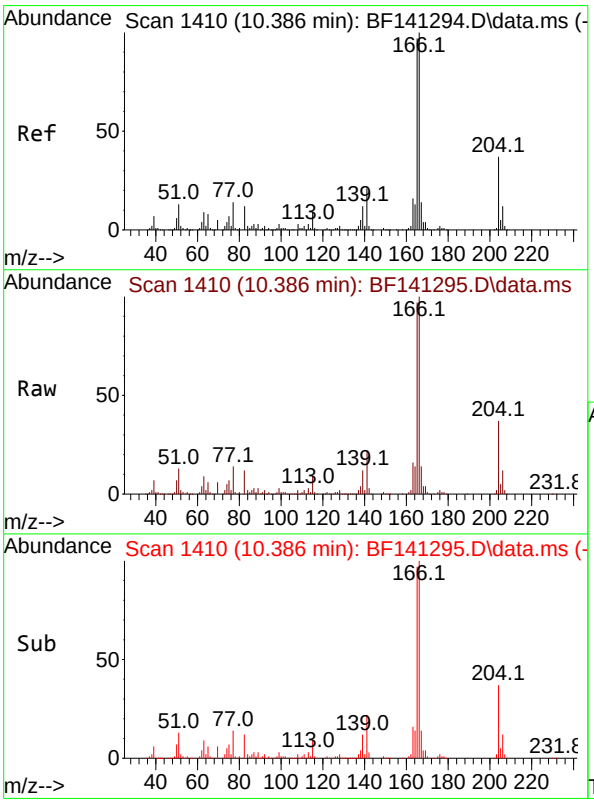
Ion	Ratio	Lower	Upper
165	100		
63	51.0	39.2	58.8
89	73.1	56.9	85.3
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

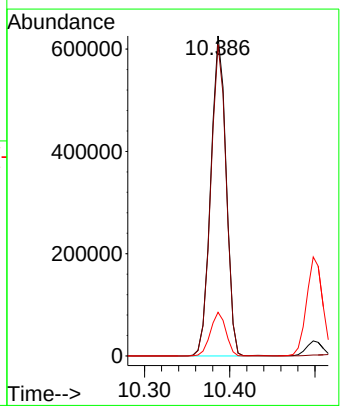
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

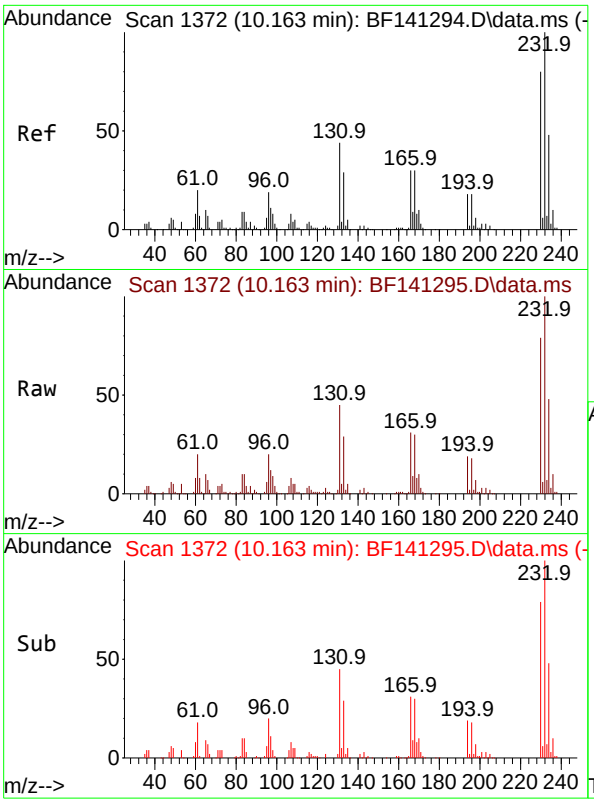


#58
Fluorene
Concen: 46.215 ng
RT: 10.386 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:166 Resp: 784644

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.5	116.3
167	13.6	10.9	16.3

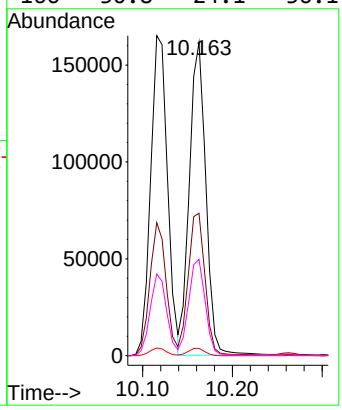




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.772 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:232 Resp: 20550

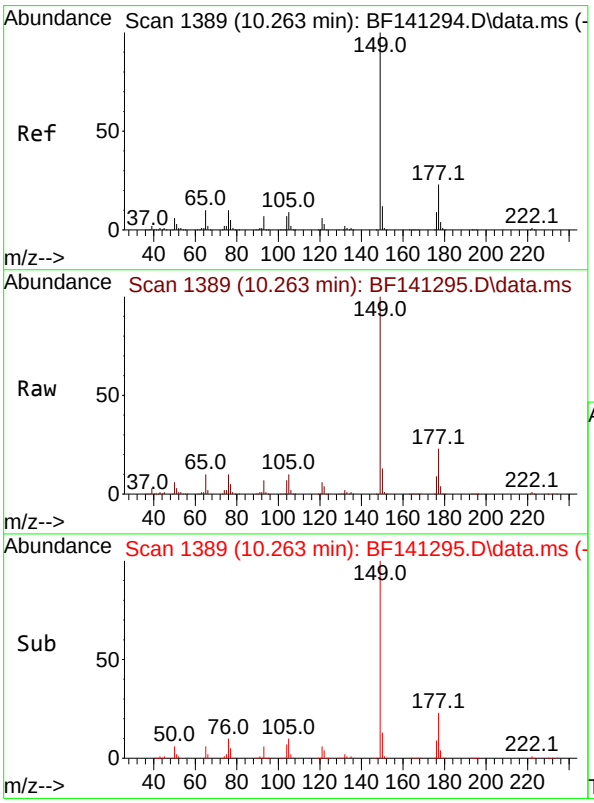
Ion	Ratio	Lower	Upper
232	100		
131	46.9	36.4	54.6
130	2.4	1.9	2.9
166	30.8	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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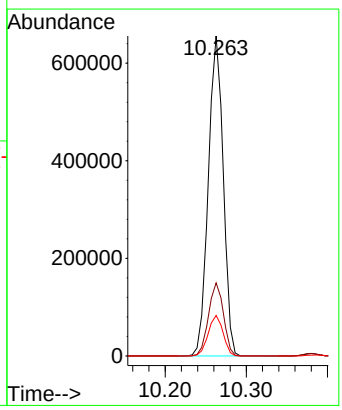
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

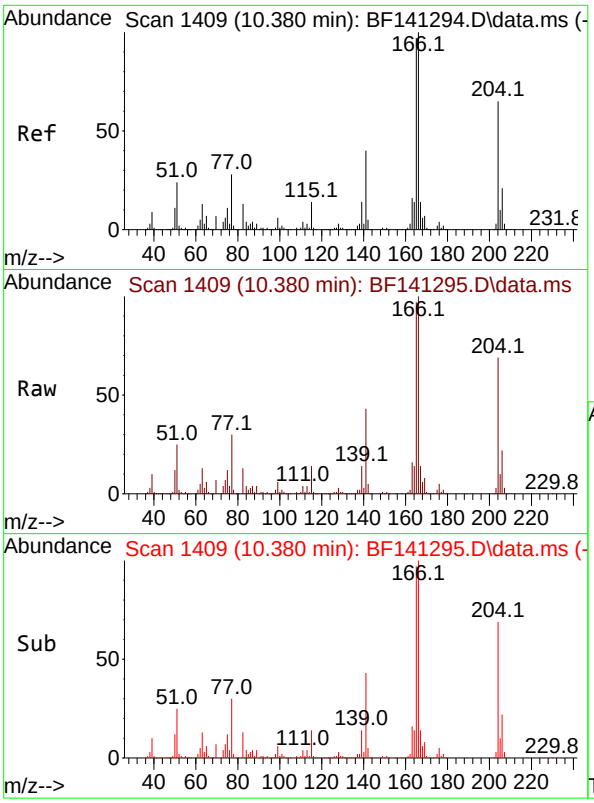


#60
Diethylphthalate
Concen: 47.668 ng
RT: 10.263 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 834803

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.7	10.0	15.0

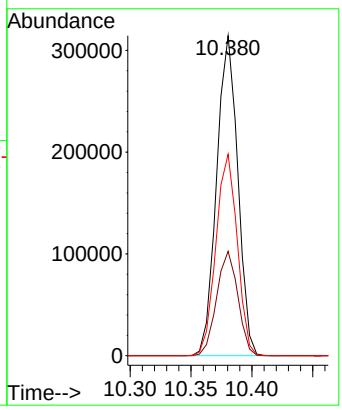




#61
4-Chlorophenyl-phenylether
Concen: 45.976 ng
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:204 Resp: 380948

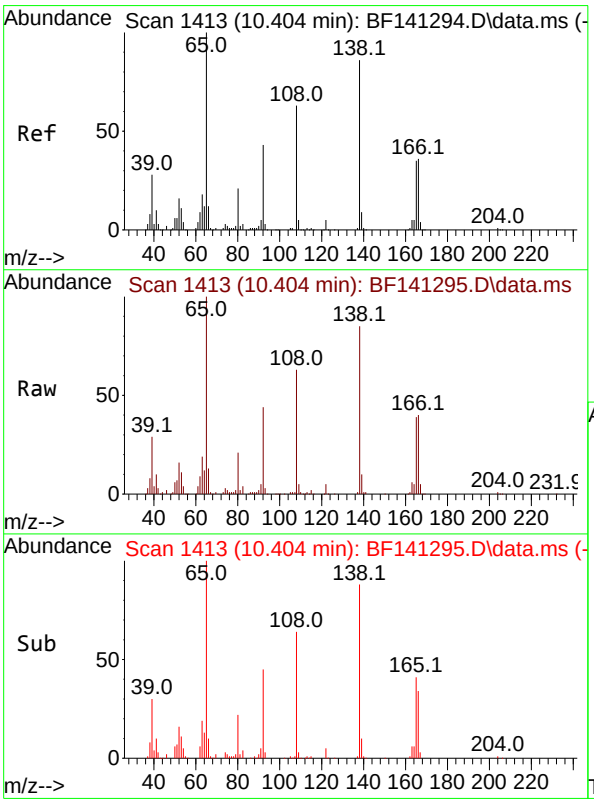
Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	62.9	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

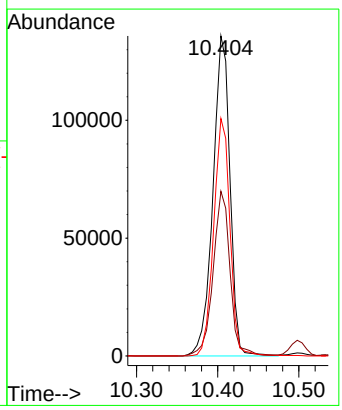
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

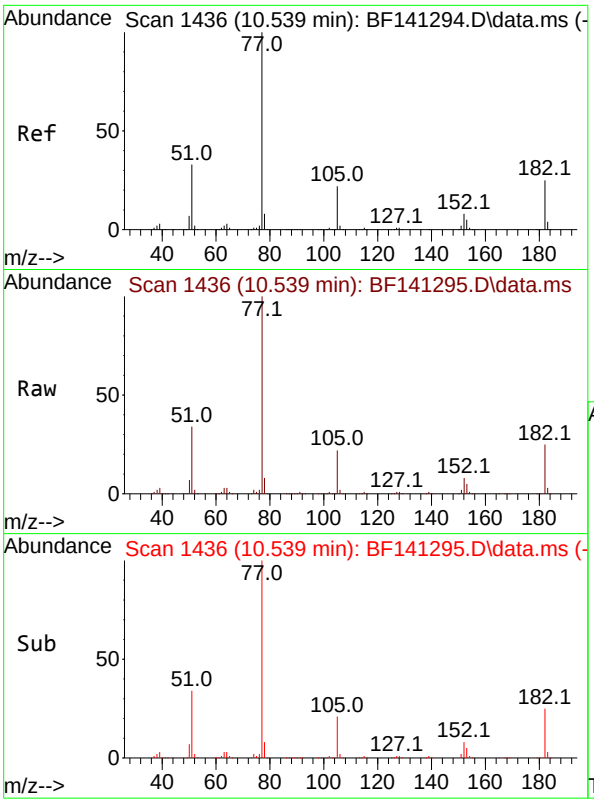


#62
4-Nitroaniline
Concen: 49.579 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:138 Resp: 198241

Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.1	70.1
108	74.2	53.1	93.1

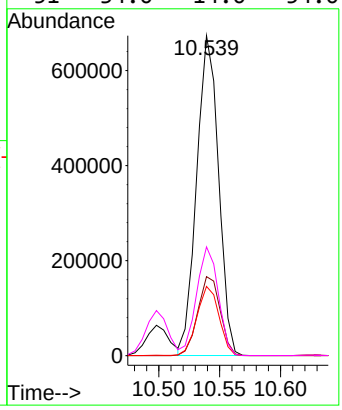




#63
Azobenzene
Concen: 47.955 ng
RT: 10.539 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 77 Resp: 84179

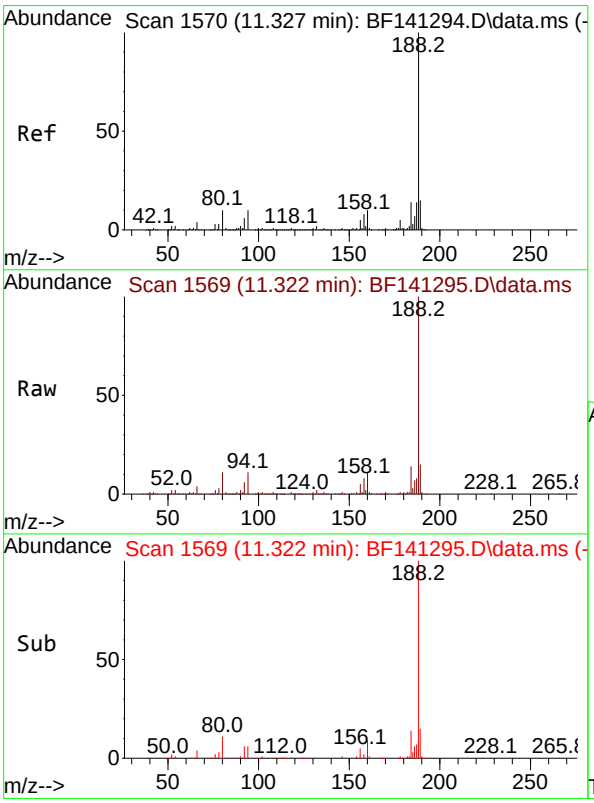
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.1	45.1
105	21.7	1.8	41.8
51	34.0	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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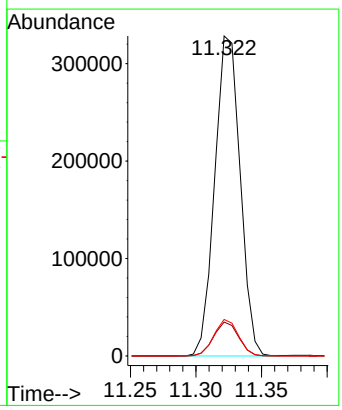
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

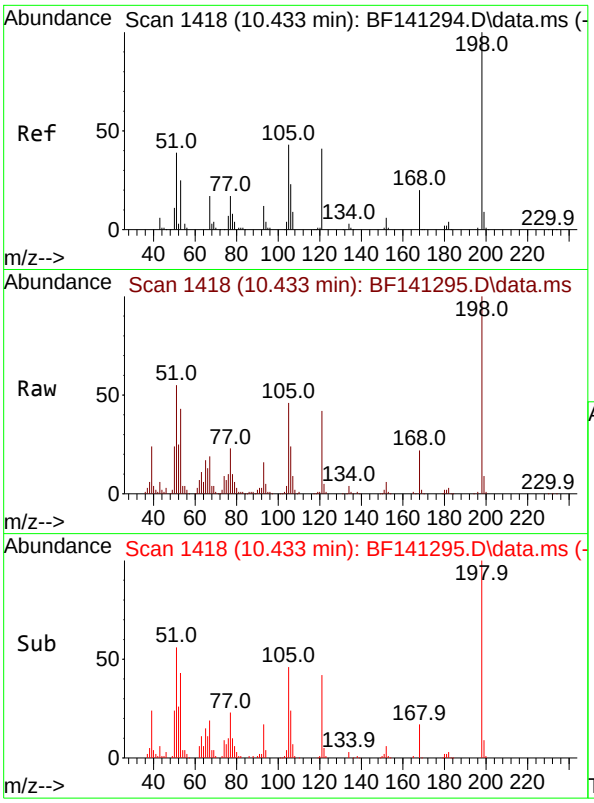


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:188 Resp: 442506

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.4	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 54.710 ng
RT: 10.433 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

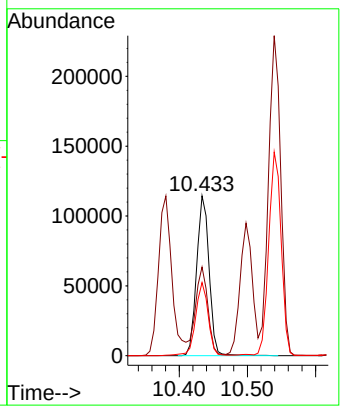
Tgt Ion:198 Resp: 14457

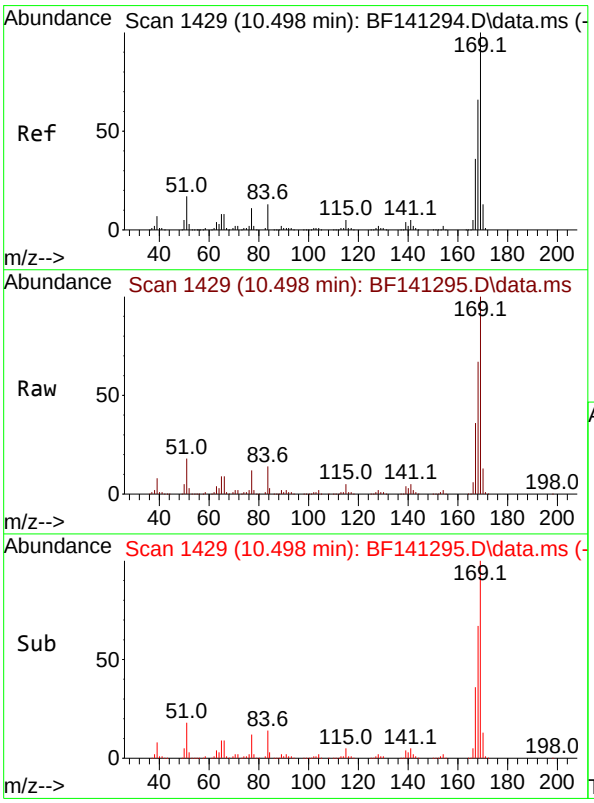
Ion	Ratio	Lower	Upper
198	100		
51	55.4	33.4	73.4
105	45.8	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

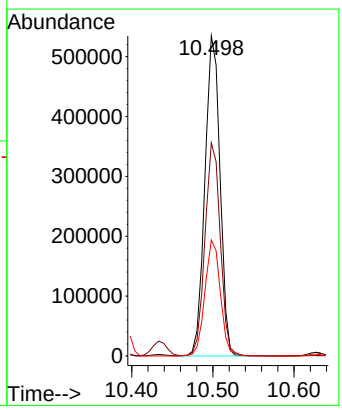


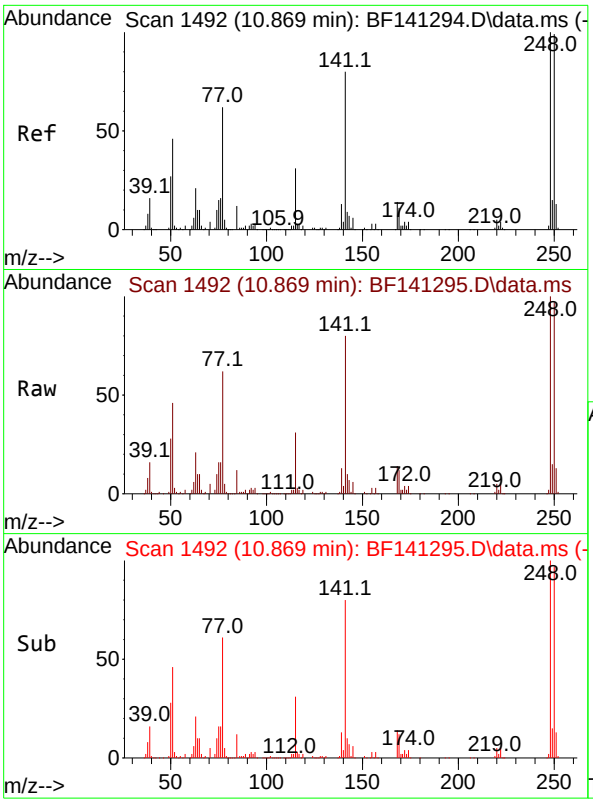


#66
n-Nitrosodiphenylamine
Concen: 47.968 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:169 Resp: 688202

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.2	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 48.745 ng
RT: 10.869 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

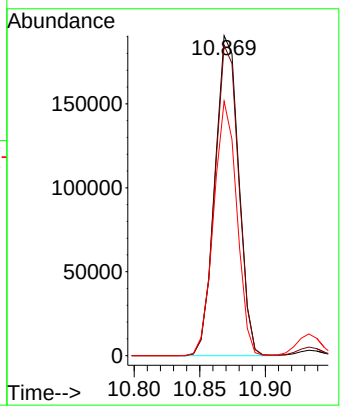
Tgt Ion:248 Resp: 24112

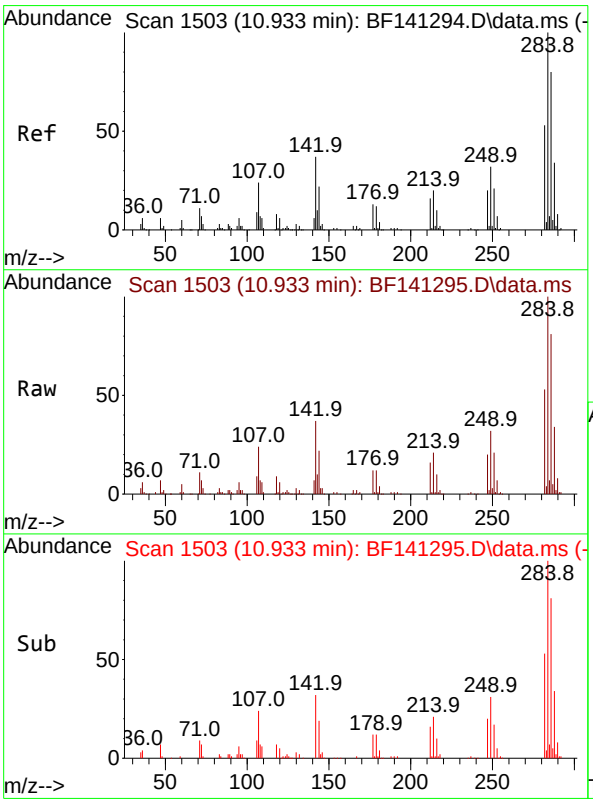
Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.4
141	79.5	63.7	95.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

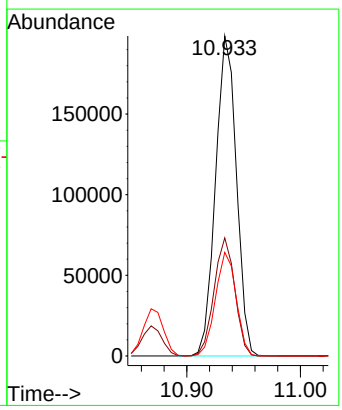


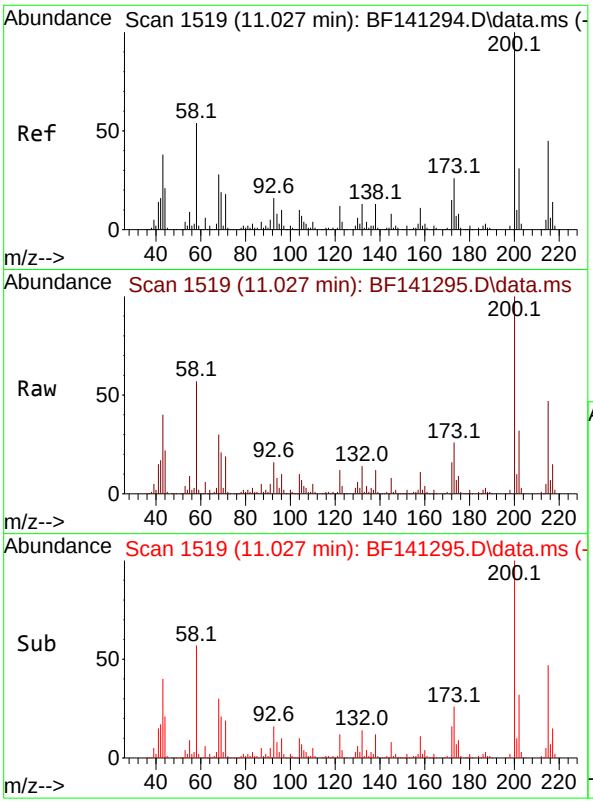


#68
Hexachlorobenzene
Concen: 48.250 ng
RT: 10.933 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:284 Resp: 253174

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.5	44.3
249	32.3	25.4	38.2

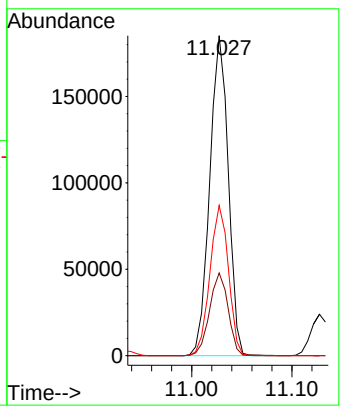




#69
Atrazine
Concen: 49.457 ng
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:200 Resp: 23799

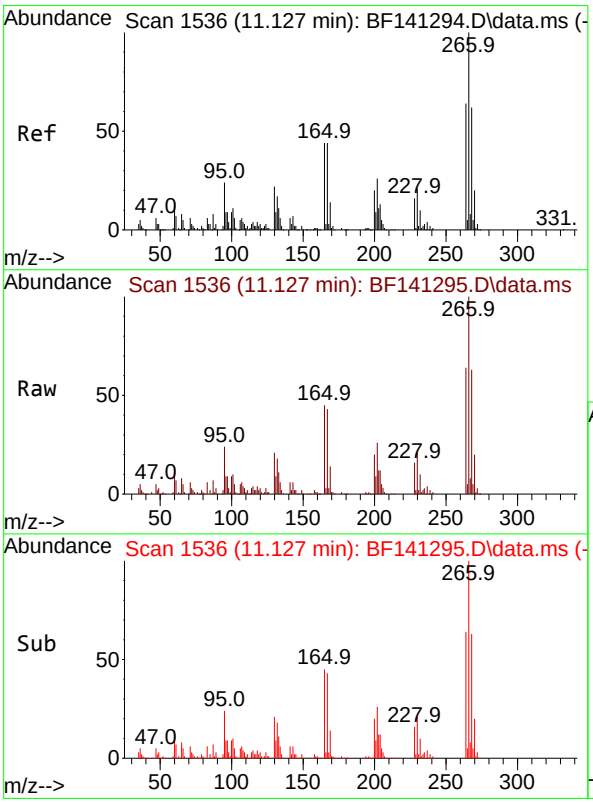
Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	46.9	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
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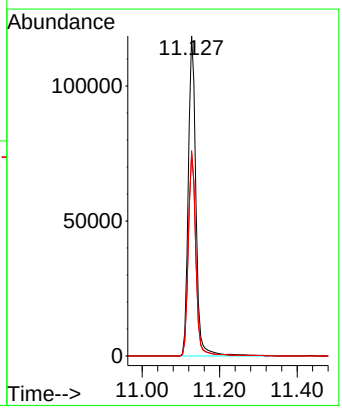
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

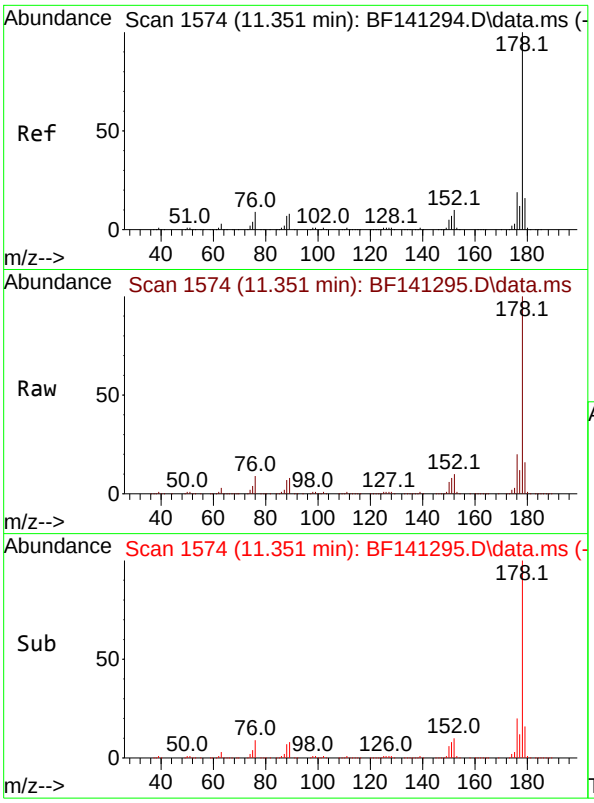


#70
Pentachlorophenol
Concen: 52.515 ng
RT: 11.127 min Scan# 1536
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:266 Resp: 161568

Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.9	74.9
264	64.1	51.0	76.4

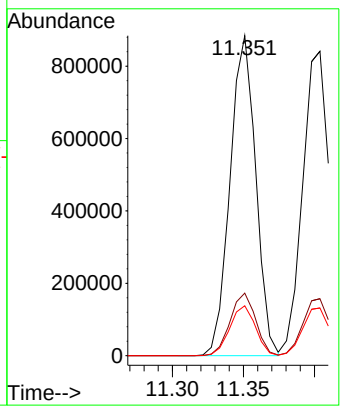




#71
Phenanthrene
Concen: 46.903 ng
RT: 11.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:178 Resp: 111492

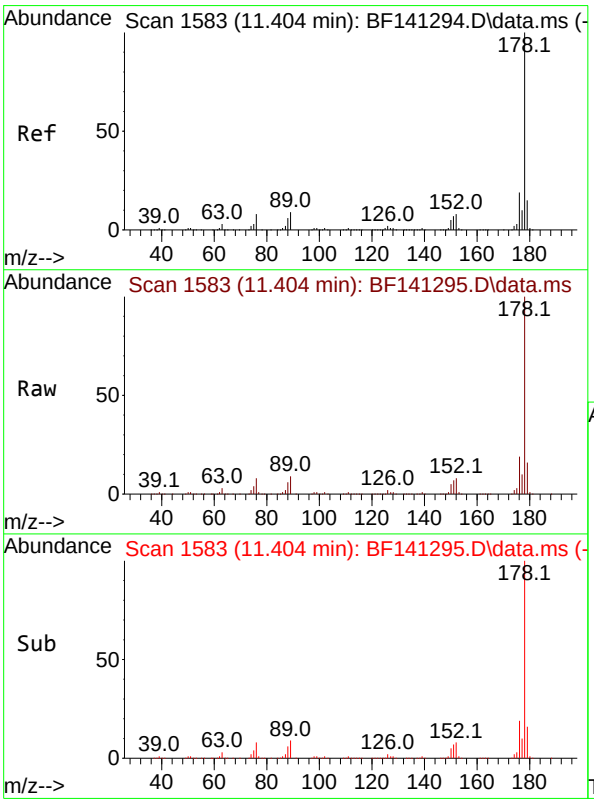
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

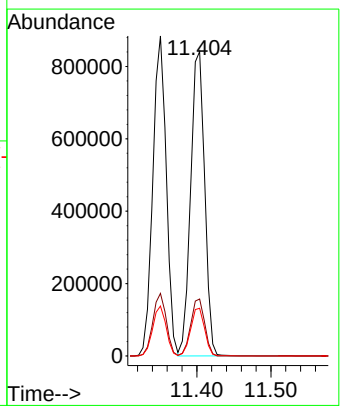
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

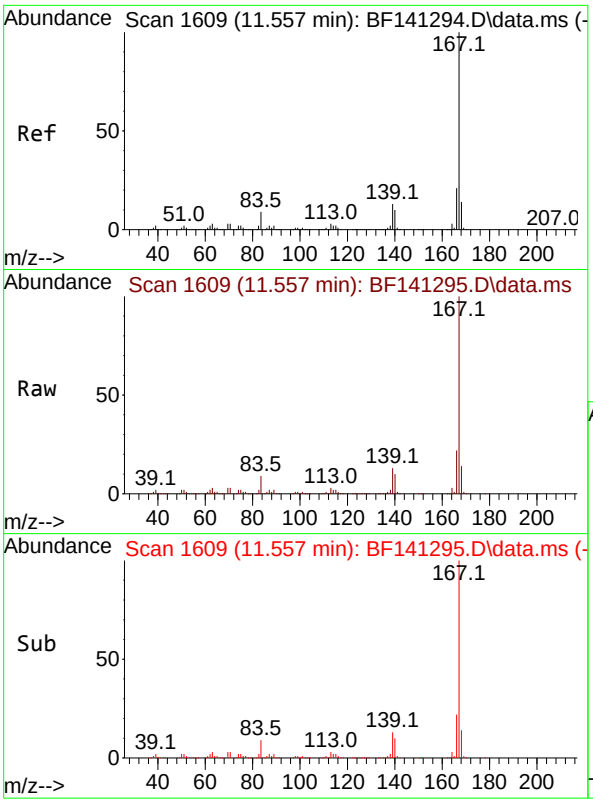


#72
Anthracene
Concen: 47.686 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:178 Resp: 1105681

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5

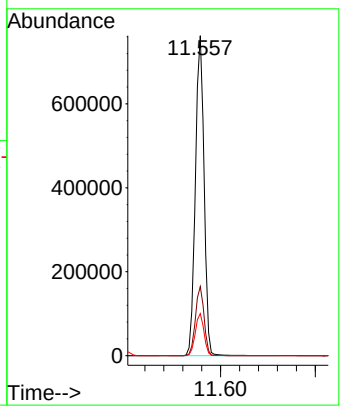




#73
Carbazole
Concen: 47.304 ng
RT: 11.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:167 Resp: 97154

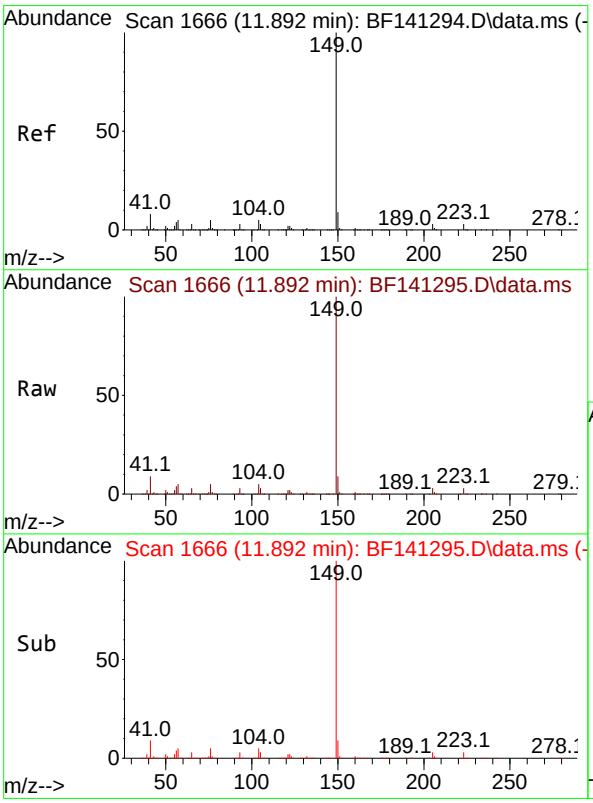
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

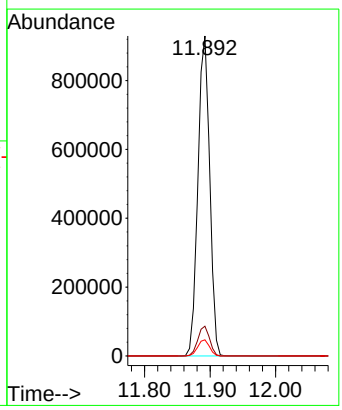
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

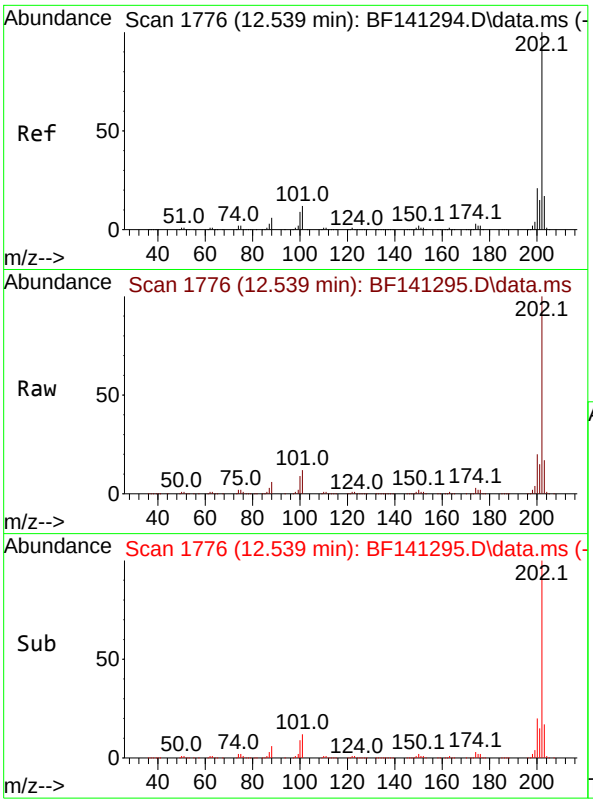


#74
Di-n-butylphthalate
Concen: 46.961 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 1162607

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

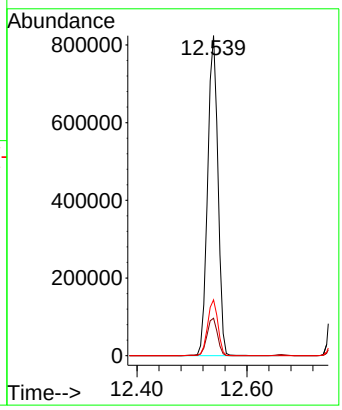




#75
Fluoranthene
Concen: 45.923 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:202 Resp: 106551

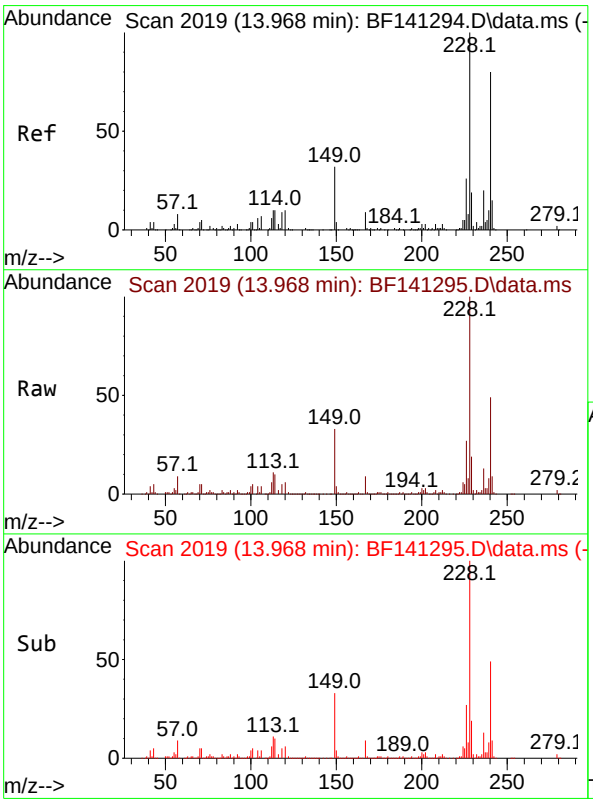
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.5	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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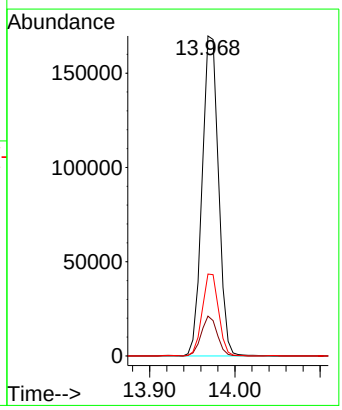
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

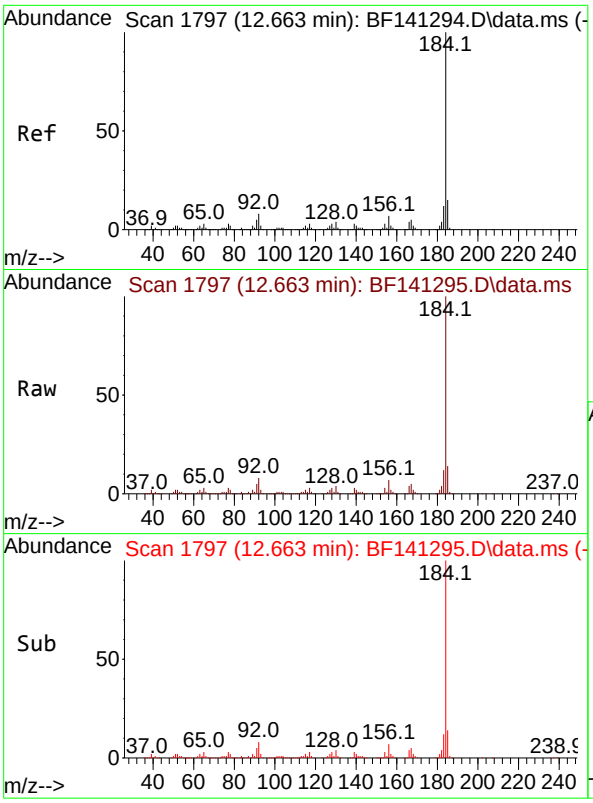


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:240 Resp: 226571

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.6	19.7	29.5

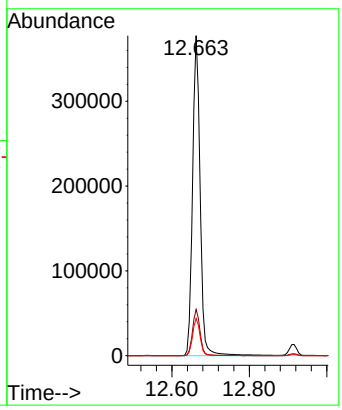




#77
Benzidine
Concen: 74.515 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:184 Resp: 51335

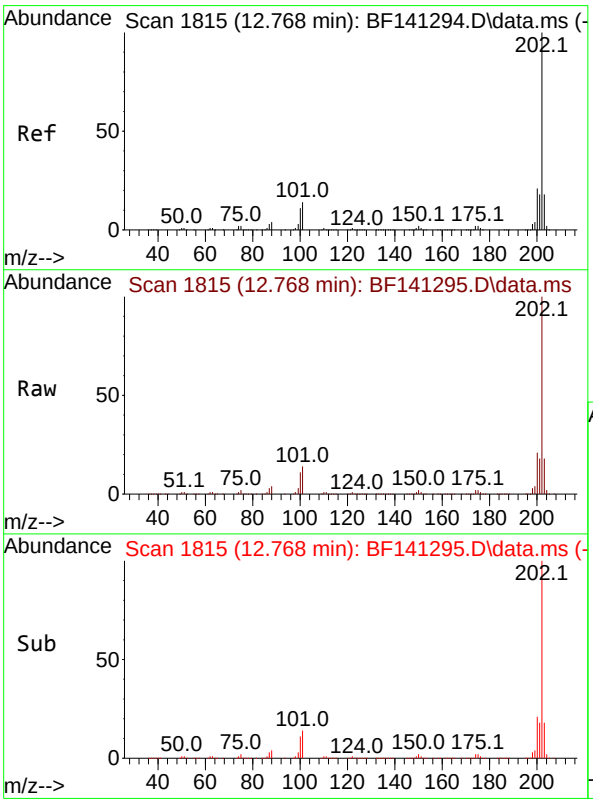
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.7	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

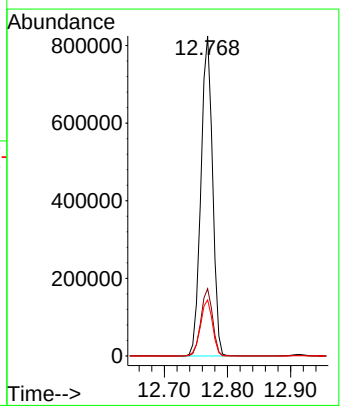
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

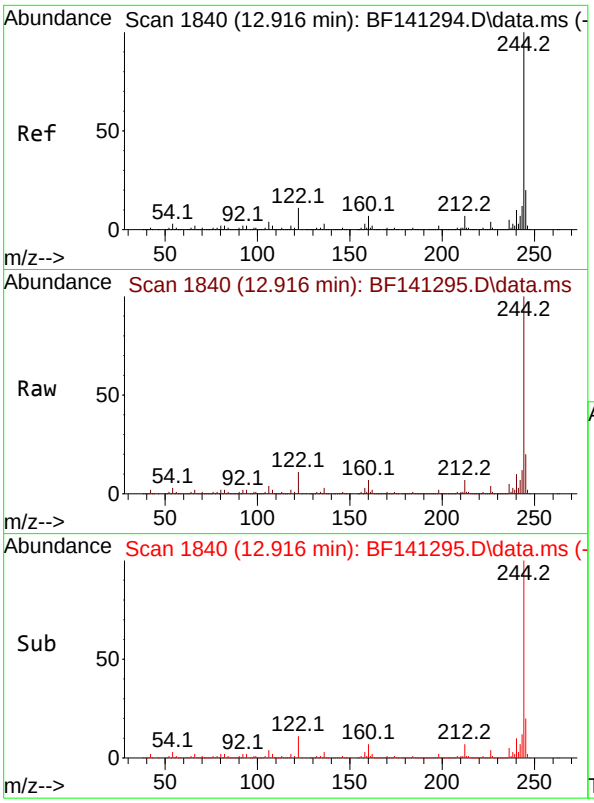


#78
Pyrene
Concen: 48.410 ng
RT: 12.768 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:202 Resp: 1059044

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.3	21.5

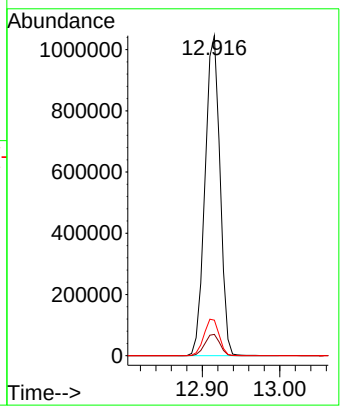




#79
Terphenyl-d14
Concen: 95.222 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:244 Resp: 140210

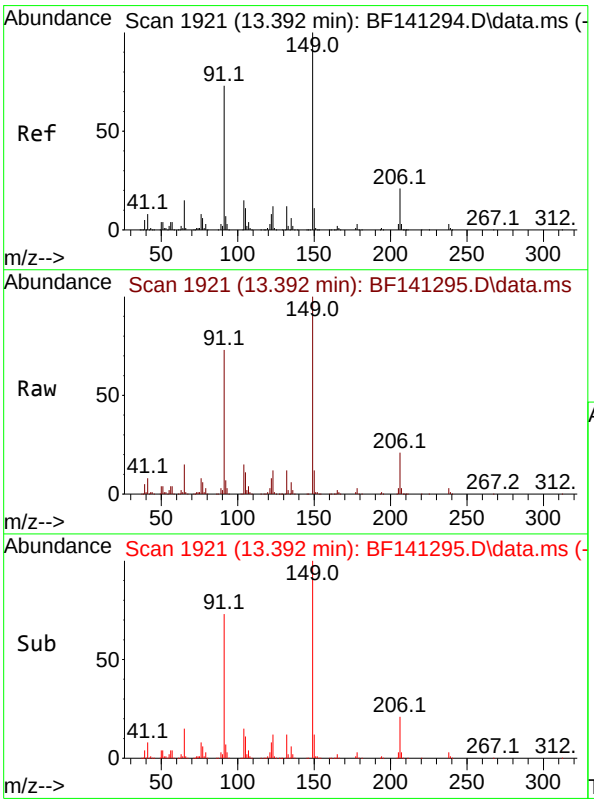
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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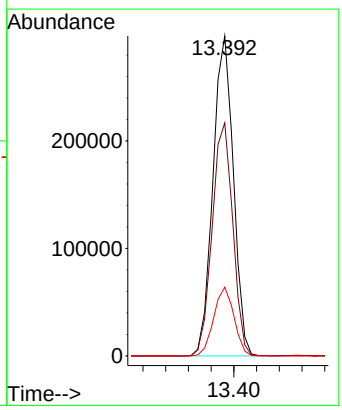
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

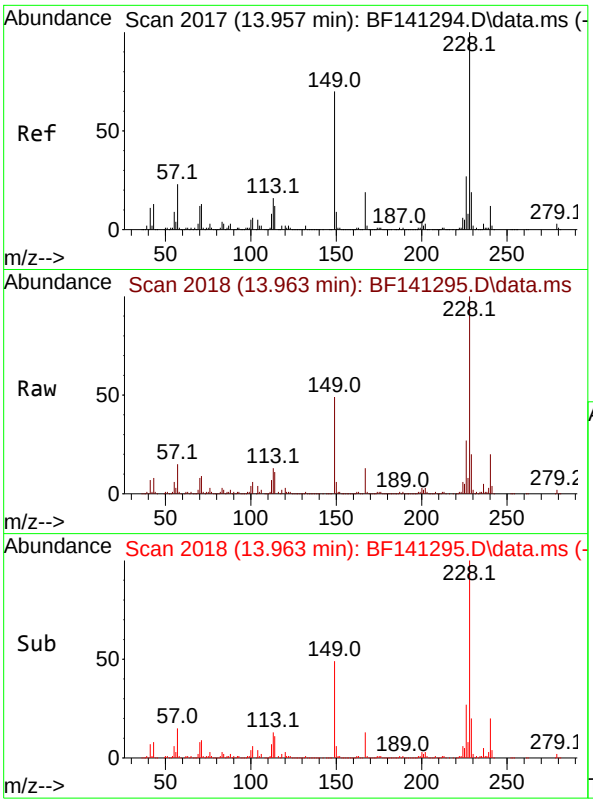


#80
Butylbenzylphthalate
Concen: 49.222 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 371889

Ion	Ratio	Lower	Upper
149	100		
91	72.9	58.6	87.8
206	21.5	16.7	25.1

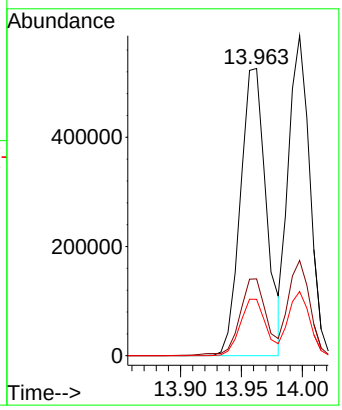




#81
Benzo(a)anthracene
Concen: 50.158 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:228 Resp: 77892

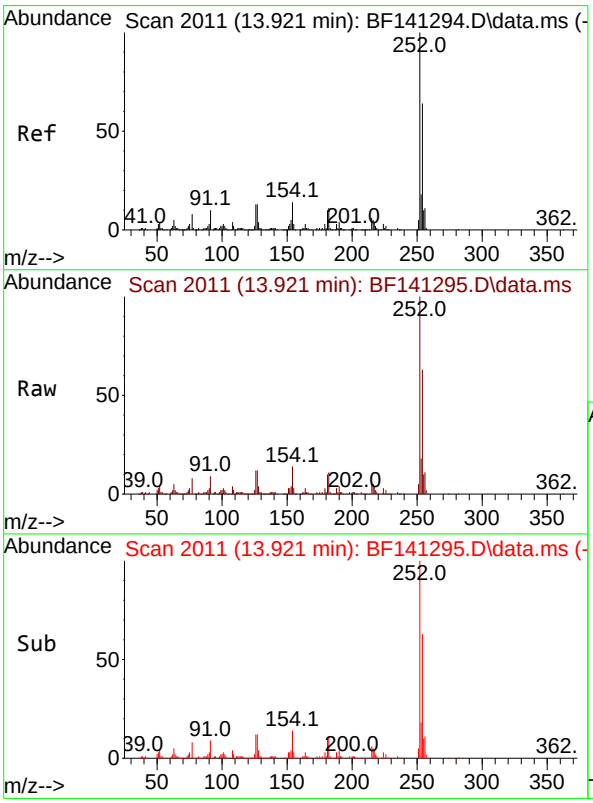
Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.2
229	19.6	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

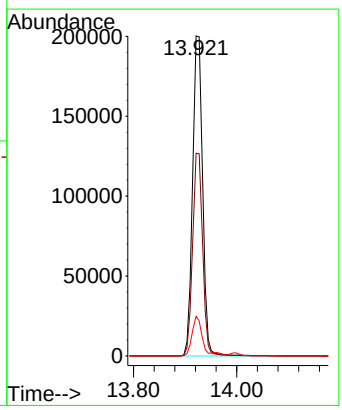
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

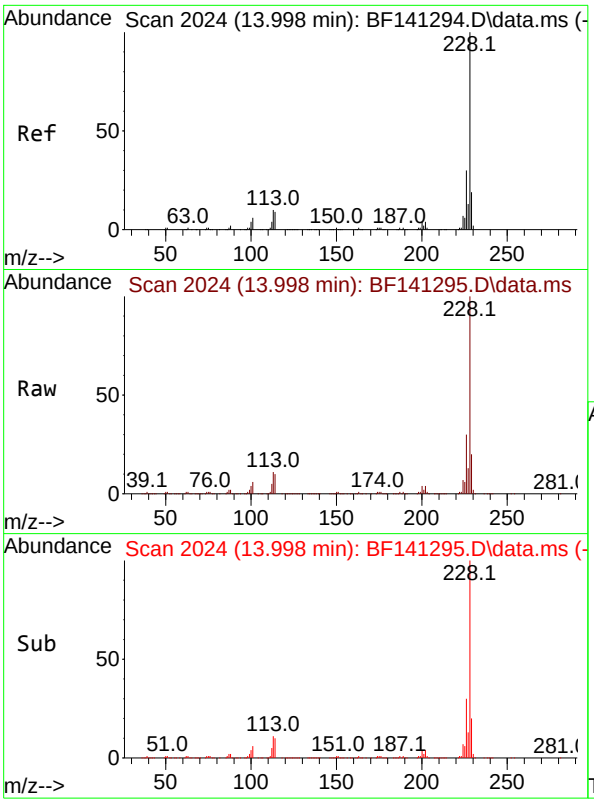


#82
3,3'-Dichlorobenzidine
Concen: 55.645 ng
RT: 13.921 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 270572

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	12.4	10.0	15.0

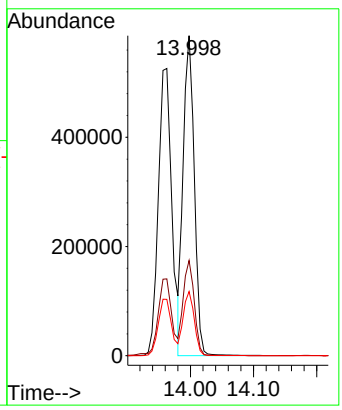




#83
Chrysene
Concen: 49.829 ng
RT: 13.998 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:228 Resp: 71756

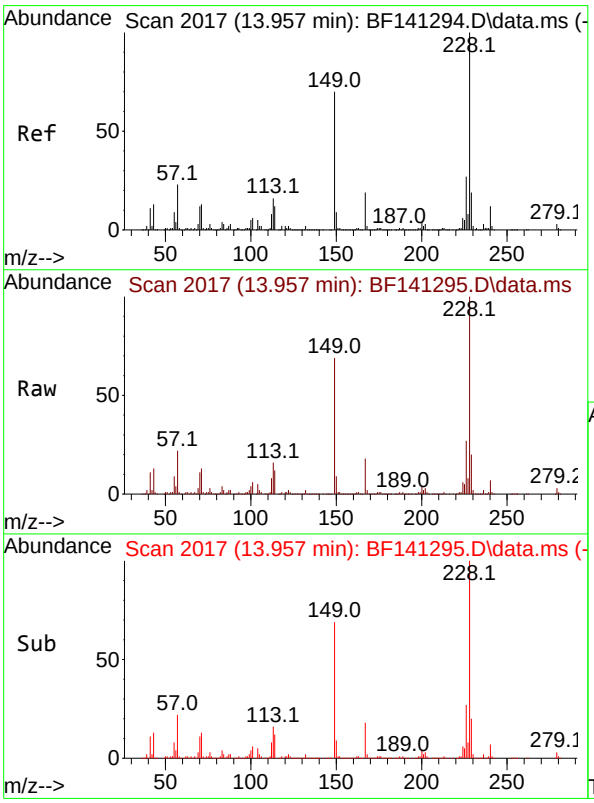
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	20.1	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

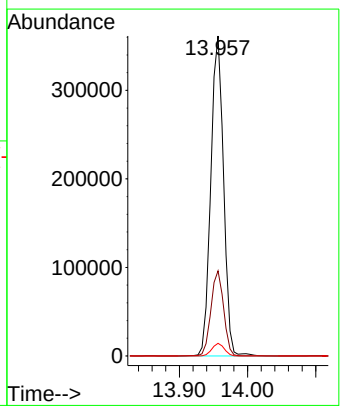
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

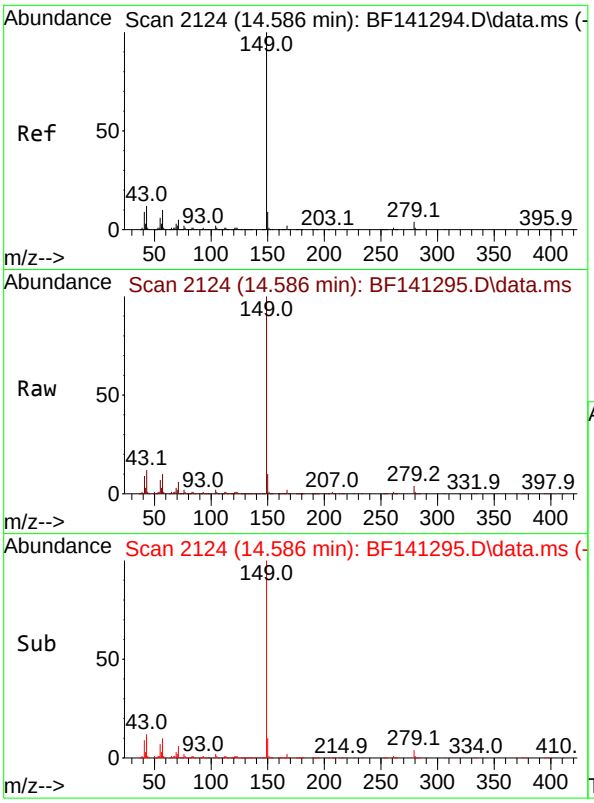


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.620 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 470441

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.9	3.3	4.9

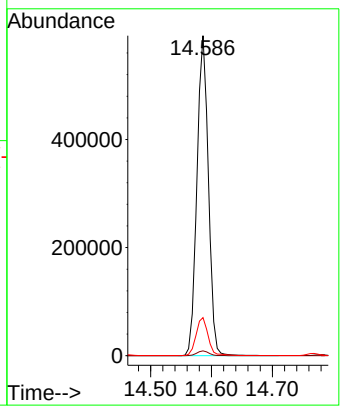




#85
Di-n-octyl phthalate
Concen: 52.127 ng
RT: 14.586 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 77303

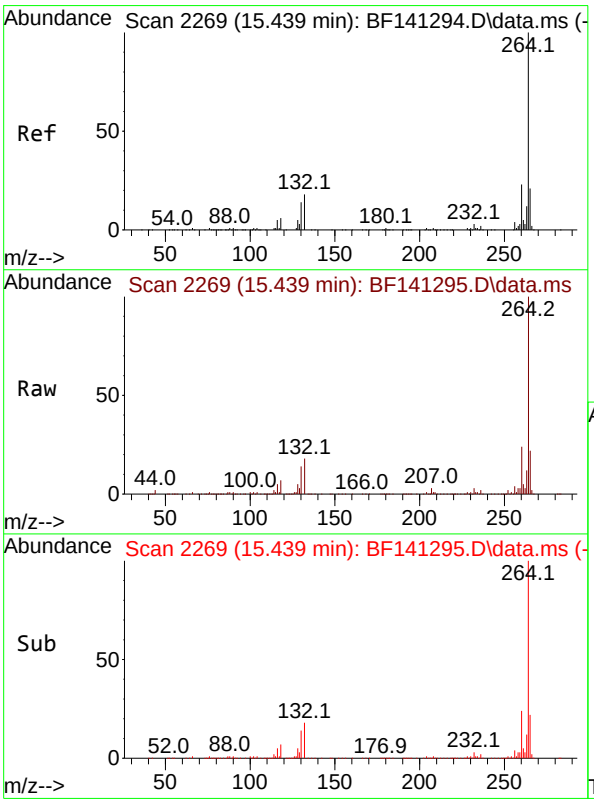
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.4	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

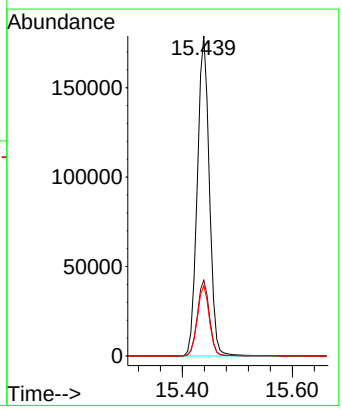
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

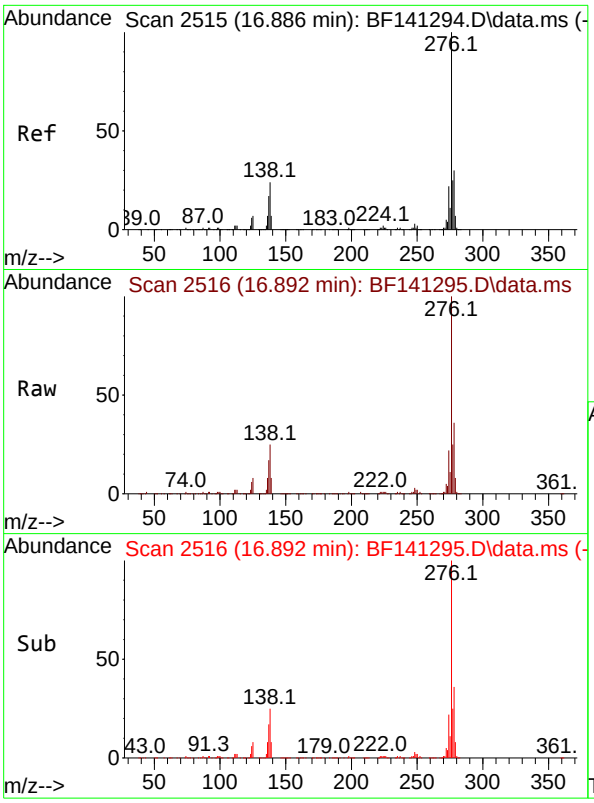


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:264 Resp: 272084

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	16.7	25.1

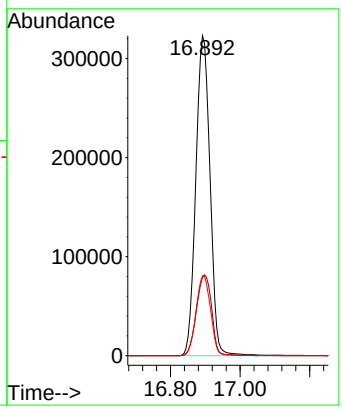




#87
Indeno(1,2,3-cd)pyrene
Concen: 51.584 ng
RT: 16.892 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:276 Resp: 91671

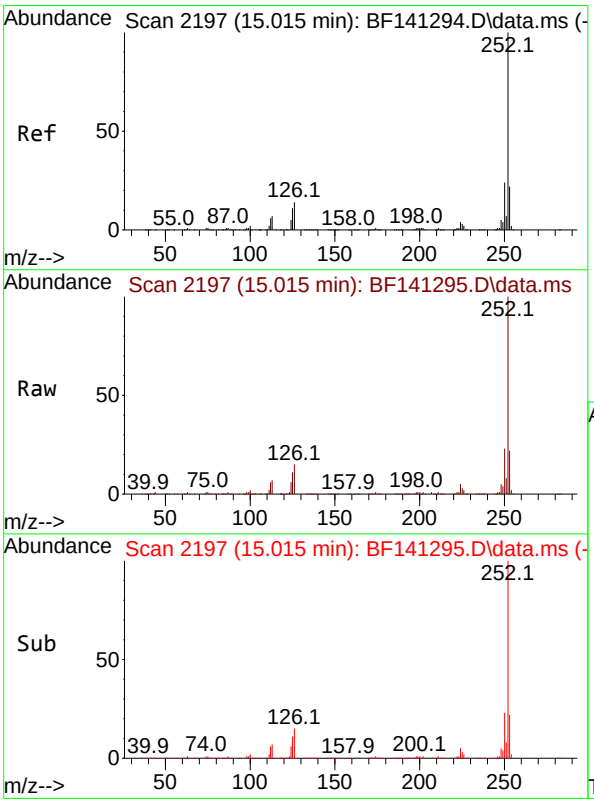
Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.7	32.5
277	25.5	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

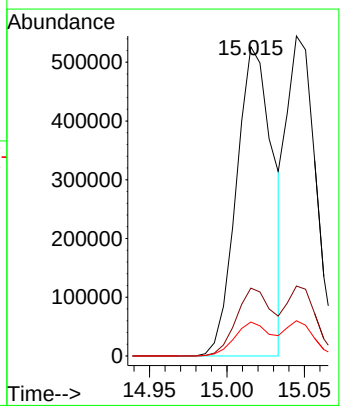
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

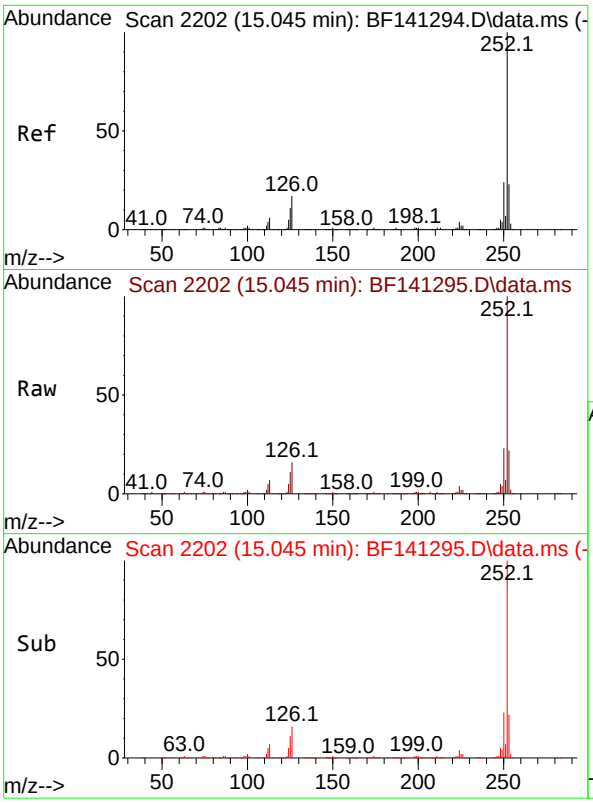


#88
Benzo(b)fluoranthene
Concen: 50.916 ng
RT: 15.015 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 860351

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.0	8.6	12.8

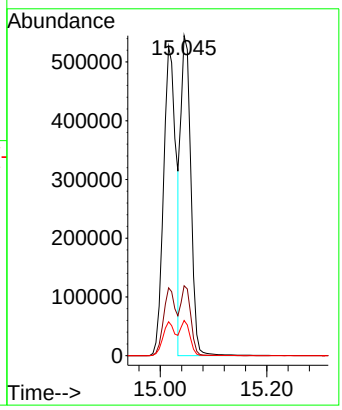




#89
Benzo(k)fluoranthene
Concen: 47.153 ng
RT: 15.045 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 71350

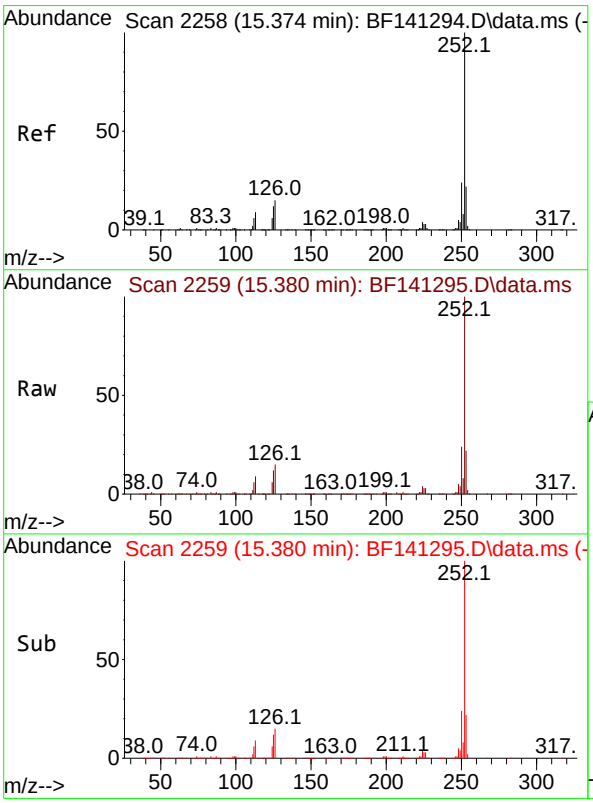
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

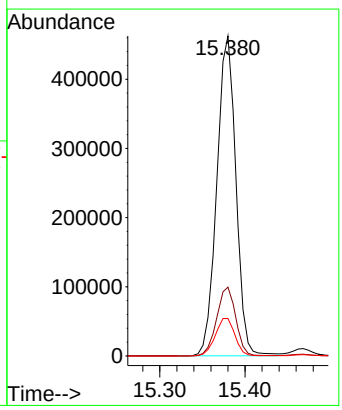
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

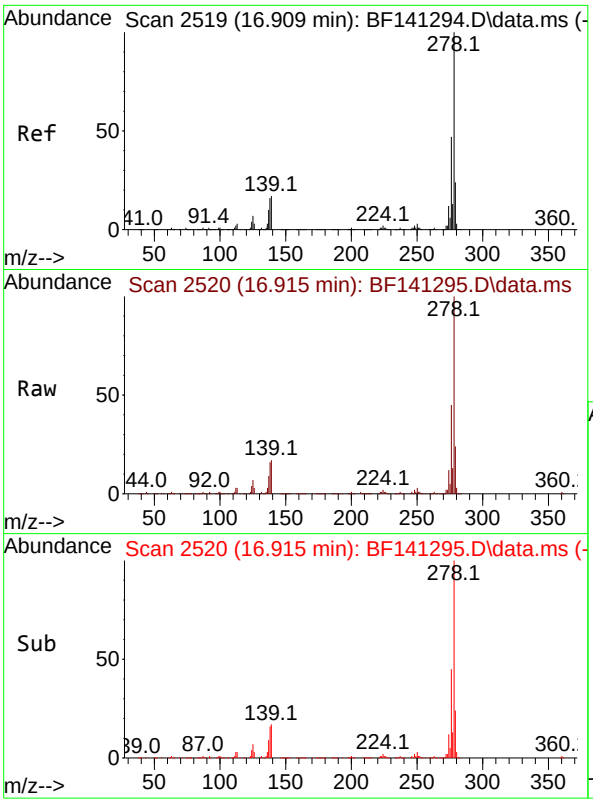


#90
Benzo(a)pyrene
Concen: 49.985 ng
RT: 15.380 min Scan# 2259
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 721834

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.7	9.4	14.2

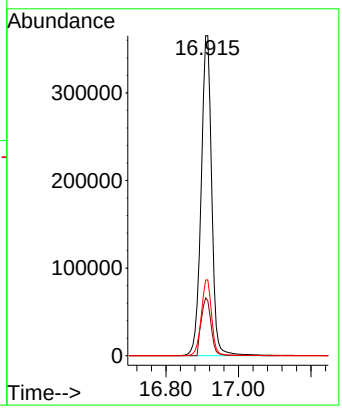




#91
Dibenzo(a,h)anthracene
Concen: 51.907 ng
RT: 16.915 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:278 Resp: 73939

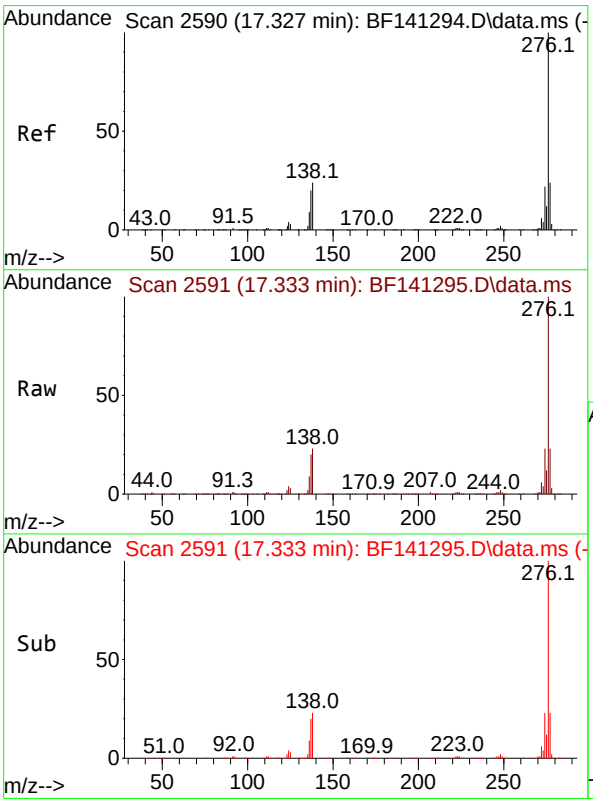
Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.9	20.9
279	23.7	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations
APPROVED

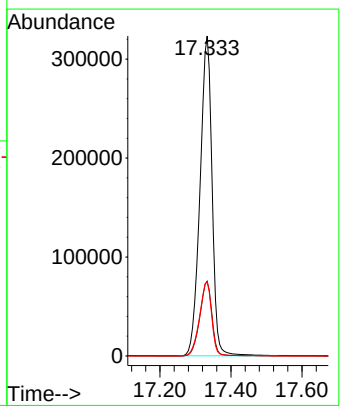
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 50.990 ng
RT: 17.333 min Scan# 2591
Delta R.T. 0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:276 Resp: 764064

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.2	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 29 17:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:14:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	125203	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	490777	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	260269	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	434671	20.000	ng		0.00
76) Chrysene-d12	13.974	240	225615	20.000	ng		0.00
86) Perylene-d12	15.451	264	265921	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	952391	113.729	ng		0.00
7) Phenol-d6	6.434	99	1210477	113.542	ng		0.00
23) Nitrobenzene-d5	7.369	82	1098197	115.711	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	279105	113.824	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1824372	102.411	ng		0.00
79) Terphenyl-d14	12.916	244	1665591	109.453	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	213805	58.657	ng		99
3) Pyridine	3.216	79	527201	60.698	ng		99
4) n-Nitrosodimethylamine	3.181	42	305314	61.956	ng		99
6) Aniline	6.463	93	506937	55.493	ng	#	89
8) 2-Chlorophenol	6.587	128	509043	56.606	ng		98
9) Benzaldehyde	6.351	77	314238	48.677	ng		98
10) Phenol	6.445	94	640034	56.549	ng		94
11) bis(2-Chloroethyl)ether	6.539	93	499321	58.245	ng		99
12) 1,3-Dichlorobenzene	6.739	146	553756	55.698	ng		99
13) 1,4-Dichlorobenzene	6.816	146	558572	55.945	ng		100
14) 1,2-Dichlorobenzene	6.975	146	513179	54.417	ng		99
15) Benzyl Alcohol	6.945	79	422722	58.473	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	859130	57.194	ng		99
17) 2-Methylphenol	7.057	107	420597	58.211	ng		99
18) Hexachloroethane	7.316	117	210746	57.649	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	355036	56.162	ng		97
20) 3+4-Methylphenols	7.210	107	496888	54.781	ng		98
22) Acetophenone	7.216	105	651575	53.679	ng		99
24) Nitrobenzene	7.386	77	572234	58.138	ng		99
25) Isophorone	7.622	82	953671	58.383	ng		98
26) 2-Nitrophenol	7.698	139	280785	61.652	ng		99
27) 2,4-Dimethylphenol	7.739	122	350784m	60.006	ng		
28) bis(2-Chloroethoxy)met...	7.833	93	605644	57.853	ng		99
29) 2,4-Dichlorophenol	7.939	162	421748	58.315	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	465841	55.787	ng		99
31) Naphthalene	8.104	128	1475900	54.933	ng		99
32) Benzoic acid	7.863	122	380664m	76.193	ng		
33) 4-Chloroaniline	8.157	127	513149	56.786	ng		99
34) Hexachlorobutadiene	8.222	225	275524	56.533	ng		100
35) Caprolactam	8.533	113	141023	60.337	ng		99
36) 4-Chloro-3-methylphenol	8.633	107	452438	58.389	ng		97
37) 2-Methylnaphthalene	8.792	142	941153	55.126	ng		98
38) 1-Methylnaphthalene	8.892	142	917389	54.632	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	430239	56.609	ng		100
41) Hexachlorocyclopentadiene	8.945	237	141387	66.154	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	288290	58.588	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 17:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:14:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	314912	59.000	ng	99
46) 1,1'-Biphenyl	9.263	154	1139946	54.084	ng	99
47) 2-Chloronaphthalene	9.286	162	902561	55.247	ng	99
48) 2-Nitroaniline	9.380	65	300339	59.861	ng	98
49) Acenaphthylene	9.698	152	1258733	54.924	ng	100
50) Dimethylphthalate	9.569	163	1012298	56.075	ng	100
51) 2,6-Dinitrotoluene	9.627	165	241241	58.050	ng	98
52) Acenaphthene	9.875	154	921519	56.639	ng	100
53) 3-Nitroaniline	9.792	138	232680	56.245	ng	99
54) 2,4-Dinitrophenol	9.898	184	132244	84.109	ng	95
55) Dibenzofuran	10.045	168	1202027	54.629	ng	99
56) 4-Nitrophenol	9.951	139	190620	66.120	ng	99
57) 2,4-Dinitrotoluene	10.027	165	315221	58.312	ng	97
58) Fluorene	10.386	166	915246	53.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	252964	60.106	ng	100
60) Diethylphthalate	10.263	149	983788	55.897	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	445841	53.136	ng	99
62) 4-Nitroaniline	10.410	138	242716	61.216	ng	99
63) Azobenzene	10.539	77	996603	56.821	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	174248	71.103	ng	99
66) n-Nitrosodiphenylamine	10.504	169	800147	55.423	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	286647	57.957	ng	96
68) Hexachlorobenzene	10.933	284	302508	57.366	ng	99
69) Atrazine	11.033	200	306524	66.863	ng	99
70) Pentachlorophenol	11.127	266	194335	65.443	ng	99
71) Phenanthrene	11.351	178	1316980	54.311	ng	100
72) Anthracene	11.404	178	1298334	54.763	ng	99
73) Carbazole	11.557	167	1173330	55.874	ng	99
74) Di-n-butylphthalate	11.892	149	1410222	55.325	ng	100
75) Fluoranthene	12.539	202	1279995	52.878	ng	99
77) Benzidine	12.663	184	490009	67.692	ng	100
78) Pyrene	12.768	202	1284820	57.717	ng	100
80) Butylbenzylphthalate	13.392	149	465533	60.745	ng	99
81) Benzo(a)anthracene	13.962	228	917219	57.742	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	315503	64.819	ng	100
83) Chrysene	14.004	228	841120	58.239	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	564642	57.438	ng	99
85) Di-n-octyl phthalate	14.598	149	951473	64.953	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1054987	61.732	ng	99
88) Benzo(b)fluoranthene	15.033	252	971433	56.615	ng	99
89) Benzo(k)fluoranthene	15.062	252	845842	55.934	ng	100
90) Benzo(a)pyrene	15.392	252	838283	58.588	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	854214	62.119	ng	98
92) Benzo(g,h,i)perylene	17.351	276	881804	61.510	ng	100

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

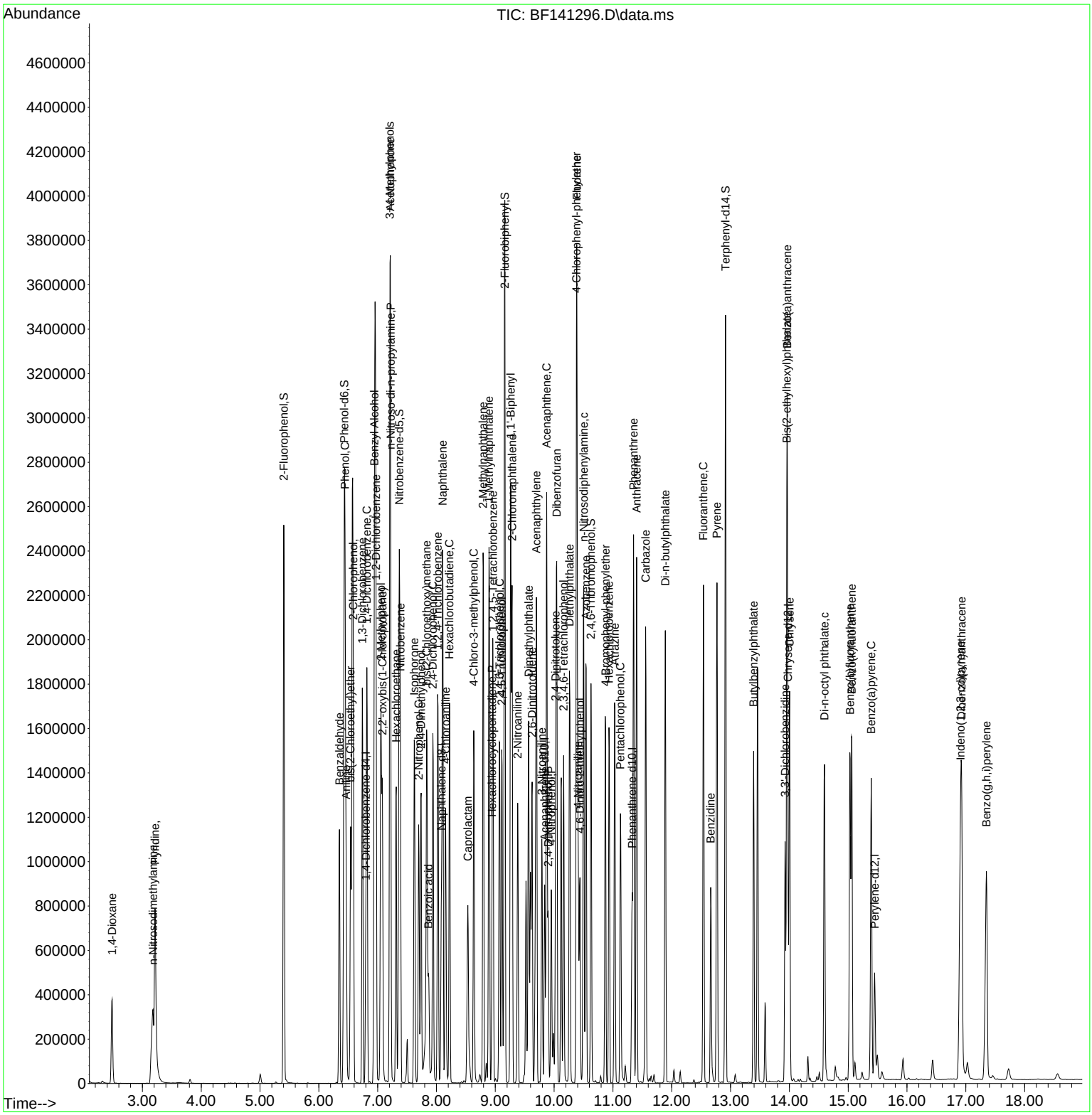
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

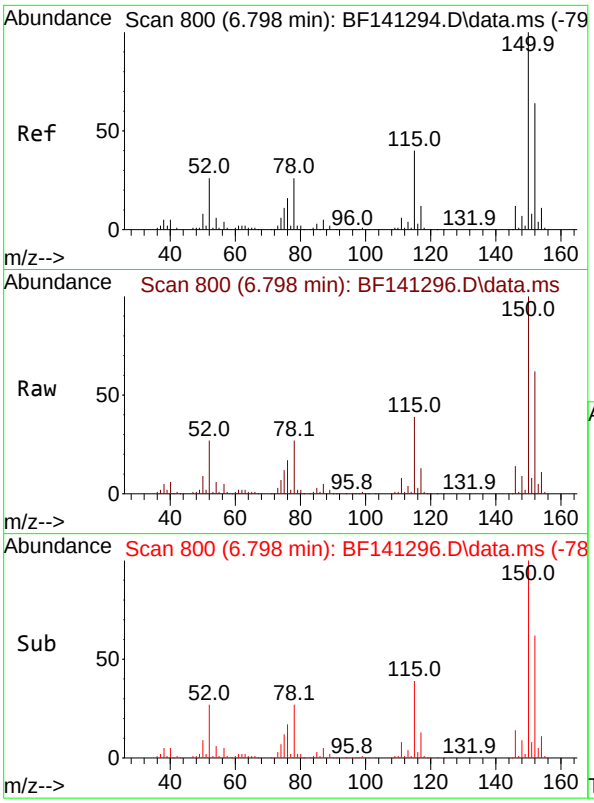
Quant Time: Jan 29 17:20:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:14:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

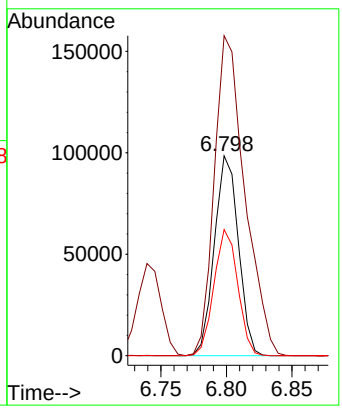




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:152 Resp: 12520

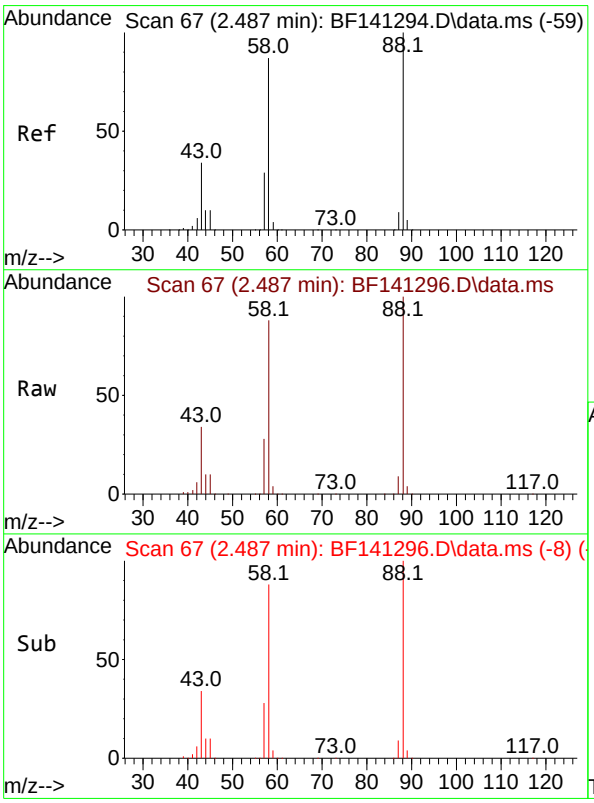
Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	63.2	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

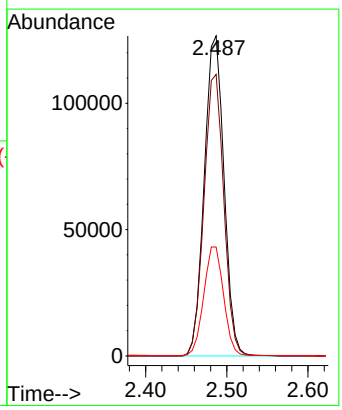
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

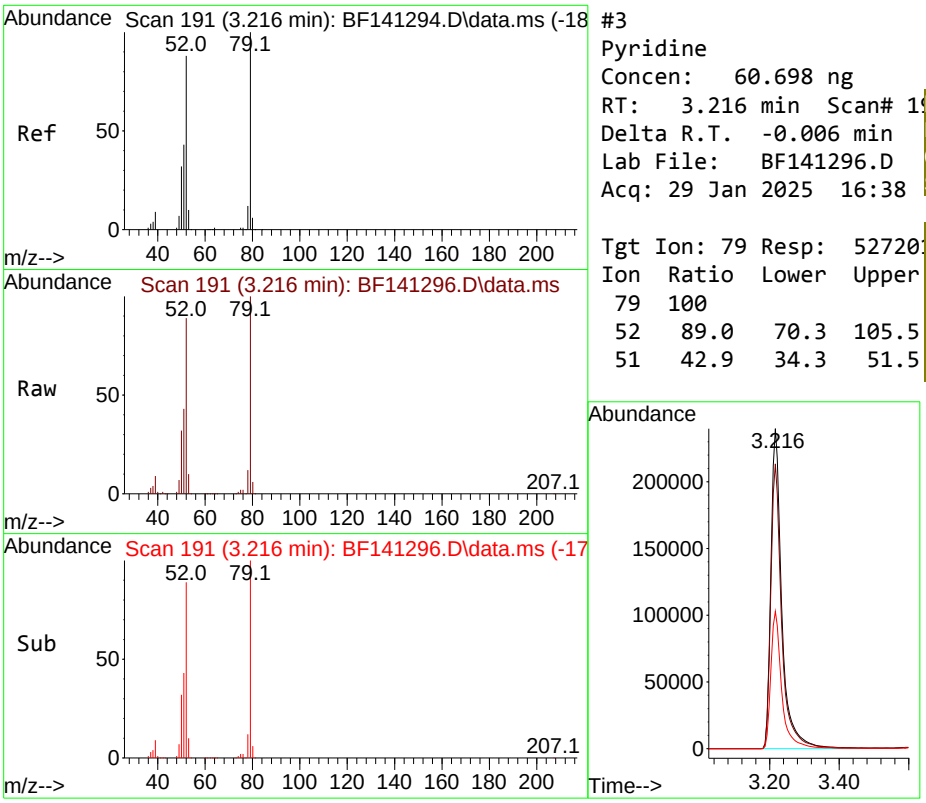


#2
1,4-Dioxane
Concen: 58.657 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.2	105.4
43	34.0	27.6	41.4





#3
Pyridine
Concen: 60.698 ng
RT: 3.216 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

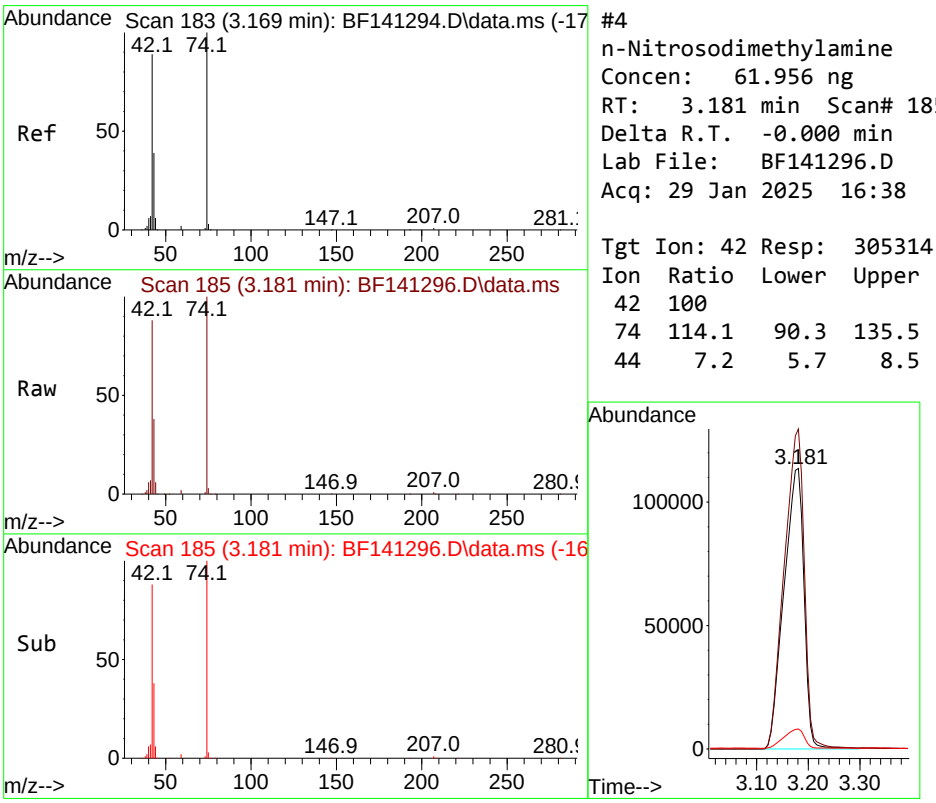
Tgt Ion: 79 Resp: 52720

Ion	Ratio	Lower	Upper
79	100		
52	89.0	70.3	105.5
51	42.9	34.3	51.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

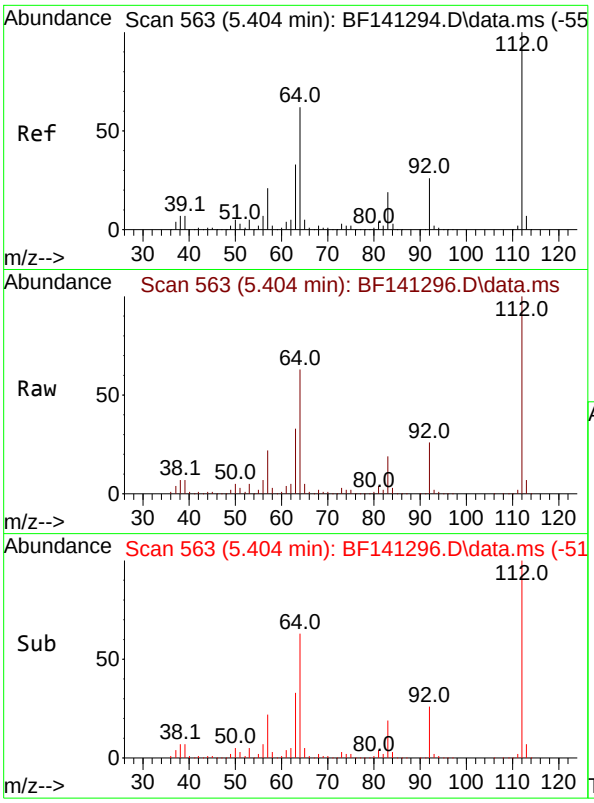
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#4
n-Nitrosodimethylamine
Concen: 61.956 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 42 Resp: 305314

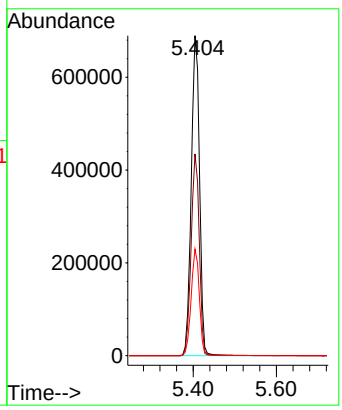
Ion	Ratio	Lower	Upper
42	100		
74	114.1	90.3	135.5
44	7.2	5.7	8.5



#5
2-Fluorophenol
Concen: 113.729 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:112 Resp: 95239

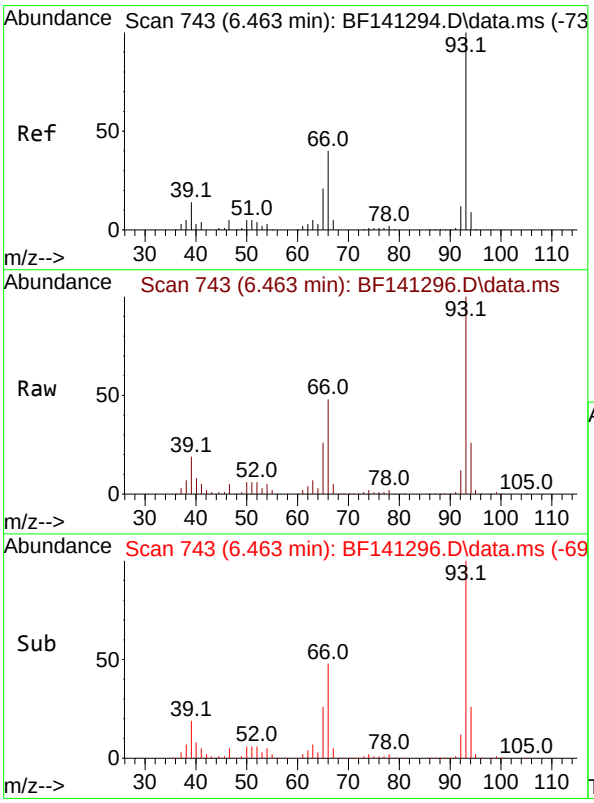
Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.8	74.8
63	33.3	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

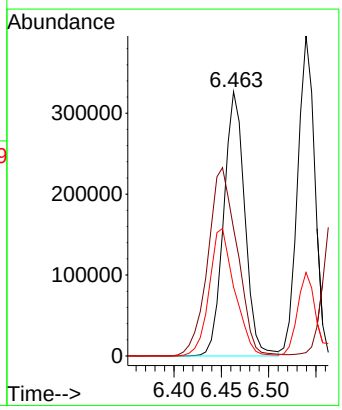
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

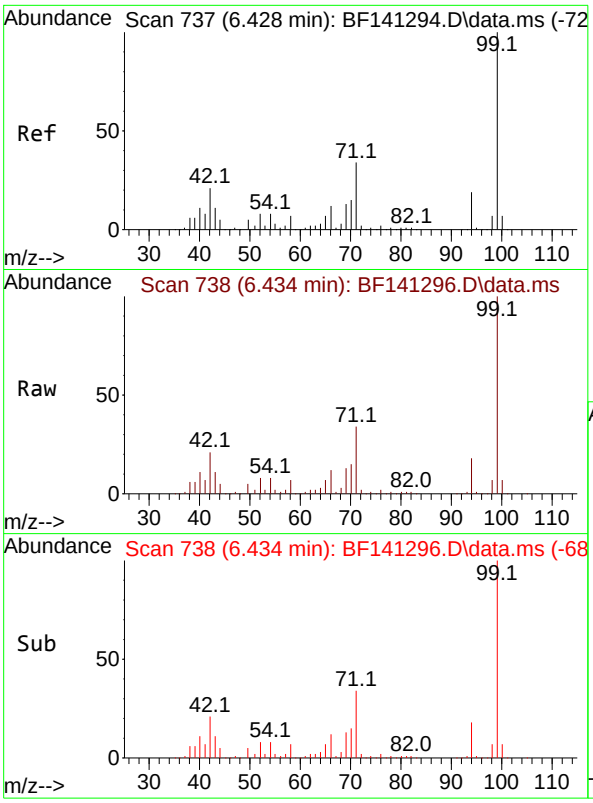


#6
Aniline
Concen: 55.493 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 506937

Ion	Ratio	Lower	Upper
93	100		
66	48.2	32.5	48.7
65	26.1	17.0	25.6#

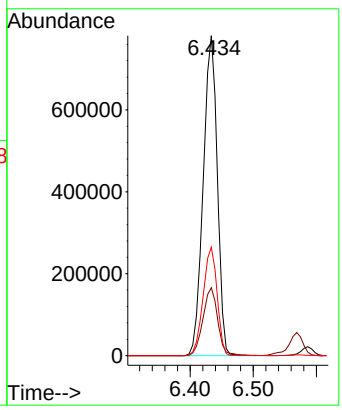




#7
Phenol-d6
Concen: 113.542 ng
RT: 6.434 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 99 Resp: 121047

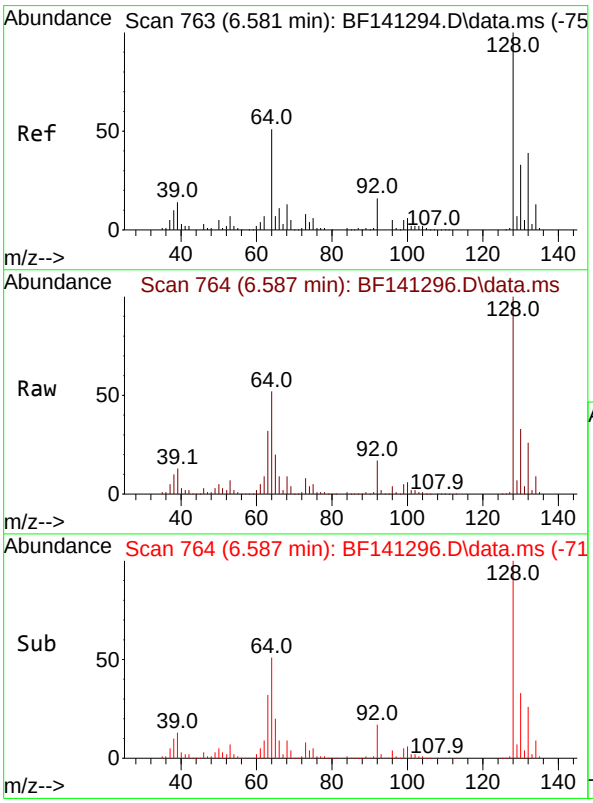
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.1	25.7
71	33.9	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

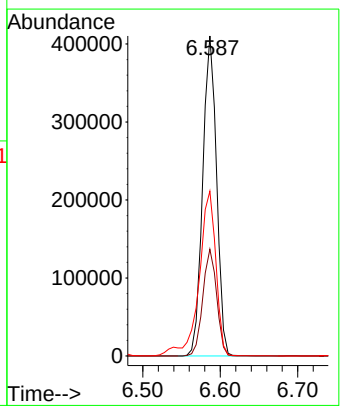
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

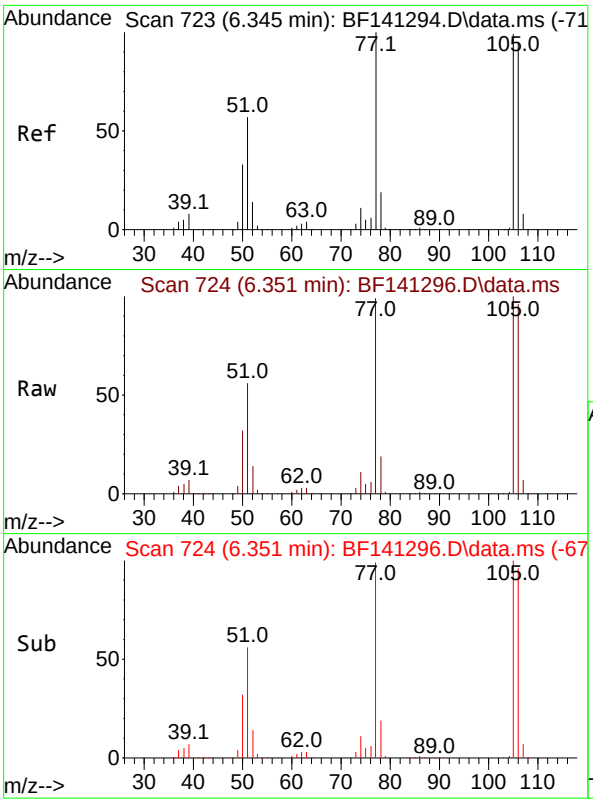


#8
2-Chlorophenol
Concen: 56.606 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:128 Resp: 509043

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	51.5	32.9	72.9

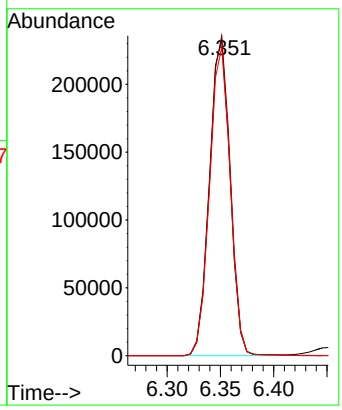




#9
Benzaldehyde
Concen: 48.677 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 31423

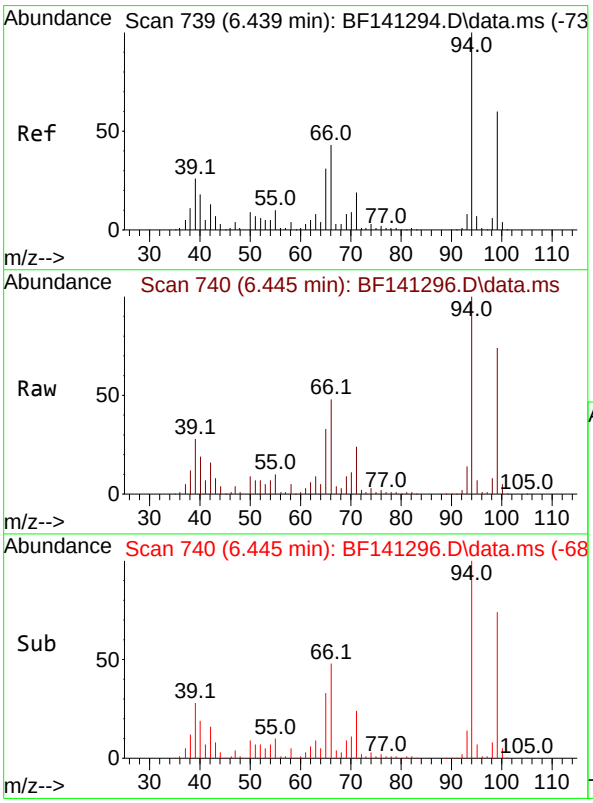
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.4	119.4
106	97.6	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

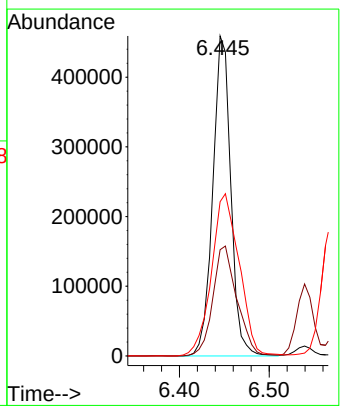
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

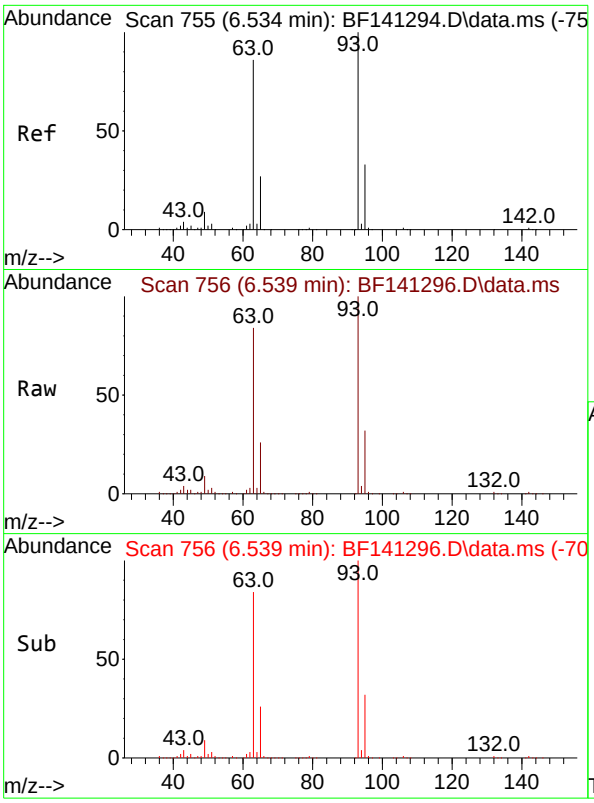


#10
Phenol
Concen: 56.549 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 94 Resp: 640034

Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.8	50.8
66	48.2	23.3	63.3

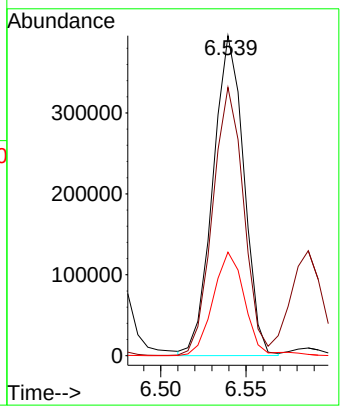




#11
bis(2-Chloroethyl)ether
Concen: 58.245 ng
RT: 6.539 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 49932

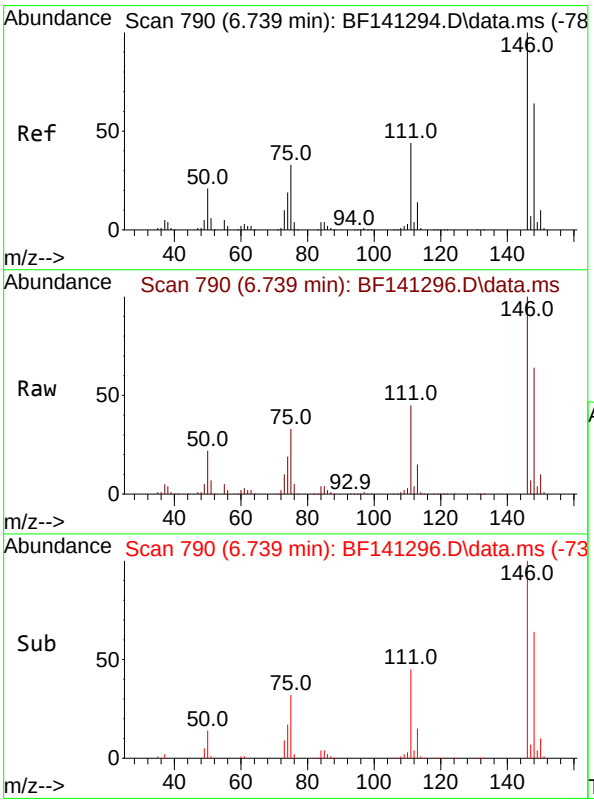
Ion	Ratio	Lower	Upper
93	100		
63	83.9	65.0	105.0
95	32.3	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

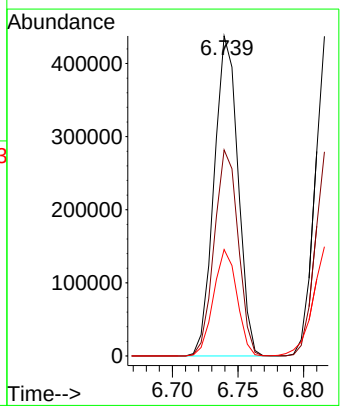
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

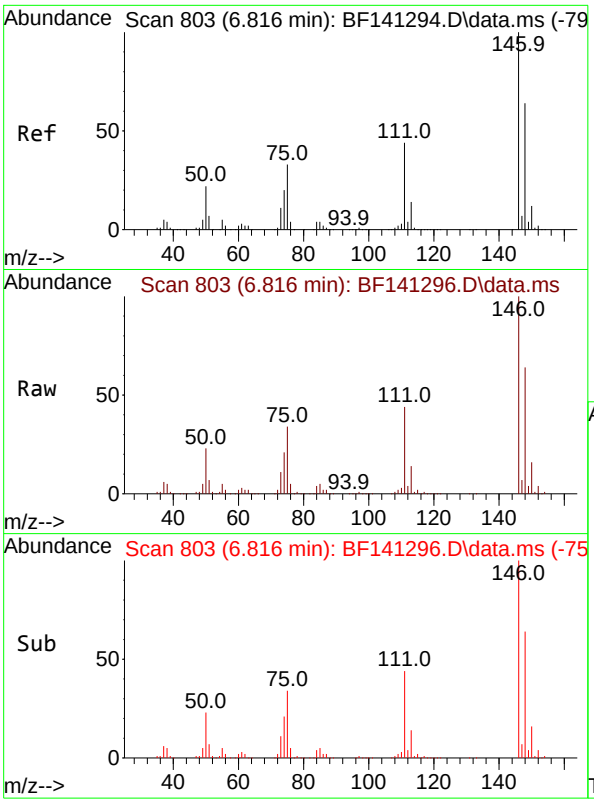


#12
1,3-Dichlorobenzene
Concen: 55.698 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	33.2	26.2	39.4

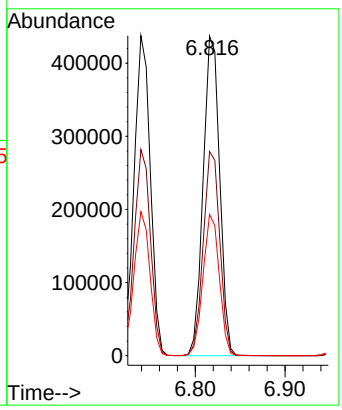




#13
1,4-Dichlorobenzene
Concen: 55.945 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 55857

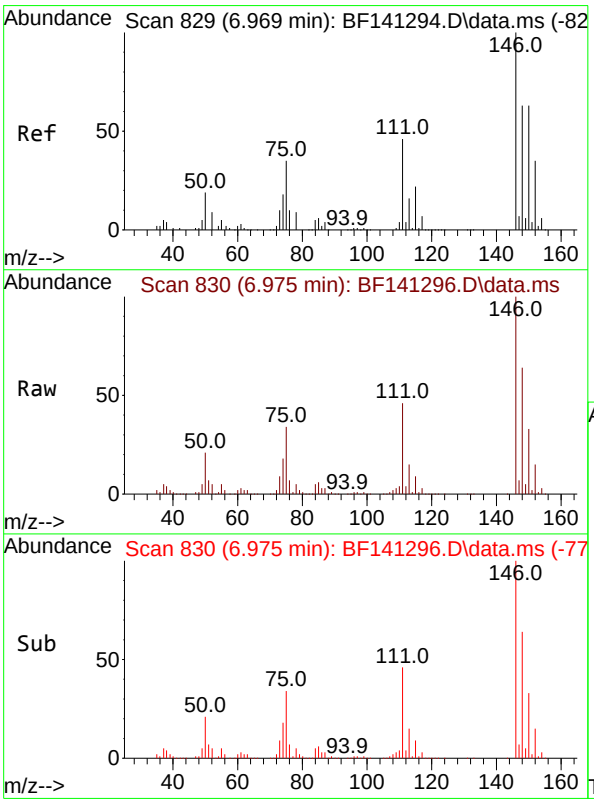
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	44.2	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

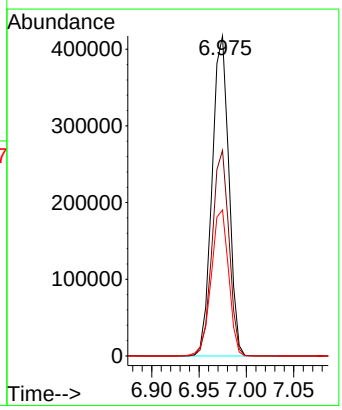
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

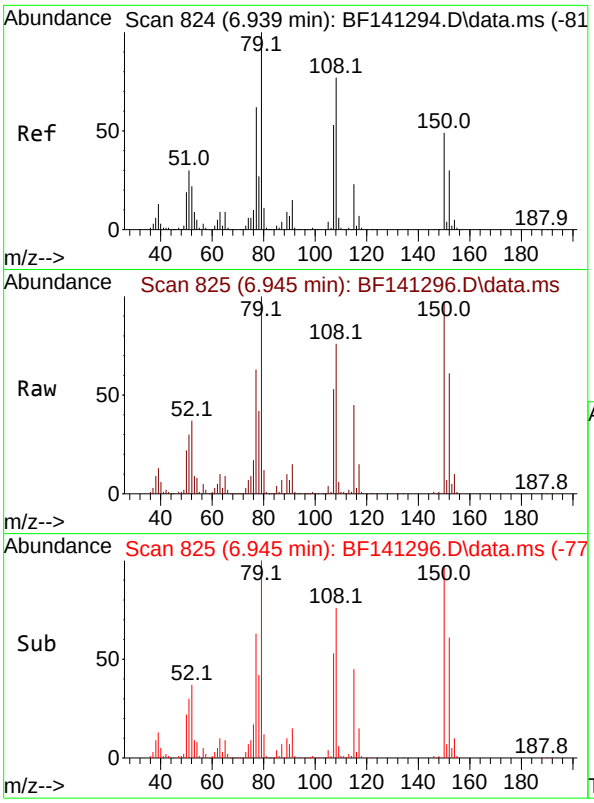


#14
1,2-Dichlorobenzene
Concen: 54.417 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 513179

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	45.7	36.6	55.0

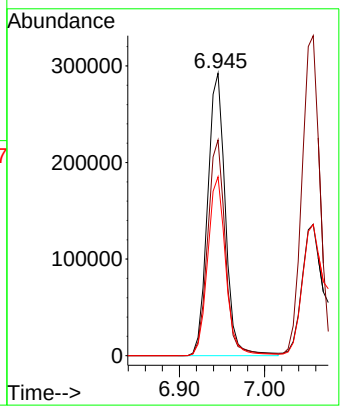




#15
Benzyl Alcohol
Concen: 58.473 ng
RT: 6.945 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 79 Resp: 42272

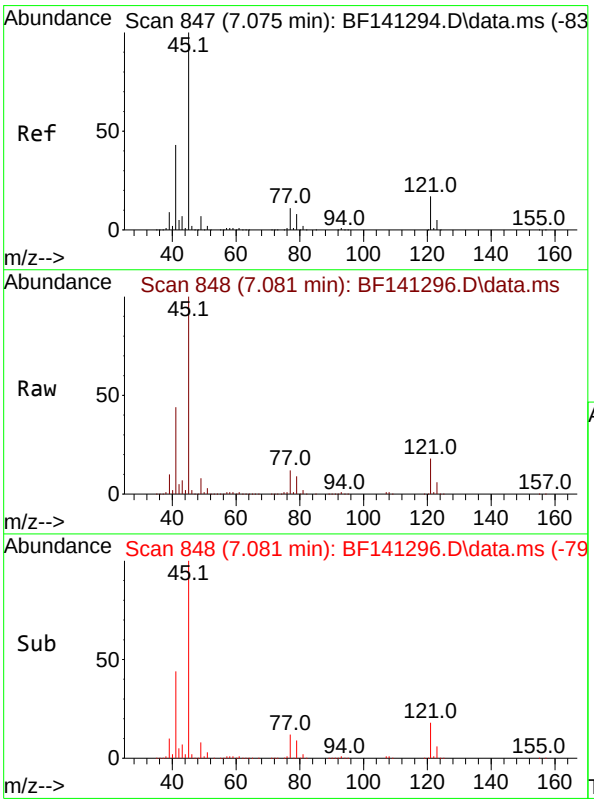
Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.4	92.0
77	63.3	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

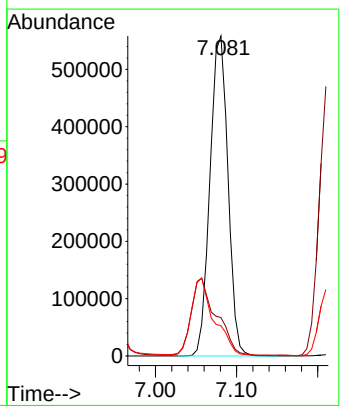
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

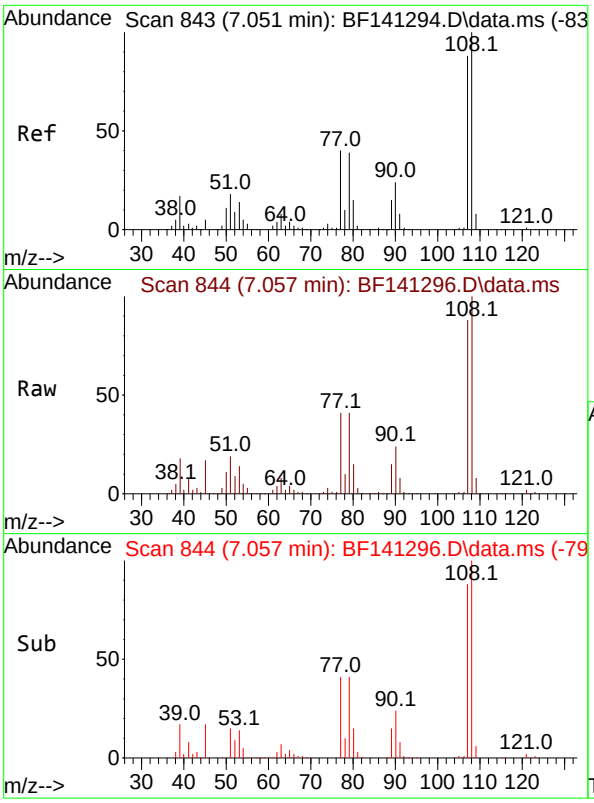


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.194 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 45 Resp: 859130

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.8
79	9.4	0.0	29.1

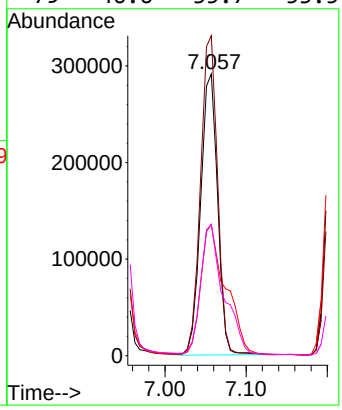




#17
2-Methylphenol
Concen: 58.211 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 42059

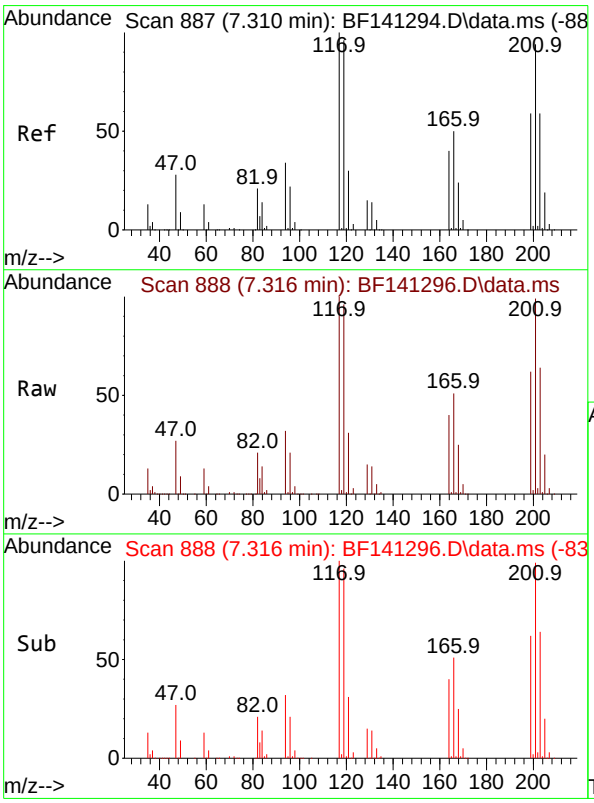
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.8	136.2
77	46.6	36.2	54.4
79	46.6	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

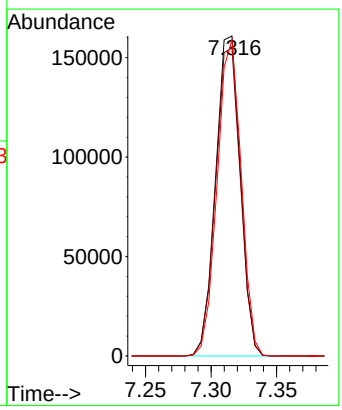
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

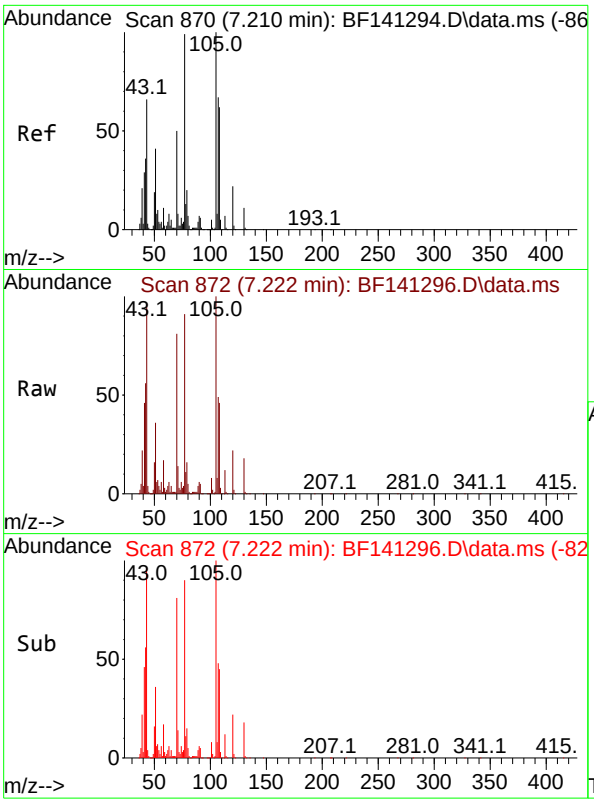


#18
Hexachloroethane
Concen: 57.649 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:117 Resp: 210746

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	98.8	74.8	112.2

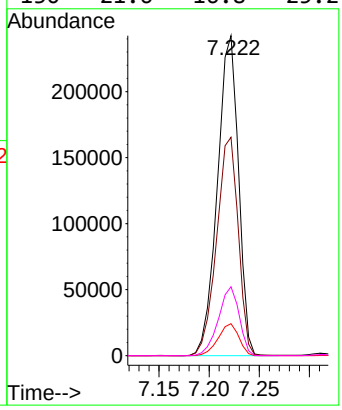




#19
n-Nitroso-di-n-propylamine
Concen: 56.162 ng
RT: 7.222 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 70 Resp: 35503

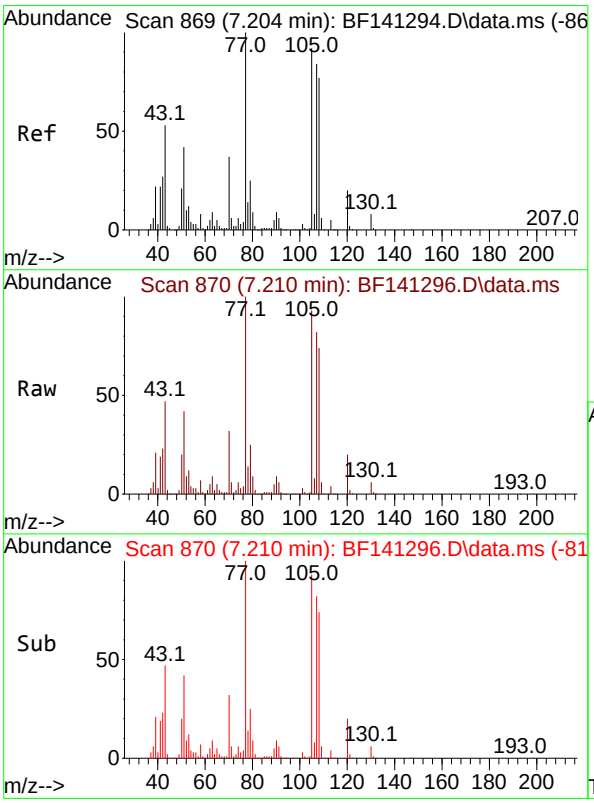
Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.8	85.2
101	10.0	7.7	11.5
130	21.6	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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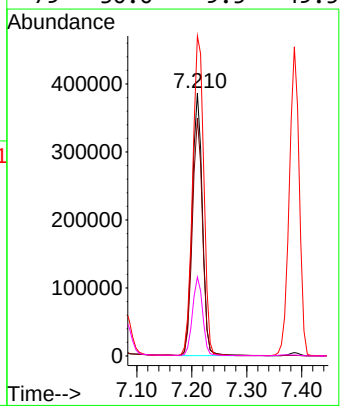
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

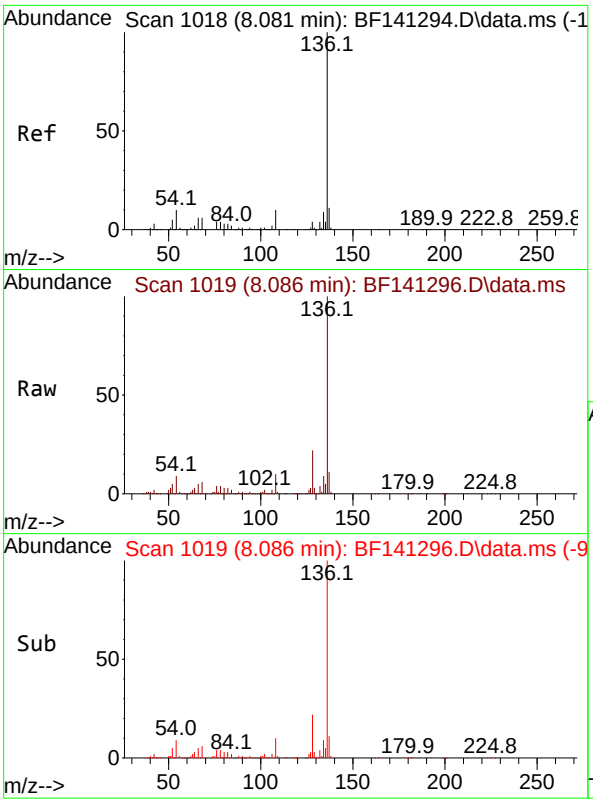


#20
3+4-Methylphenols
Concen: 54.781 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 496888

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.9	110.9
77	121.7	98.5	138.5
79	30.0	9.5	49.5

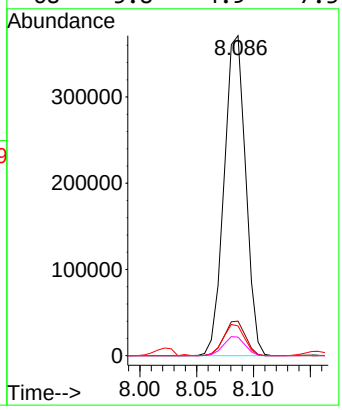




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:136 Resp: 49077

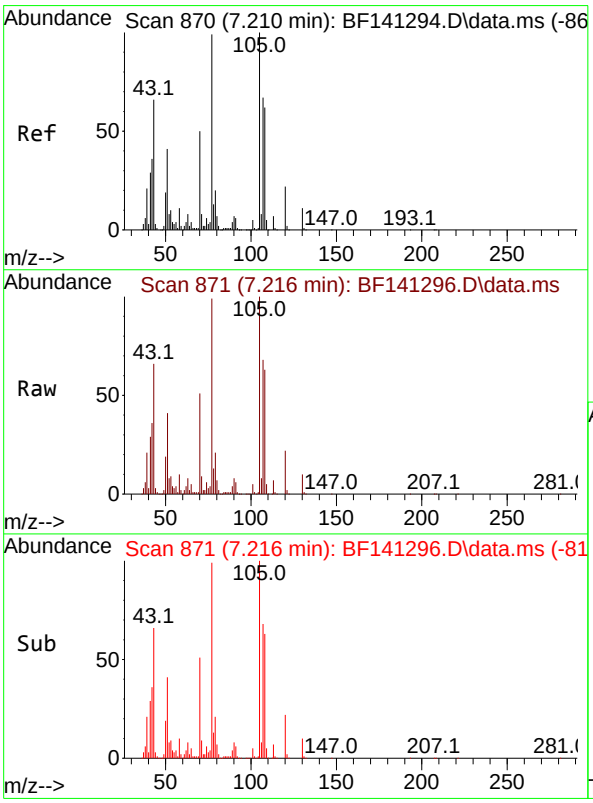
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.8	11.8
68	5.8	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

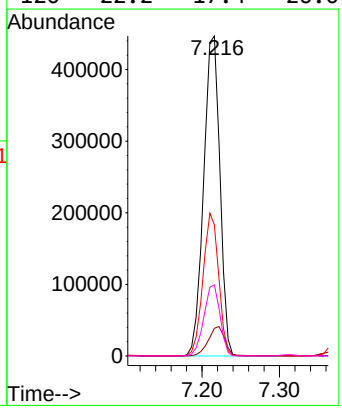
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

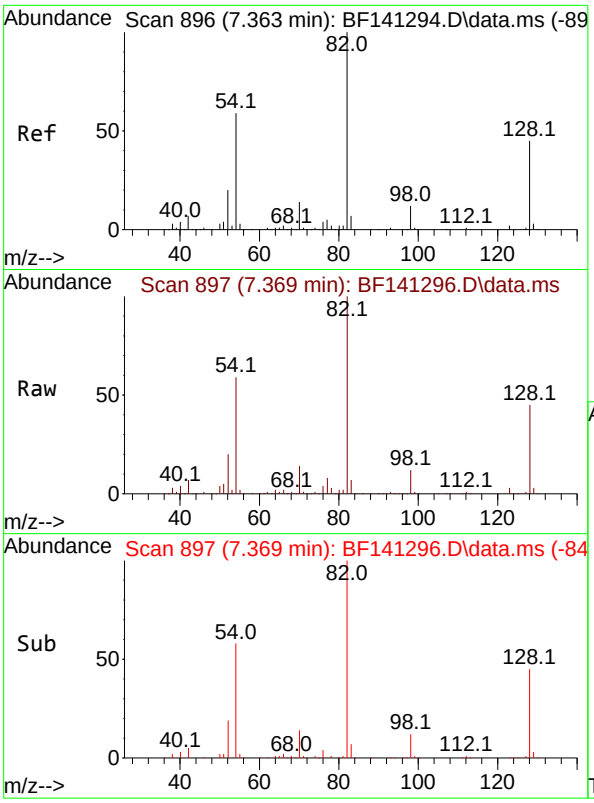


#22
Acetophenone
Concen: 53.679 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.8	10.2
51	41.0	32.6	49.0
120	22.2	17.4	26.0

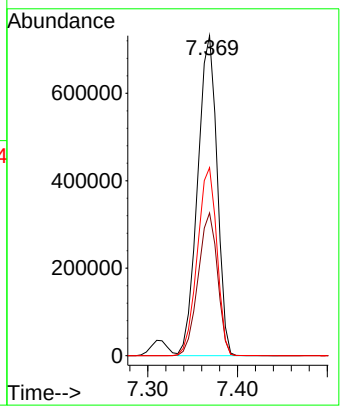




#23
Nitrobenzene-d5
Concen: 115.711 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 82 Resp: 109819

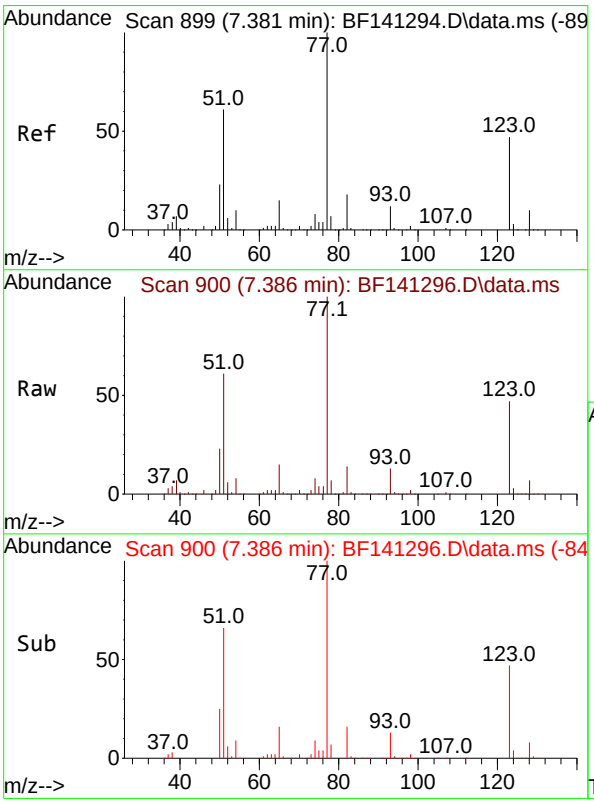
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.7	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

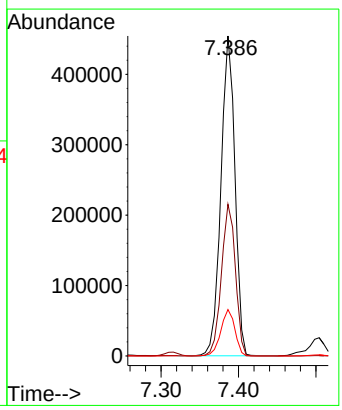
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

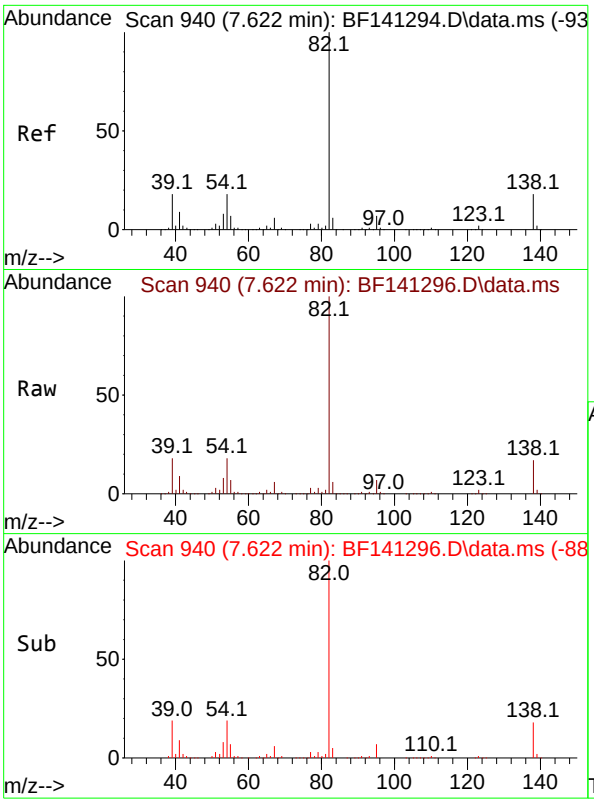


#24
Nitrobenzene
Concen: 58.138 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 572234

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	14.5	11.8	17.6

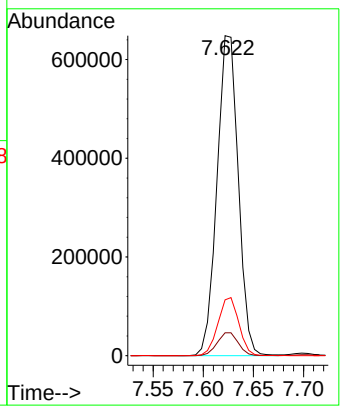




#25
Isophorone
Concen: 58.383 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 82 Resp: 95367

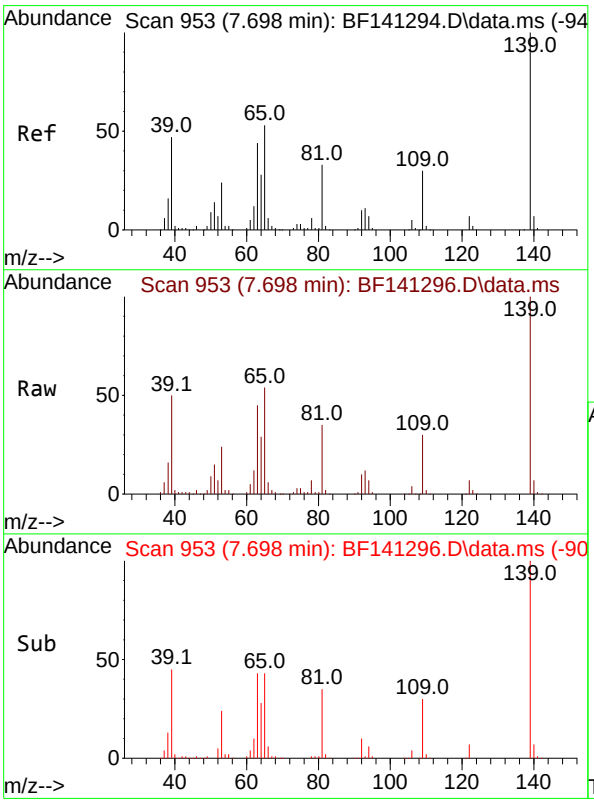
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.5	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

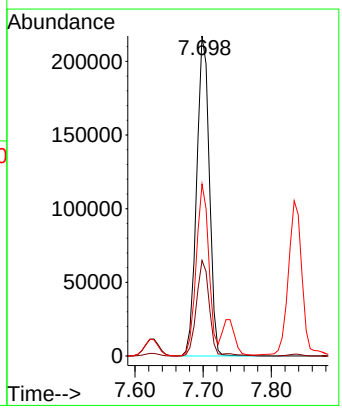
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

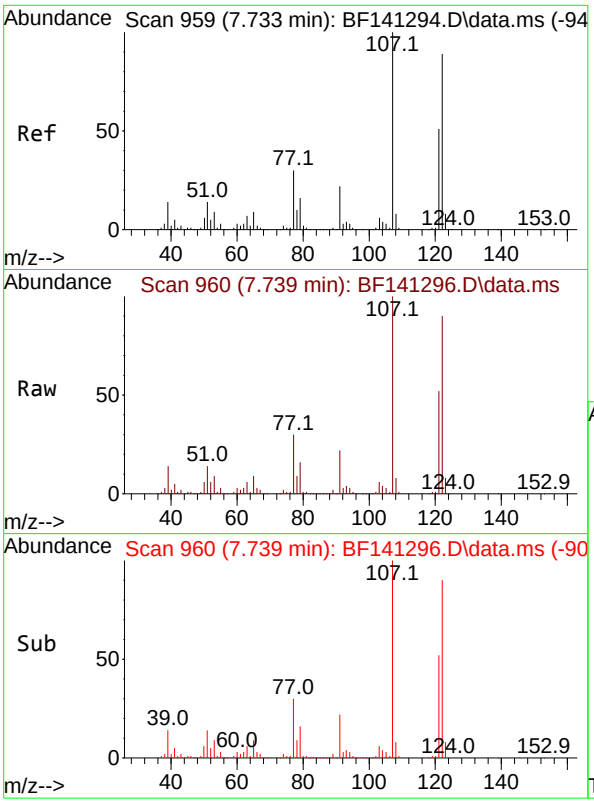


#26
2-Nitrophenol
Concen: 61.652 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 280785

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.8	35.6
65	53.7	42.2	63.4

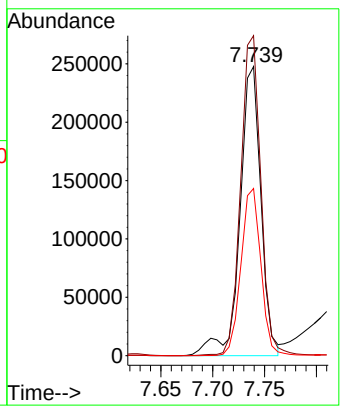




#27
2,4-Dimethylphenol
Concen: 60.006 ng m
RT: 7.739 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 35078

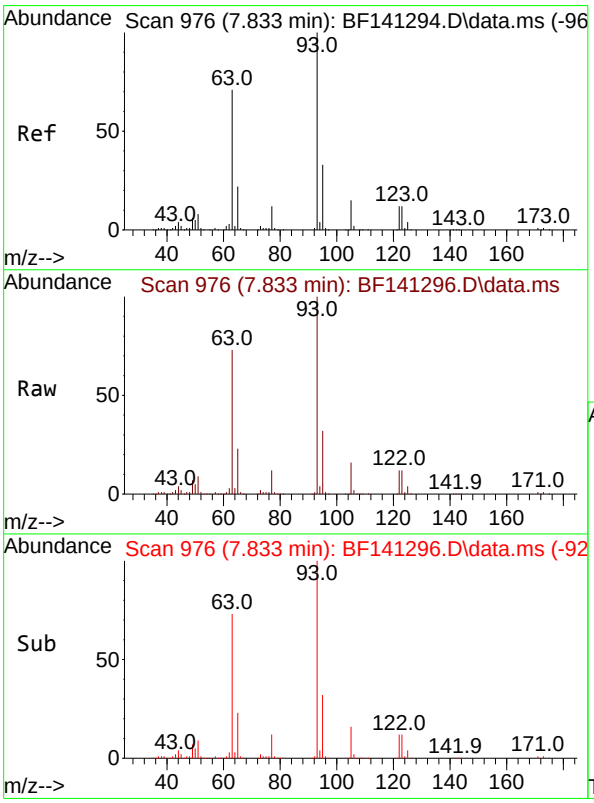
Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.9	134.9
121	57.8	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

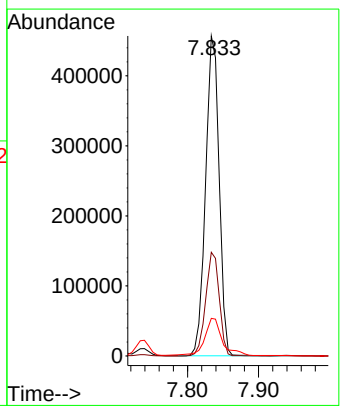
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

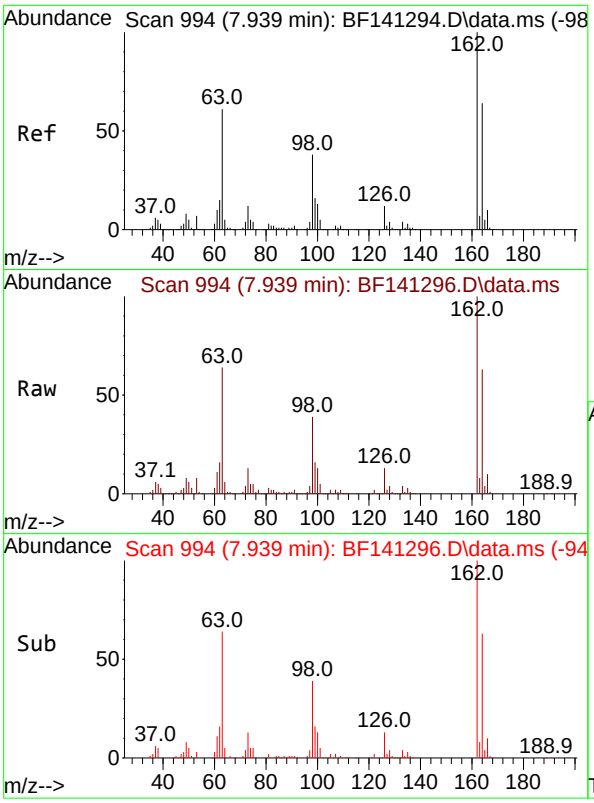


#28
bis(2-Chloroethoxy)methane
Concen: 57.853 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 605644

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	11.8	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 58.315 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

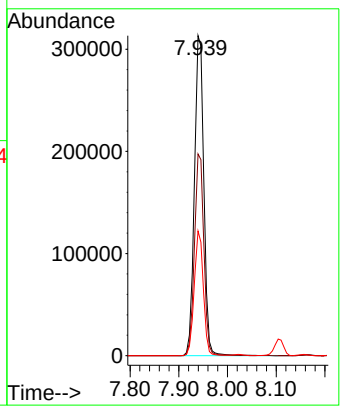
Tgt Ion:162 Resp: 42174

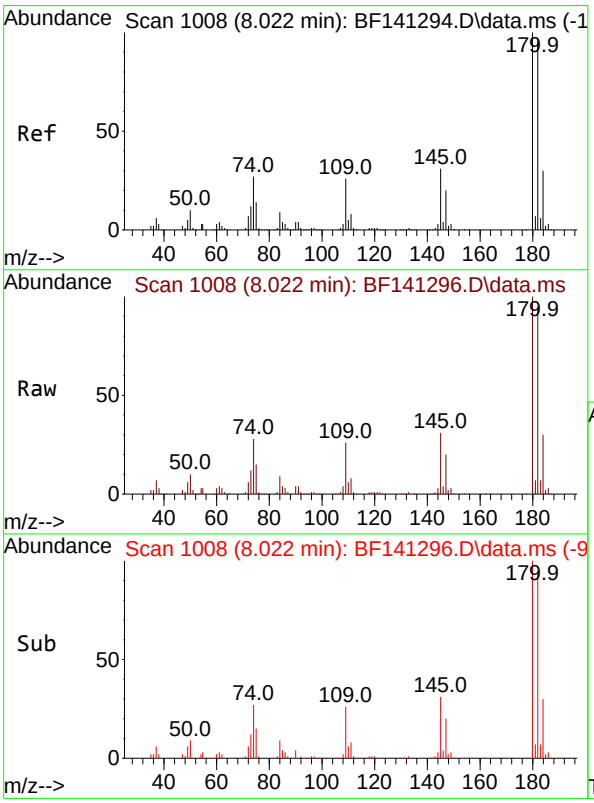
Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.2	84.2
98	38.9	18.2	58.2

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

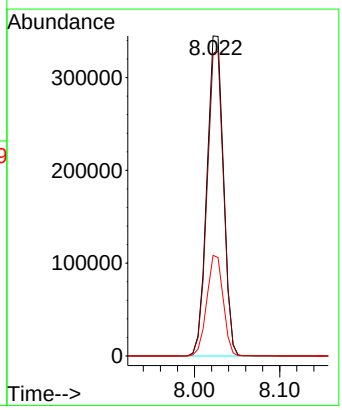


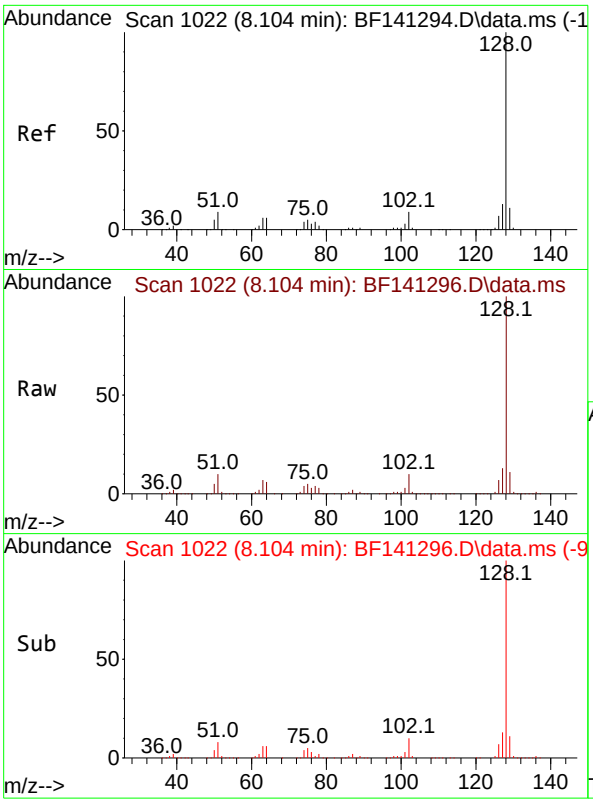


#30
1,2,4-Trichlorobenzene
Concen: 55.787 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:180 Resp: 465841

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	31.4	24.9	37.3

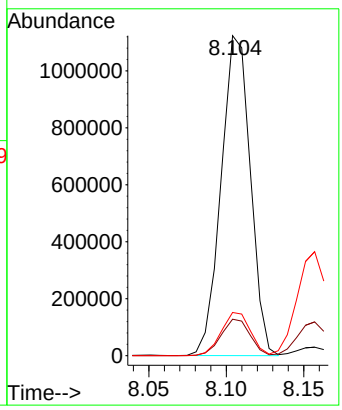




#31
Naphthalene
Concen: 54.933 ng
RT: 8.104 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:128 Resp: 147590(

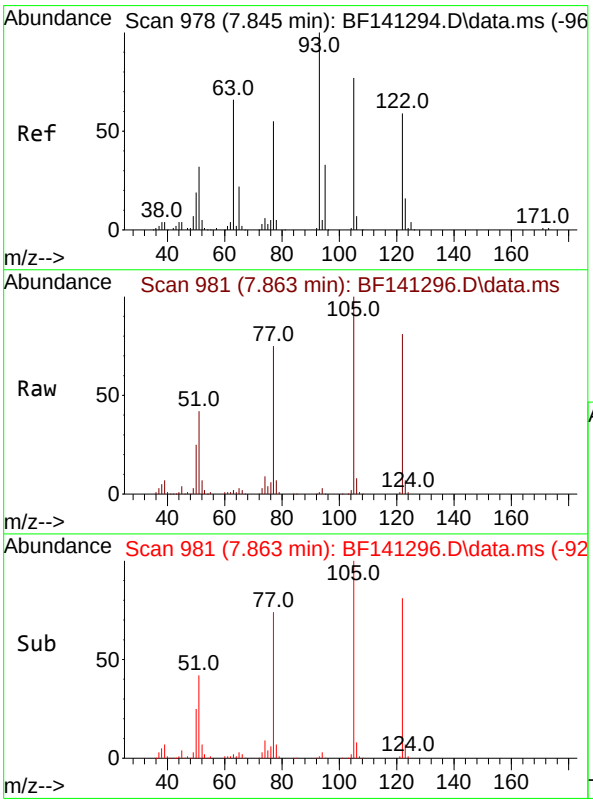
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.5	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

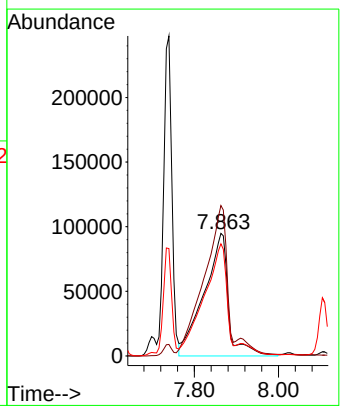
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

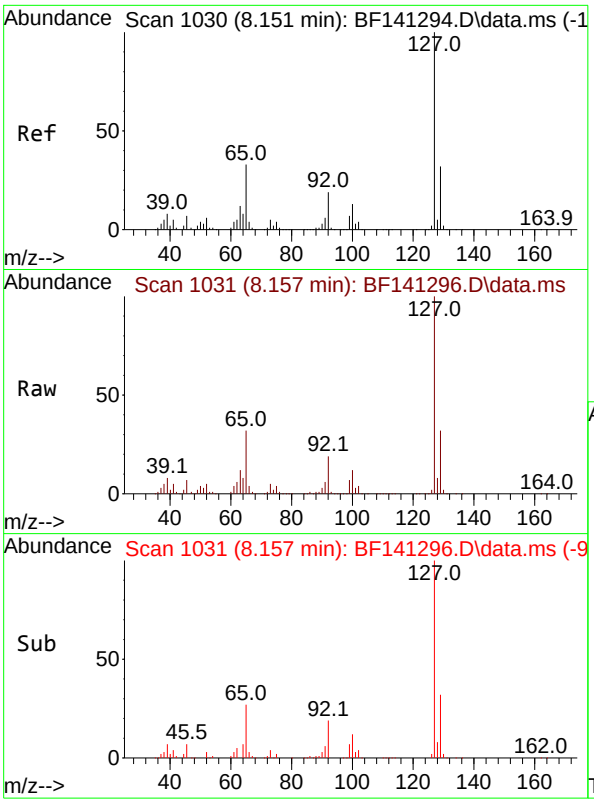


#32
Benzoic acid
Concen: 76.193 ng m
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 380664

Ion	Ratio	Lower	Upper
122	100		
105	122.7	103.4	143.4
77	91.6	70.9	110.9

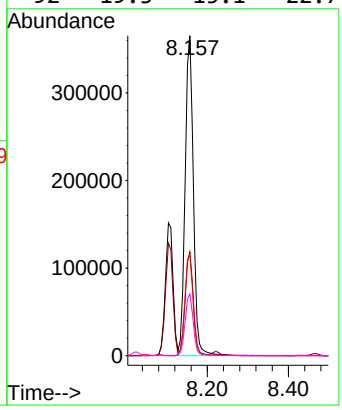




#33
4-Chloroaniline
Concen: 56.786 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:127 Resp: 51314

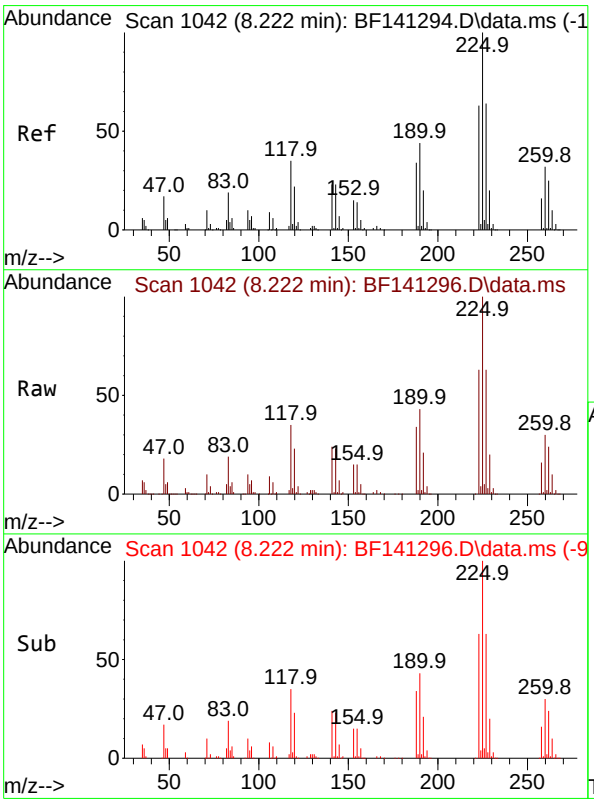
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.7	26.4	39.6
92	19.3	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

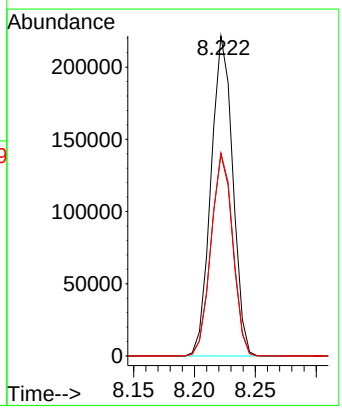
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

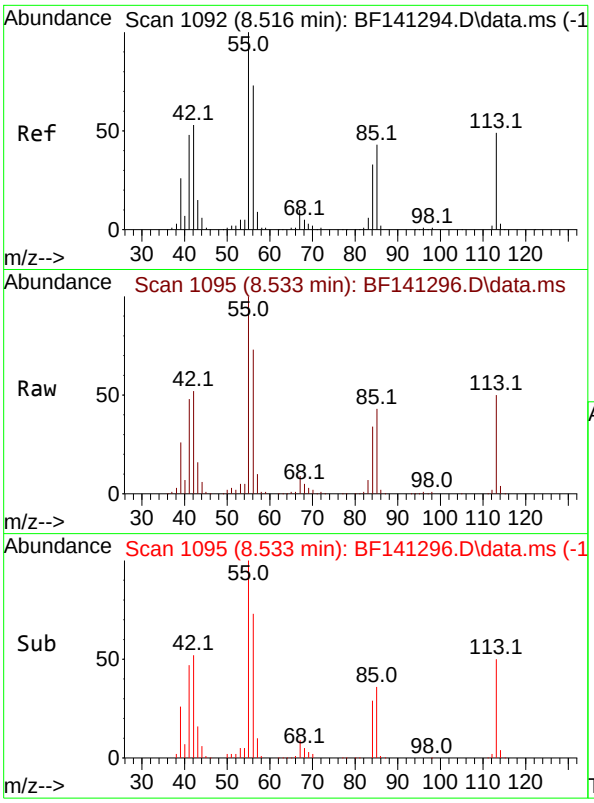


#34
Hexachlorobutadiene
Concen: 56.533 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:225 Resp: 275524

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.4	51.3	76.9

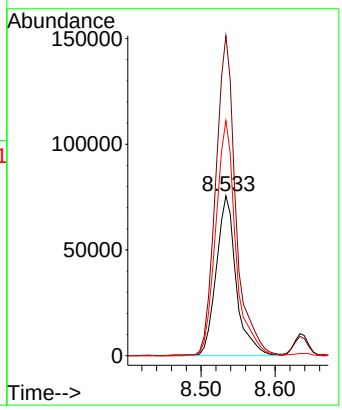




#35
Caprolactam
Concen: 60.337 ng
RT: 8.533 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:113 Resp: 14102

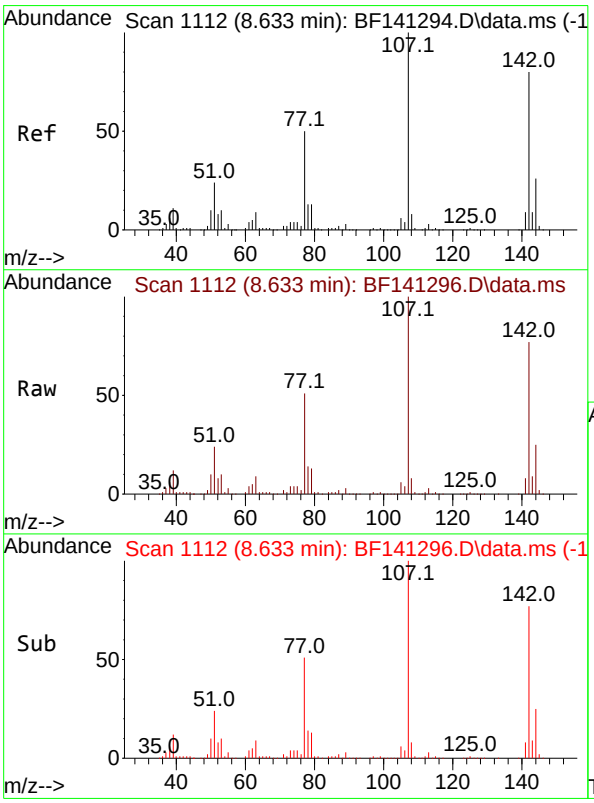
Ion	Ratio	Lower	Upper
113	100		
55	200.2	182.9	222.9
56	147.0	127.9	167.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

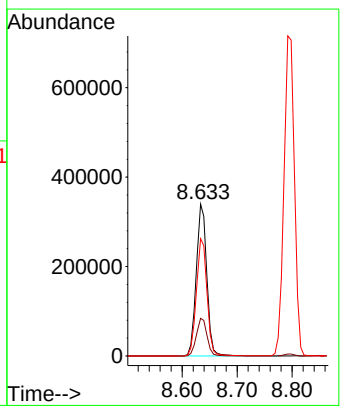
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

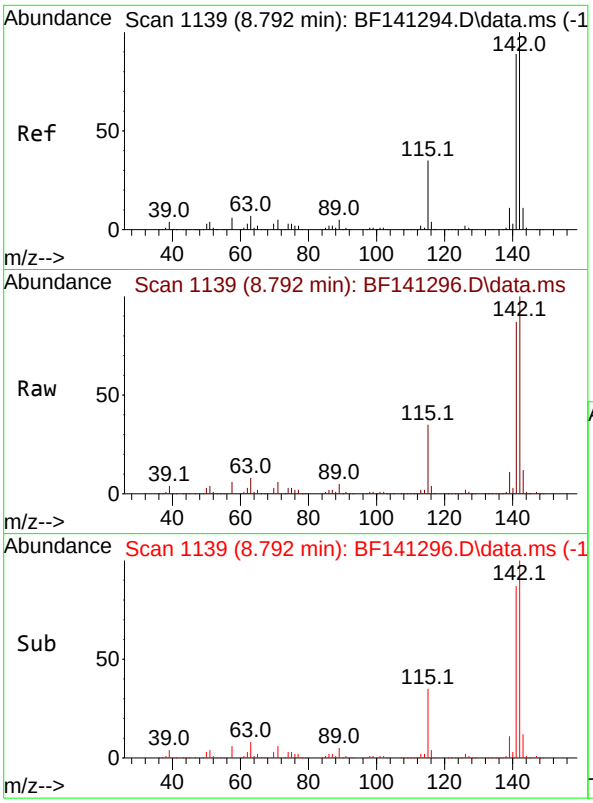


#36
4-Chloro-3-methylphenol
Concen: 58.389 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.2	63.8	95.8





#37
2-Methylnaphthalene
Concen: 55.126 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

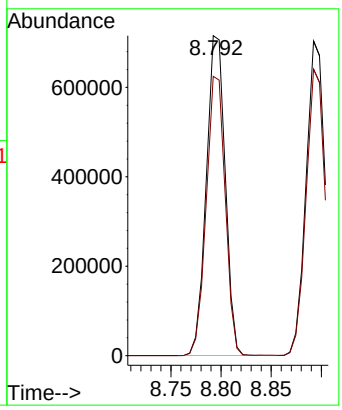
Tgt Ion:142 Resp: 94115

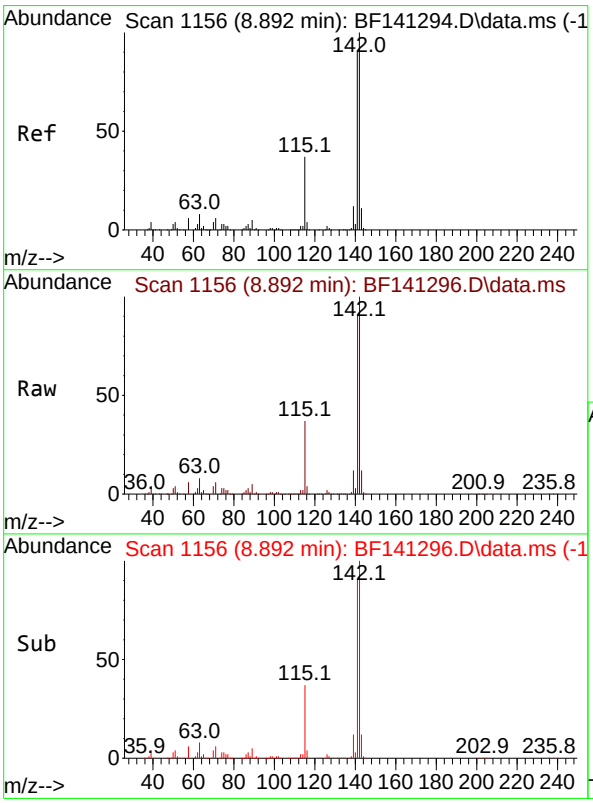
Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.3	106.9

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

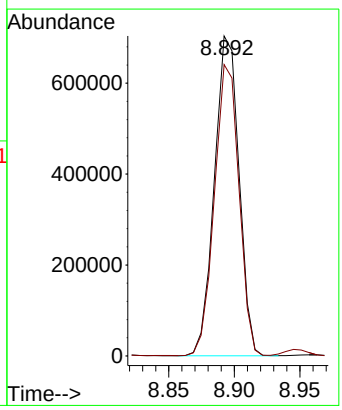


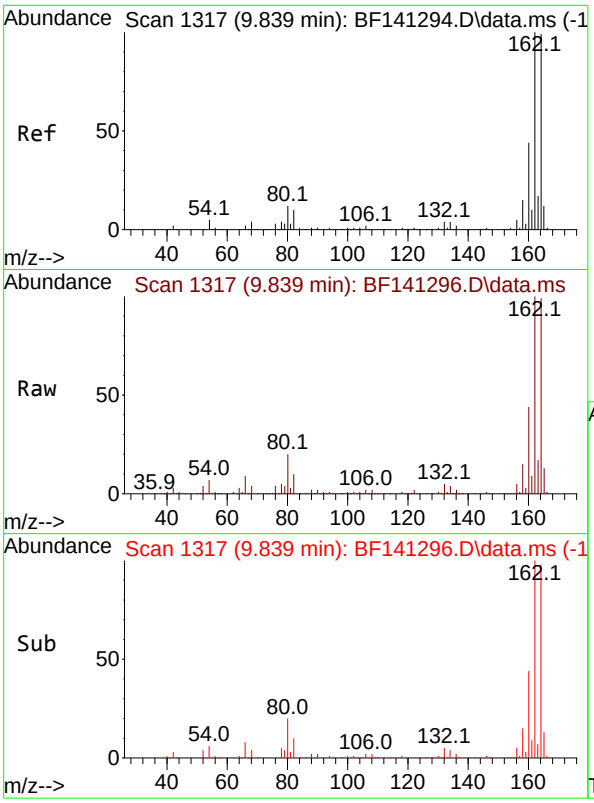


#38
1-Methylnaphthalene
Concen: 54.632 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:142 Resp: 917389

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8

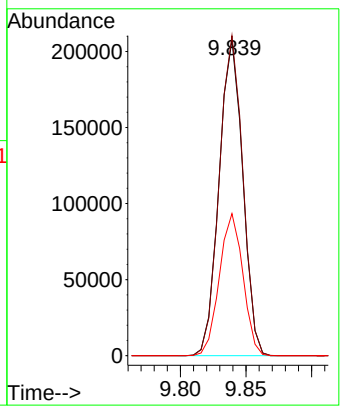




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:164 Resp: 26026

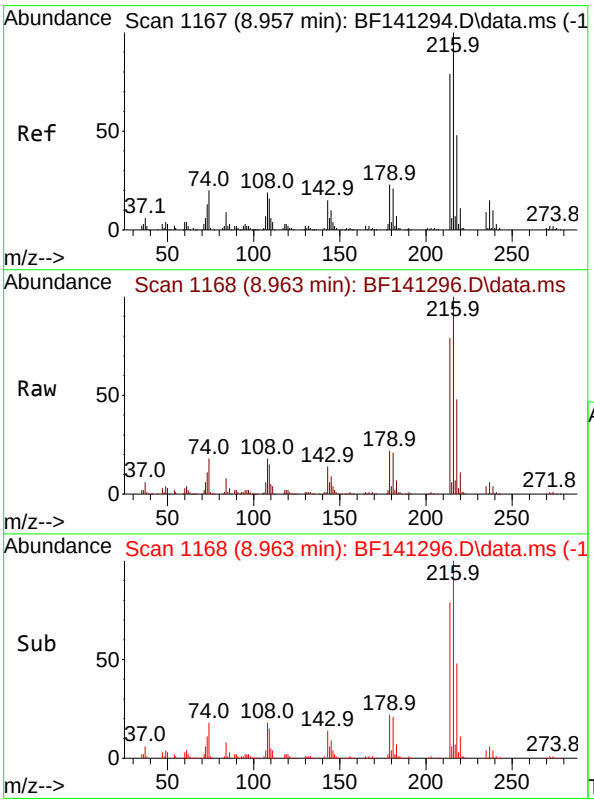
Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.0	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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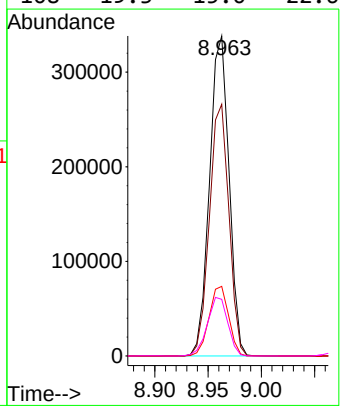
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

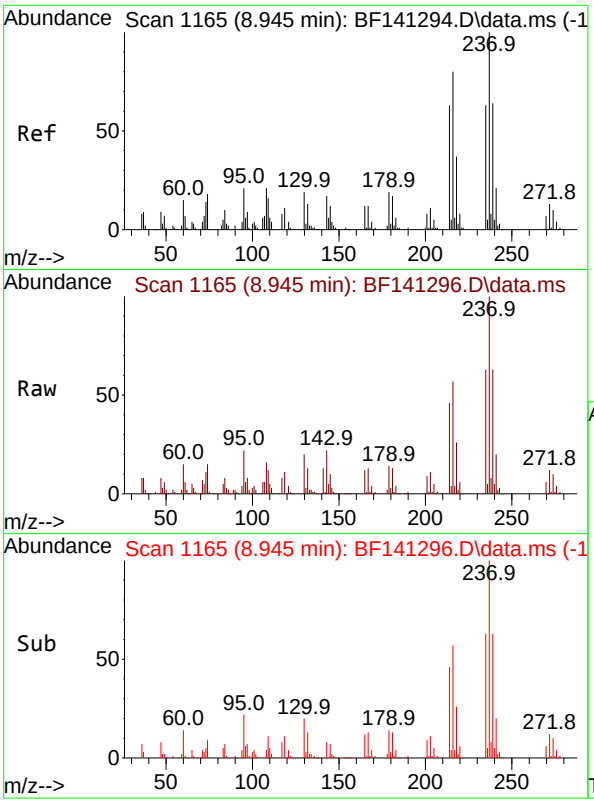


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.609 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:216 Resp: 430239

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.0	17.8	26.8
108	19.3	15.0	22.6

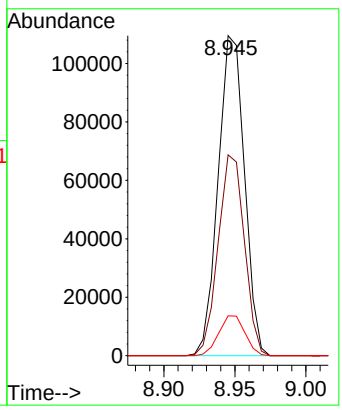




#41
Hexachlorocyclopentadiene
Concen: 66.154 ng
RT: 8.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:237 Resp: 14138

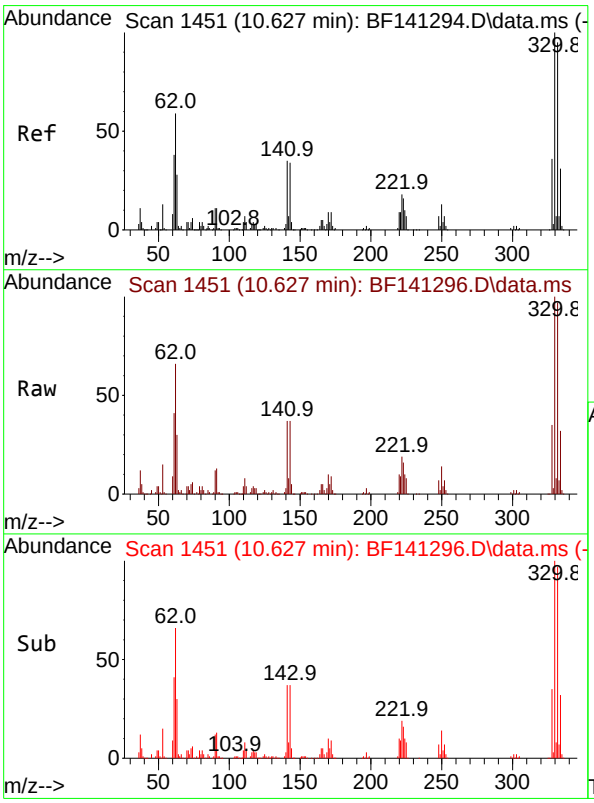
Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.9	82.9
272	12.5	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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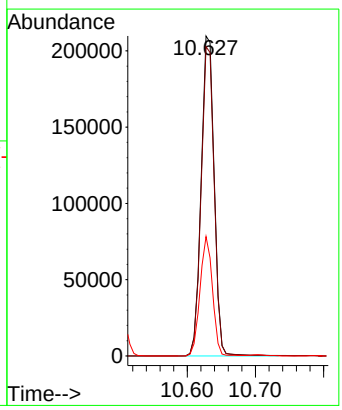
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

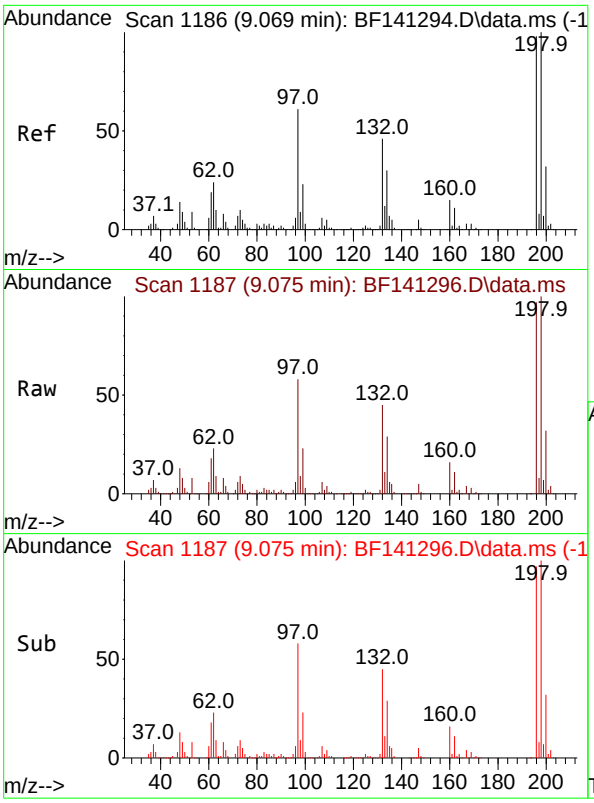


#42
2,4,6-Tribromophenol
Concen: 113.824 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:330 Resp: 279105

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	35.8	28.8	43.2

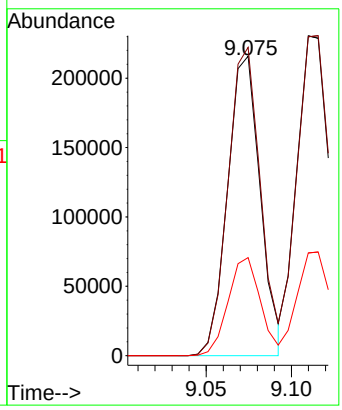




#43
2,4,6-Trichlorophenol
Concen: 58.588 ng
RT: 9.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:196 Resp: 28829

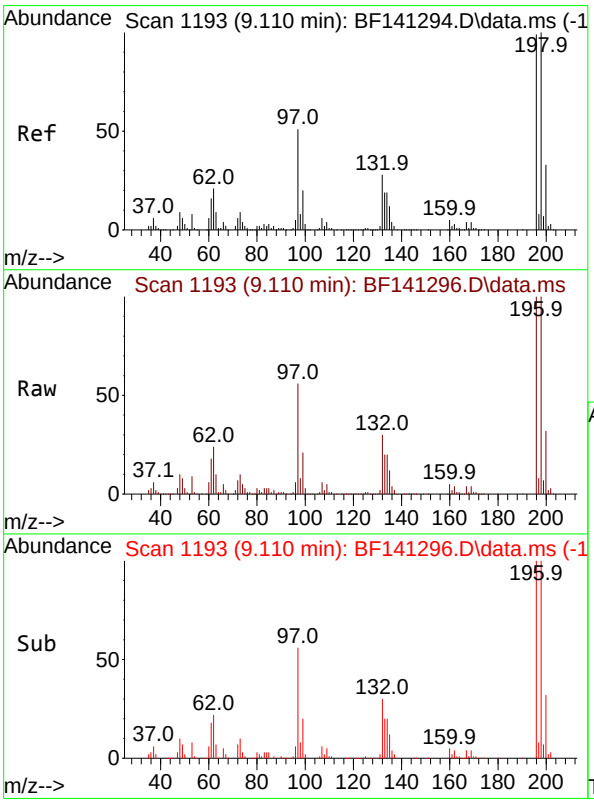
Ion	Ratio	Lower	Upper
196	100		
198	102.9	81.8	122.6
200	32.7	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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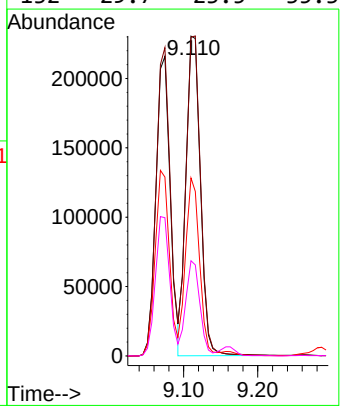
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

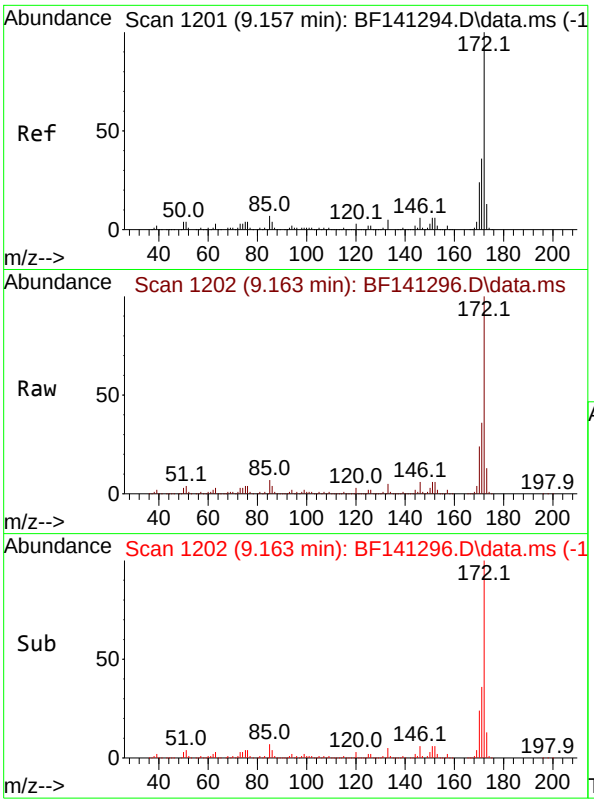


#44
2,4,5-Trichlorophenol
Concen: 59.000 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:196 Resp: 314912

Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.5	120.7
97	55.7	42.8	64.2
132	29.7	23.5	35.3

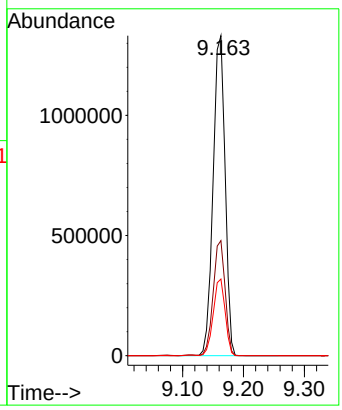




#45
2-Fluorobiphenyl
Concen: 102.411 ng
RT: 9.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:172 Resp: 182437

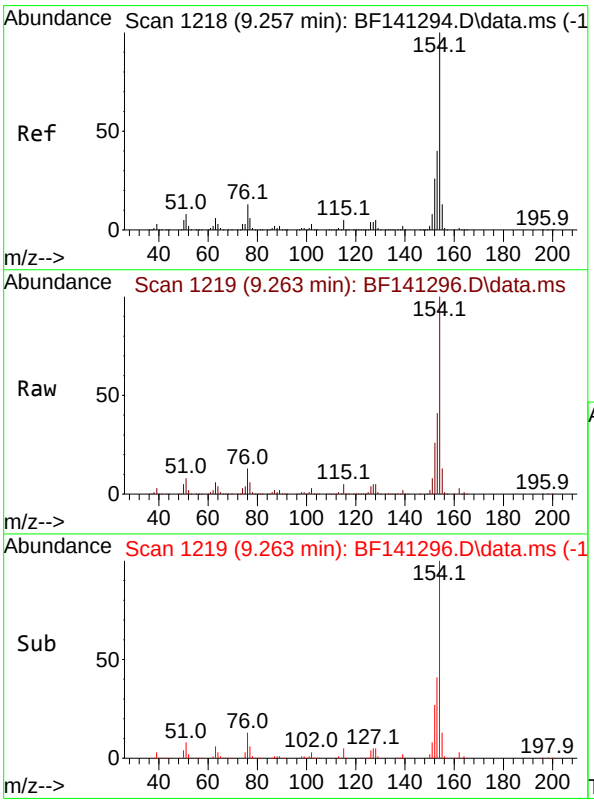
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.0	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

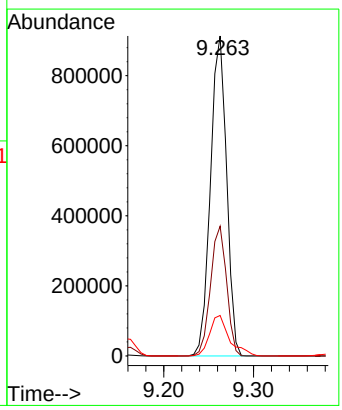
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

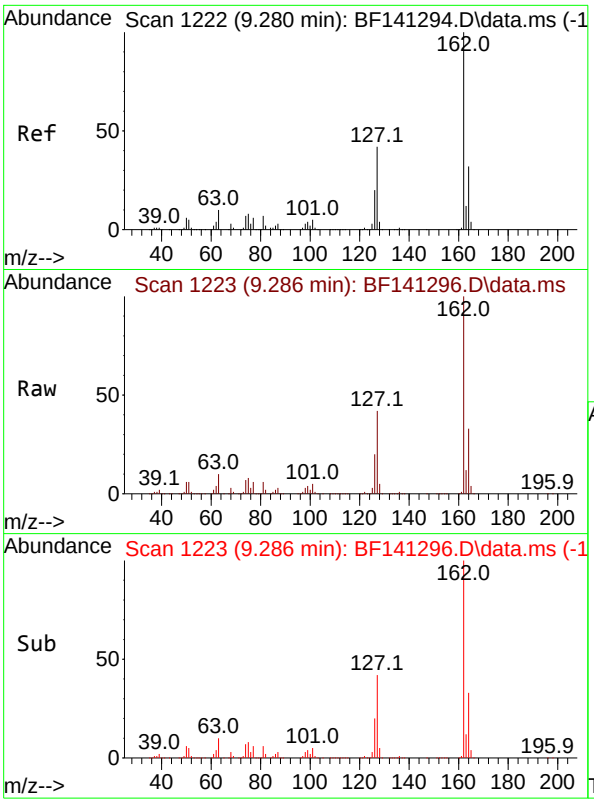


#46
1,1'-Biphenyl
Concen: 54.084 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 1139946

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.0	60.0
76	12.7	0.0	32.8

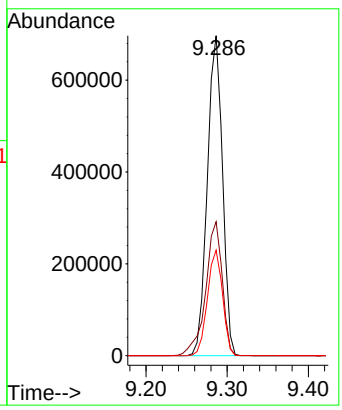




#47
2-Chloronaphthalene
Concen: 55.247 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:162 Resp: 90256

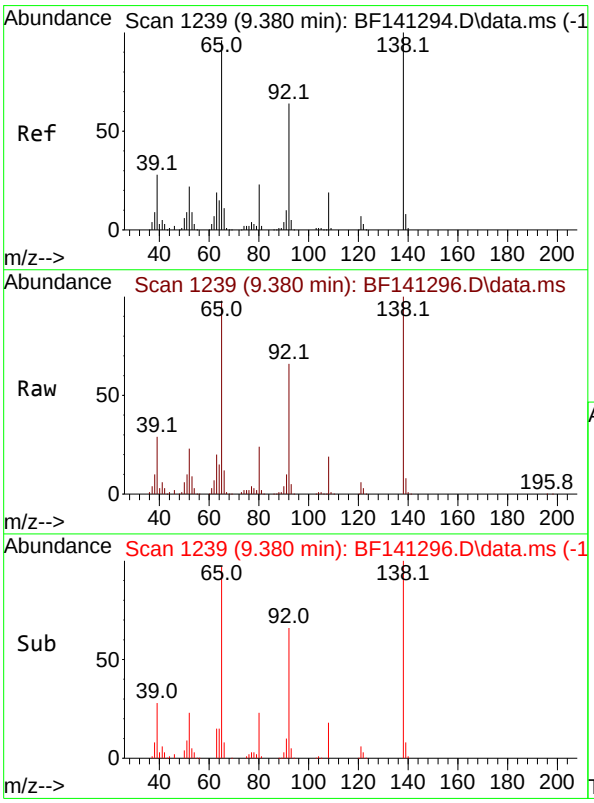
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.7	50.5
164	33.0	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

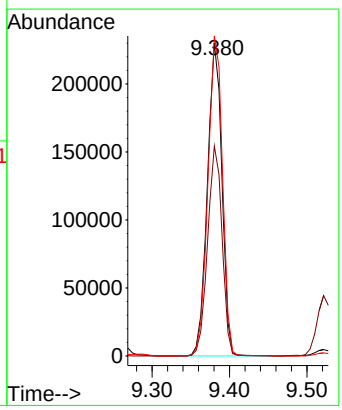
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

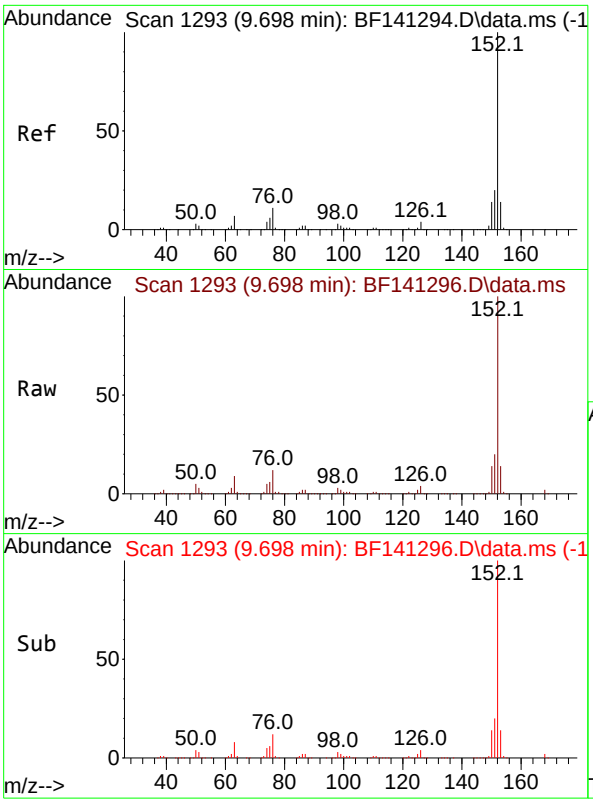


#48
2-Nitroaniline
Concen: 59.861 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 65 Resp: 300339

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.3	79.9
138	102.3	83.6	125.4

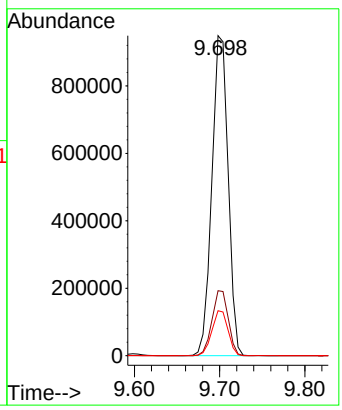




#49
Acenaphthylene
Concen: 54.924 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:152 Resp: 125873

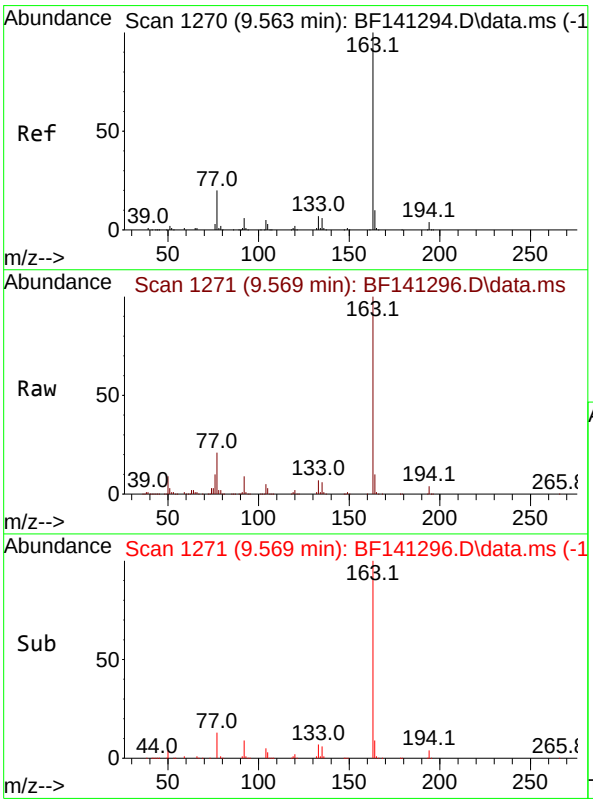
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.1	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

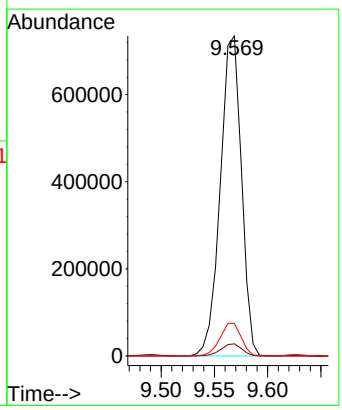
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

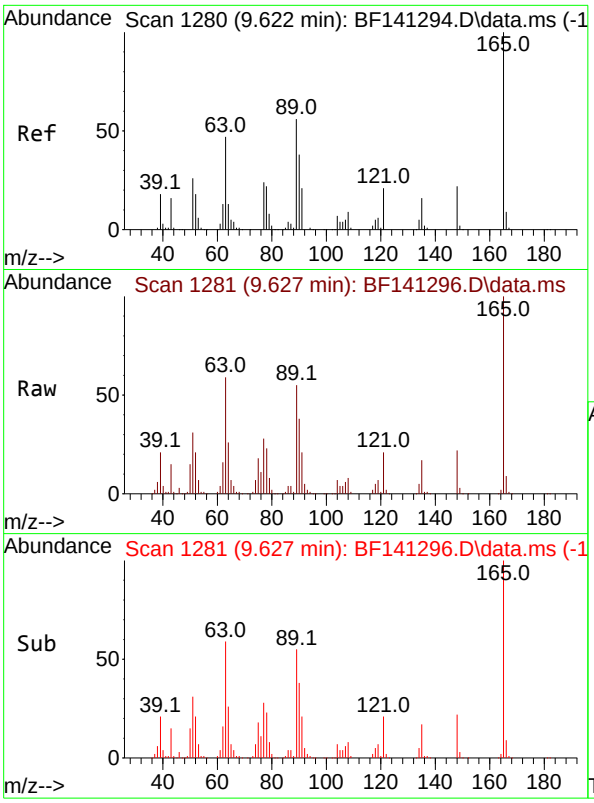


#50
Dimethylphthalate
Concen: 56.075 ng
RT: 9.569 min Scan# 1271
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:163 Resp: 1012298

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0

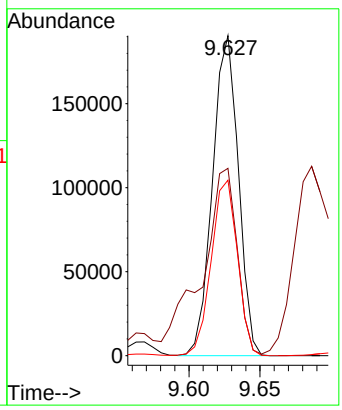




#51
2,6-Dinitrotoluene
Concen: 58.050 ng
RT: 9.627 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:165 Resp: 24124

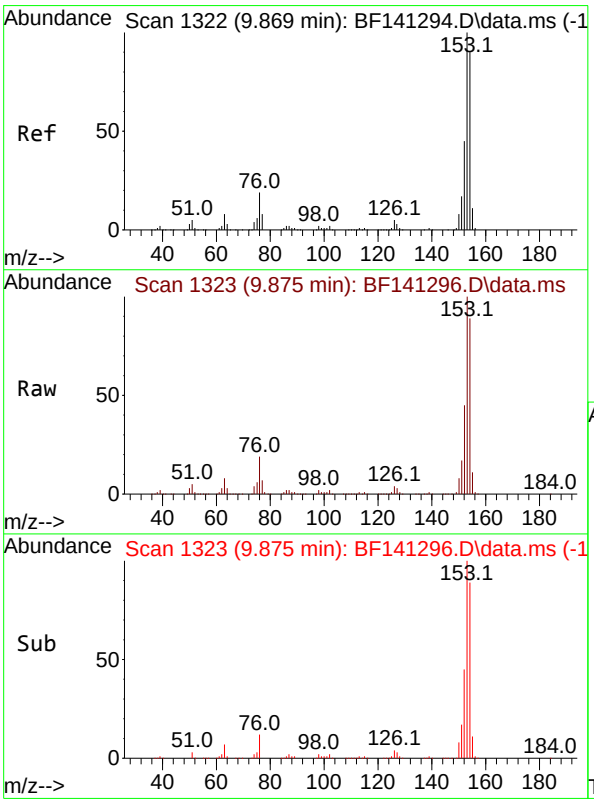
Ion	Ratio	Lower	Upper
165	100		
63	58.5	48.1	72.1
89	54.8	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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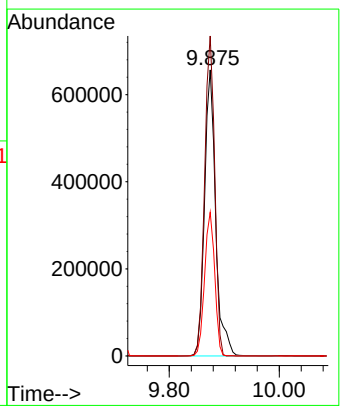
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

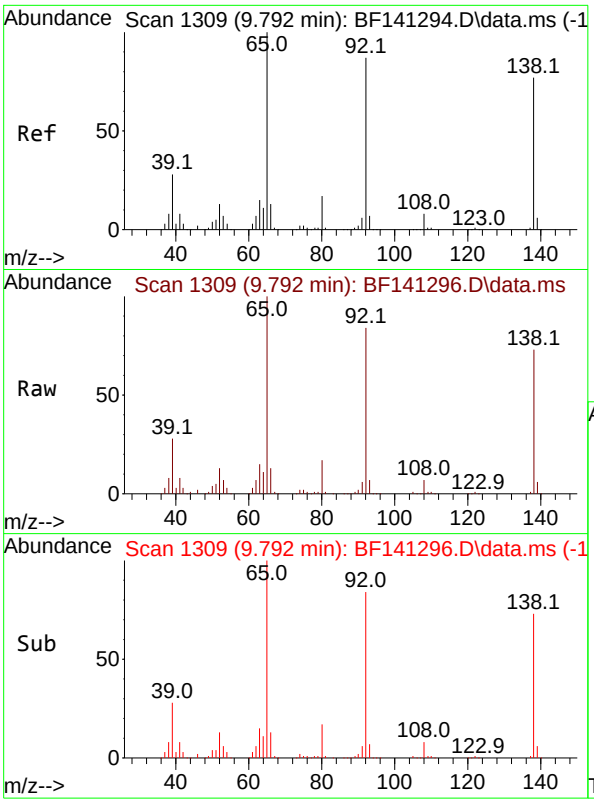


#52
Acenaphthene
Concen: 56.639 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 921519

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.4
152	50.2	40.2	60.4





#53
3-Nitroaniline
Concen: 56.245 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

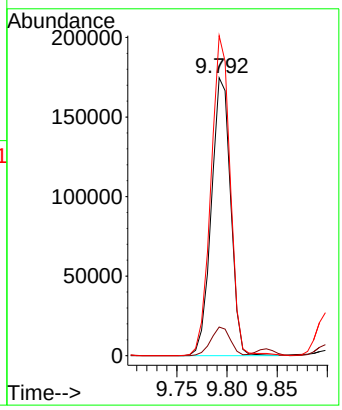
Tgt Ion:138 Resp: 23268

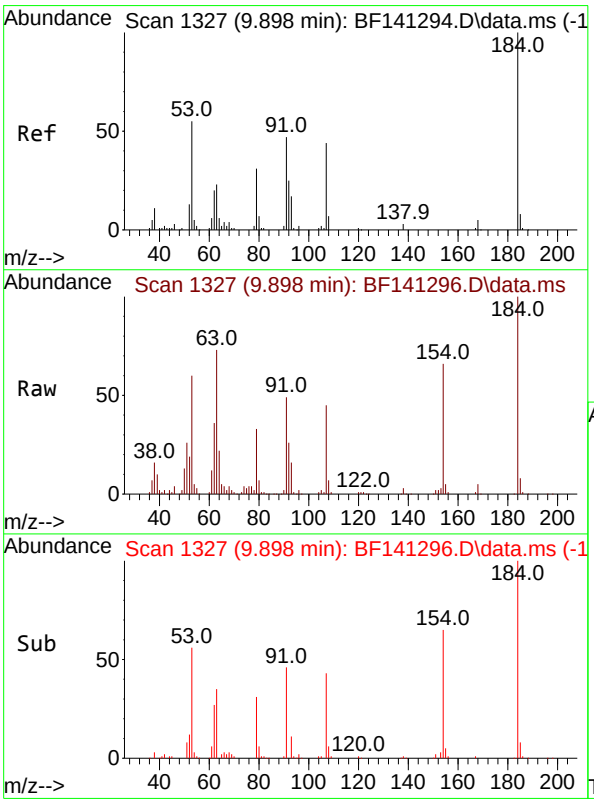
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	115.2	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

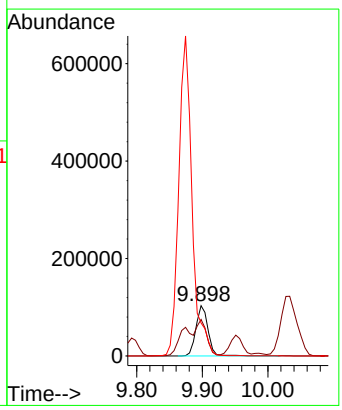


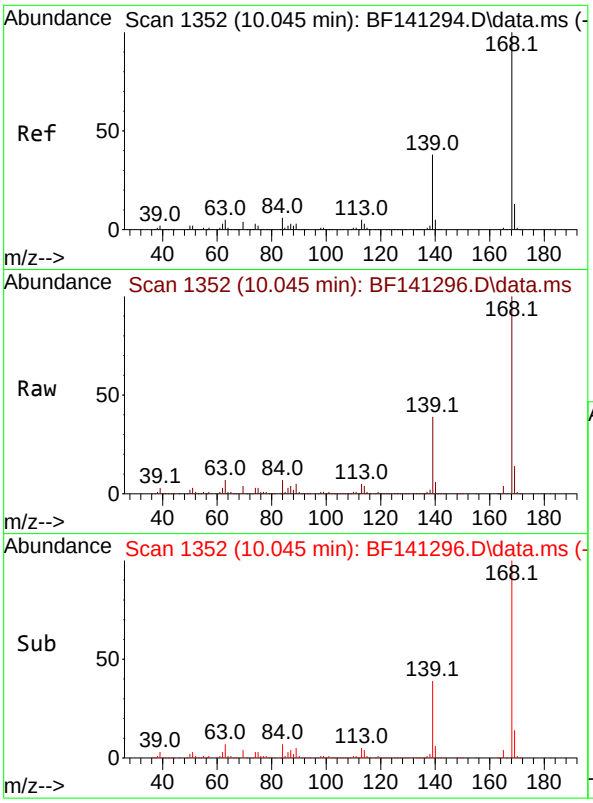


#54
2,4-Dinitrophenol
Concen: 84.109 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:184 Resp: 132244

Ion	Ratio	Lower	Upper
184	100		
63	72.8	54.1	81.1
154	65.5	50.7	76.1

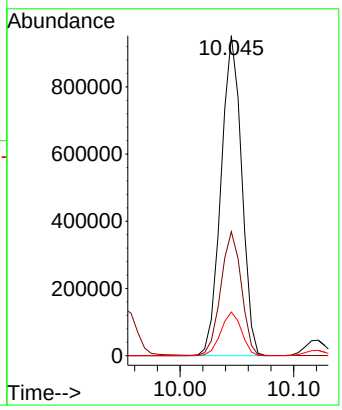




#55
Dibenzofuran
Concen: 54.629 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:168 Resp: 120202

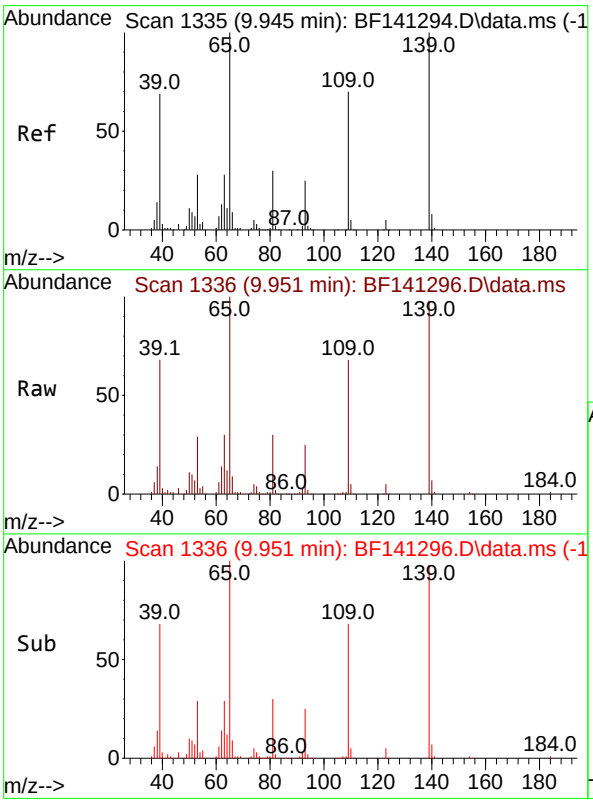
Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	46.0
169	13.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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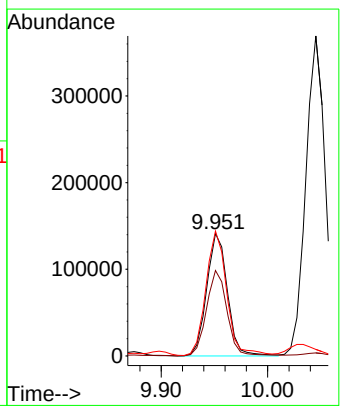
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

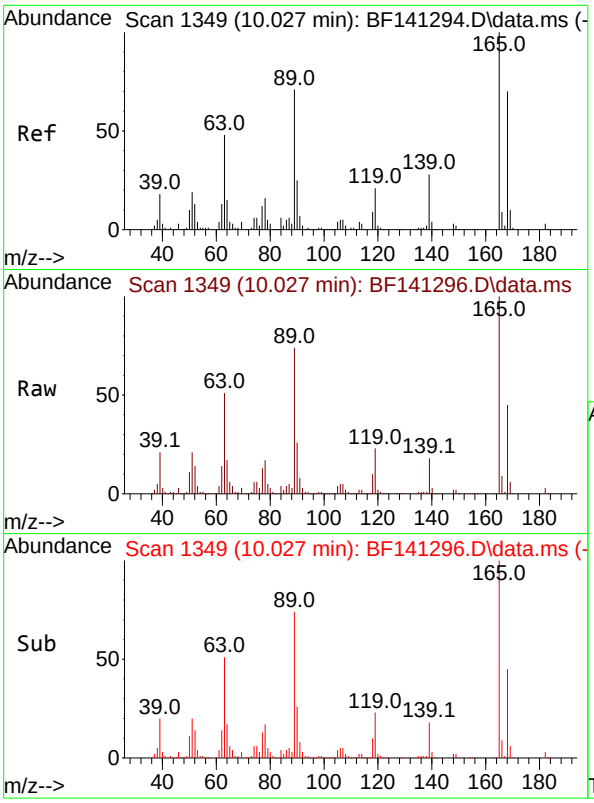


#56
4-Nitrophenol
Concen: 66.120 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 190620

Ion	Ratio	Lower	Upper
139	100		
109	69.8	50.2	90.2
65	102.1	80.6	120.6

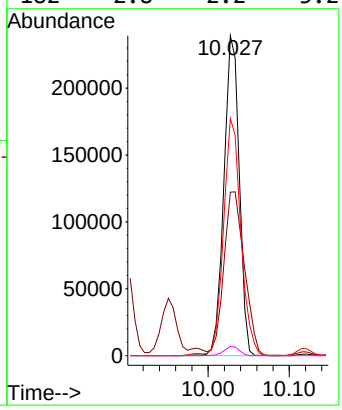




#57
2,4-Dinitrotoluene
Concen: 58.312 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:165 Resp: 31522

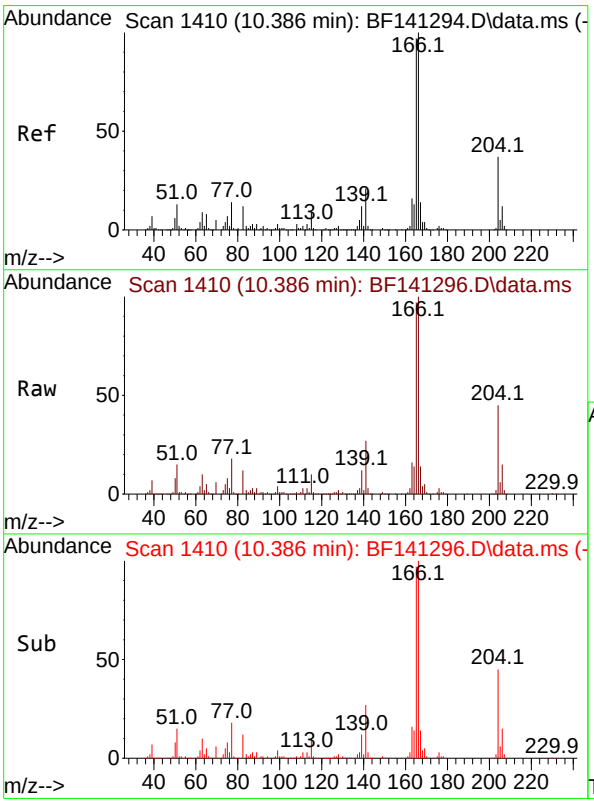
Ion	Ratio	Lower	Upper
165	100		
63	51.1	39.2	58.8
89	74.2	56.9	85.3
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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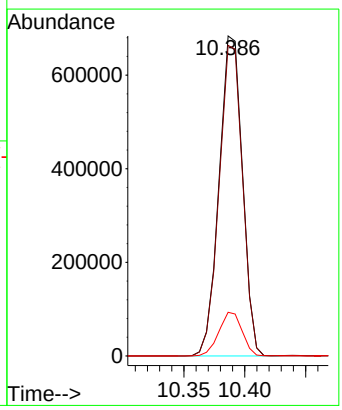
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

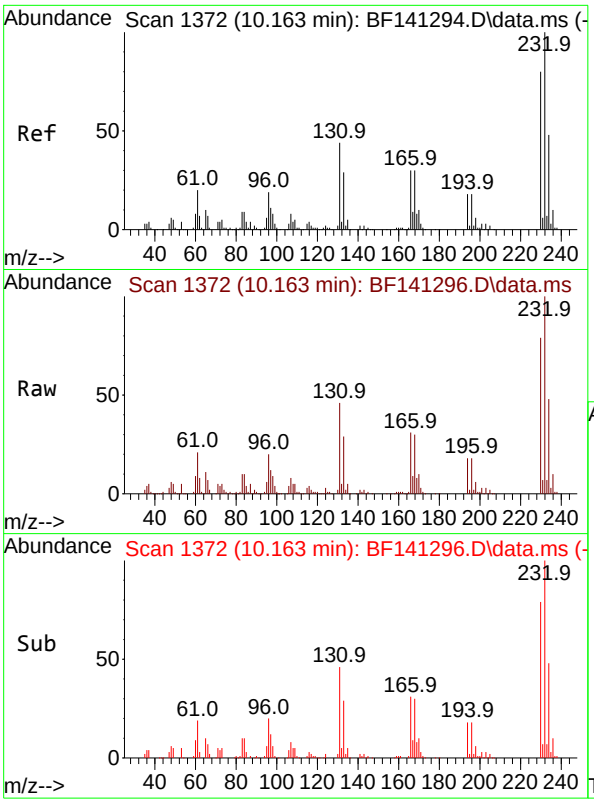


#58
Fluorene
Concen: 53.236 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:166 Resp: 915246

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.5	116.3
167	13.6	10.9	16.3

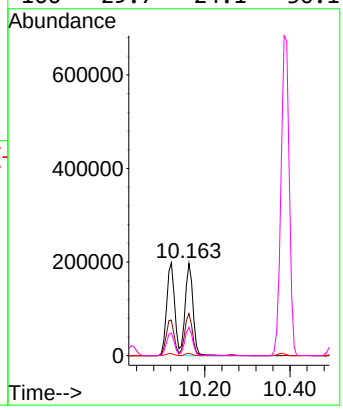




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.106 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:232 Resp: 25296

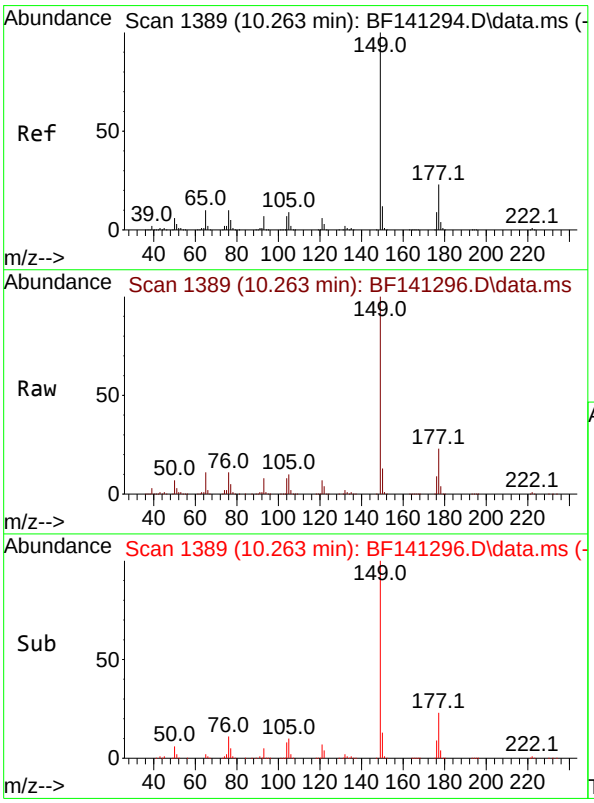
Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.4	54.6
130	2.3	1.9	2.9
166	29.7	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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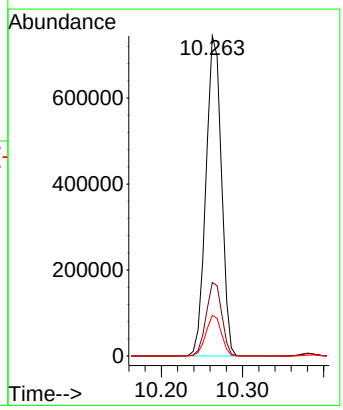
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

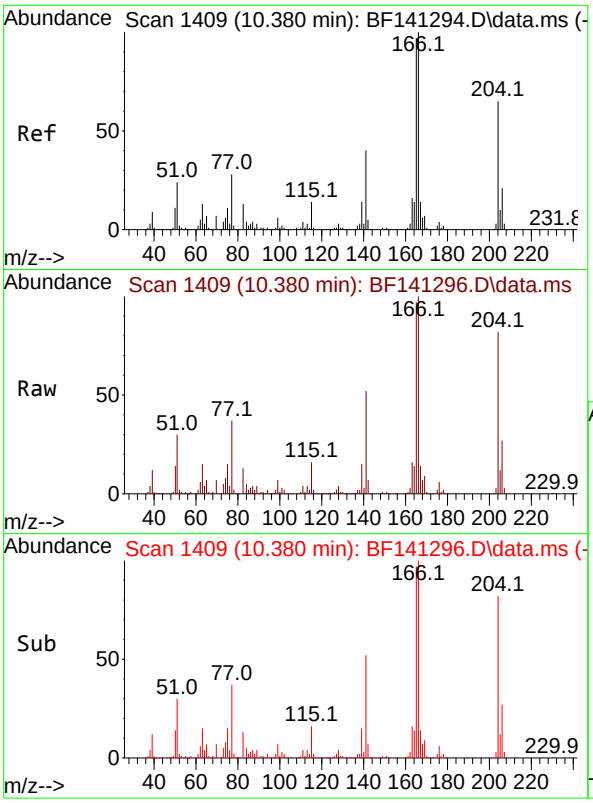


#60
Diethylphthalate
Concen: 55.897 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 983788

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.7	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 53.136 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

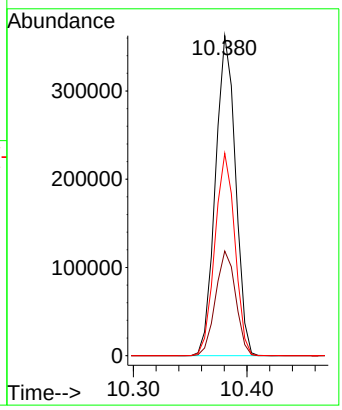
Tgt Ion:204 Resp: 44584

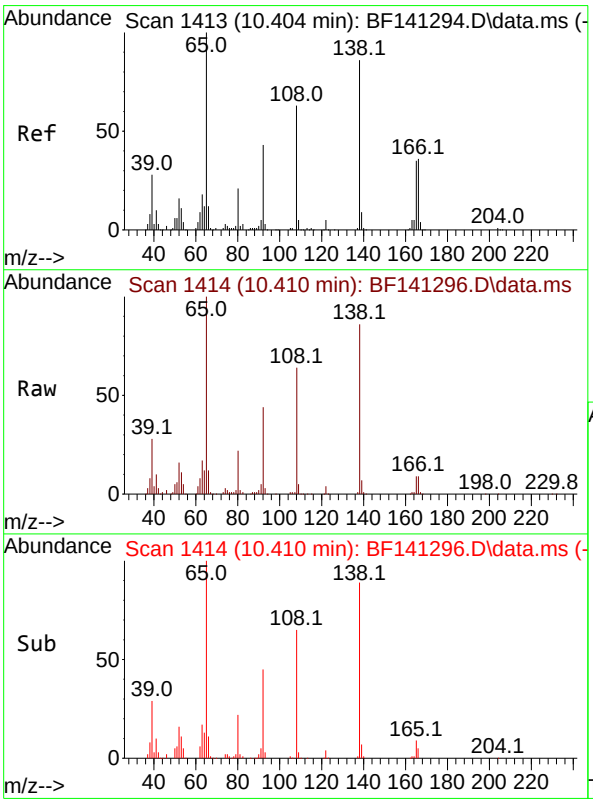
Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	63.2	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

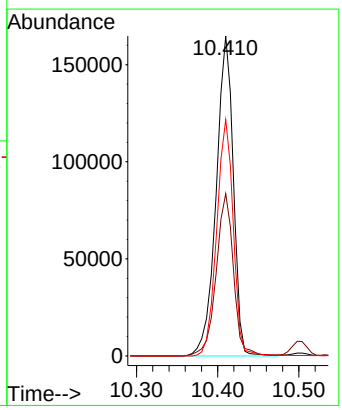


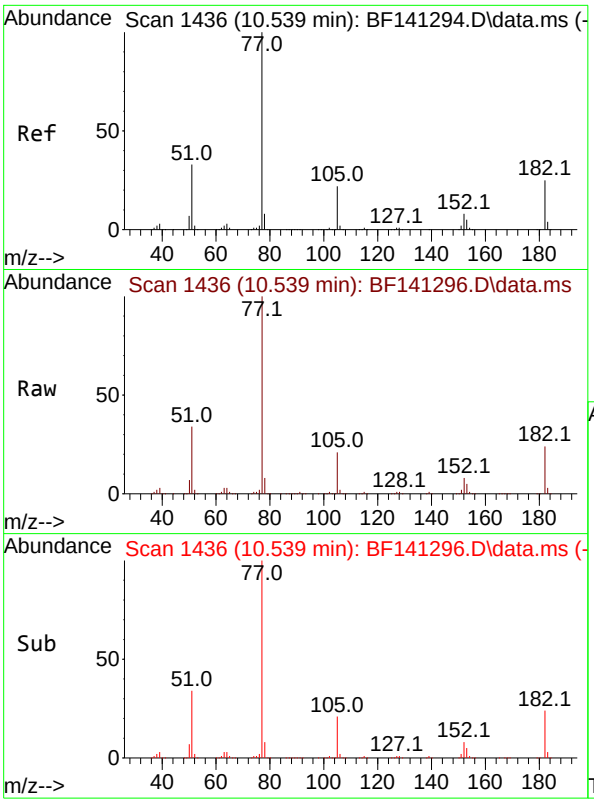


#62
4-Nitroaniline
Concen: 61.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:138 Resp: 242716

Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.1	70.1
108	73.8	53.1	93.1

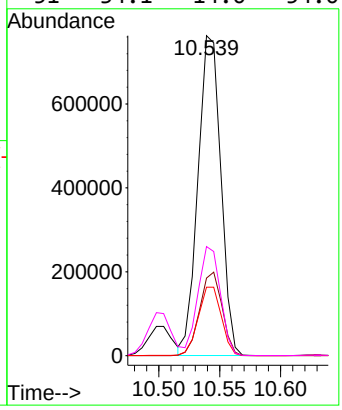




#63
Azobenzene
Concen: 56.821 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 99660

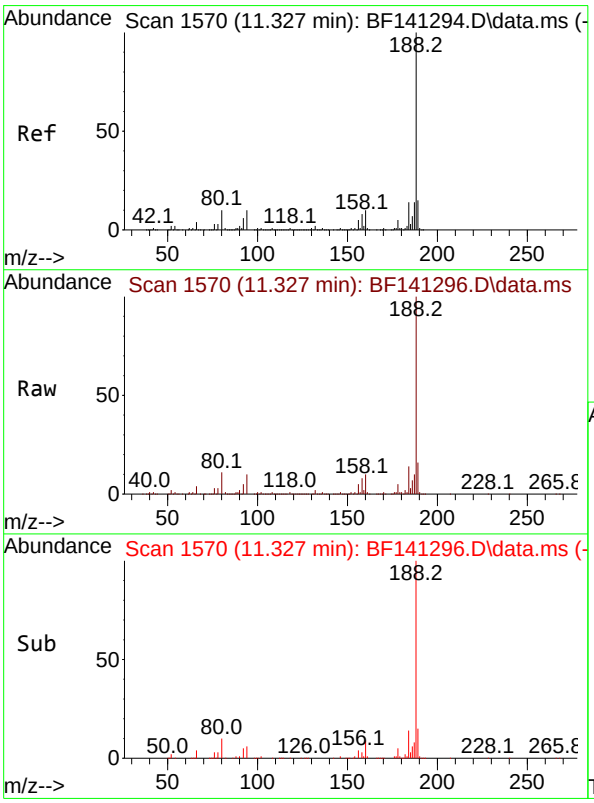
Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.1	45.1
105	21.4	1.8	41.8
51	34.1	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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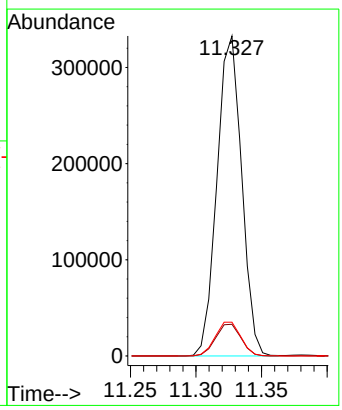
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

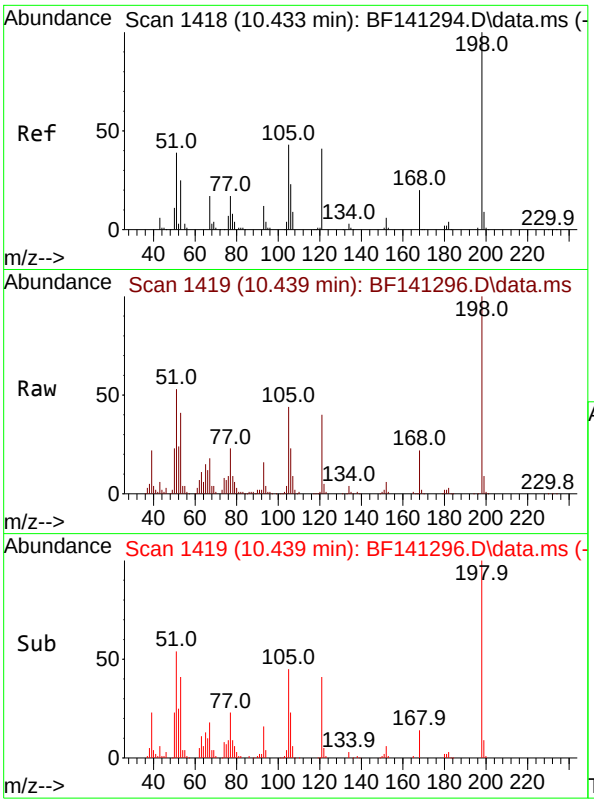


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:188 Resp: 434671

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.6	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 71.103 ng
RT: 10.439 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

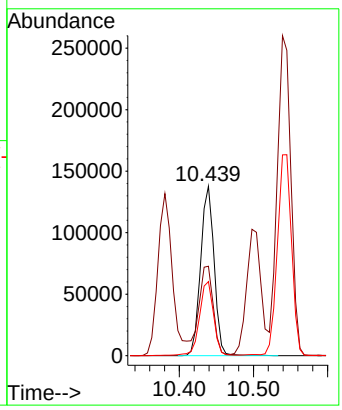
Tgt Ion:198 Resp: 17424

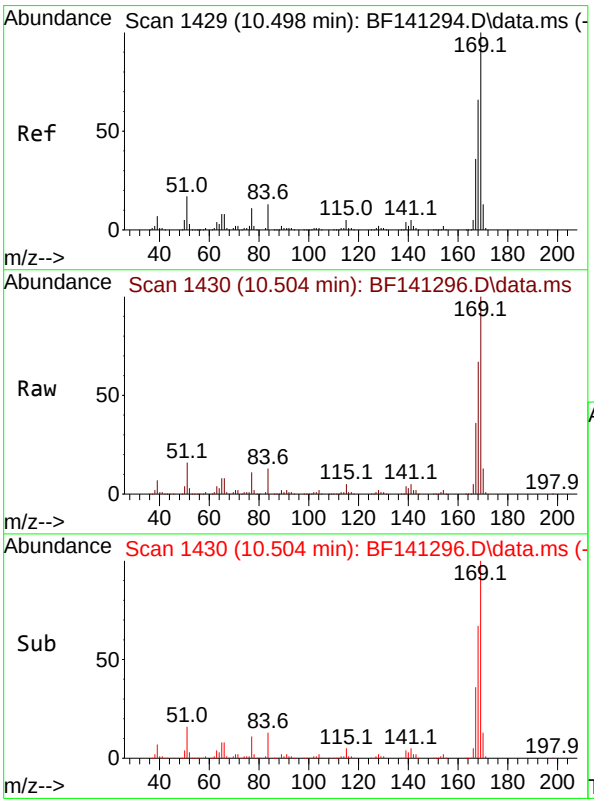
Ion	Ratio	Lower	Upper
198	100		
51	52.8	33.4	73.4
105	43.7	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

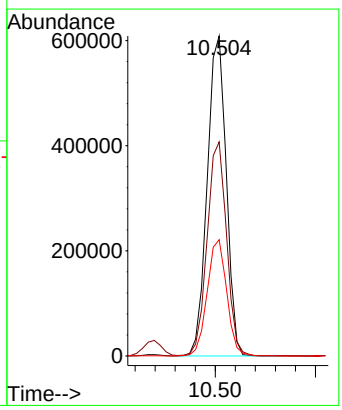


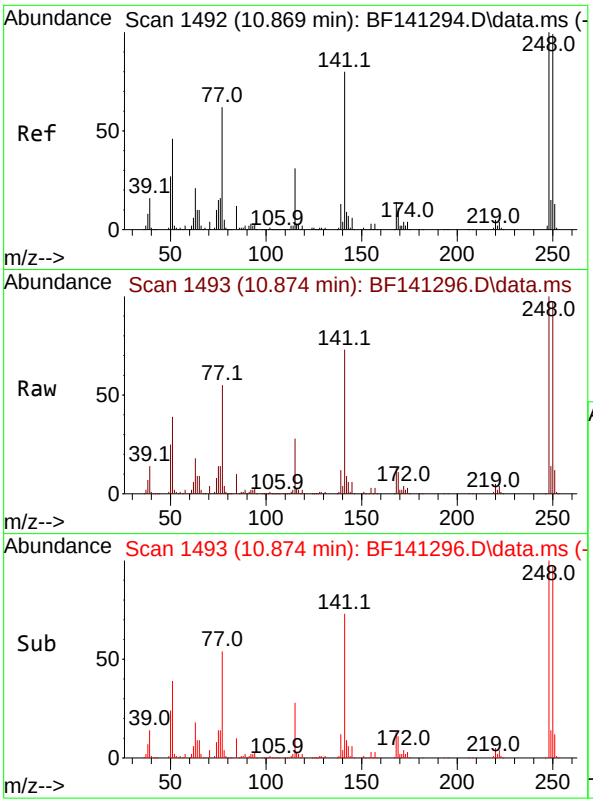


#66
n-Nitrosodiphenylamine
Concen: 55.423 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:169 Resp: 800147

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	36.3	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 57.957 ng
RT: 10.874 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

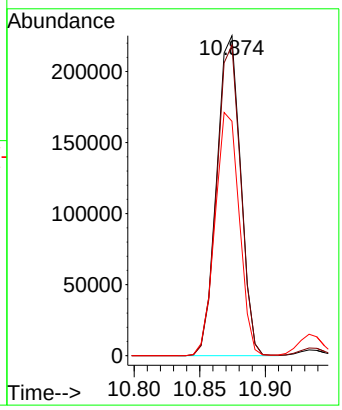
Tgt Ion:248 Resp: 28664

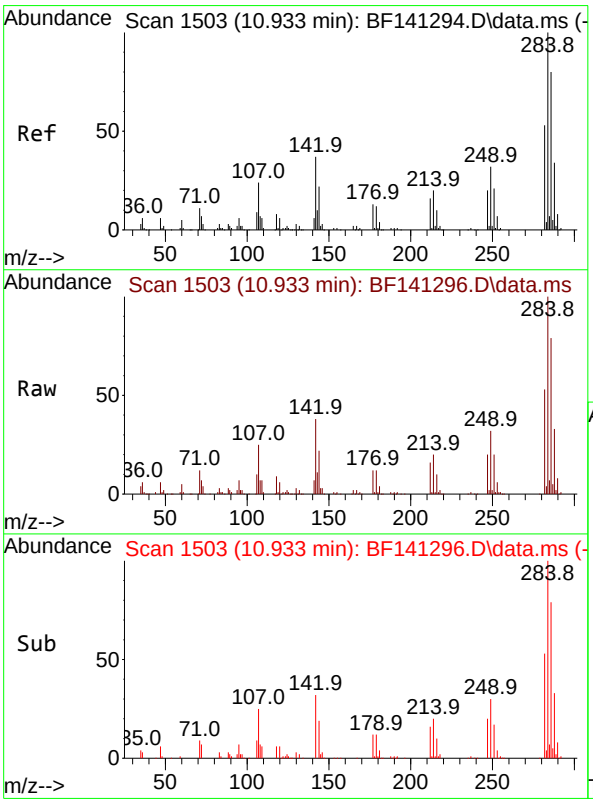
Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.4
141	73.2	63.7	95.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

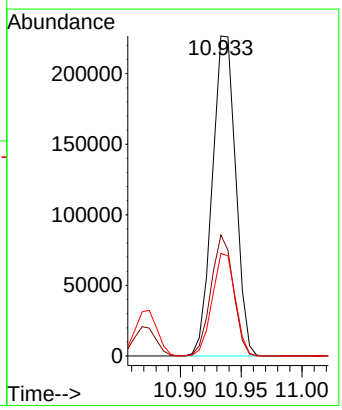


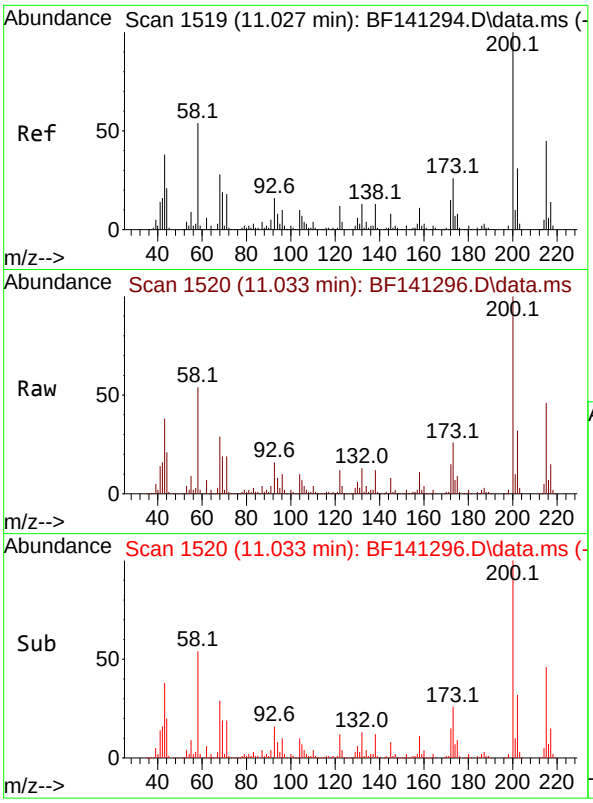


#68
Hexachlorobenzene
Concen: 57.366 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:284 Resp: 302508

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.5	44.3
249	32.0	25.4	38.2

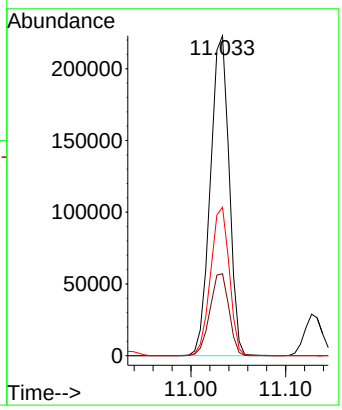




#69
Atrazine
Concen: 66.863 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:200 Resp: 30652

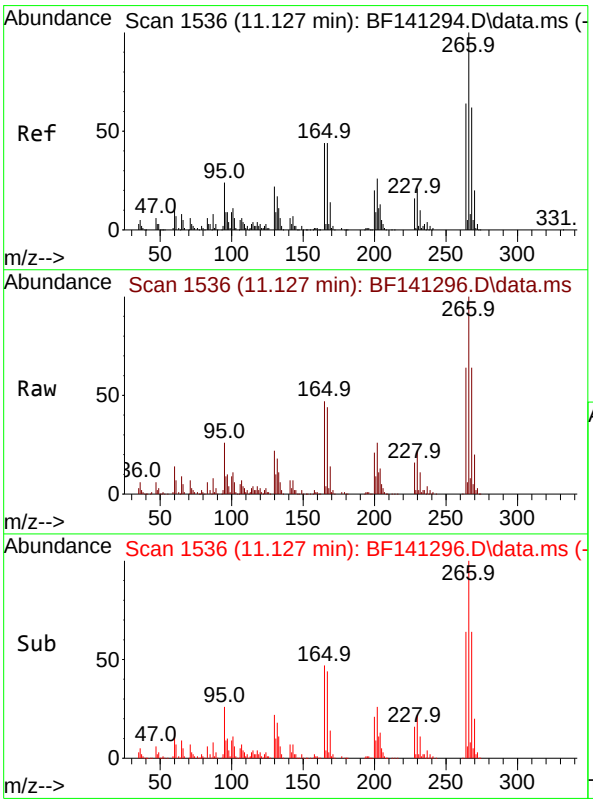
Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.9	45.9
215	46.4	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

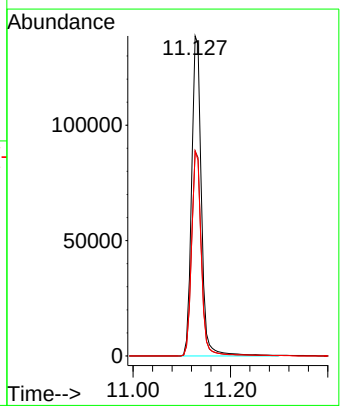
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

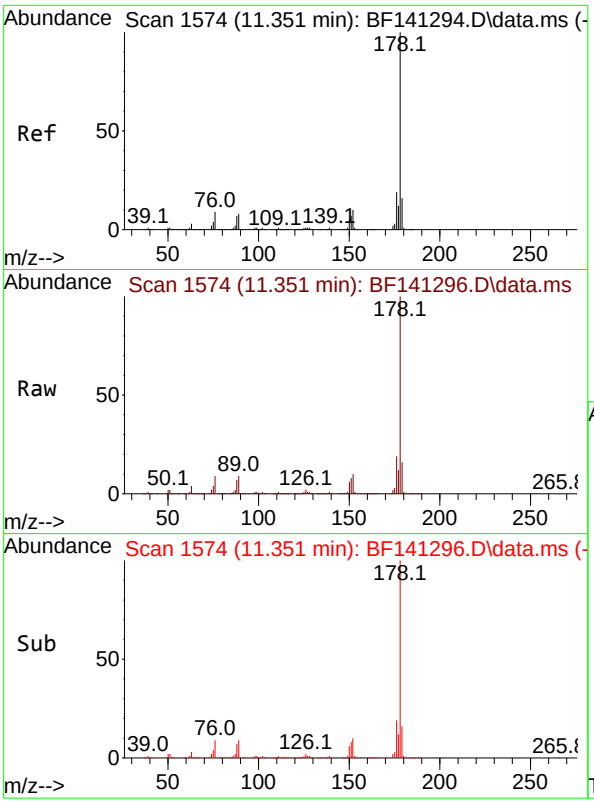


#70
Pentachlorophenol
Concen: 65.443 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:266 Resp: 194335

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.9	74.9
264	63.9	51.0	76.4

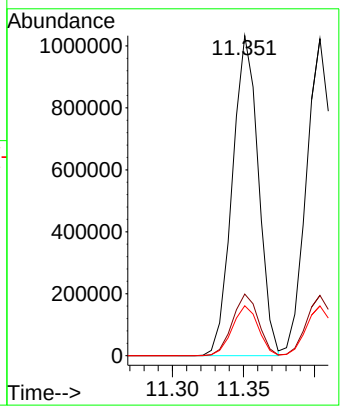




#71
Phenanthrene
Concen: 54.311 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 131698

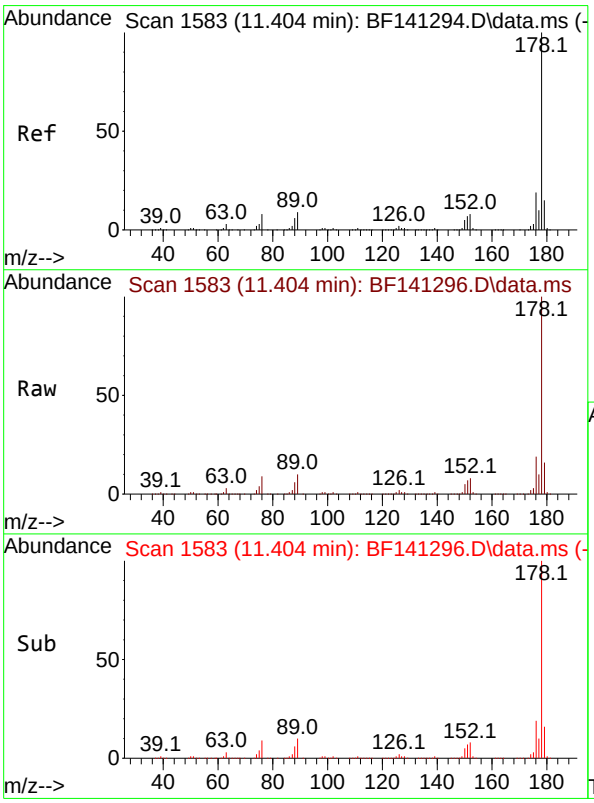
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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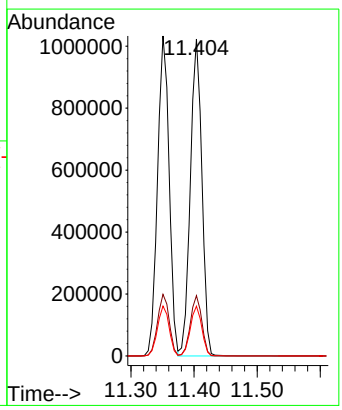
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

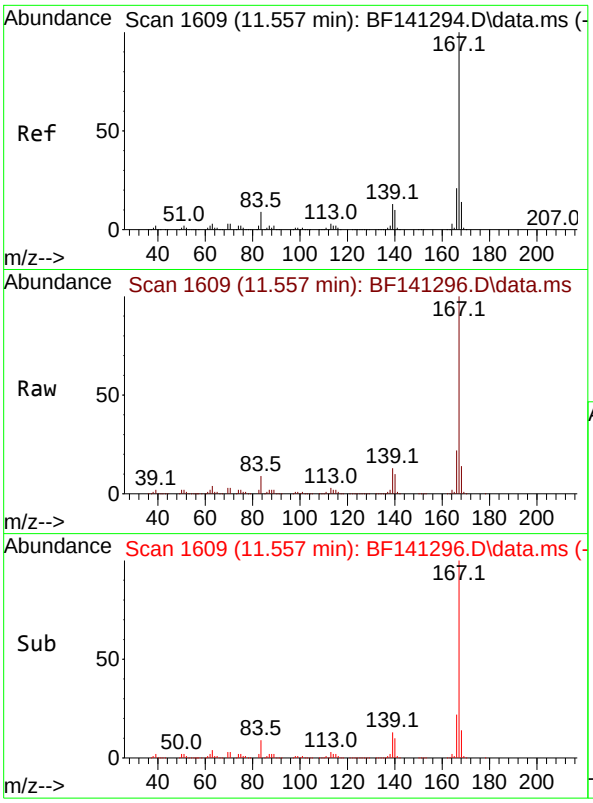


#72
Anthracene
Concen: 54.763 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 1298334

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.7	12.3	18.5

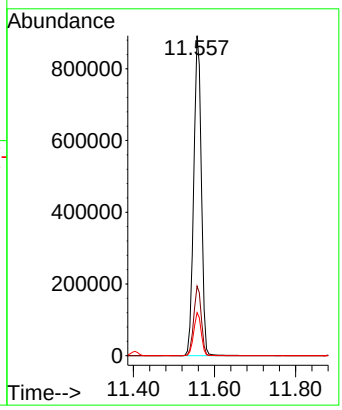




#73
Carbazole
Concen: 55.874 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:167 Resp: 117333

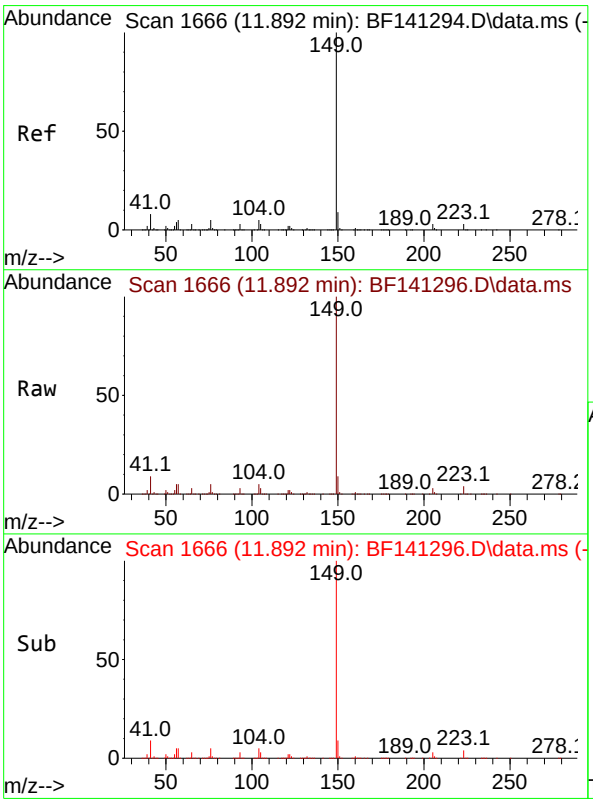
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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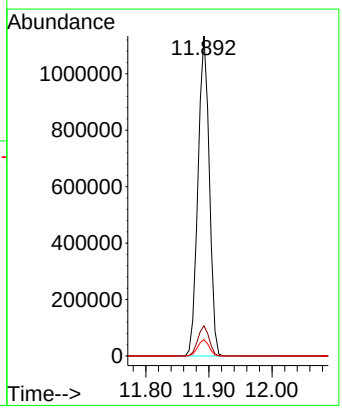
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

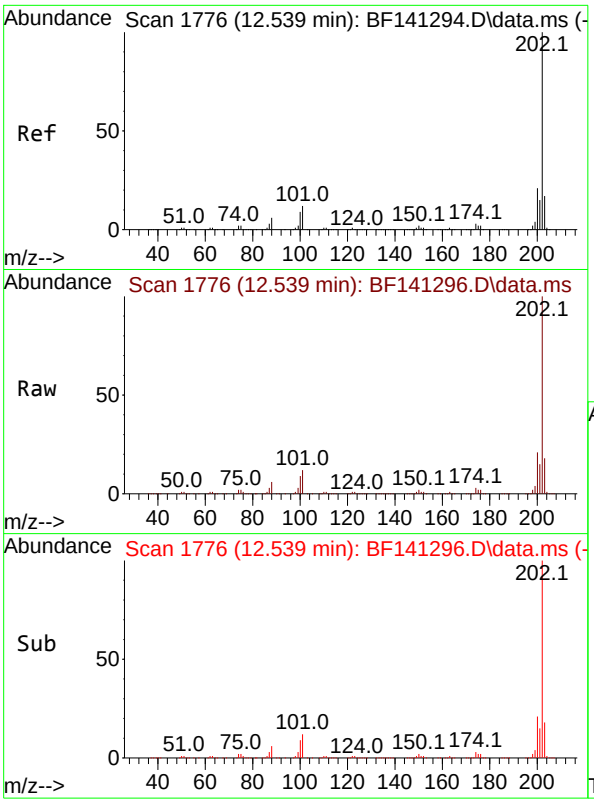


#74
Di-n-butylphthalate
Concen: 55.325 ng
RT: 11.892 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 1410222

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	3.9	5.9





#75
Fluoranthene
Concen: 52.878 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

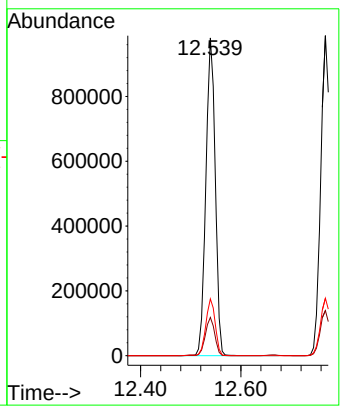
Tgt Ion:202 Resp: 127999

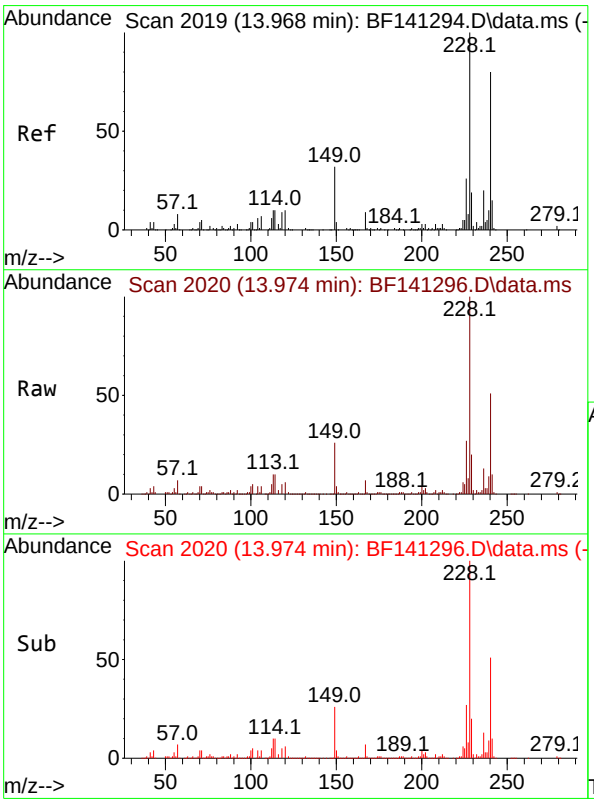
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.9	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

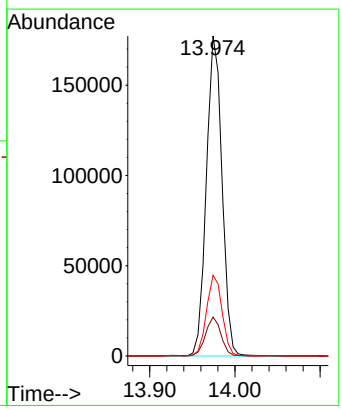


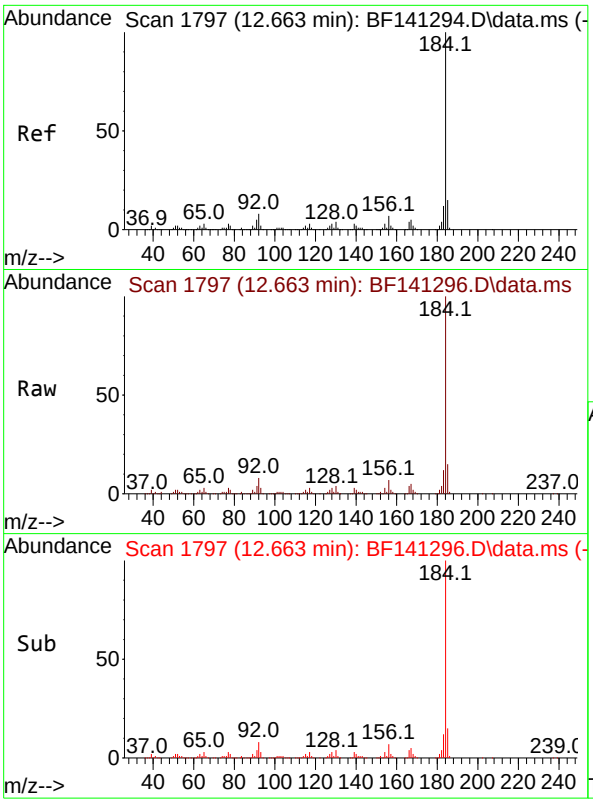


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:240 Resp: 225615

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.0	15.0
236	25.2	19.7	29.5

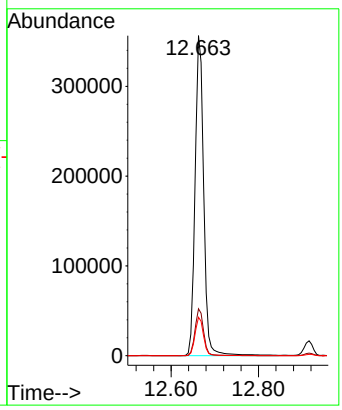




#77
Benzidine
Concen: 67.692 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:184 Resp: 490009

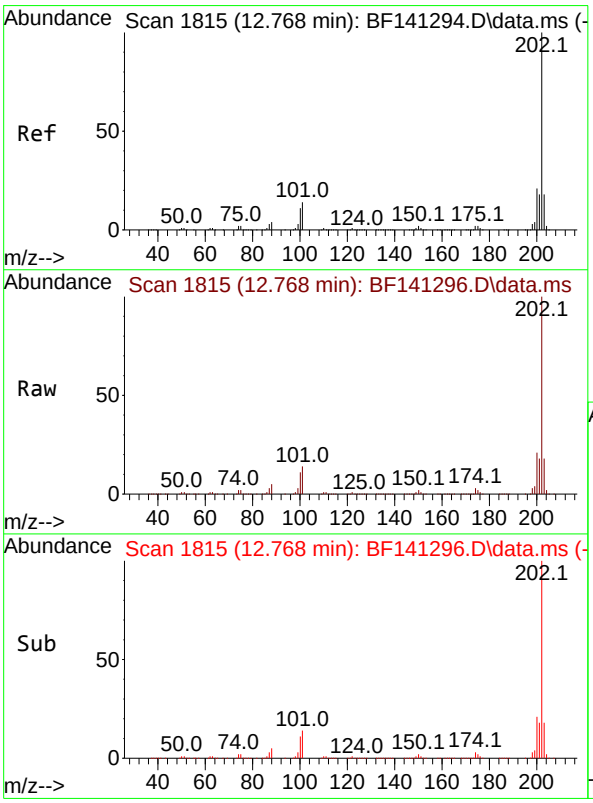
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	12.0	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

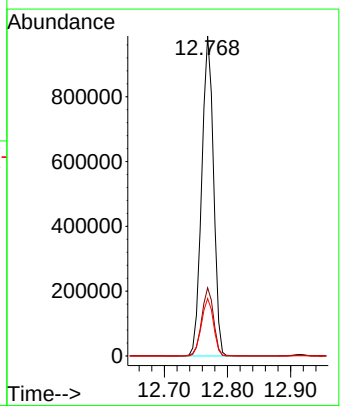
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

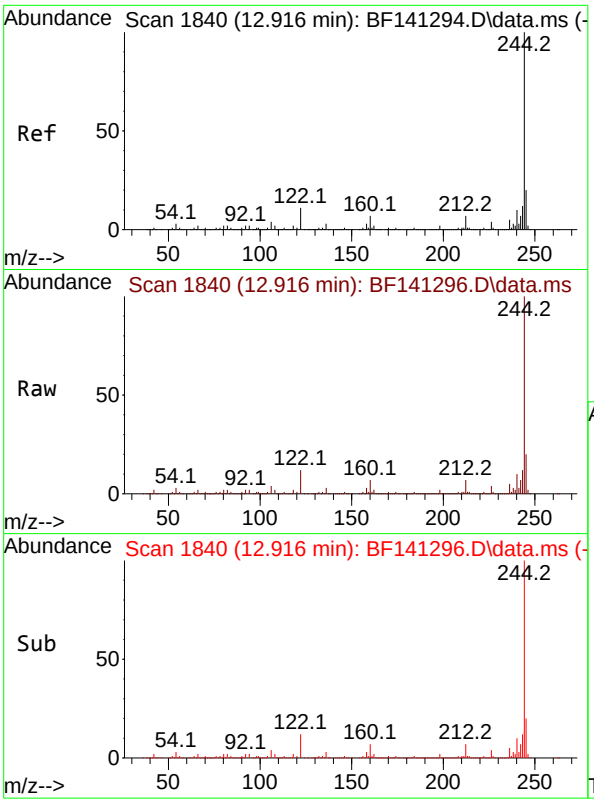


#78
Pyrene
Concen: 57.717 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:202 Resp: 1284820

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.0	14.3	21.5

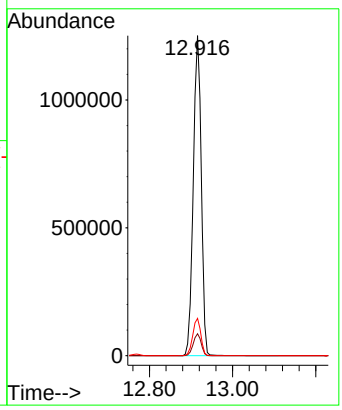




#79
Terphenyl-d14
Concen: 109.453 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:244 Resp: 166559

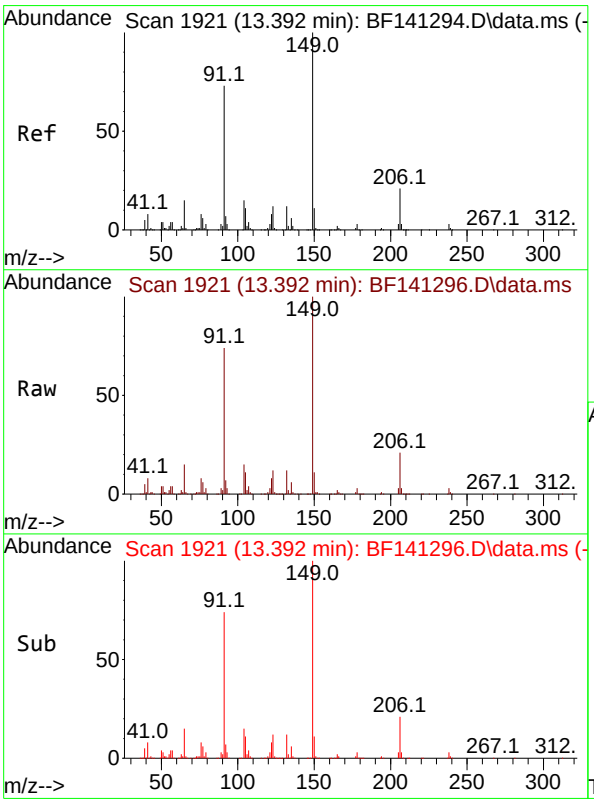
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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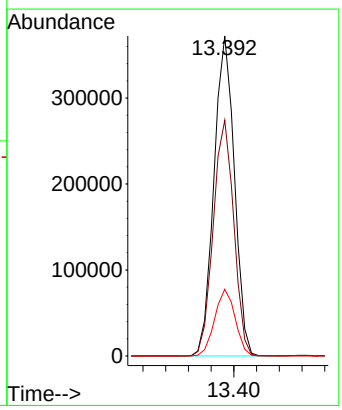
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

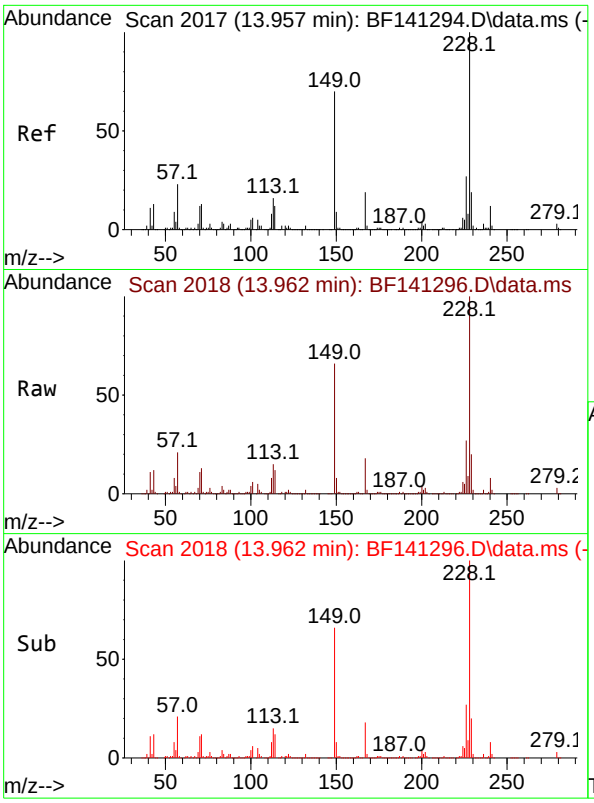


#80
Butylbenzylphthalate
Concen: 60.745 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 465533

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	20.8	16.7	25.1

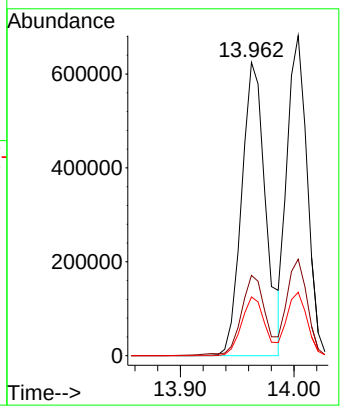




#81
Benzo(a)anthracene
Concen: 57.742 ng
RT: 13.962 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:228 Resp: 91721

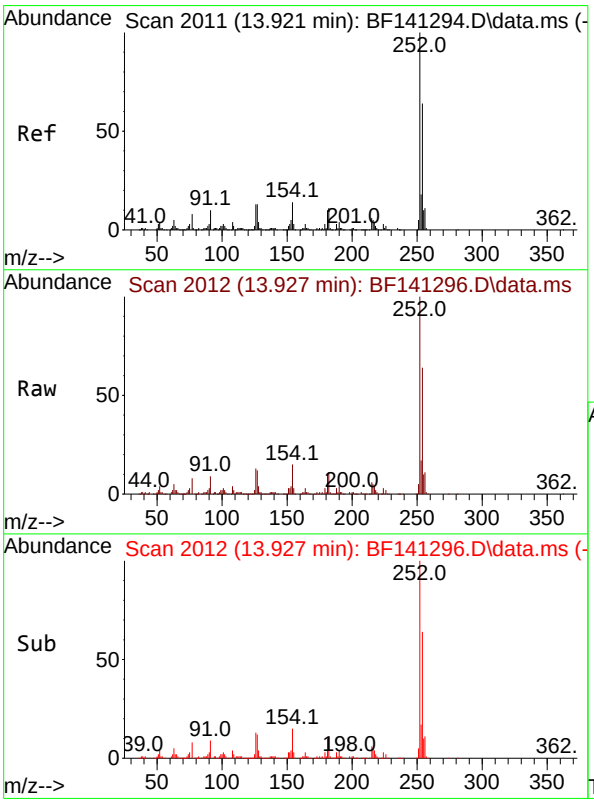
Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.0	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

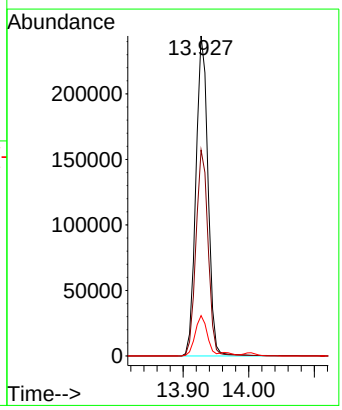
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

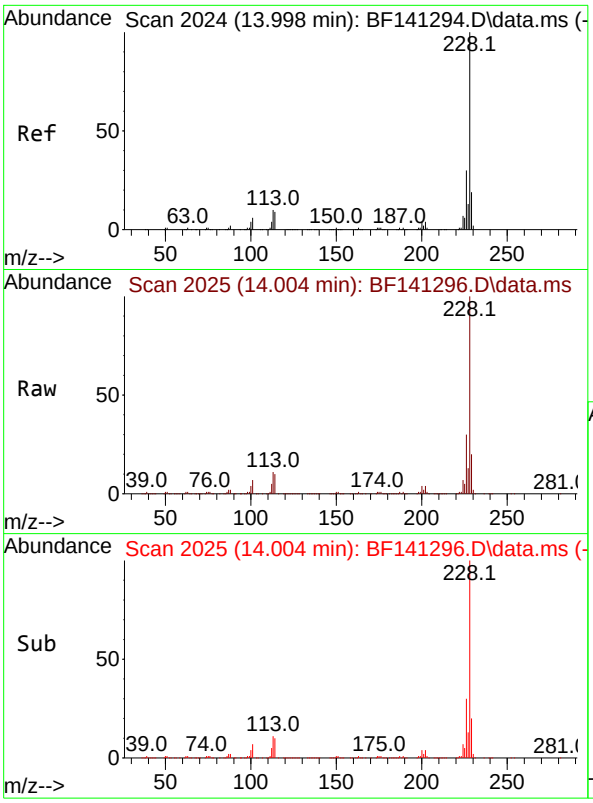


#82
3,3'-Dichlorobenzidine
Concen: 64.819 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 315503

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	12.6	10.0	15.0





#83
Chrysene
Concen: 58.239 ng
RT: 14.004 min Scan# 2(
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

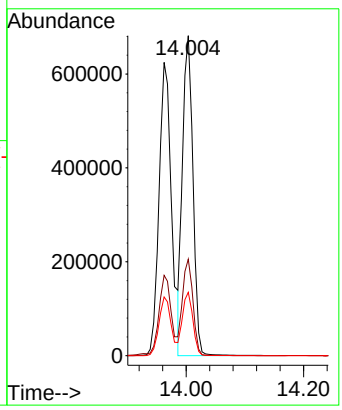
Tgt Ion:228 Resp: 84112(

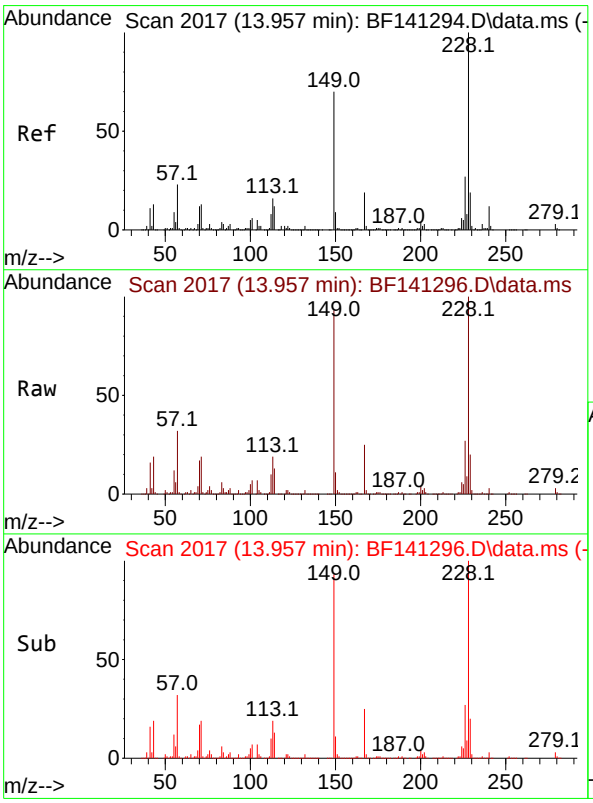
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

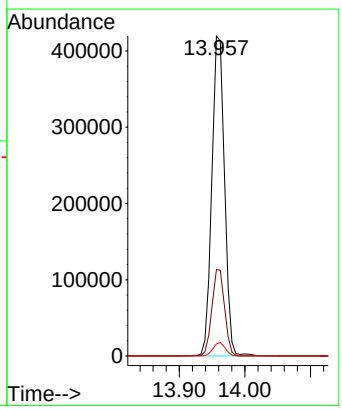


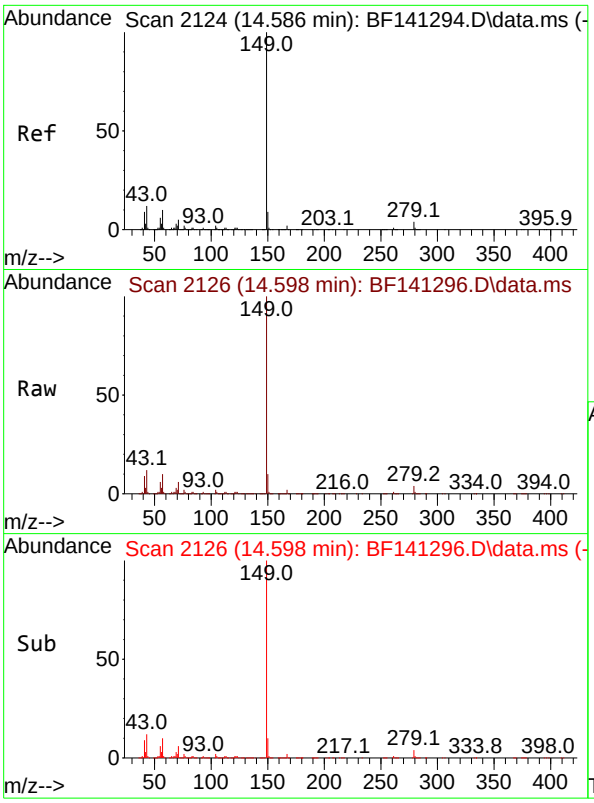


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.438 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 564642

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.8	3.3	4.9

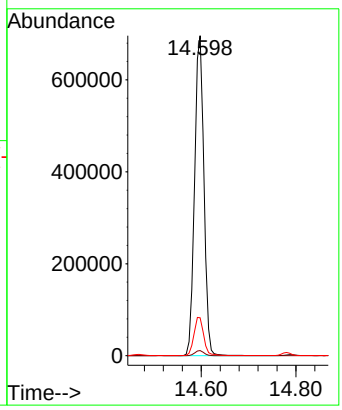




#85
Di-n-octyl phthalate
Concen: 64.953 ng
RT: 14.598 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 95147

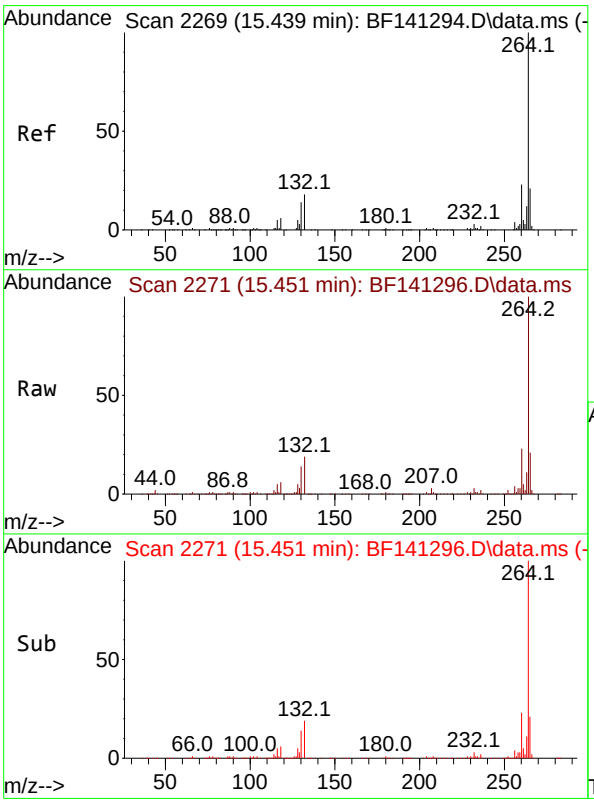
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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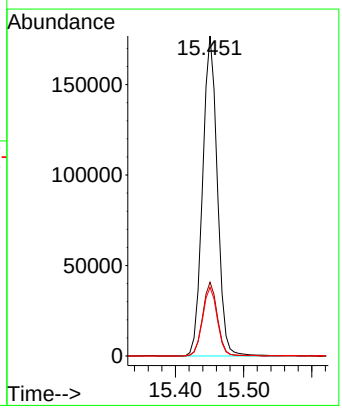
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

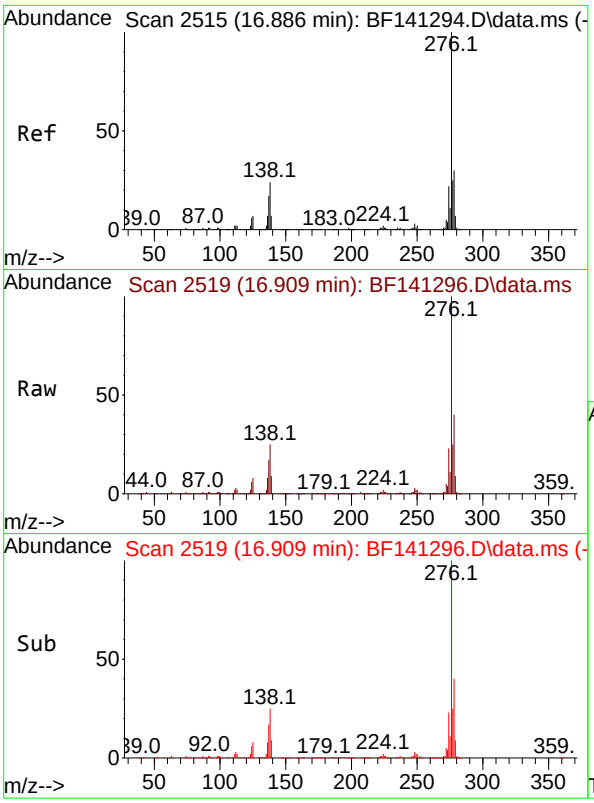


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:264 Resp: 265921

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.5	16.7	25.1

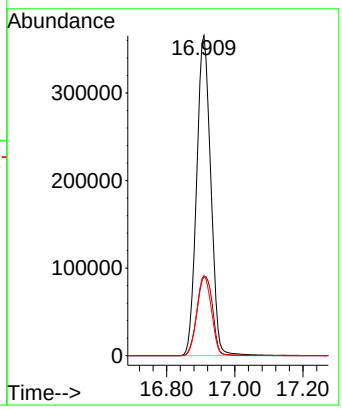




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.732 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 105498

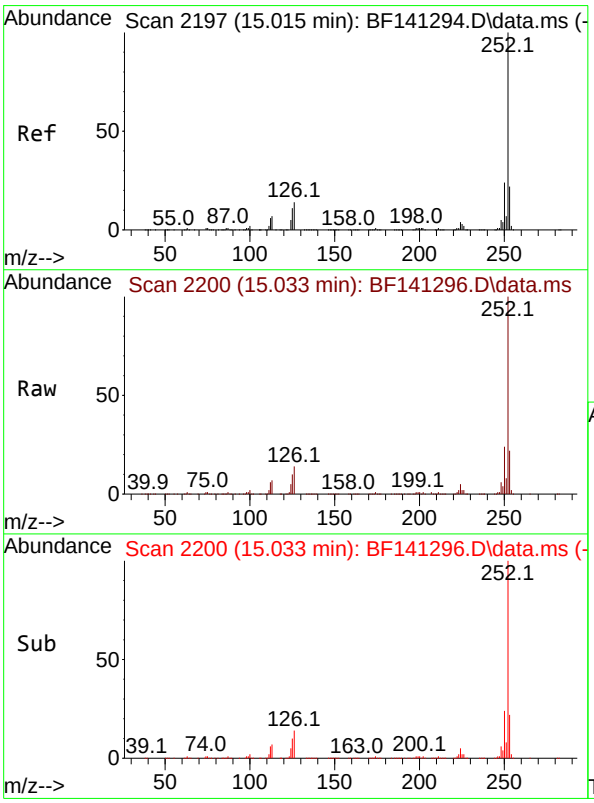
Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.8	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

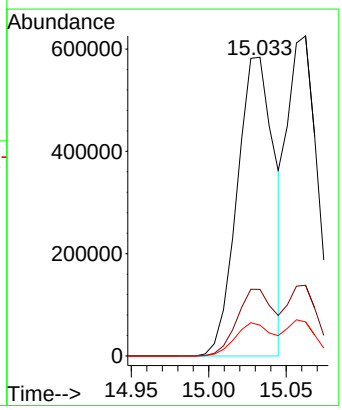
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

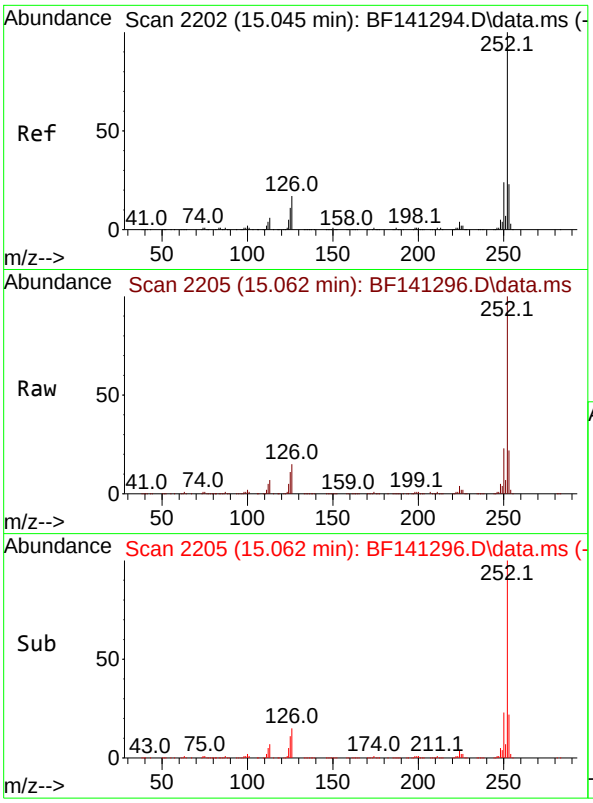


#88
Benzo(b)fluoranthene
Concen: 56.615 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 971433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.3	8.6	12.8

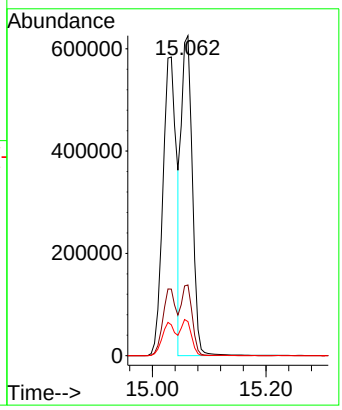




#89
Benzo(k)fluoranthene
Concen: 55.934 ng
RT: 15.062 min Scan# 2
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 84584

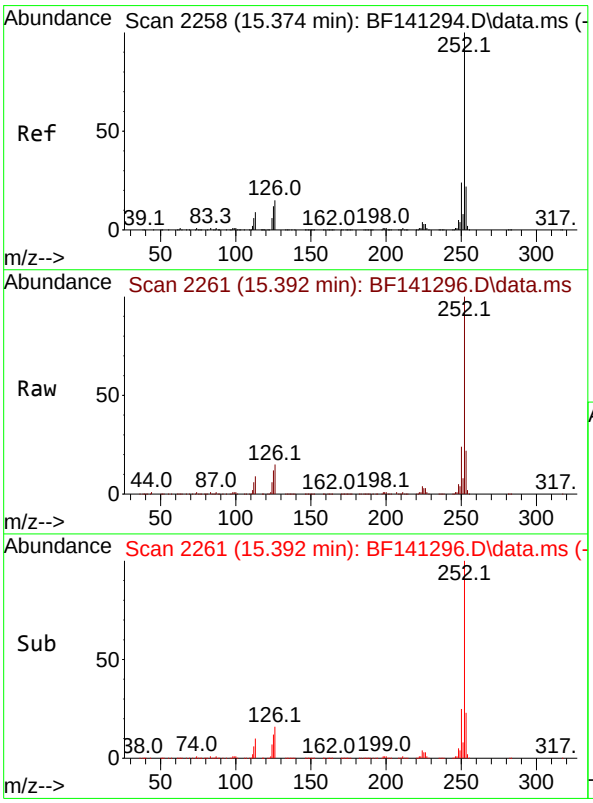
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
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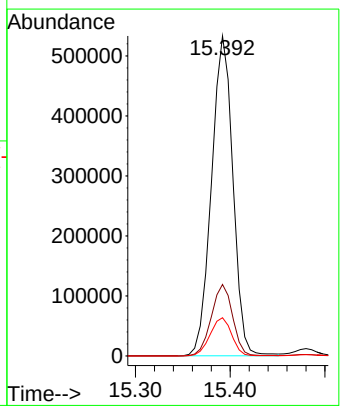
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

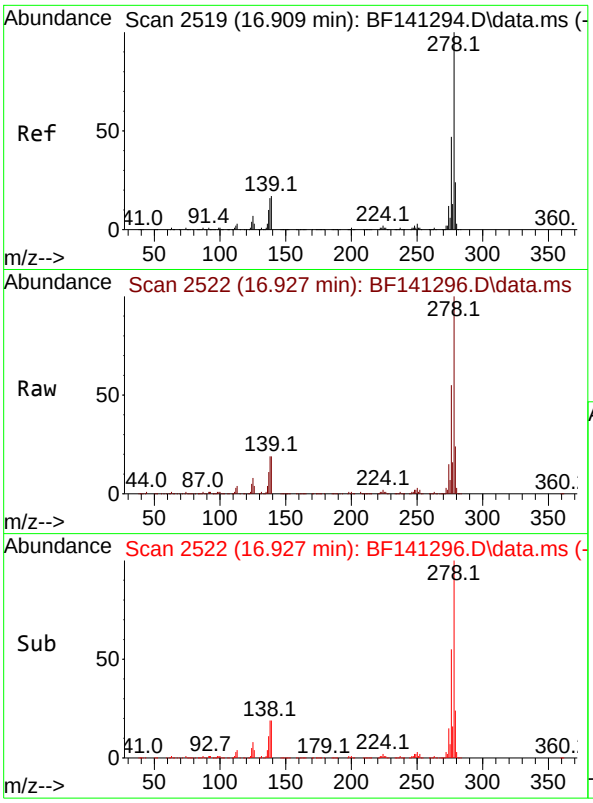


#90
Benzo(a)pyrene
Concen: 58.588 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 838283

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.0	9.4	14.2

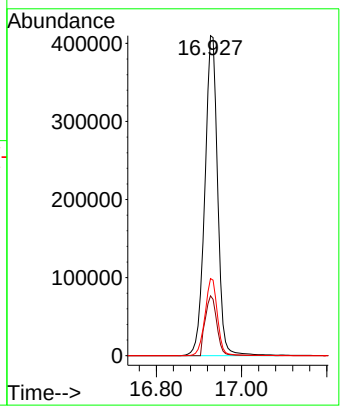




#91
Dibenzo(a,h)anthracene
Concen: 62.119 ng
RT: 16.927 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:278 Resp: 85421

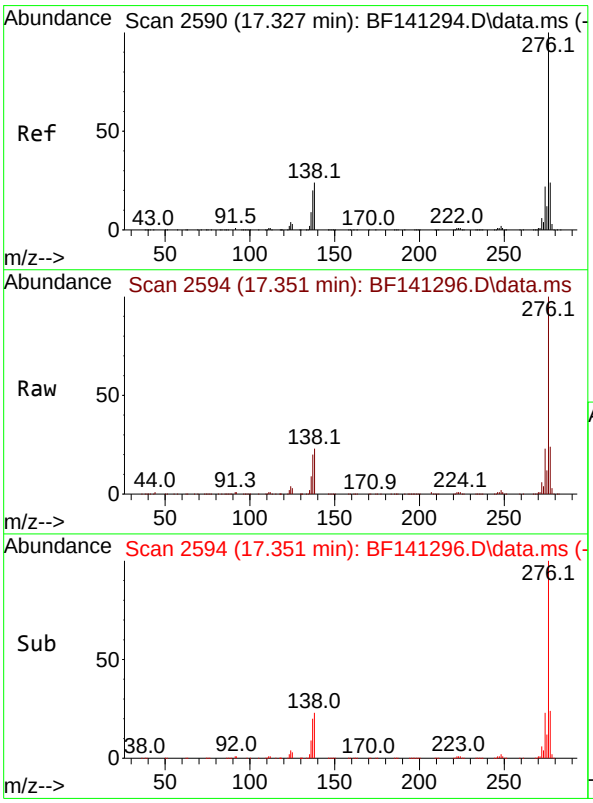
Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.9	20.9
279	24.1	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED

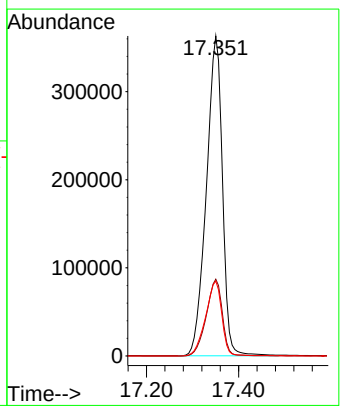
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 61.510 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 881804

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.4	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141297.D
Acq On : 29 Jan 2025 17:05
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 29 17:32:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:26:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	129386	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	500219	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	259556	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	415634	20.000	ng		0.00
76) Chrysene-d12	13.974	240	216592	20.000	ng		0.00
86) Perylene-d12	15.439	264	271797	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	1203835	140.330	ng		0.00
7) Phenol-d6	6.440	99	1526343	139.796	ng		0.00
23) Nitrobenzene-d5	7.369	82	1396346	145.214	ng		0.00
42) 2,4,6-Tribromophenol	10.634	330	337670	139.281	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2248567	129.739	ng		0.00
79) Terphenyl-d14	12.916	244	1910783	132.741	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	274366	73.111	ng		100
3) Pyridine	3.228	79	684346	76.095	ng		99
4) n-Nitrosodimethylamine	3.199	42	399245	77.974	ng		99
6) Aniline	6.469	93	607667	65.185	ng	#	86
8) 2-Chlorophenol	6.593	128	639957	69.519	ng		97
9) Benzaldehyde	6.351	77	376227	58.226	ng		100
10) Phenol	6.451	94	804078	69.411	ng		90
11) bis(2-Chloroethyl)ether	6.546	93	648287	73.535	ng		98
12) 1,3-Dichlorobenzene	6.746	146	704973	69.446	ng		99
13) 1,4-Dichlorobenzene	6.822	146	706528	69.256	ng		99
14) 1,2-Dichlorobenzene	6.975	146	641551	66.867	ng		99
15) Benzyl Alcohol	6.946	79	532270	71.549	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1092827	70.953	ng		98
17) 2-Methylphenol	7.057	107	545097	73.368	ng		97
18) Hexachloroethane	7.316	117	265593	70.765	ng		97
19) n-Nitroso-di-n-propyla...	7.228	70	452303	69.874	ng		97
20) 3+4-Methylphenols	7.216	107	613997	66.467	ng		96
22) Acetophenone	7.216	105	824220	67.811	ng	#	96
24) Nitrobenzene	7.393	77	716200	71.762	ng		99
25) Isophorone	7.628	82	1229697	74.193	ng		99
26) 2-Nitrophenol	7.704	139	358664	76.912	ng		98
27) 2,4-Dimethylphenol	7.740	122	445560	74.779	ng		99
28) bis(2-Chloroethoxy)met...	7.840	93	767960	72.405	ng		99
29) 2,4-Dichlorophenol	7.945	162	525117	71.573	ng		100
30) 1,2,4-Trichlorobenzene	8.028	180	584061	69.437	ng		100
31) Naphthalene	8.110	128	1838789	68.107	ng		99
32) Benzoic acid	7.881	122	484583	91.066	ng		99
33) 4-Chloroaniline	8.157	127	636568	69.737	ng		99
34) Hexachlorobutadiene	8.222	225	348822	70.904	ng		99
35) Caprolactam	8.545	113	177093	74.270	ng		99
36) 4-Chloro-3-methylphenol	8.640	107	566827	72.094	ng		98
37) 2-Methylnaphthalene	8.798	142	1165995	67.926	ng		98
38) 1-Methylnaphthalene	8.898	142	1146275	67.988	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	531237	70.756	ng		100
41) Hexachlorocyclopentadiene	8.951	237	180658	83.336	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	360370	73.727	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141297.D
Acq On : 29 Jan 2025 17:05
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 29 17:32:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:26:12 2025
Response via : Initial Calibration

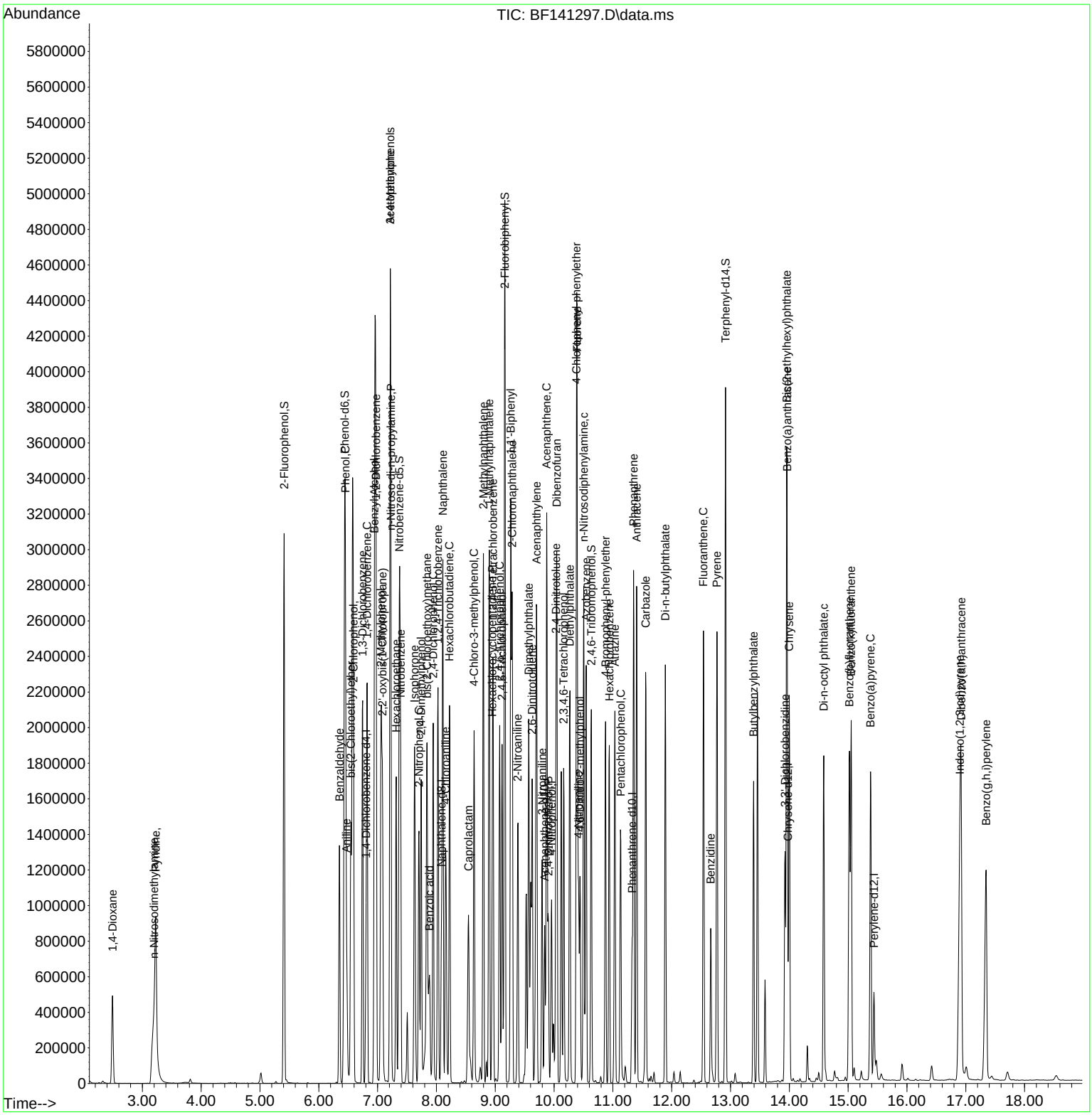
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	397887	74.958	ng	99
46) 1,1'-Biphenyl	9.263	154	1412015	68.298	ng	99
47) 2-Chloronaphthalene	9.287	162	1118593	69.578	ng	99
48) 2-Nitroaniline	9.381	65	378379	75.652	ng	97
49) Acenaphthylene	9.704	152	1552508	68.901	ng	99
50) Dimethylphthalate	9.569	163	1269770	71.308	ng	100
51) 2,6-Dinitrotoluene	9.628	165	300867	72.992	ng	99
52) Acenaphthene	9.875	154	1120345	69.700	ng	99
53) 3-Nitroaniline	9.798	138	274410	67.215	ng	99
54) 2,4-Dinitrophenol	9.904	184	169946	101.582	ng	99
55) Dibenzofuran	10.045	168	1451668	67.158	ng	98
56) 4-Nitrophenol	9.957	139	230369	78.788	ng	100
57) 2,4-Dinitrotoluene	10.034	165	375659	70.012	ng	93
58) Fluorene	10.392	166	1099129	65.335	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	302300	72.005	ng	98
60) Diethylphthalate	10.269	149	1189833	68.571	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	541468	65.968	ng	99
62) 4-Nitroaniline	10.416	138	292019	73.604	ng	99
63) Azobenzene	10.545	77	1206328	69.582	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	217265	89.943	ng	96
66) n-Nitrosodiphenylamine	10.504	169	986121	72.353	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	348615	74.136	ng	97
68) Hexachlorobenzene	10.939	284	361469	72.215	ng	97
69) Atrazine	11.033	200	372792	83.452	ng	99
70) Pentachlorophenol	11.133	266	235030	81.539	ng	99
71) Phenanthrene	11.351	178	1557660	68.257	ng	99
72) Anthracene	11.404	178	1535860	68.749	ng	99
73) Carbazole	11.557	167	1342447	67.630	ng	99
74) Di-n-butylphthalate	11.892	149	1626342	67.604	ng	99
75) Fluoranthene	12.539	202	1463196	64.490	ng	99
77) Benzidine	12.663	184	481470	67.834	ng	99
78) Pyrene	12.769	202	1450076	68.287	ng	100
80) Butylbenzylphthalate	13.392	149	528754	71.721	ng	99
81) Benzo(a)anthracene	13.963	228	1095972	72.323	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	389044	82.157	ng	99
83) Chrysene	13.998	228	1048083	75.964	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	662151	70.666	ng	99
85) Di-n-octyl phthalate	14.586	149	1171131	82.148	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	1399119	79.715	ng	100
88) Benzo(b)fluoranthene	15.021	252	1235245	71.102	ng	100
89) Benzo(k)fluoranthene	15.051	252	1146296	75.010	ng	100
90) Benzo(a)pyrene	15.380	252	1098491	75.410	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	1117397	79.035	ng	99
92) Benzo(g,h,i)perylene	17.345	276	1155250	78.512	ng	100

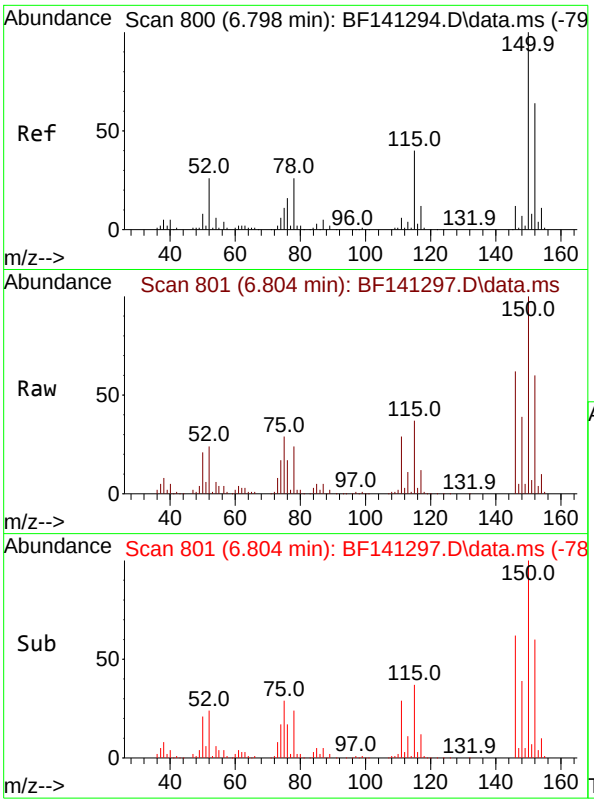
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141297.D
Acq On : 29 Jan 2025 17:05
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jan 29 17:32:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:26:12 2025
Response via : Initial Calibration



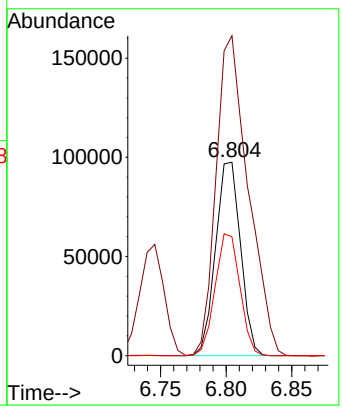


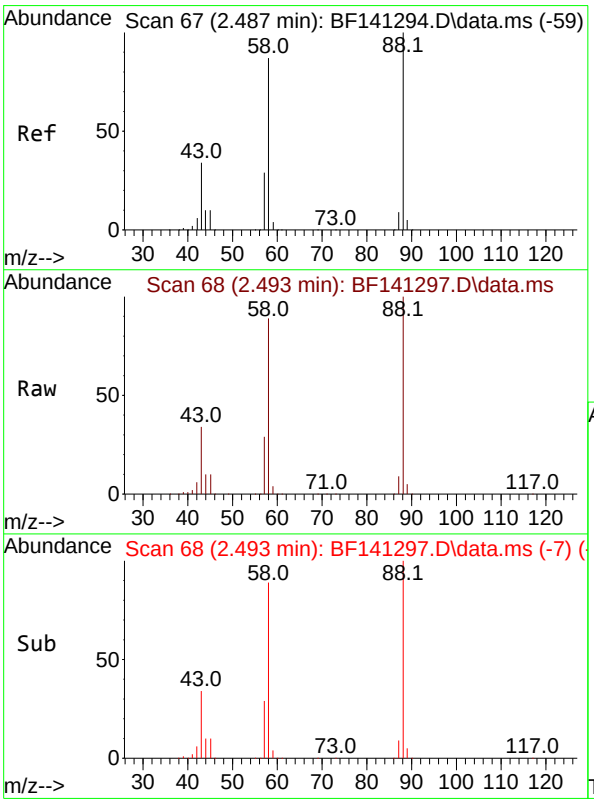
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 129386

Ion	Ratio	Lower	Upper
152	100		
150	165.5	125.9	188.9
115	61.4	49.7	74.5

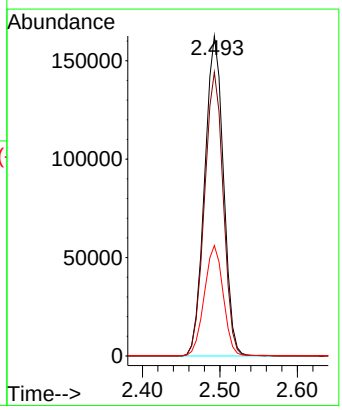


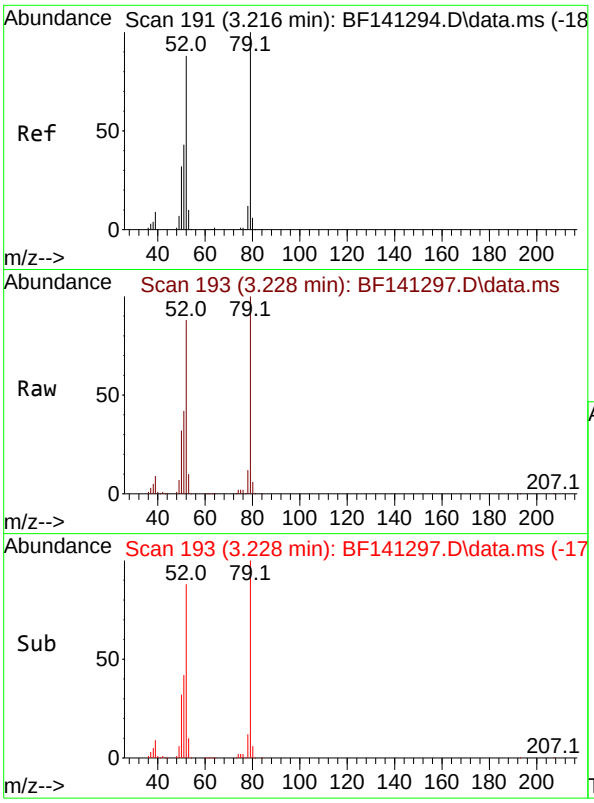


#2
1,4-Dioxane
Concen: 73.111 ng
RT: 2.493 min Scan# 68
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 88 Resp: 274366

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.4
43	34.3	27.6	41.4



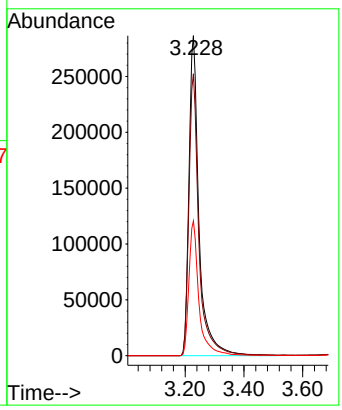


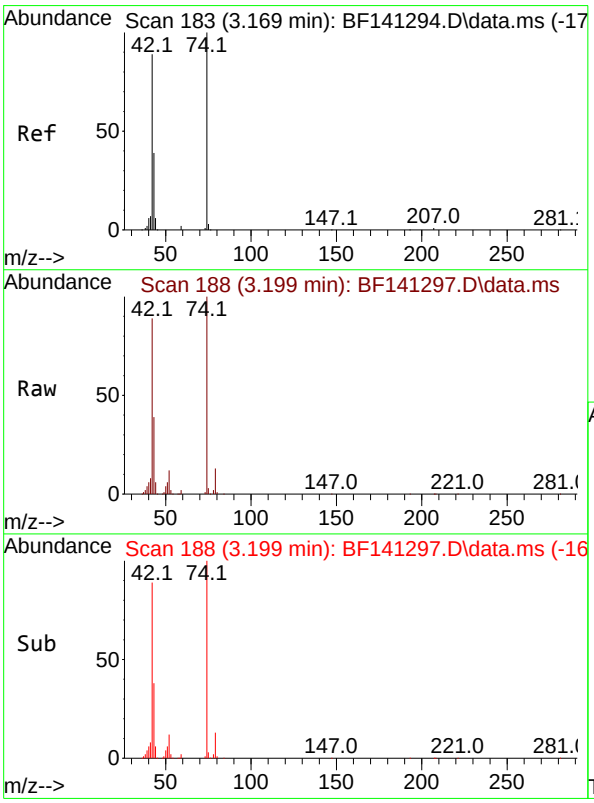
#3
Pyridine
Concen: 76.095 ng
RT: 3.228 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 684346

Ion	Ratio	Lower	Upper
79	100		
52	88.1	70.3	105.5
51	42.1	34.3	51.5

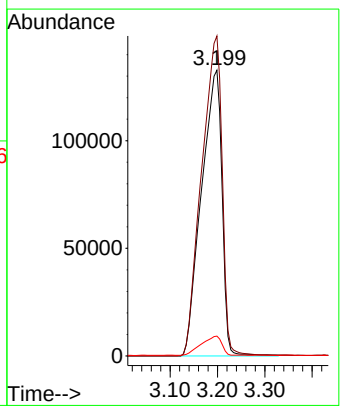


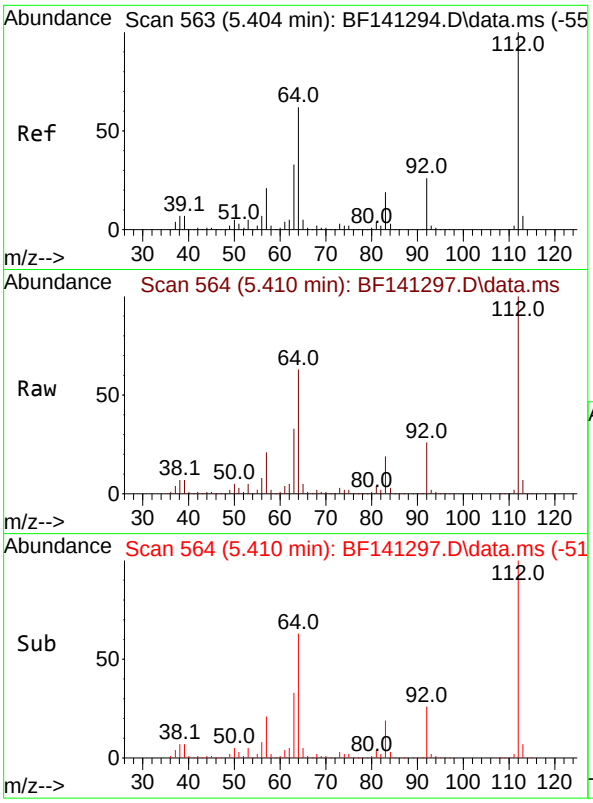


#4
n-Nitrosodimethylamine
Concen: 77.974 ng
RT: 3.199 min Scan# 188
Delta R.T. 0.018 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 42 Resp: 399245

Ion	Ratio	Lower	Upper
42	100		
74	112.0	90.3	135.5
44	6.9	5.7	8.5



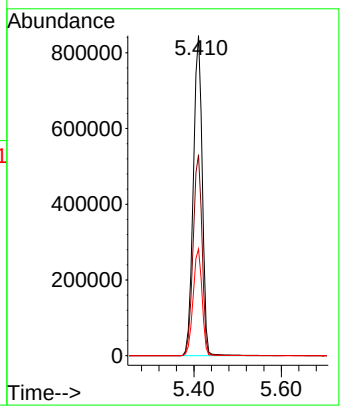


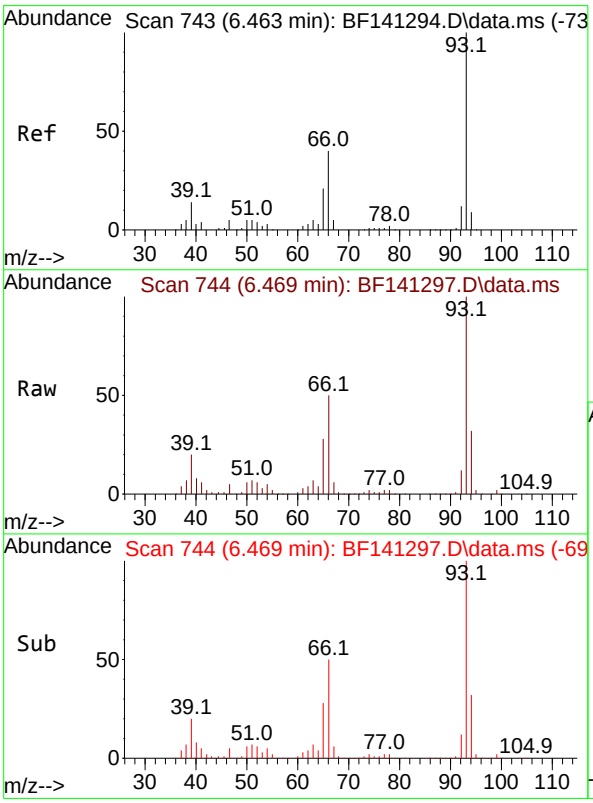
#5
2-Fluorophenol
Concen: 140.330 ng
RT: 5.410 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:112 Resp: 1203835

Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.8	74.8
63	33.4	26.1	39.1

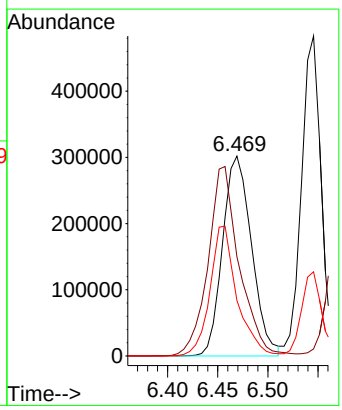


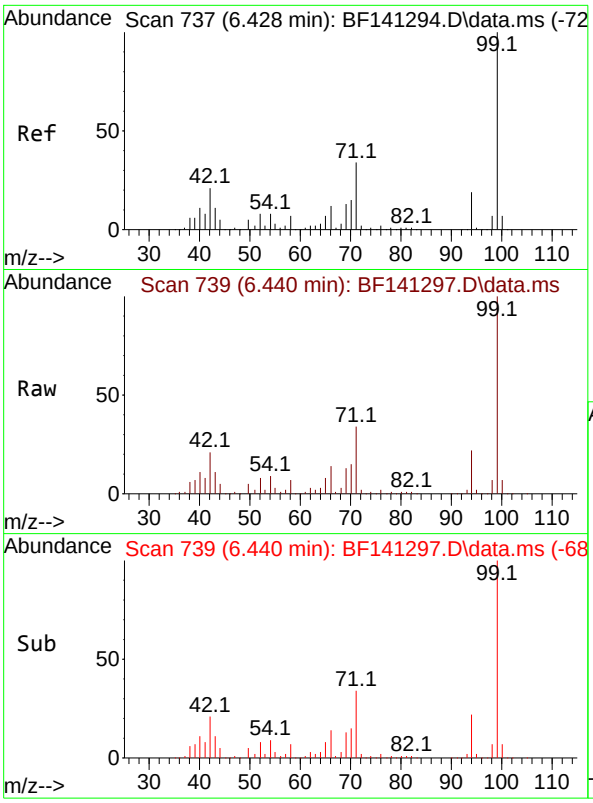


#6
Aniline
Concen: 65.185 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 93 Resp: 607667

Ion	Ratio	Lower	Upper
93	100		
66	49.7	32.5	48.7#
65	27.8	17.0	25.6#



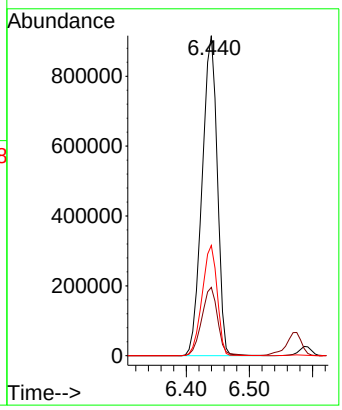


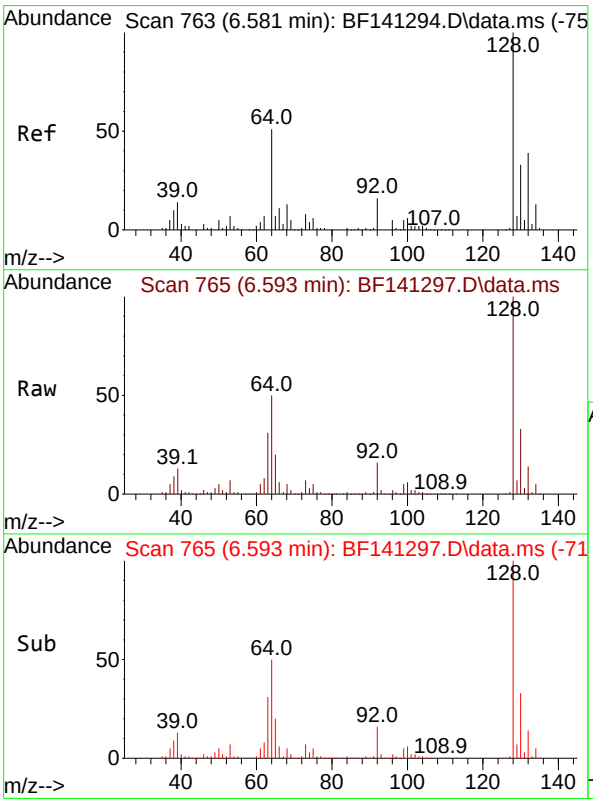
#7
Phenol-d6
Concen: 139.796 ng
RT: 6.440 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1526343

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.1	25.7
71	34.4	26.9	40.3

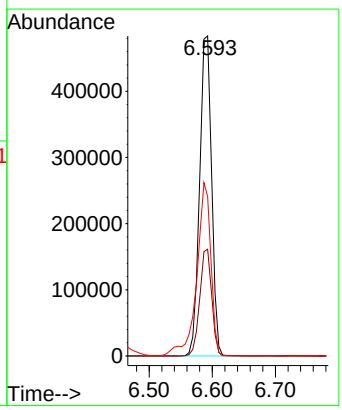


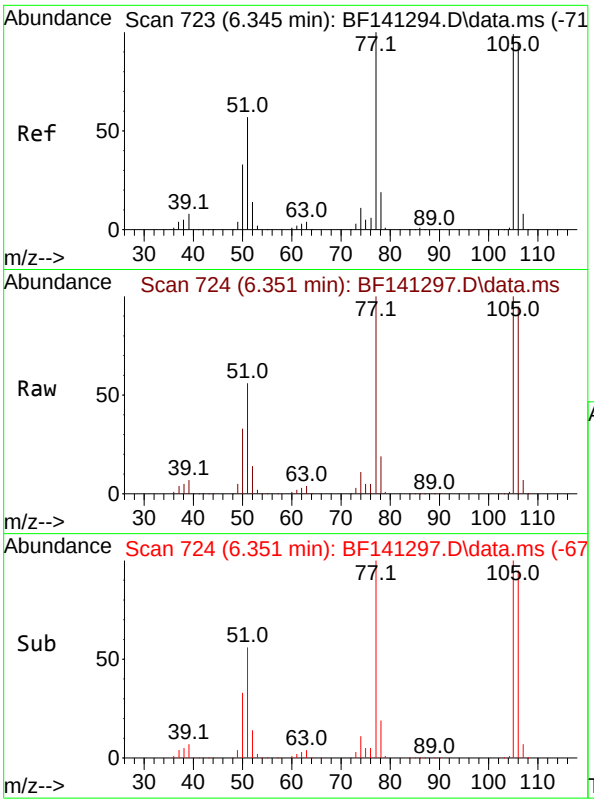


#8
2-Chlorophenol
Concen: 69.519 ng
RT: 6.593 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:128 Resp: 639957

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	49.8	32.9	72.9



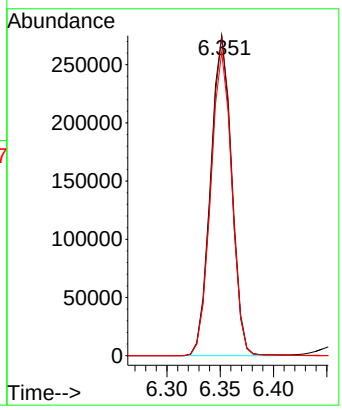


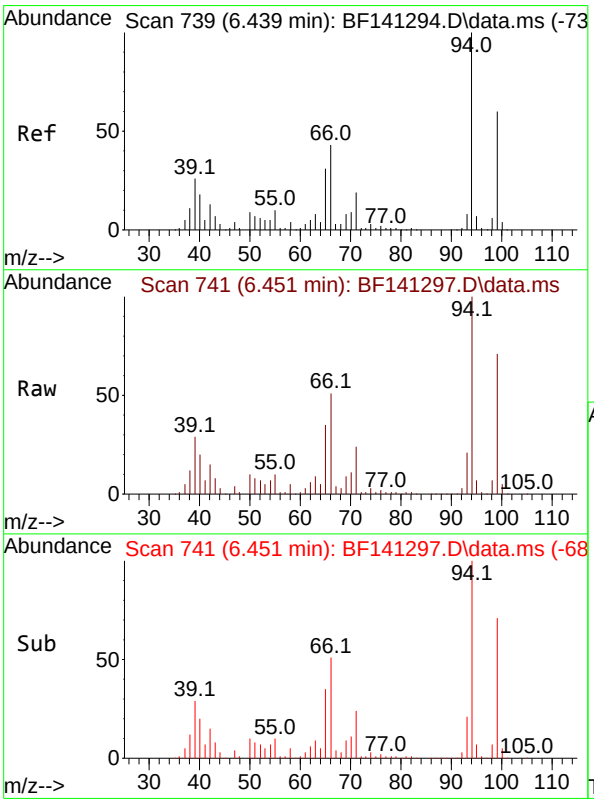
#9
Benzaldehyde
Concen: 58.226 ng
RT: 6.351 min Scan# 7
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 376227

Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.4	119.4
106	94.9	74.6	114.6

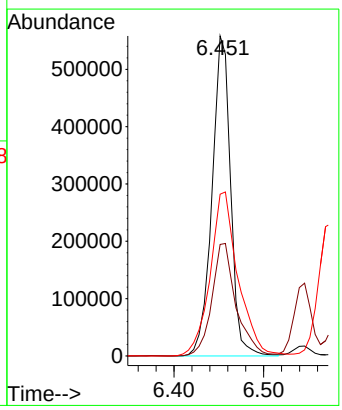


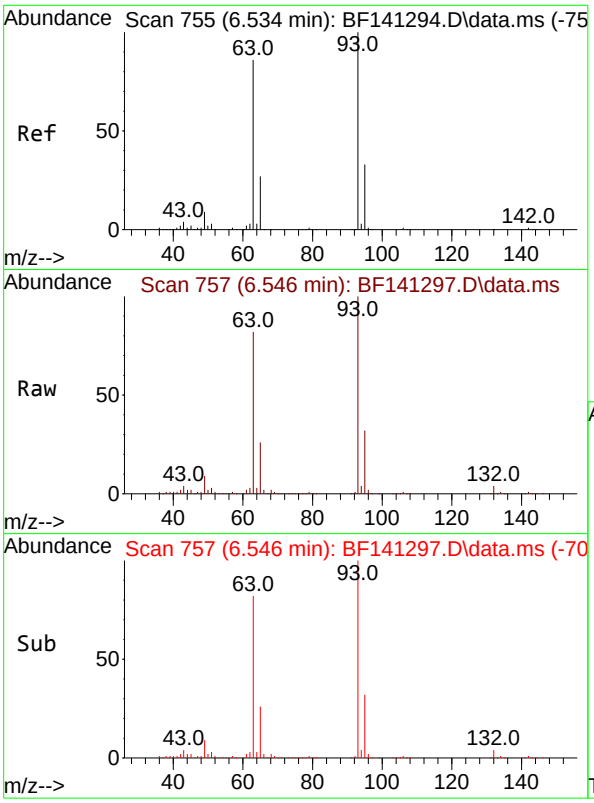


#10
Phenol
Concen: 69.411 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 94 Resp: 804078

Ion	Ratio	Lower	Upper
94	100		
65	34.9	10.8	50.8
66	50.6	23.3	63.3



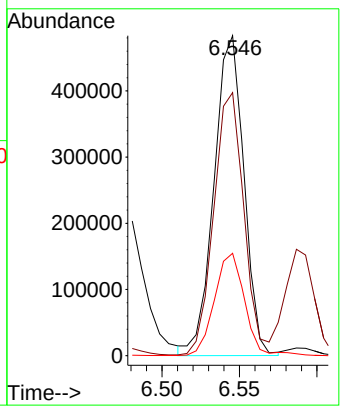


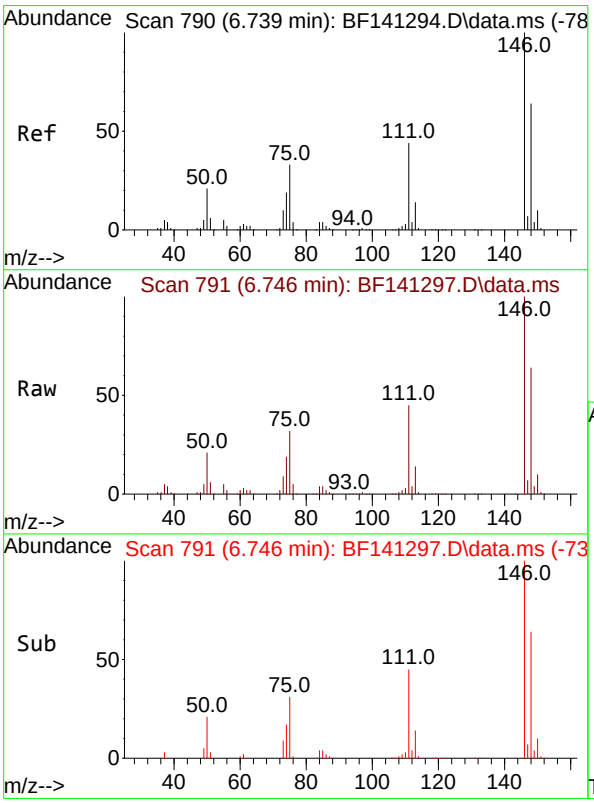
#11
bis(2-Chloroethyl)ether
Concen: 73.535 ng
RT: 6.546 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 93 Resp: 648287

Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.0	105.0
95	32.0	12.4	52.4

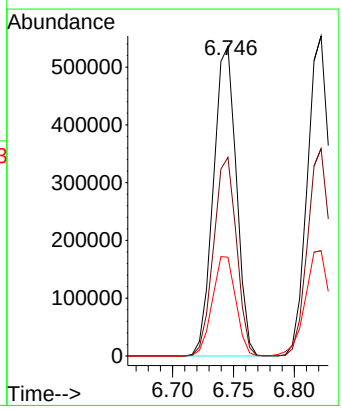


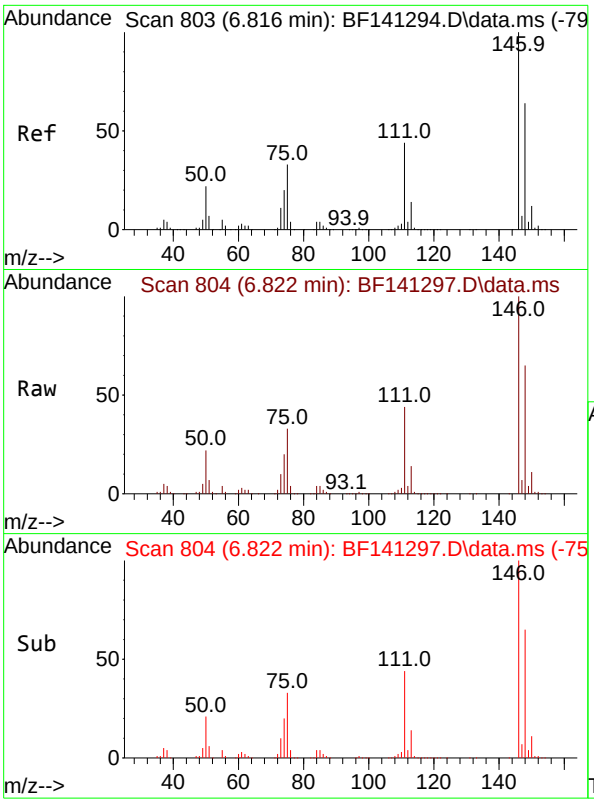


#12
1,3-Dichlorobenzene
Concen: 69.446 ng
RT: 6.746 min Scan# 791
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:146 Resp: 704973

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	31.9	26.2	39.4



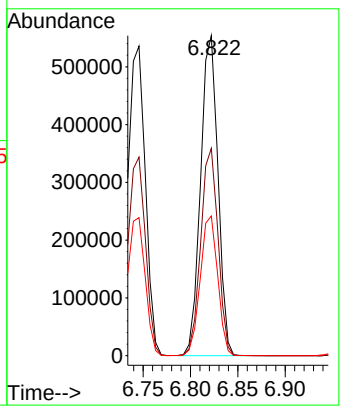


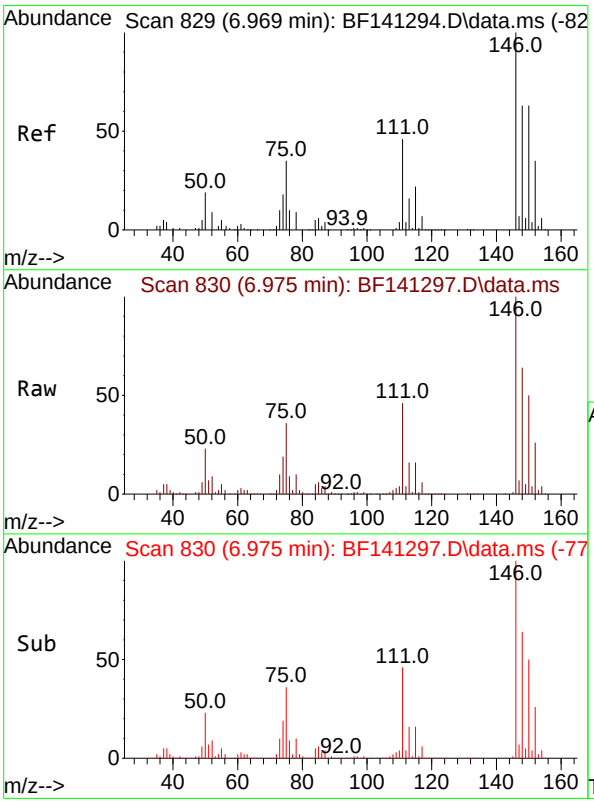
#13
1,4-Dichlorobenzene
Concen: 69.256 ng
RT: 6.822 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:146 Resp: 706528

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
111	43.6	35.0	52.4

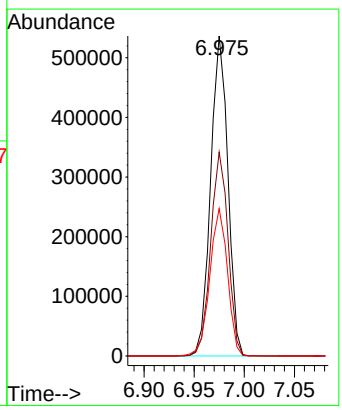


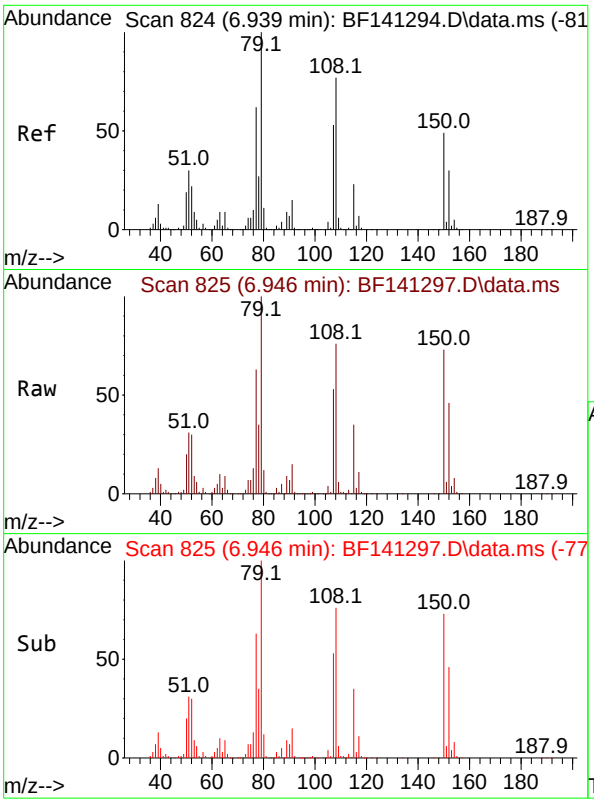


#14
1,2-Dichlorobenzene
Concen: 66.867 ng
RT: 6.975 min Scan# 830
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:146 Resp: 641551

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
111	46.1	36.6	55.0



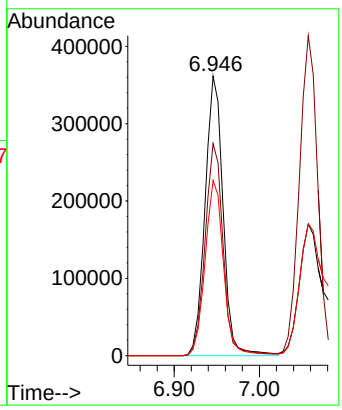


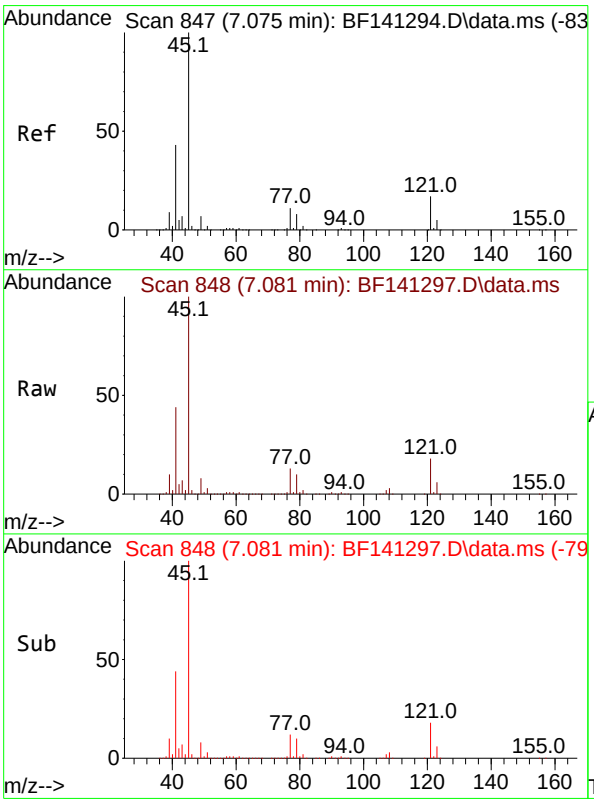
#15
Benzyl Alcohol
Concen: 71.549 ng
RT: 6.946 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 79 Resp: 532270

Ion	Ratio	Lower	Upper
79	100		
108	75.9	61.4	92.0
77	62.7	49.9	74.9

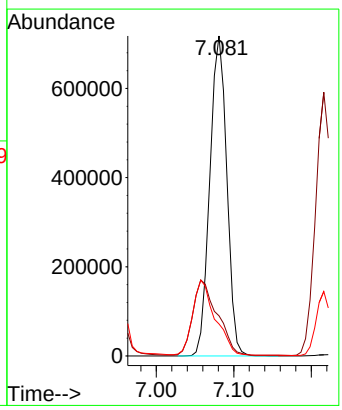


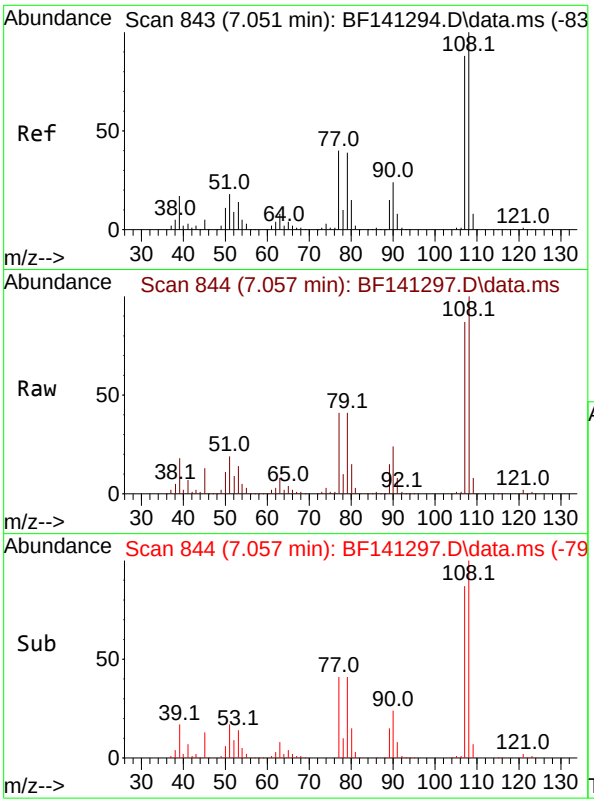


#16
2,2'-oxybis(1-Chloropropane)
Concen: 70.953 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 45 Resp: 1092827

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	31.8
79	10.0	0.0	29.1



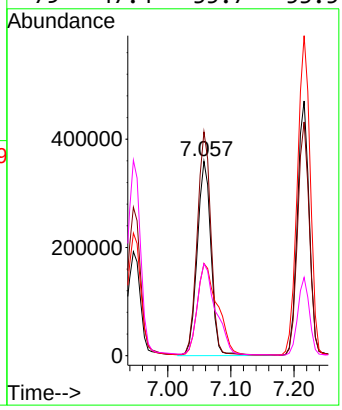


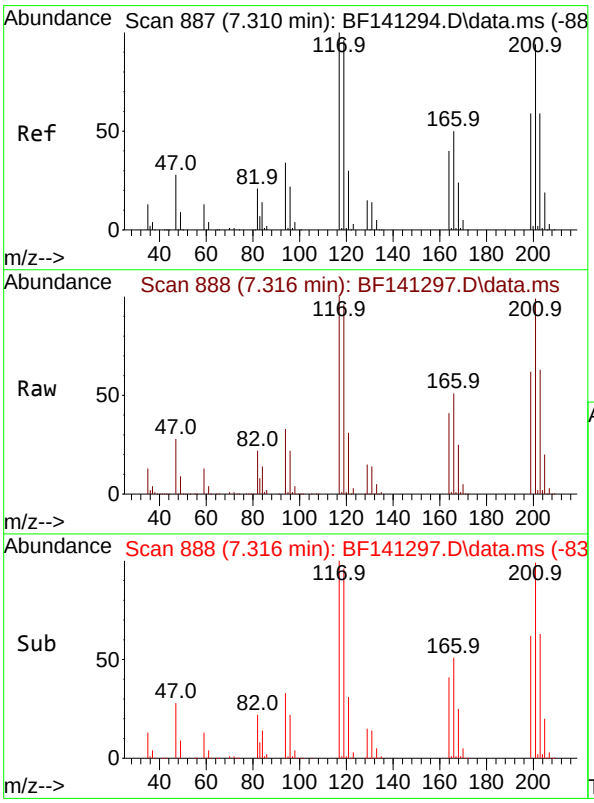
#17
2-Methylphenol
Concen: 73.368 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:107 Resp: 545097

Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.8	136.2
77	47.5	36.2	54.4
79	47.4	35.7	53.5

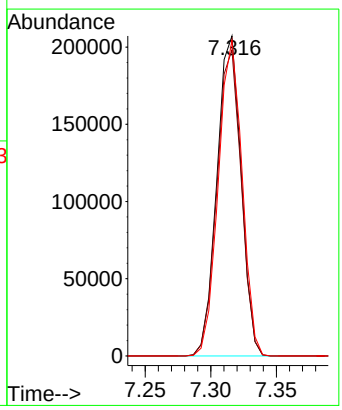


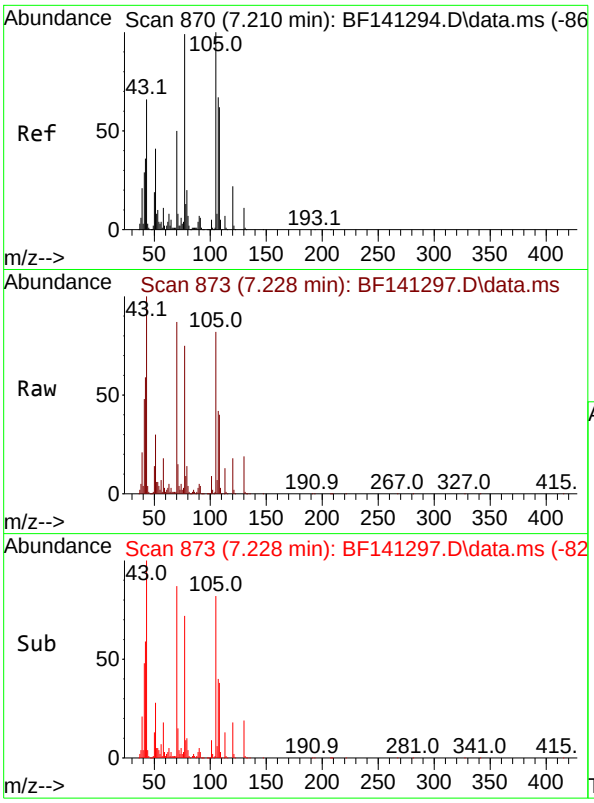


#18
Hexachloroethane
Concen: 70.765 ng
RT: 7.316 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:117 Resp: 265593

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
201	98.6	74.8	112.2



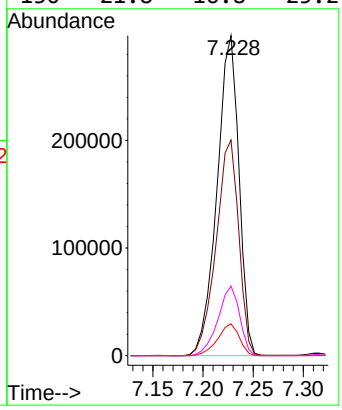


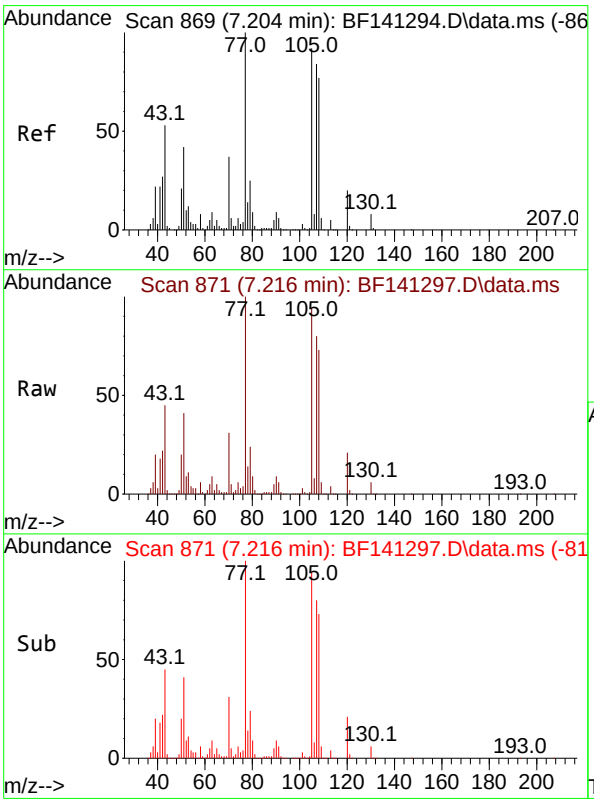
#19
n-Nitroso-di-n-propylamine
Concen: 69.874 ng
RT: 7.228 min Scan# 8
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 70 Resp: 452303

Ion	Ratio	Lower	Upper
70	100		
42	67.4	56.8	85.2
101	9.9	7.7	11.5
130	21.8	16.8	25.2

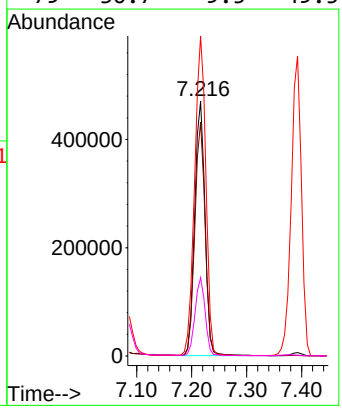


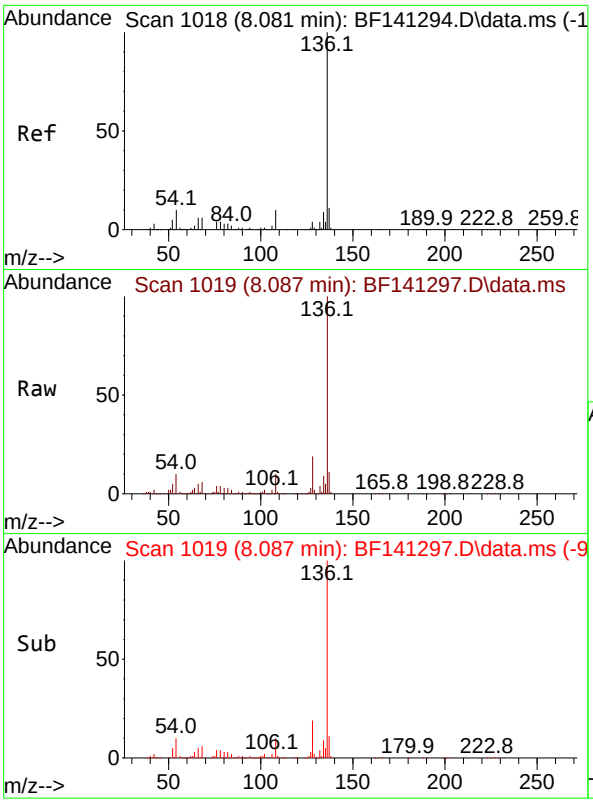


#20
3+4-Methylphenols
Concen: 66.467 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:107 Resp: 613997

Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.9	110.9
77	125.6	98.5	138.5
79	30.7	9.5	49.5



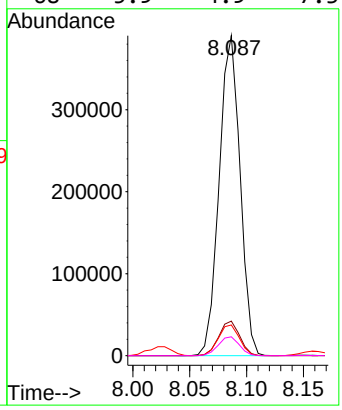


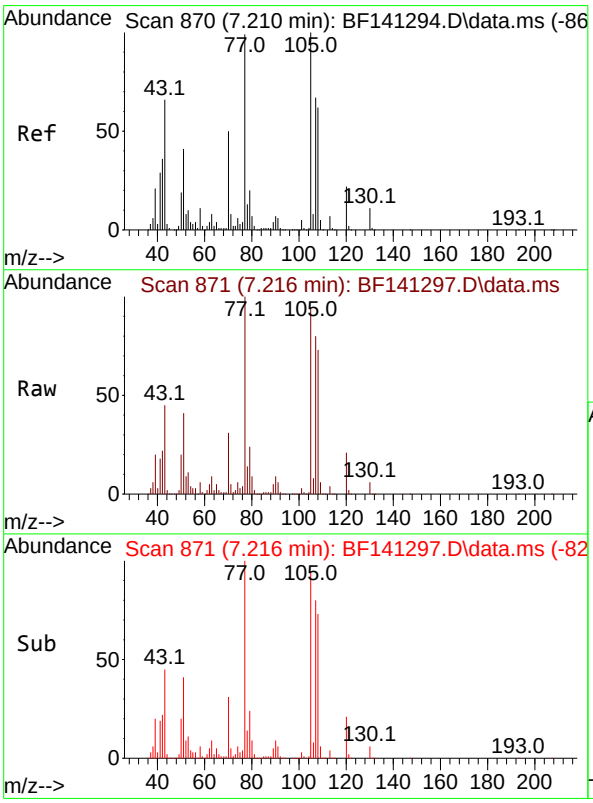
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:136 Resp: 500219

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.6	7.8	11.8
68	5.9	4.9	7.3

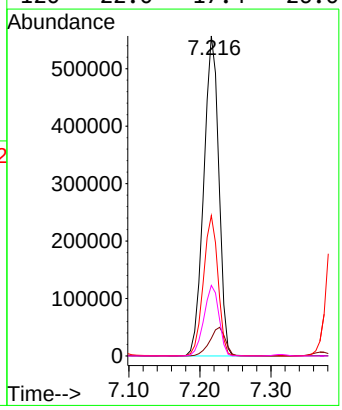


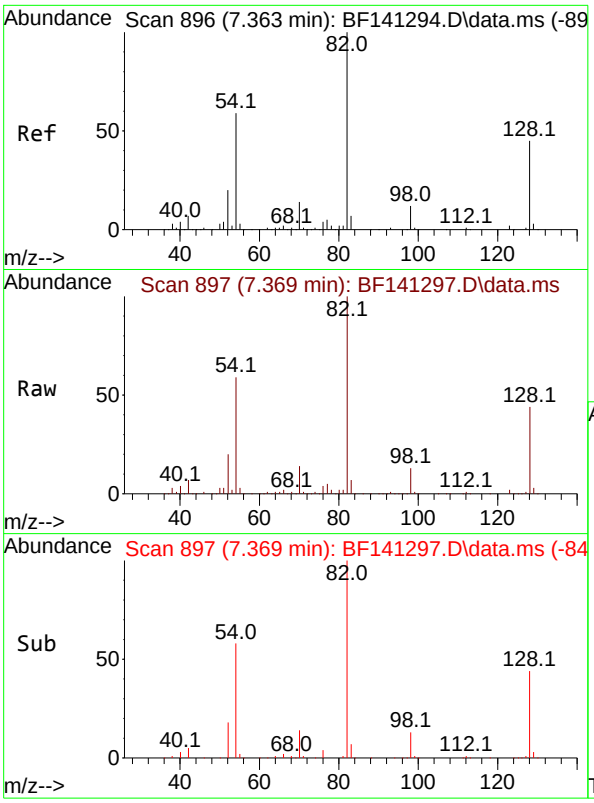


#22
Acetophenone
Concen: 67.811 ng
RT: 7.216 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:105 Resp: 824220

Ion	Ratio	Lower	Upper
105	100		
71	5.5	6.8	10.2#
51	43.9	32.6	49.0
120	22.0	17.4	26.0



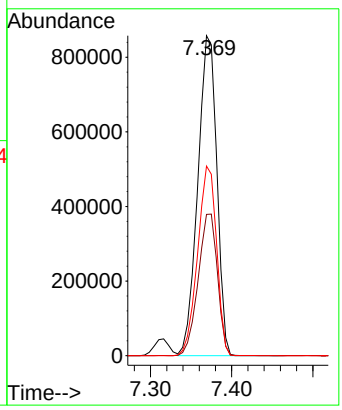


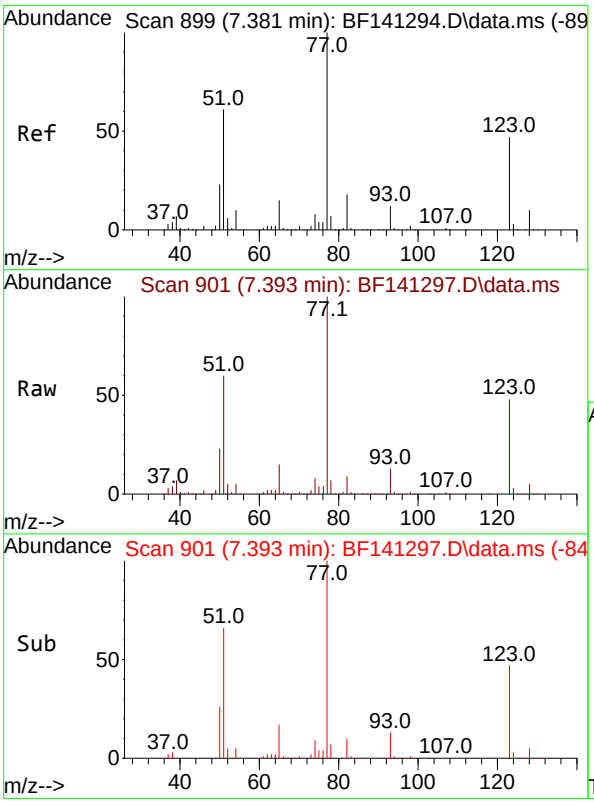
#23
Nitrobenzene-d5
Concen: 145.214 ng
RT: 7.369 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1396346

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	59.3	47.1	70.7

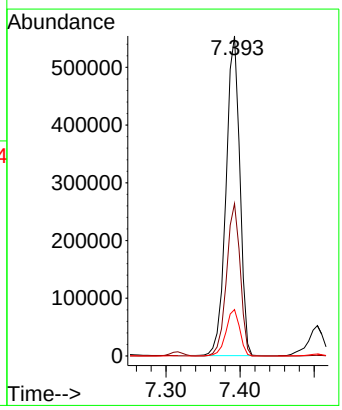


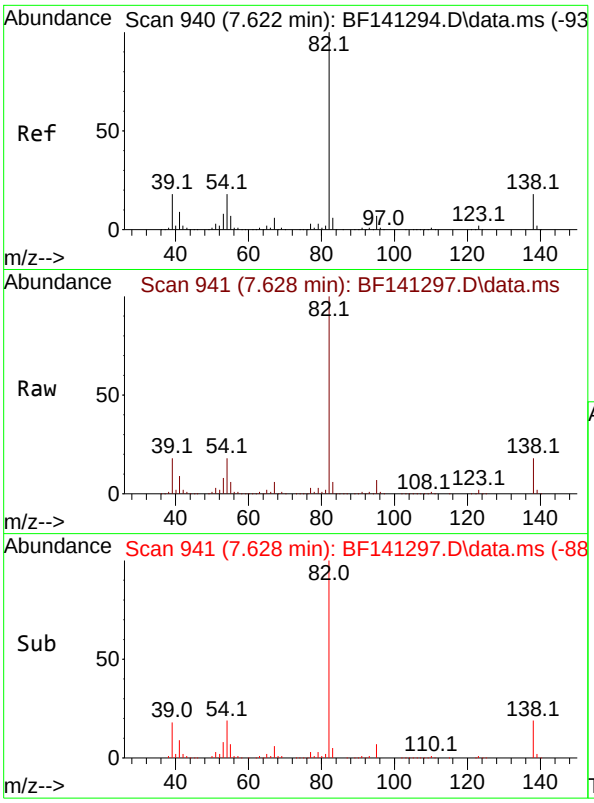


#24
Nitrobenzene
Concen: 71.762 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 77 Resp: 716200

Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.3	55.9
65	14.5	11.8	17.6



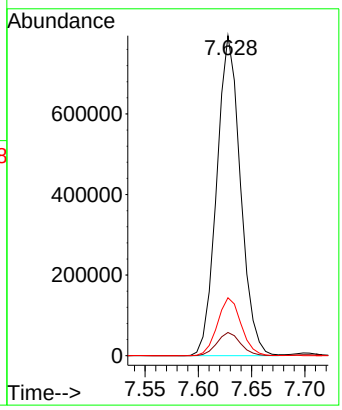


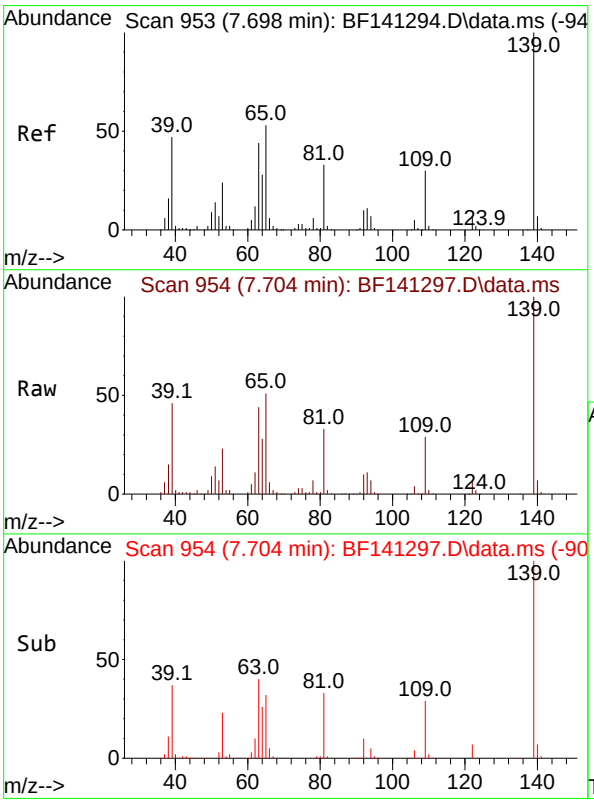
#25
Isophorone
Concen: 74.193 ng
RT: 7.628 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 82 Resp: 1229697

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.6
138	18.1	14.7	22.1

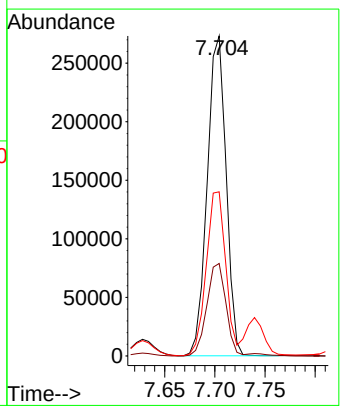


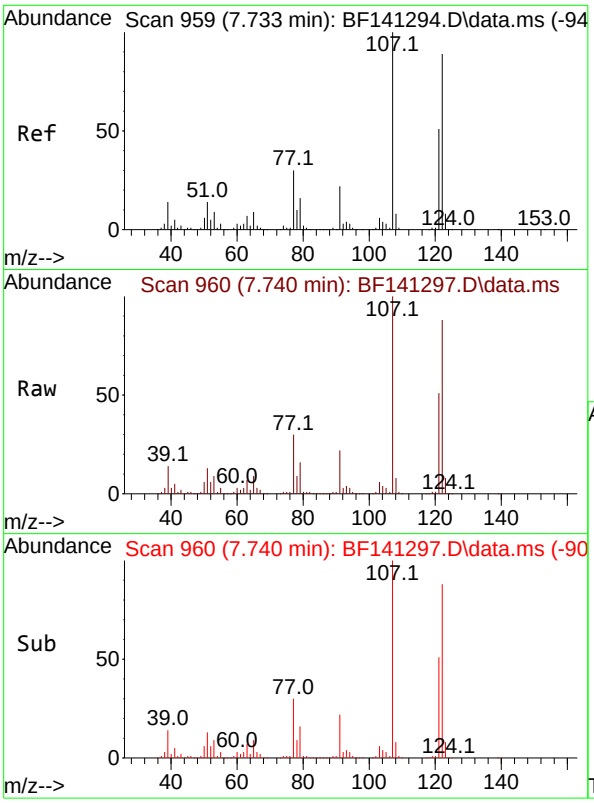


#26
2-Nitrophenol
Concen: 76.912 ng
RT: 7.704 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:139 Resp: 358664

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.8	35.6
65	51.3	42.2	63.4



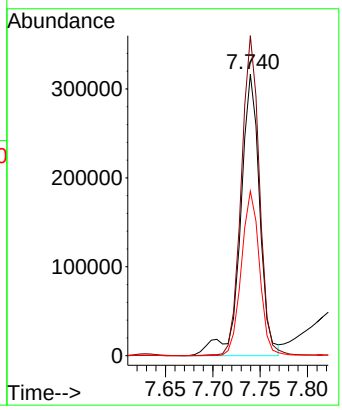


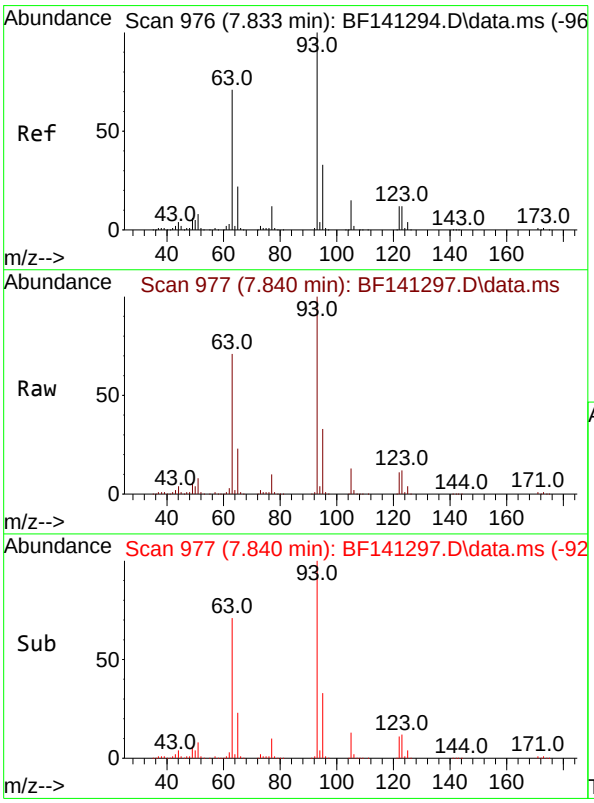
#27
2,4-Dimethylphenol
Concen: 74.779 ng
RT: 7.740 min Scan# 9
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:122 Resp: 445560

Ion	Ratio	Lower	Upper
122	100		
107	113.7	89.9	134.9
121	58.5	46.1	69.1

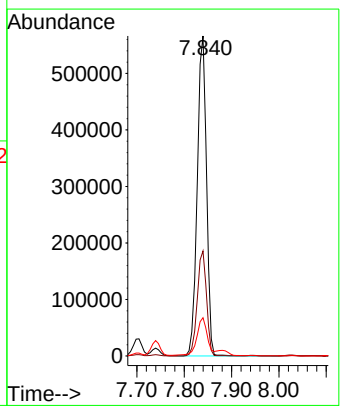


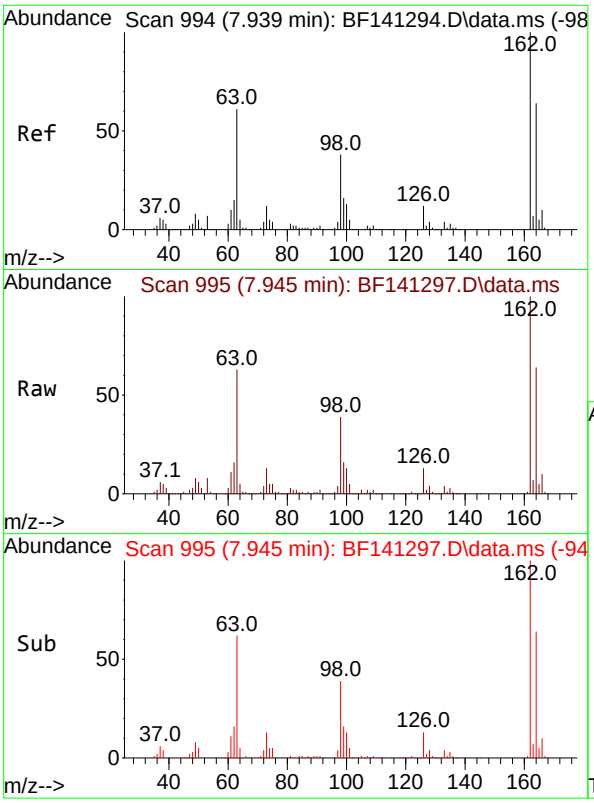


#28
bis(2-Chloroethoxy)methane
Concen: 72.405 ng
RT: 7.840 min Scan# 977
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 93 Resp: 767960

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.0	10.2	15.4



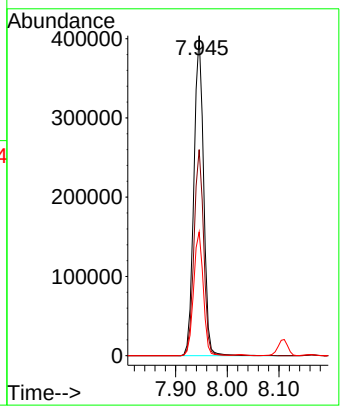


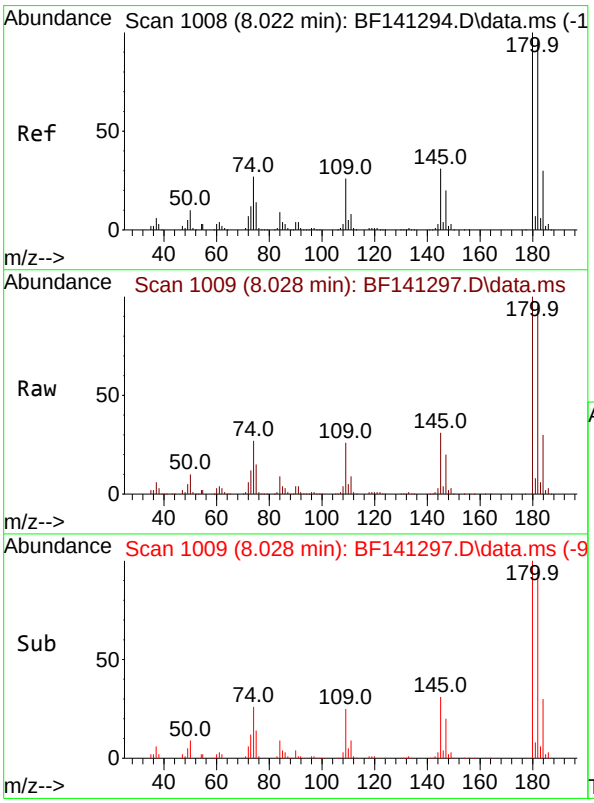
#29
2,4-Dichlorophenol
Concen: 71.573 ng
RT: 7.945 min Scan# 9
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 525117

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.6	18.2	58.2

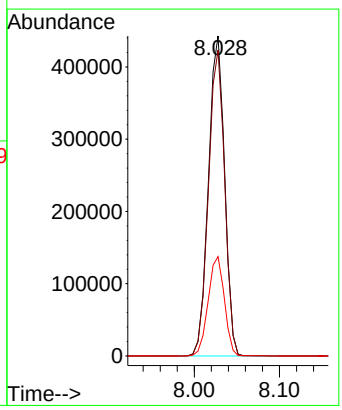


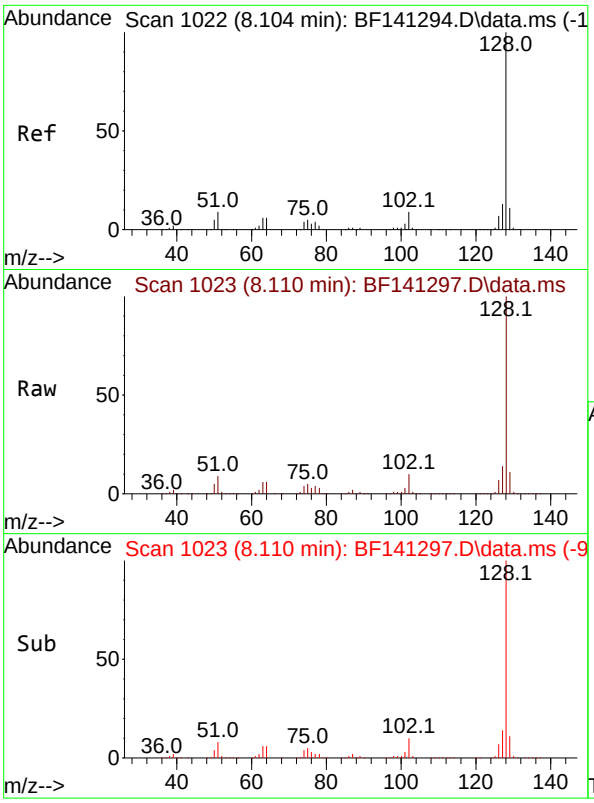


#30
1,2,4-Trichlorobenzene
Concen: 69.437 ng
RT: 8.028 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:180 Resp: 584061

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	31.0	24.9	37.3



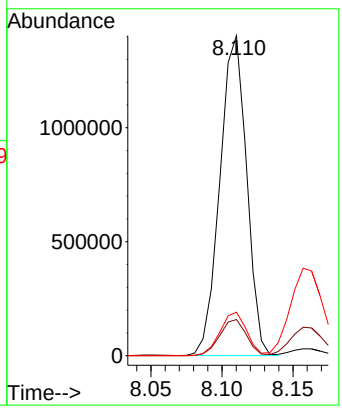


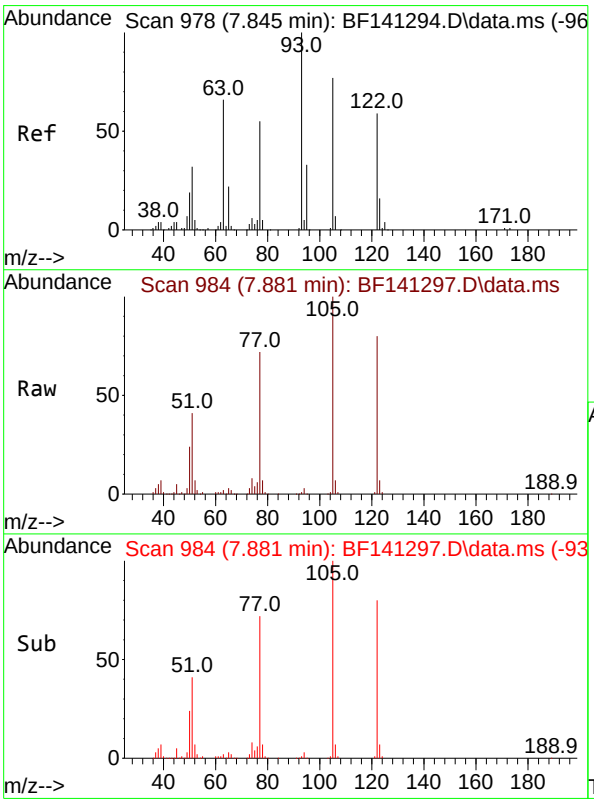
#31
Naphthalene
Concen: 68.107 ng
RT: 8.110 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:128 Resp: 1838789

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.6	10.6	15.8

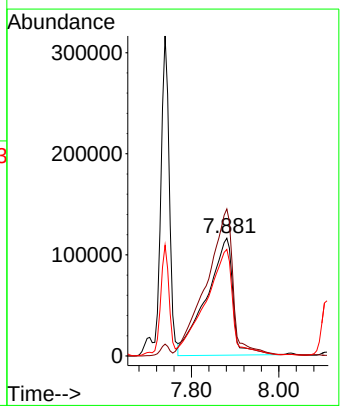


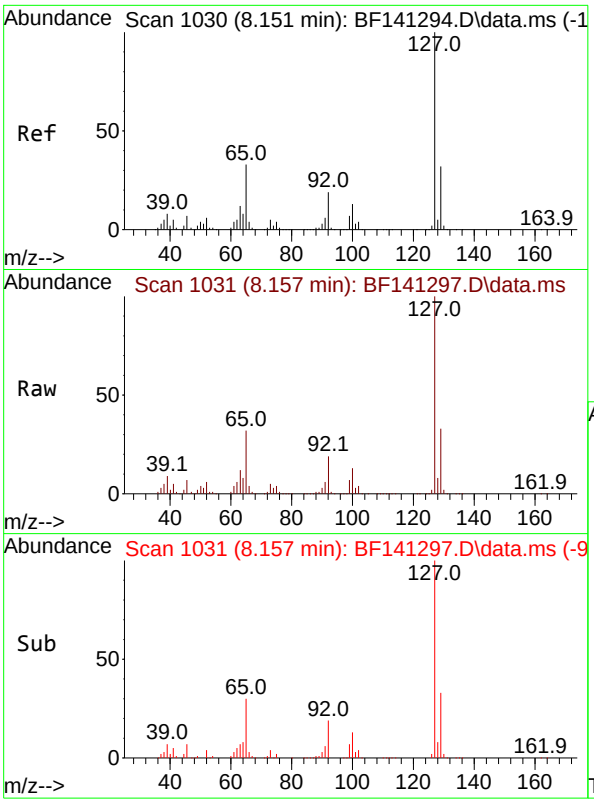


#32
Benzoic acid
Concen: 91.066 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.018 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:122 Resp: 484583

Ion	Ratio	Lower	Upper
122	100		
105	124.8	103.4	143.4
77	90.5	70.9	110.9



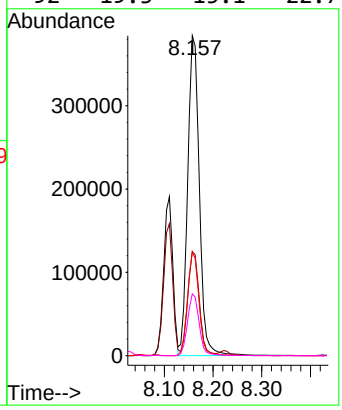


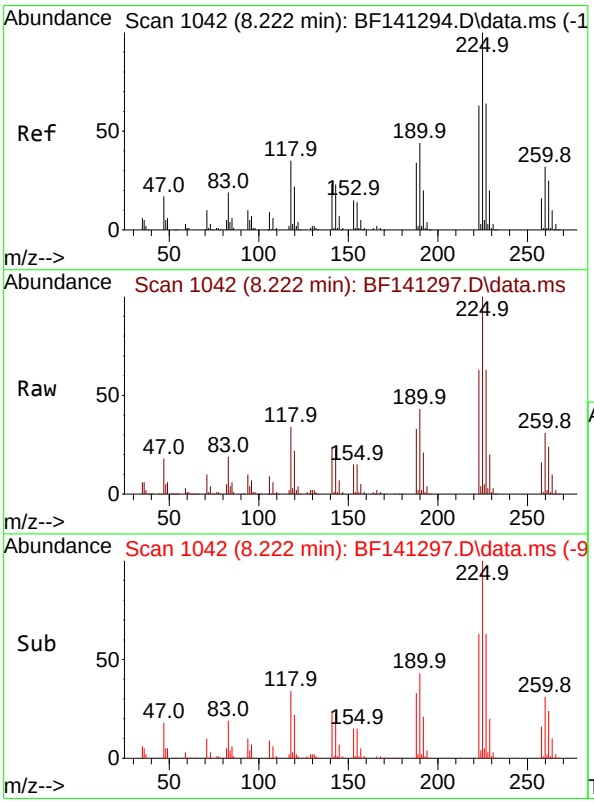
#33
4-Chloroaniline
Concen: 69.737 ng
RT: 8.157 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 636568

Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7

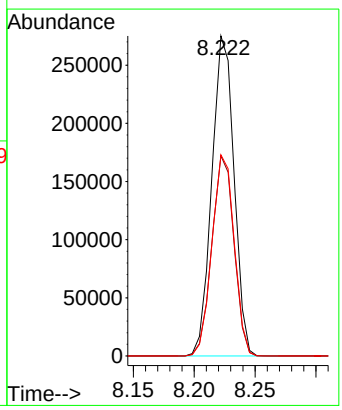


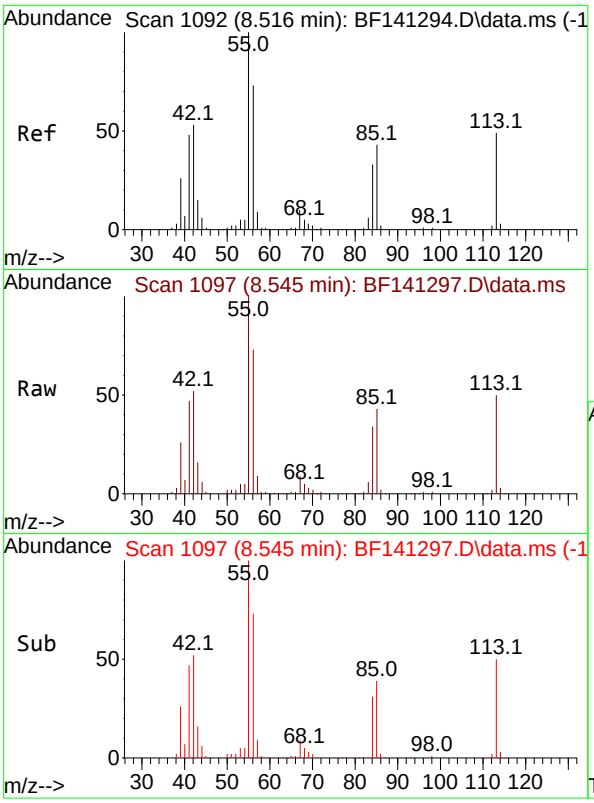


#34
Hexachlorobutadiene
Concen: 70.904 ng
RT: 8.222 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:225 Resp: 348822

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	62.9	51.3	76.9



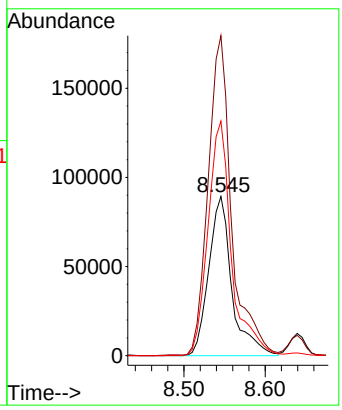


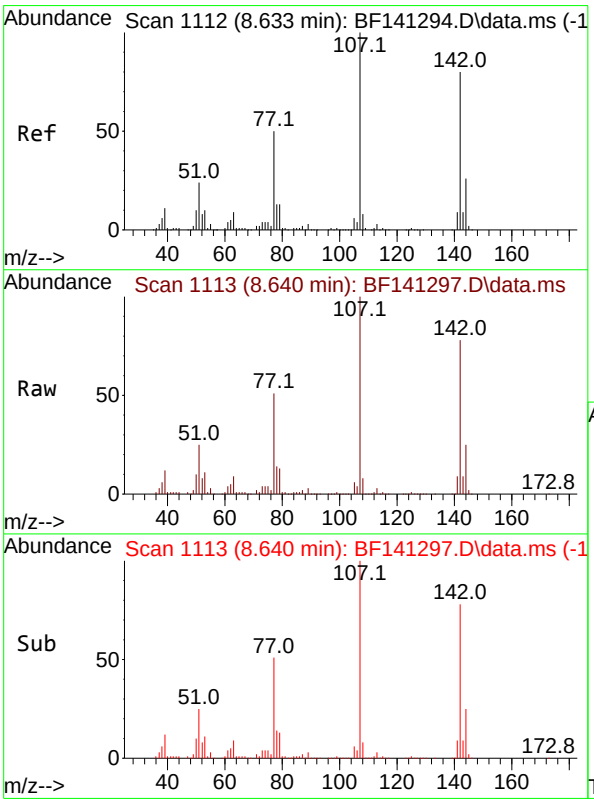
#35
Caprolactam
Concen: 74.270 ng
RT: 8.545 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:113 Resp: 177093

Ion	Ratio	Lower	Upper
113	100		
55	201.0	182.9	222.9
56	147.3	127.9	167.9

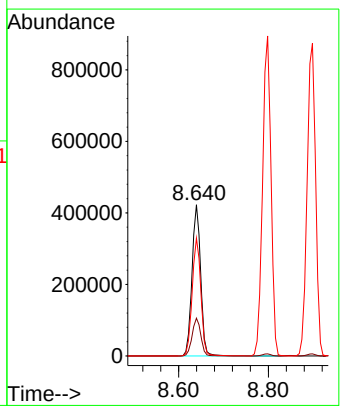


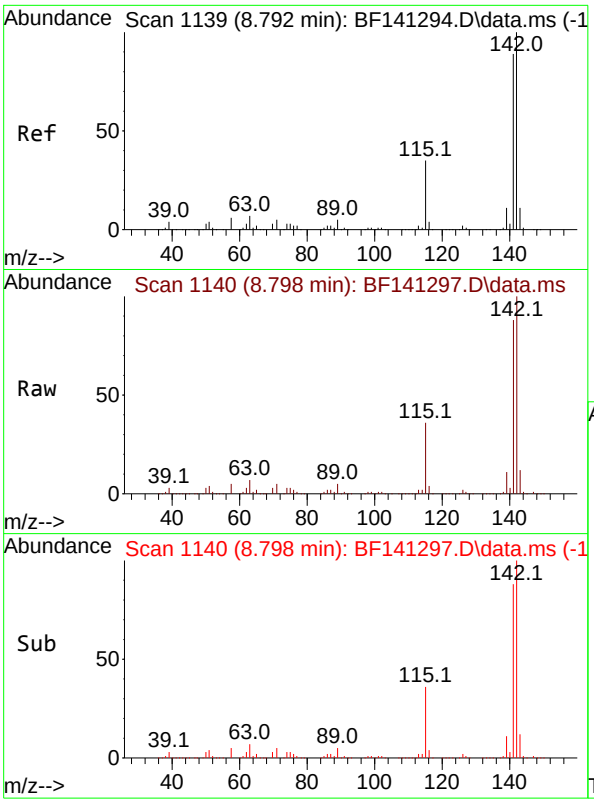


#36
4-Chloro-3-methylphenol
Concen: 72.094 ng
RT: 8.640 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:107 Resp: 566827

Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.7	31.1
142	77.9	63.8	95.8



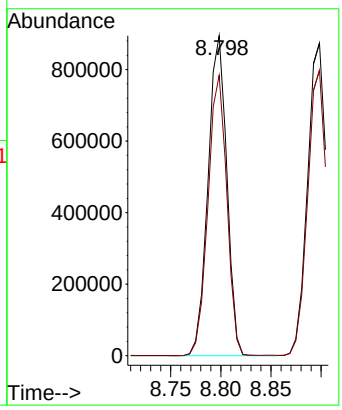


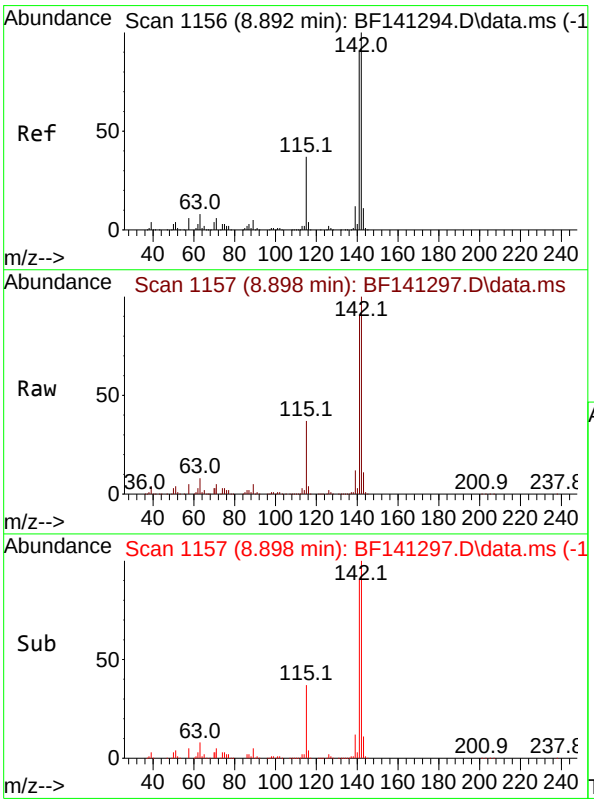
#37
2-Methylnaphthalene
Concen: 67.926 ng
RT: 8.798 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:142 Resp: 1165995

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9

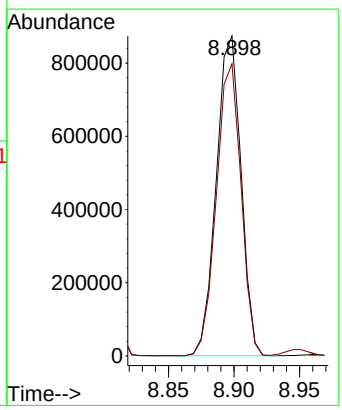


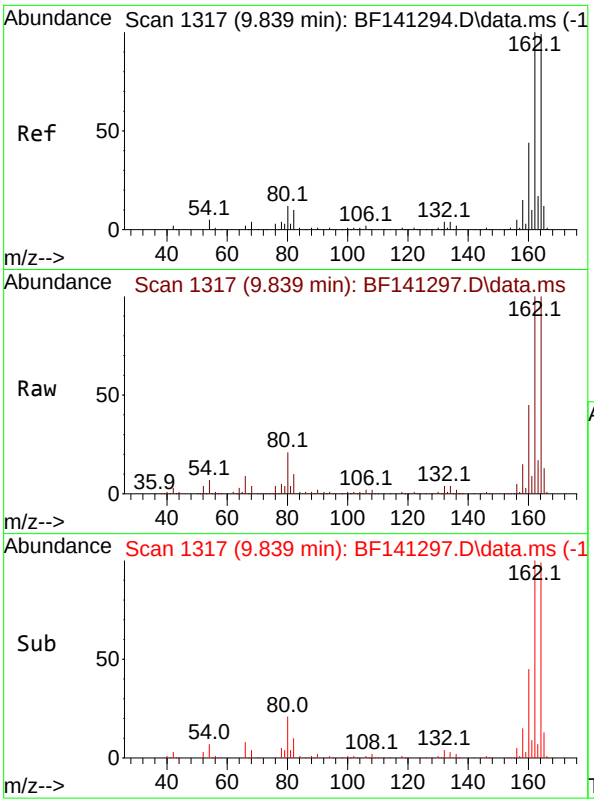


#38
1-Methylnaphthalene
Concen: 67.988 ng
RT: 8.898 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:142 Resp: 1146275

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8



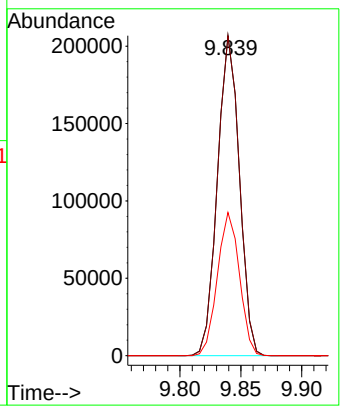


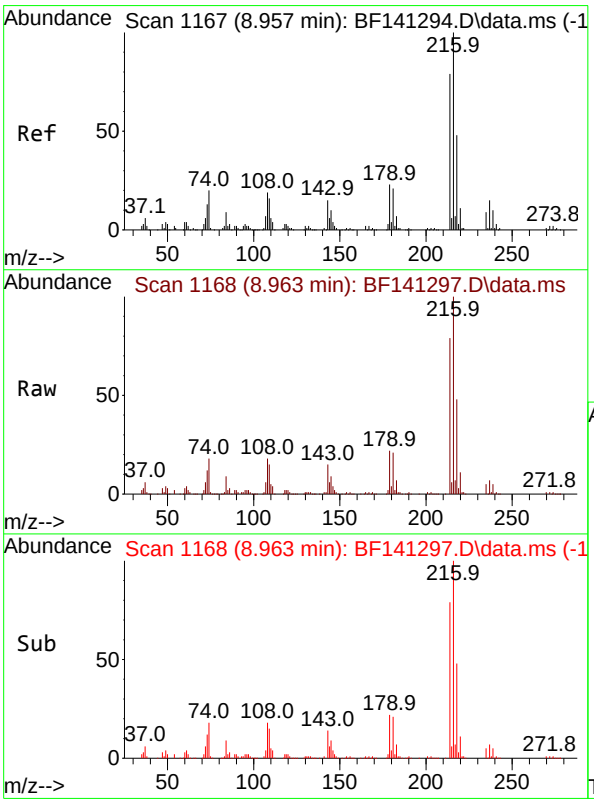
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:164 Resp: 259556

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.8	35.8	53.6

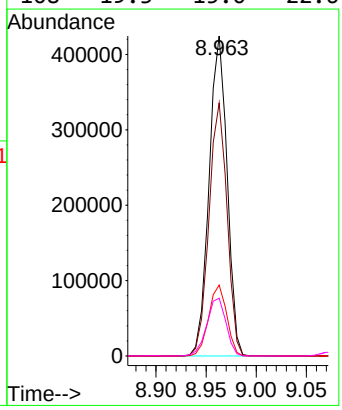


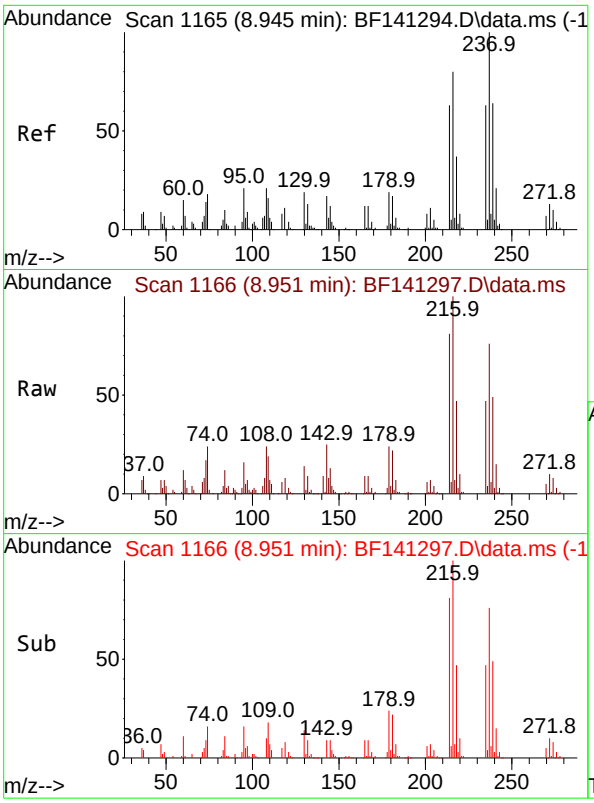


#40
1,2,4,5-Tetrachlorobenzene
Concen: 70.756 ng
RT: 8.963 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:216 Resp: 531237

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.3	17.8	26.8
108	19.3	15.0	22.6



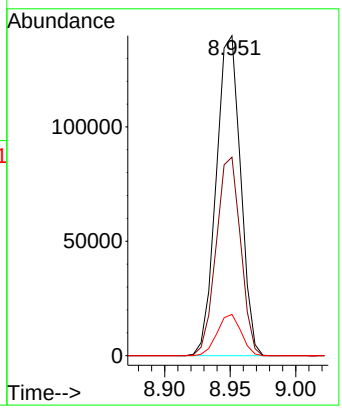


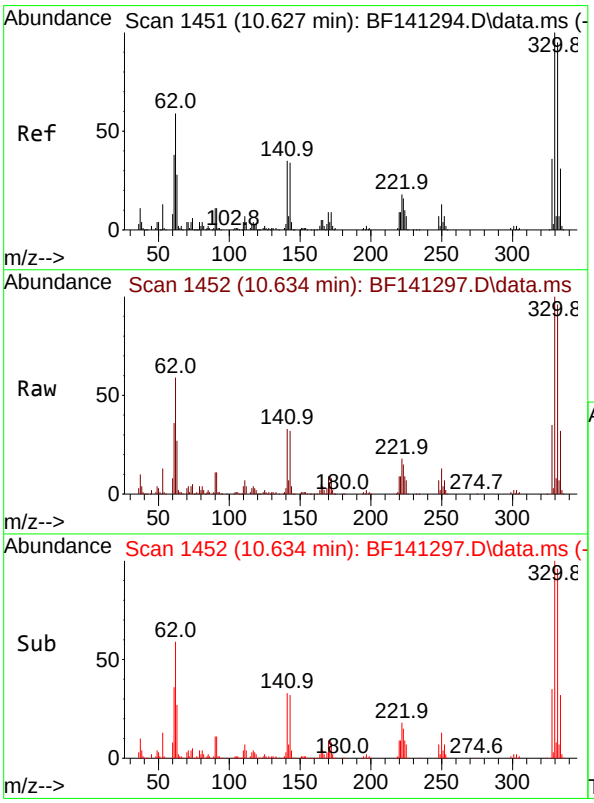
#41
Hexachlorocyclopentadiene
Concen: 83.336 ng
RT: 8.951 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:237 Resp: 180658

Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.9	82.9
272	12.9	0.0	32.8

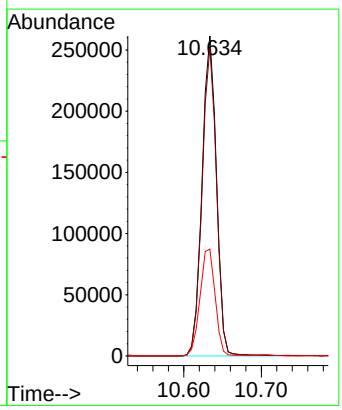


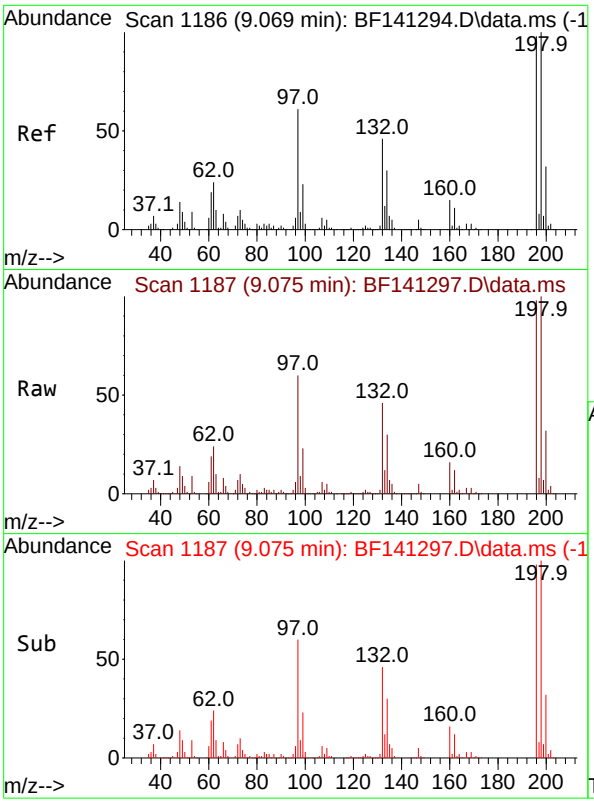


#42
2,4,6-Tribromophenol
Concen: 139.281 ng
RT: 10.634 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:330 Resp: 337670

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	35.3	28.8	43.2



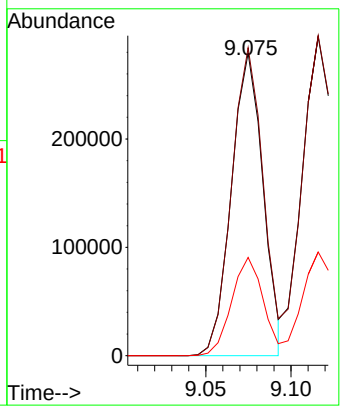


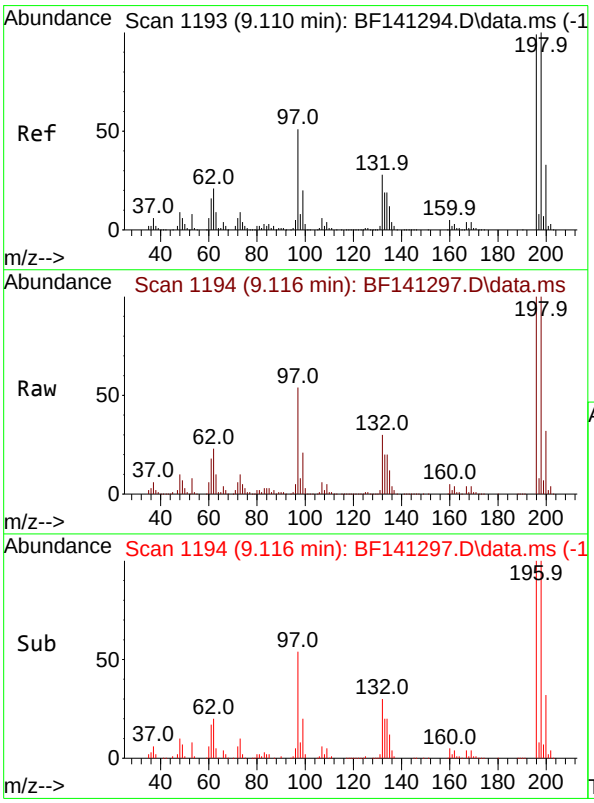
#43
2,4,6-Trichlorophenol
Concen: 73.727 ng
RT: 9.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:196 Resp: 360370

Ion	Ratio	Lower	Upper
196	100		
198	101.8	81.8	122.6
200	32.5	26.3	39.5

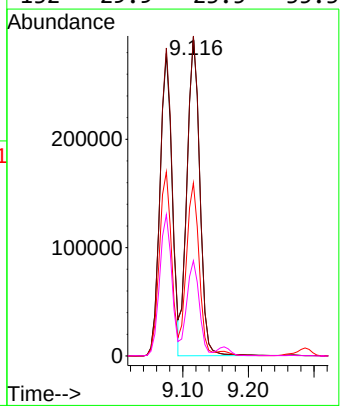


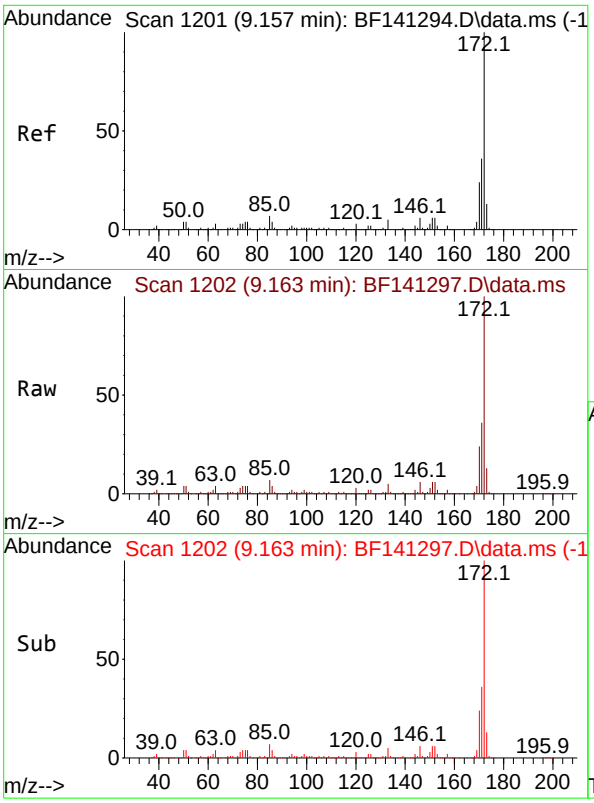


#44
2,4,5-Trichlorophenol
Concen: 74.958 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:196 Resp: 397887

Ion	Ratio	Lower	Upper
196	100		
198	100.3	80.5	120.7
97	54.2	42.8	64.2
132	29.9	23.5	35.3



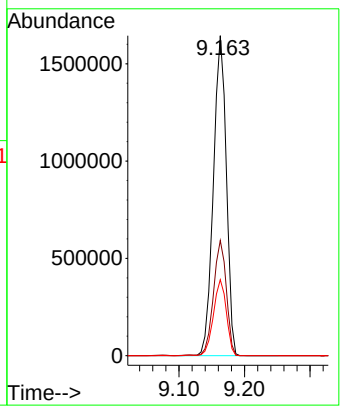


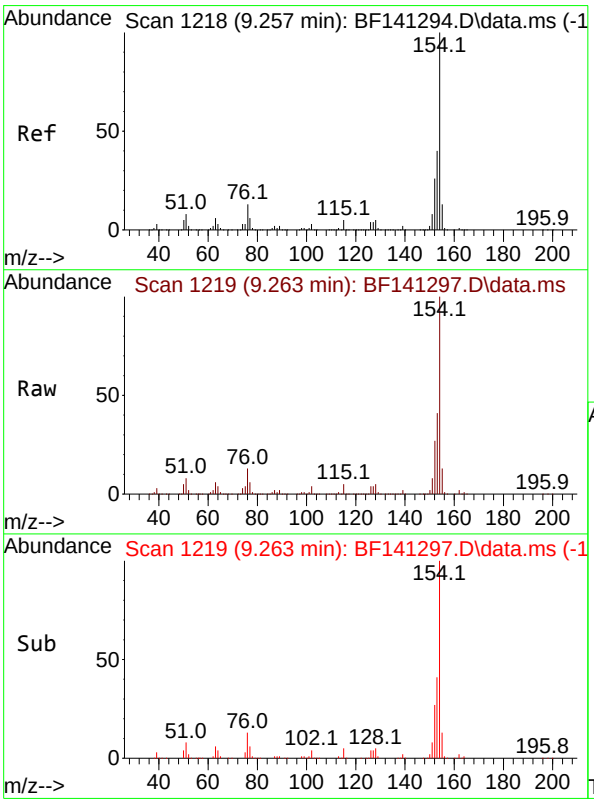
#45
2-Fluorobiphenyl
Concen: 129.739 ng
RT: 9.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:172 Resp: 2248567

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.7	19.0	28.6

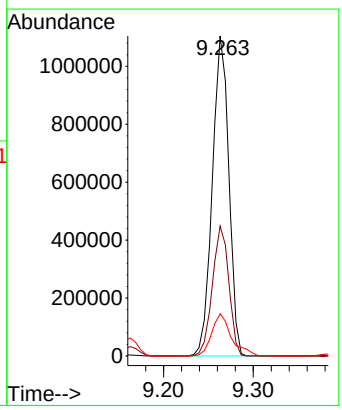


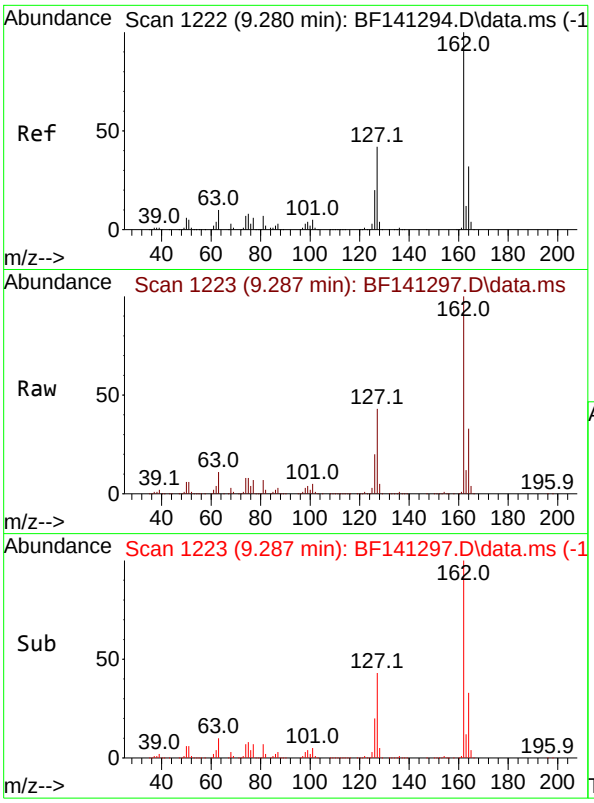


#46
1,1'-Biphenyl
Concen: 68.298 ng
RT: 9.263 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:154 Resp: 1412015

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.0	60.0
76	13.2	0.0	32.8



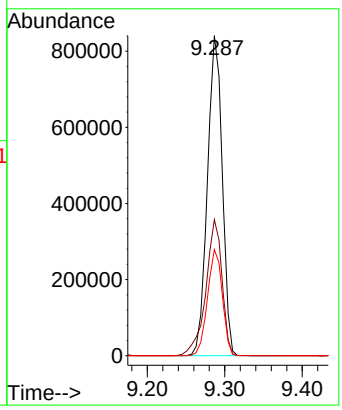


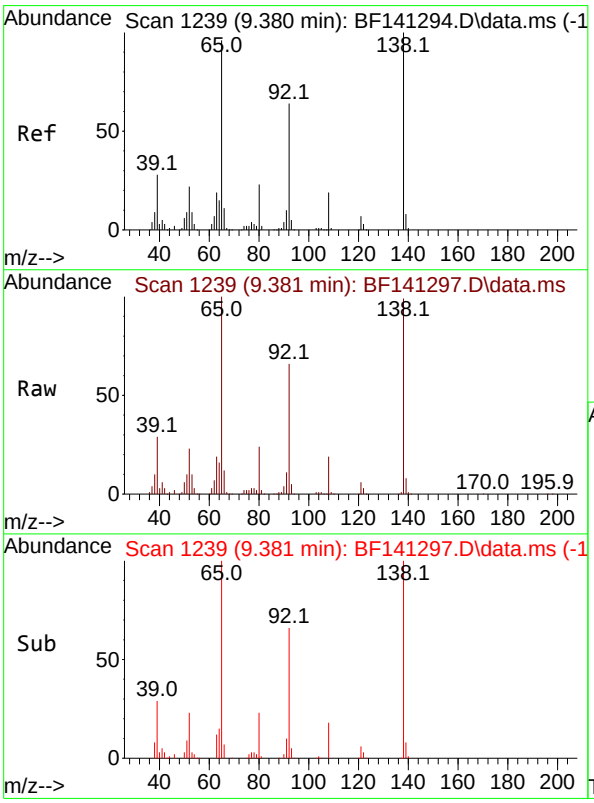
#47
2-Chloronaphthalene
Concen: 69.578 ng
RT: 9.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:162 Resp: 1118593

Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.7	50.5
164	33.1	25.9	38.9

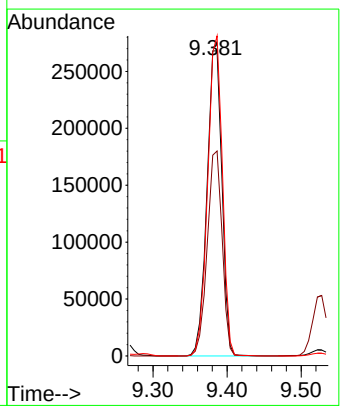


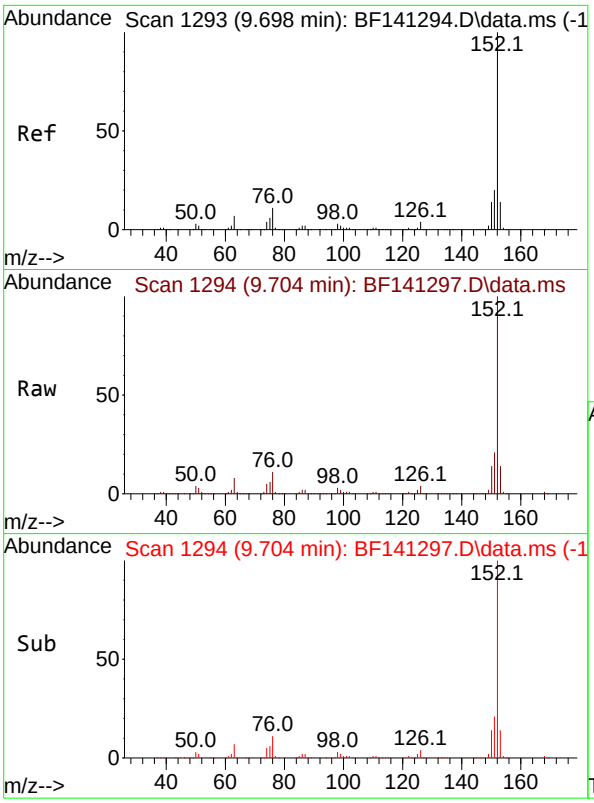


#48
2-Nitroaniline
Concen: 75.652 ng
RT: 9.381 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion: 65 Resp: 378379

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.3	79.9
138	99.5	83.6	125.4



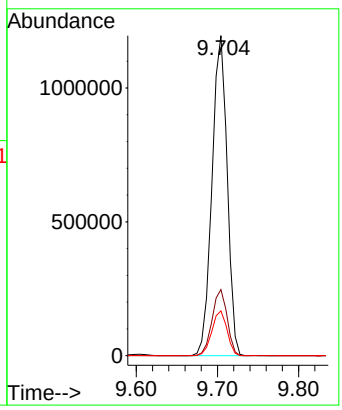


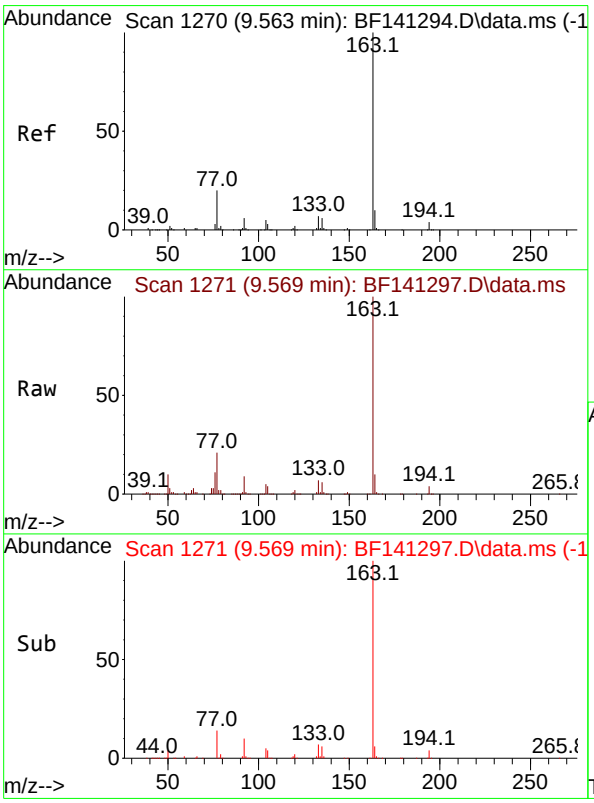
#49
Acenaphthylene
Concen: 68.901 ng
RT: 9.704 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:152 Resp: 1552508

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.2
153	14.0	11.0	16.6

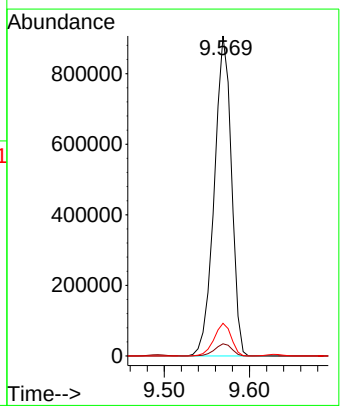


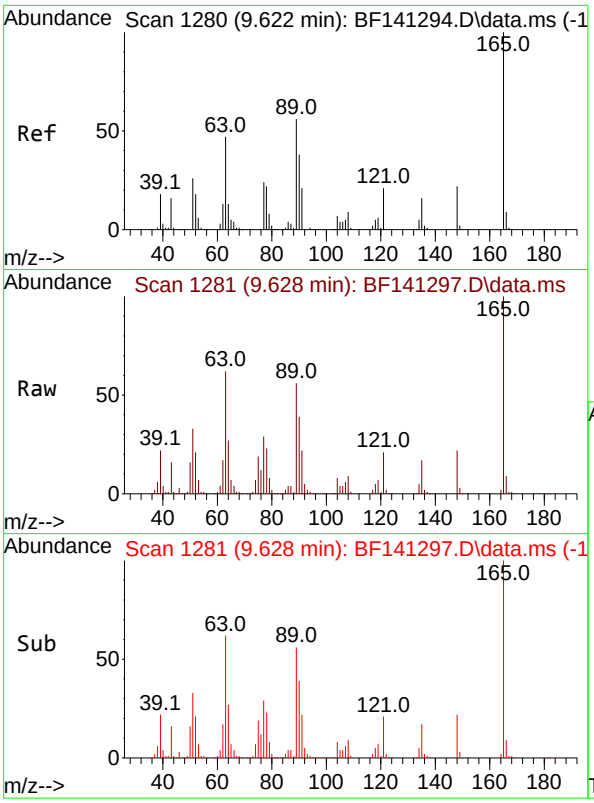


#50
Dimethylphthalate
Concen: 71.308 ng
RT: 9.569 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:163 Resp: 1269770

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



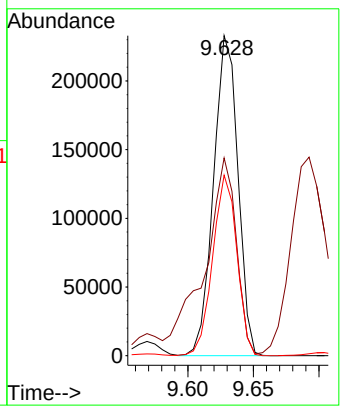


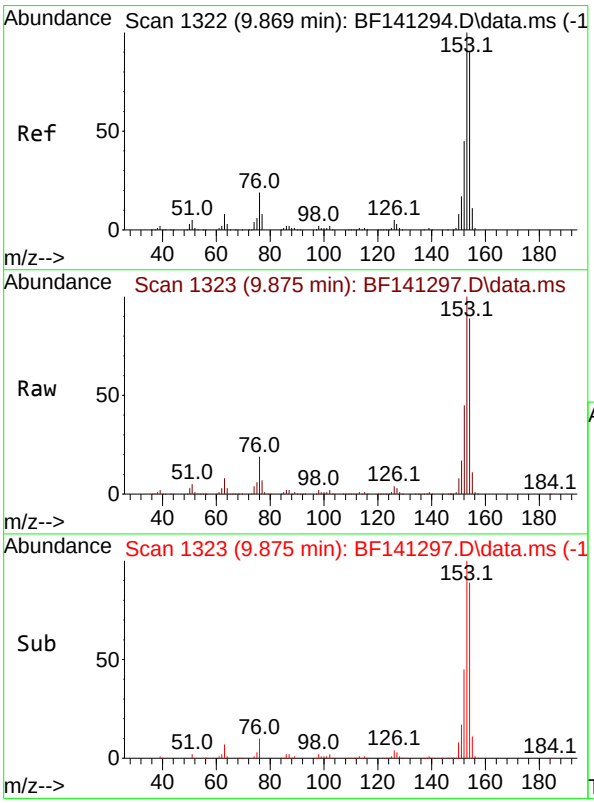
#51
2,6-Dinitrotoluene
Concen: 72.992 ng
RT: 9.628 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 300867

Ion	Ratio	Lower	Upper
165	100		
63	61.8	48.1	72.1
89	56.4	44.9	67.3

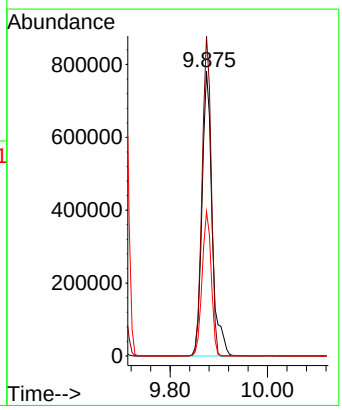


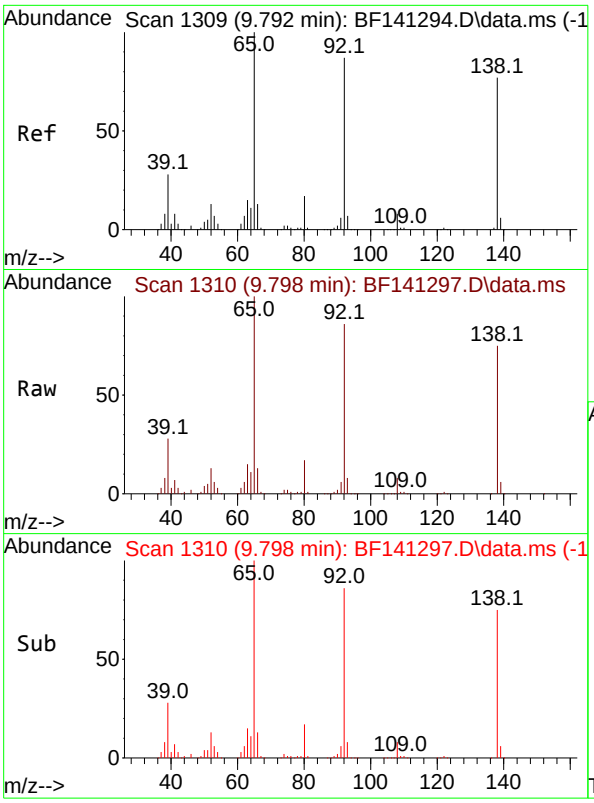


#52
Acenaphthene
Concen: 69.700 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:154 Resp: 1120345

Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.0	133.4
152	50.7	40.2	60.4



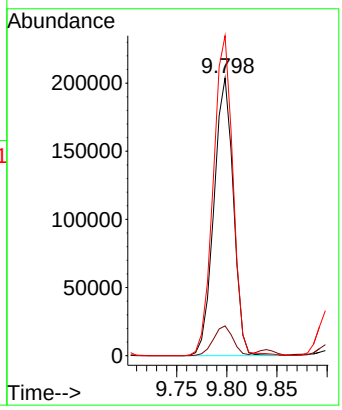


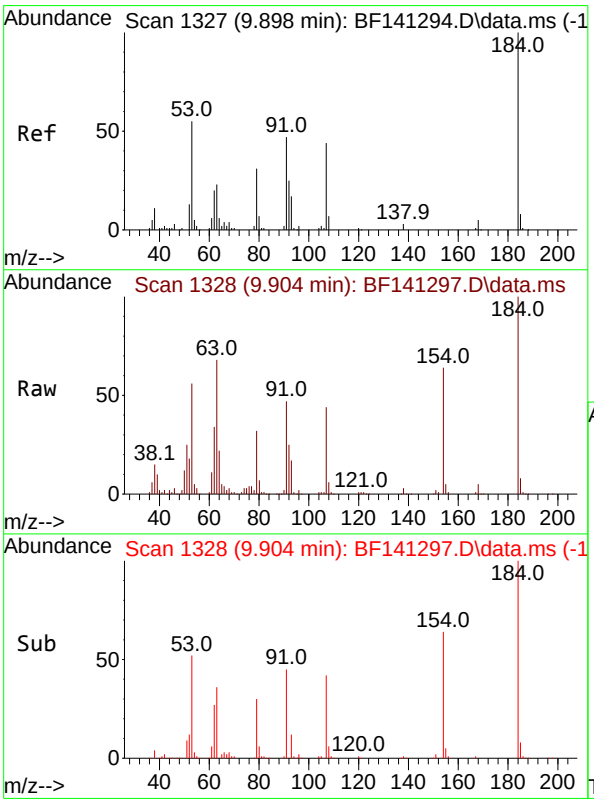
#53
3-Nitroaniline
Concen: 67.215 ng
RT: 9.798 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:138 Resp: 274410

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	115.2	91.0	136.6

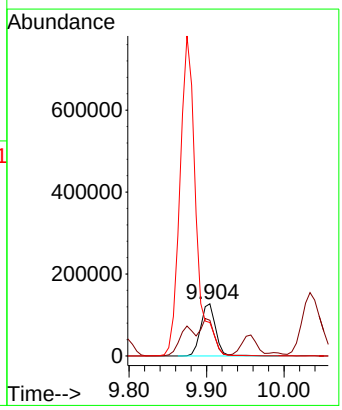


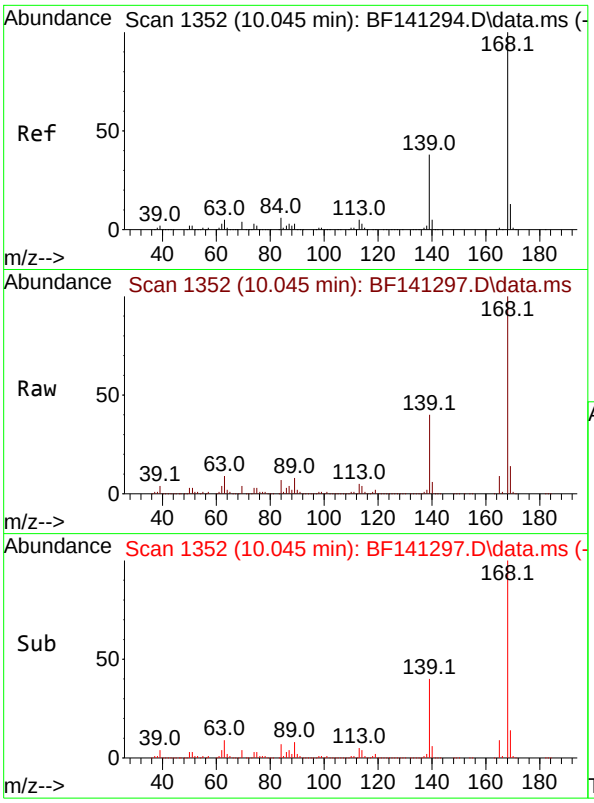


#54
2,4-Dinitrophenol
Concen: 101.582 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:184 Resp: 169946

Ion	Ratio	Lower	Upper
184	100		
63	68.3	54.1	81.1
154	64.0	50.7	76.1



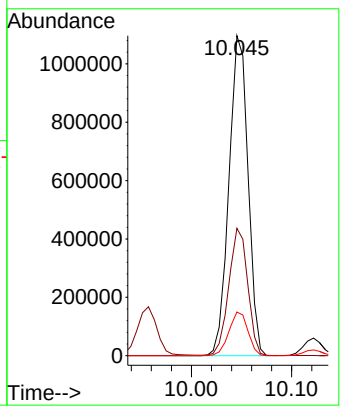


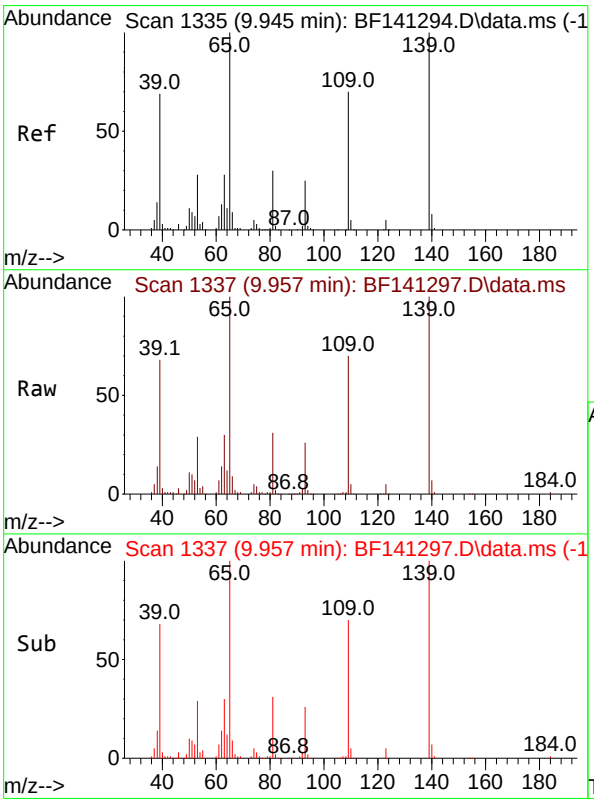
#55
Dibenzofuran
Concen: 67.158 ng
RT: 10.045 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:168 Resp: 1451668

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.6	46.0
169	13.7	10.8	16.2

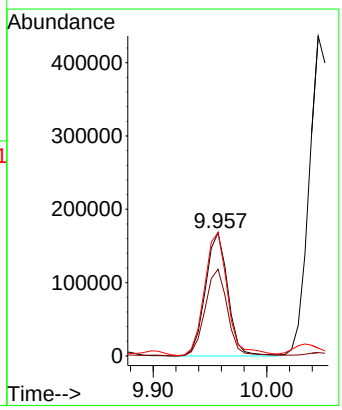


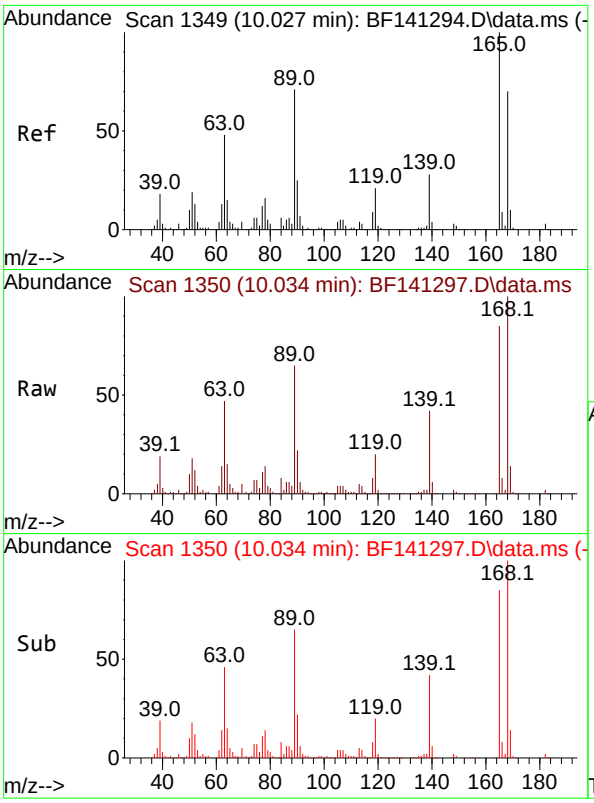


#56
4-Nitrophenol
Concen: 78.788 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:139 Resp: 230369

Ion	Ratio	Lower	Upper
139	100		
109	70.4	50.2	90.2
65	100.3	80.6	120.6



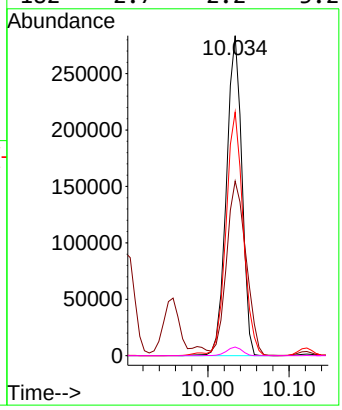


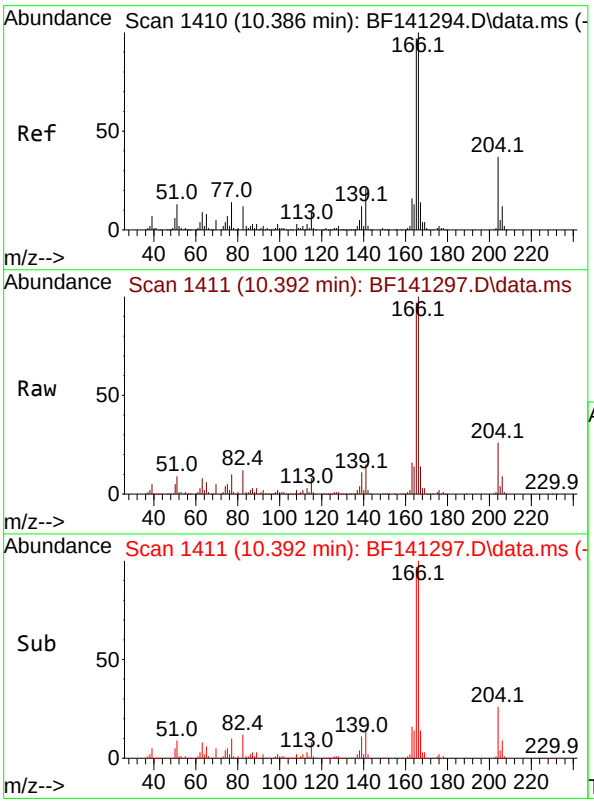
#57
2,4-Dinitrotoluene
Concen: 70.012 ng
RT: 10.034 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:165 Resp: 375659

Ion	Ratio	Lower	Upper
165	100		
63	54.5	39.2	58.8
89	76.1	56.9	85.3
182	2.7	2.2	3.2

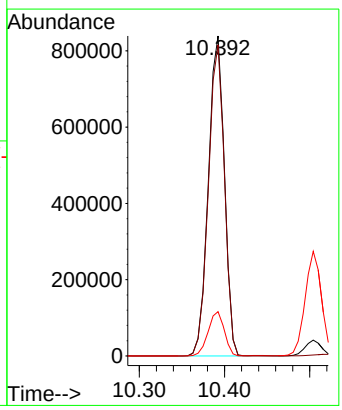


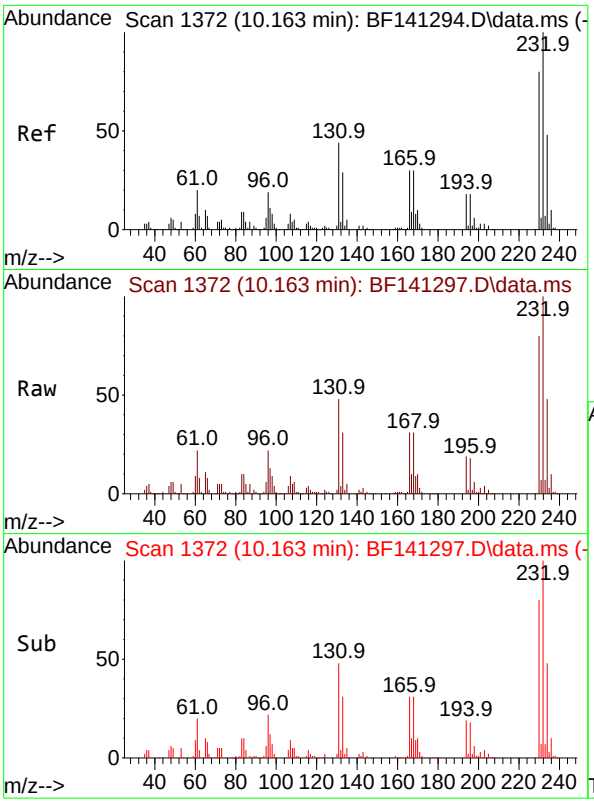


#58
Fluorene
Concen: 65.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:166 Resp: 1099129

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.5	116.3
167	13.9	10.9	16.3



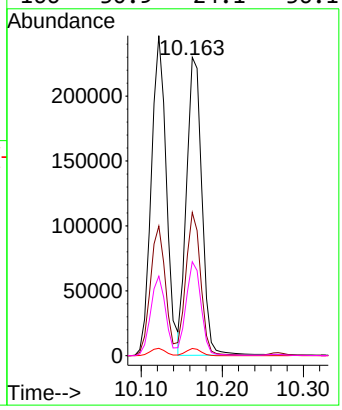


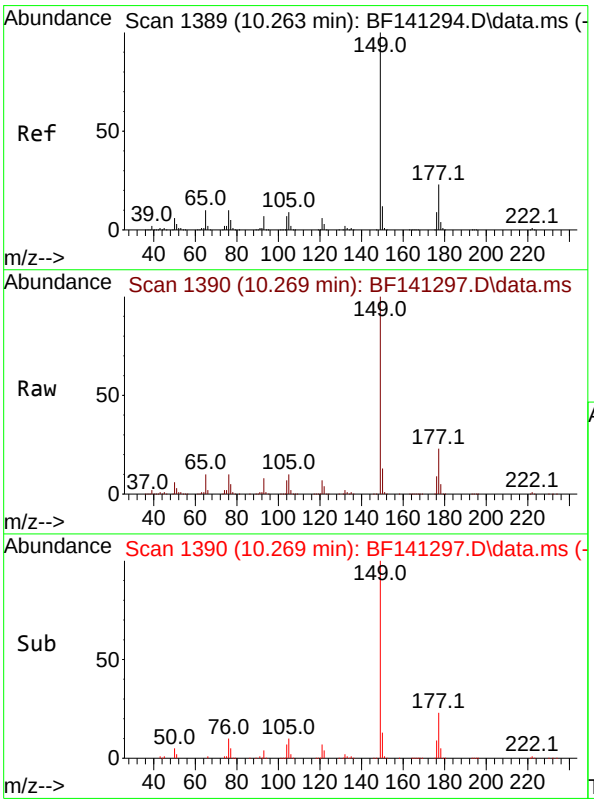
#59
2,3,4,6-Tetrachlorophenol
Concen: 72.005 ng
RT: 10.163 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:232 Resp: 302300

Ion	Ratio	Lower	Upper
232	100		
131	47.5	36.4	54.6
130	2.4	1.9	2.9
166	30.9	24.1	36.1

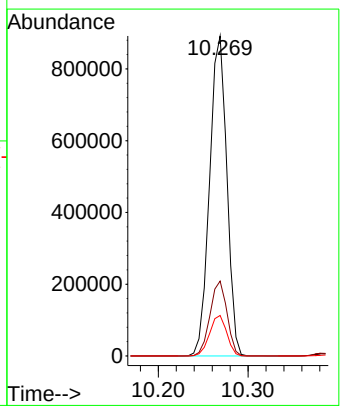


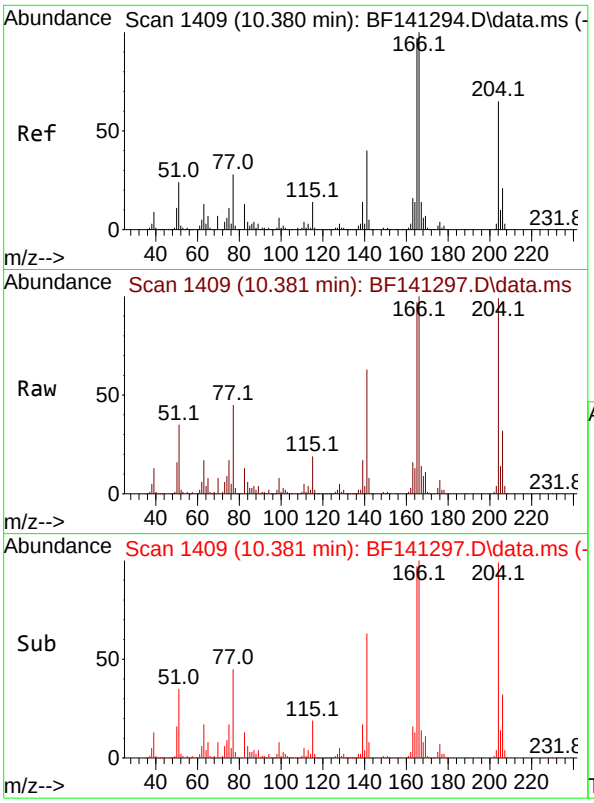


#60
Diethylphthalate
Concen: 68.571 ng
RT: 10.269 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 1189833

Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.5	27.7
150	12.7	10.0	15.0



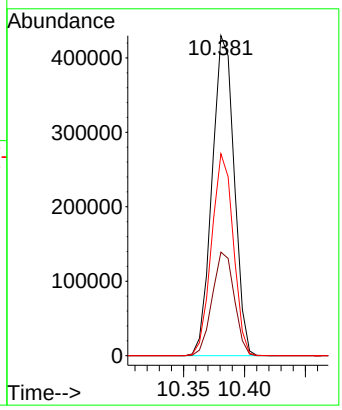


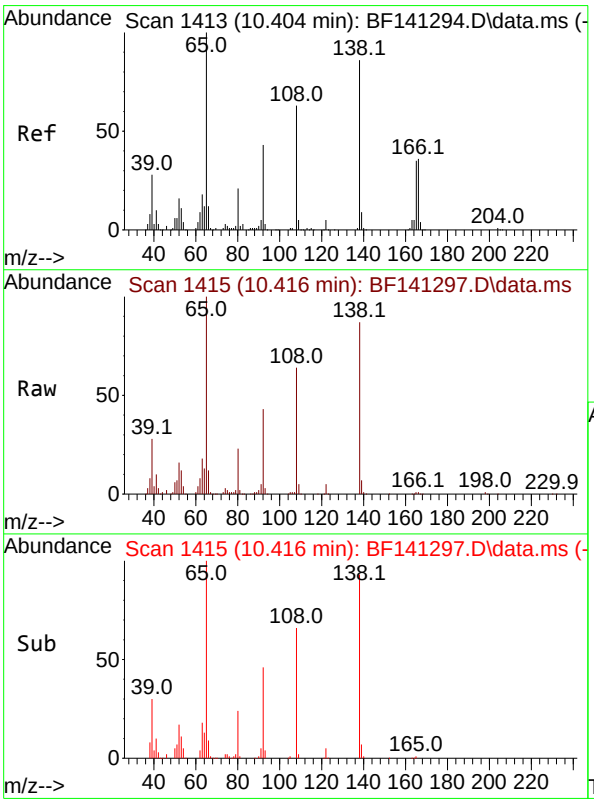
#61
4-Chlorophenyl-phenylether
Concen: 65.968 ng
RT: 10.381 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:204 Resp: 541468

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	63.1	49.5	74.3

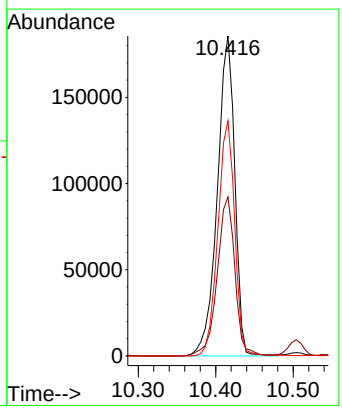


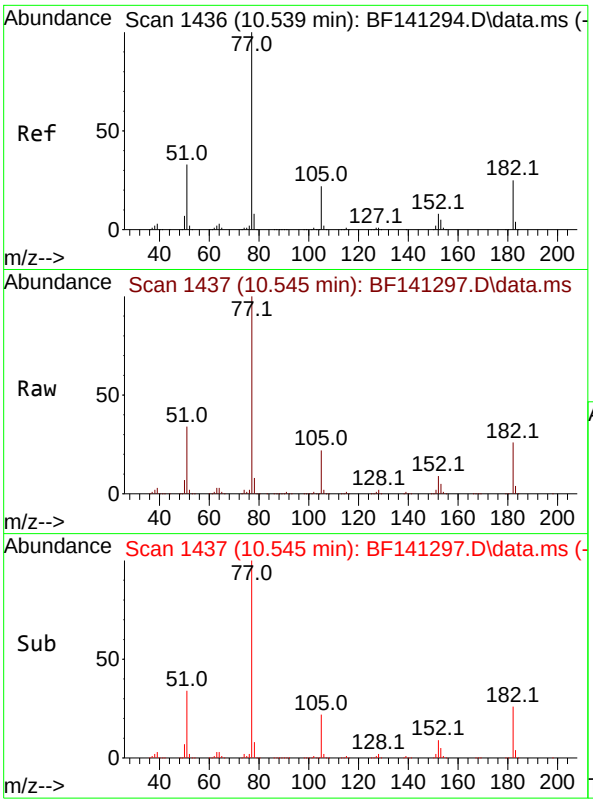


#62
4-Nitroaniline
Concen: 73.604 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:138 Resp: 292019

Ion	Ratio	Lower	Upper
138	100		
92	49.7	30.1	70.1
108	73.5	53.1	93.1



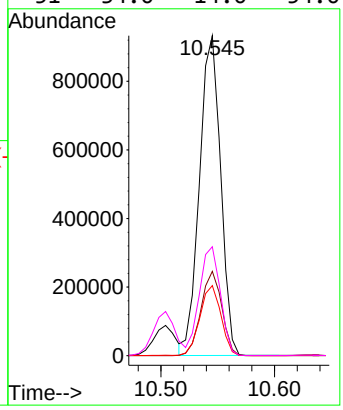


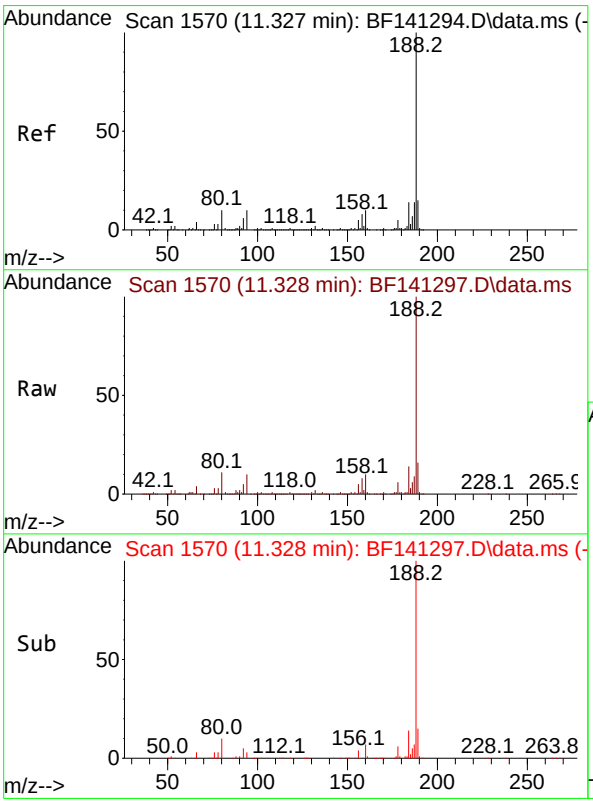
#63
Azobenzene
Concen: 69.582 ng
RT: 10.545 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 77 Resp: 1206328

Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.1	45.1
105	21.9	1.8	41.8
51	34.0	14.0	54.0

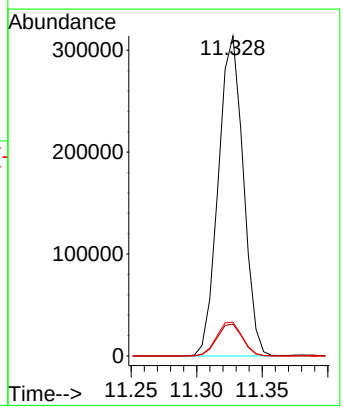


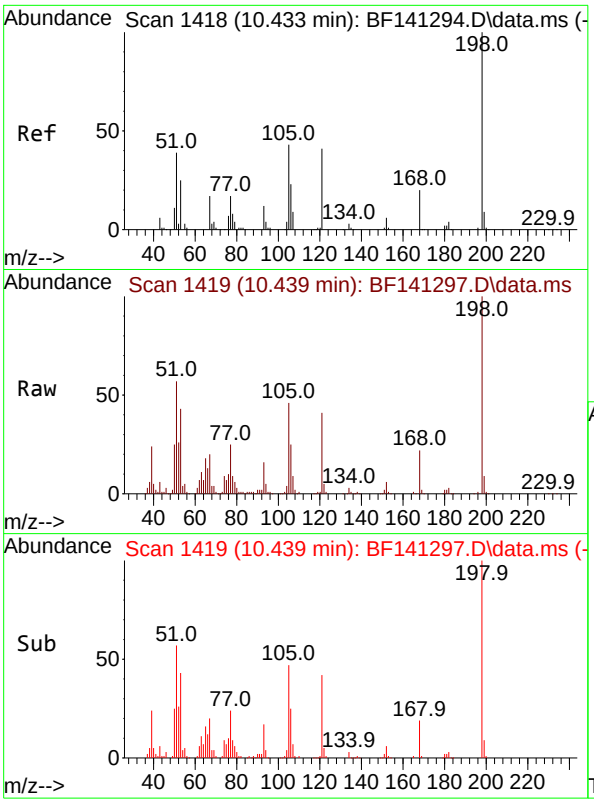


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:188 Resp: 415634

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.6	8.2	12.4



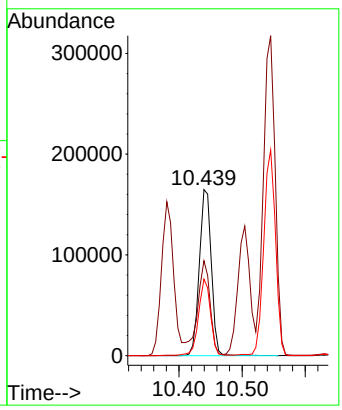


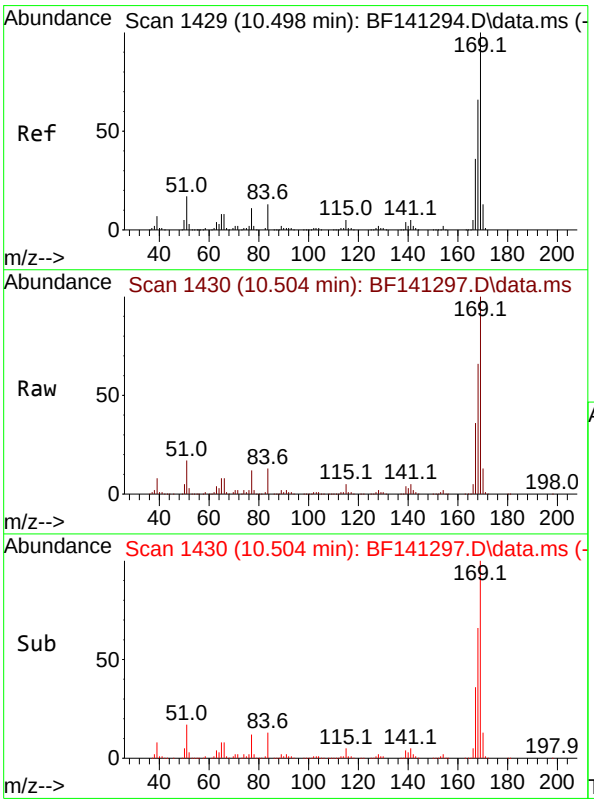
#65
4,6-Dinitro-2-methylphenol
Concen: 89.943 ng
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 217265

Ion	Ratio	Lower	Upper
198	100		
51	57.1	33.4	73.4
105	46.0	24.4	64.4

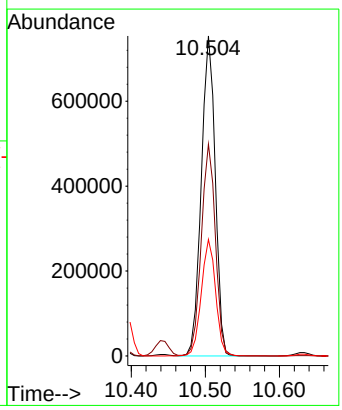


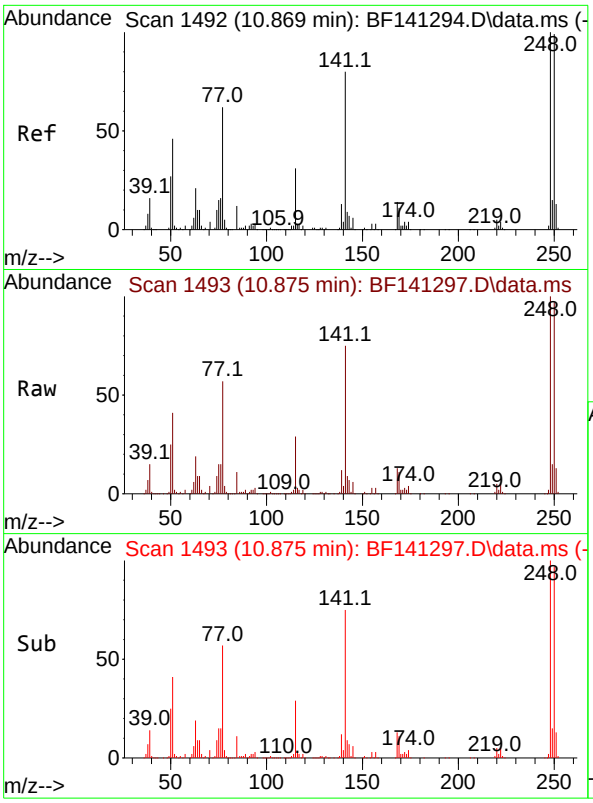


#66
n-Nitrosodiphenylamine
Concen: 72.353 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:169 Resp: 986121

Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.0	79.4
167	36.4	28.8	43.2



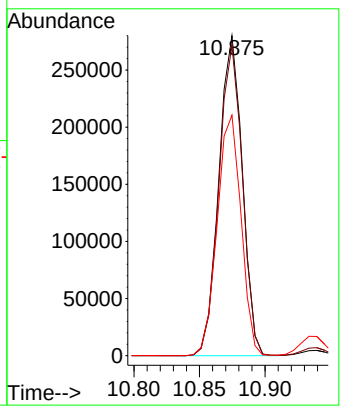


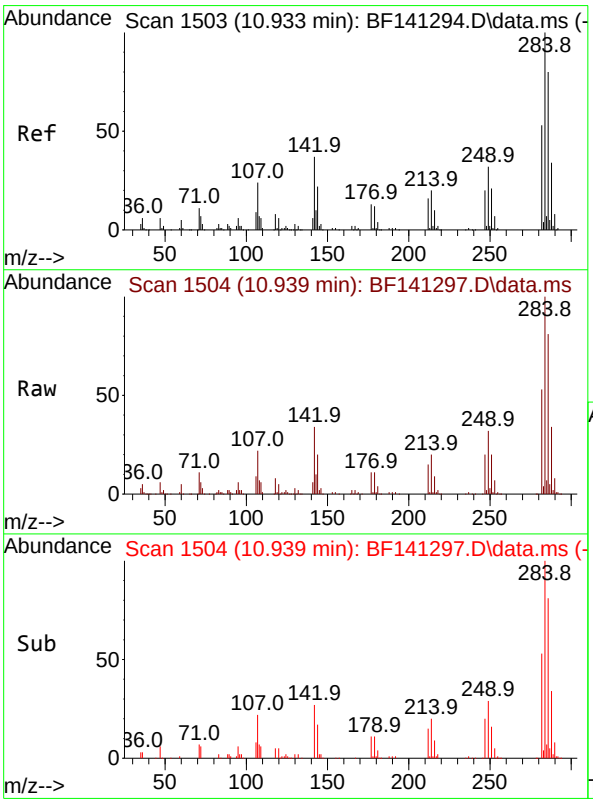
#67
4-Bromophenyl-phenylether
Concen: 74.136 ng
RT: 10.875 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:248 Resp: 348615

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.4
141	75.1	63.7	95.5

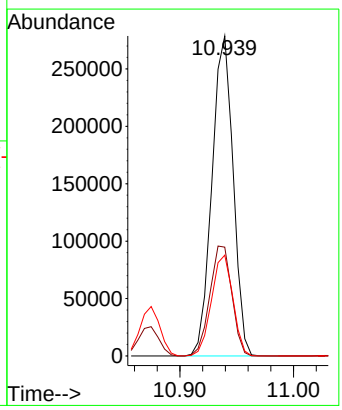


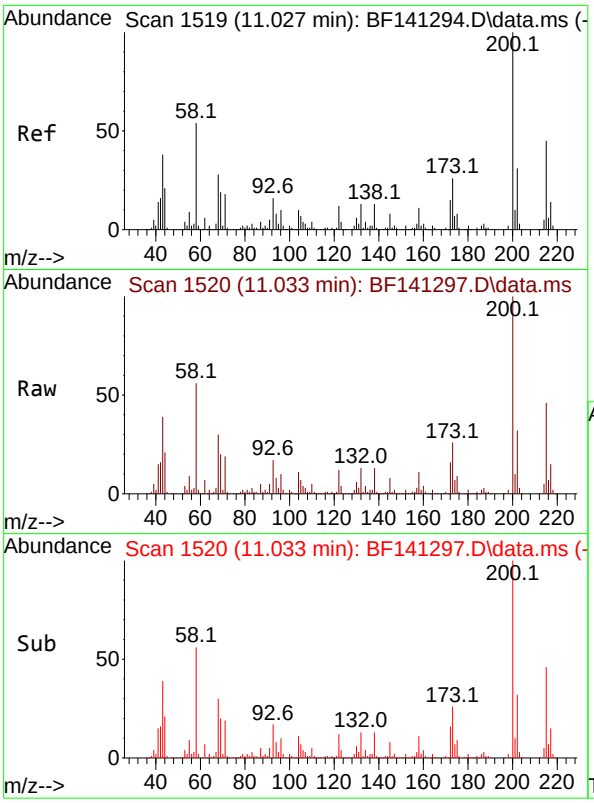


#68
Hexachlorobenzene
Concen: 72.215 ng
RT: 10.939 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:284 Resp: 361469

Ion	Ratio	Lower	Upper
284	100		
142	34.0	29.5	44.3
249	31.5	25.4	38.2



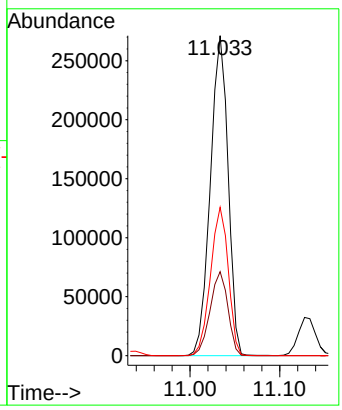


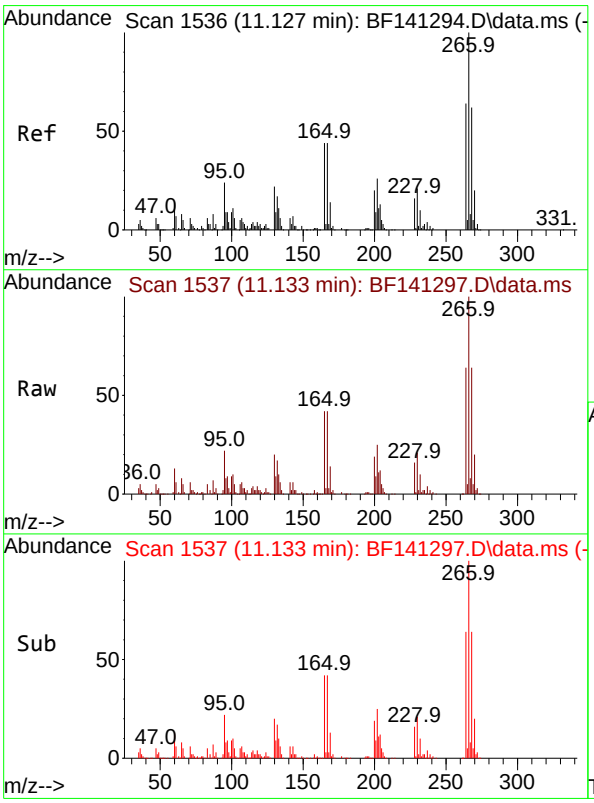
#69
Atrazine
Concen: 83.452 ng
RT: 11.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:200 Resp: 372792

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.9	45.9
215	46.4	25.2	65.2

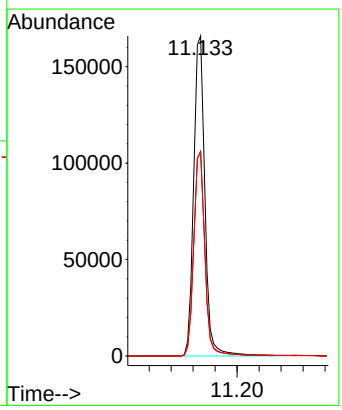


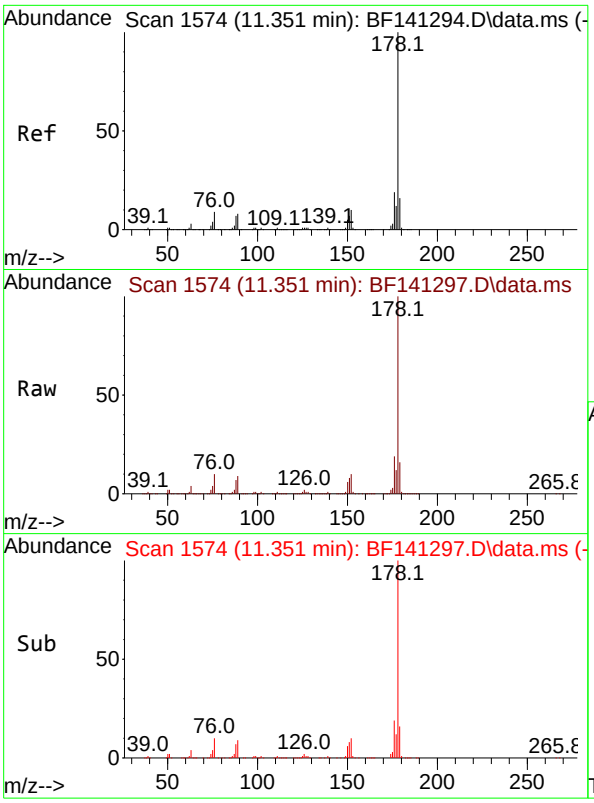


#70
Pentachlorophenol
Concen: 81.539 ng
RT: 11.133 min Scan# 1537
Delta R.T. 0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:266 Resp: 235030

Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.9	74.9
264	63.7	51.0	76.4



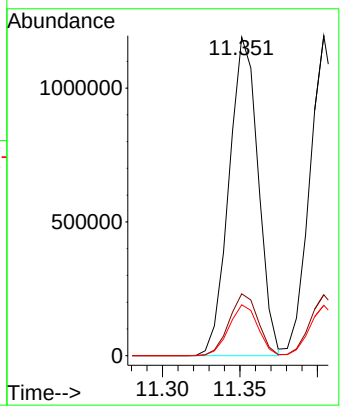


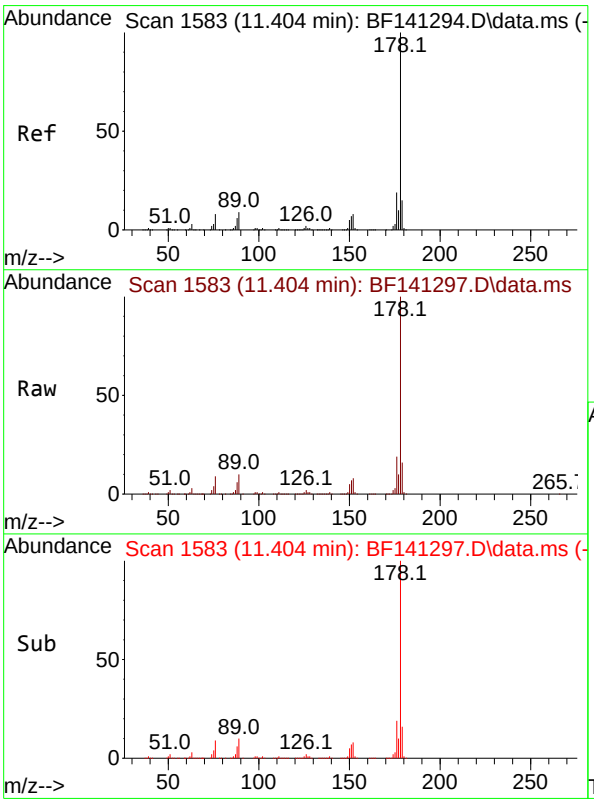
#71
Phenanthrene
Concen: 68.257 ng
RT: 11.351 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:178 Resp: 1557660

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	16.0	12.5	18.7

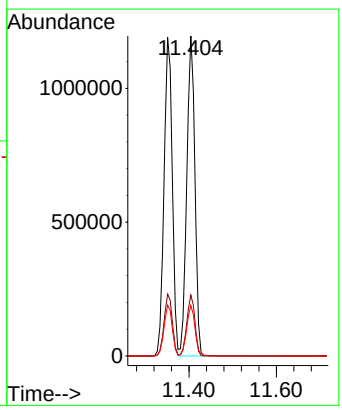


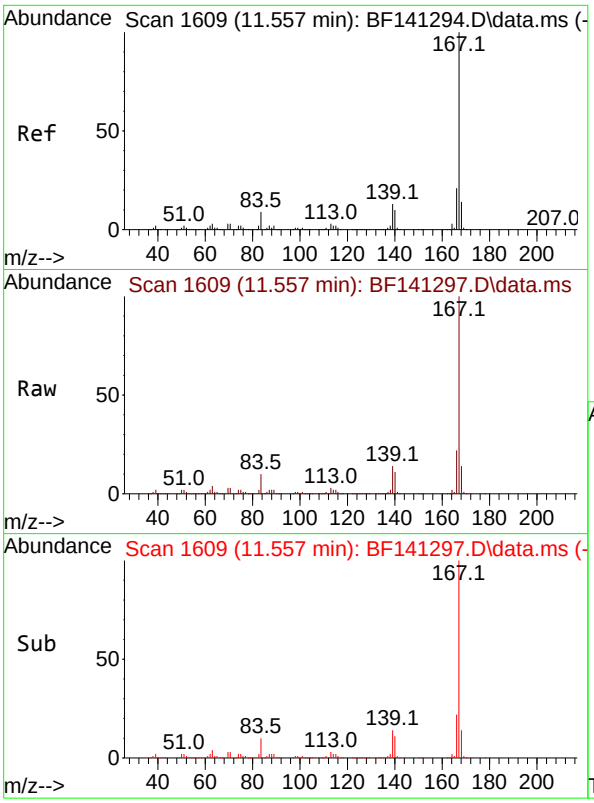


#72
Anthracene
Concen: 68.749 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:178 Resp: 1535860

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.8	12.3	18.5



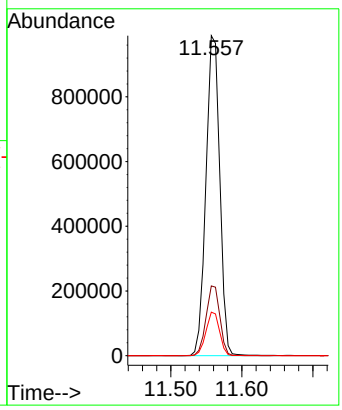


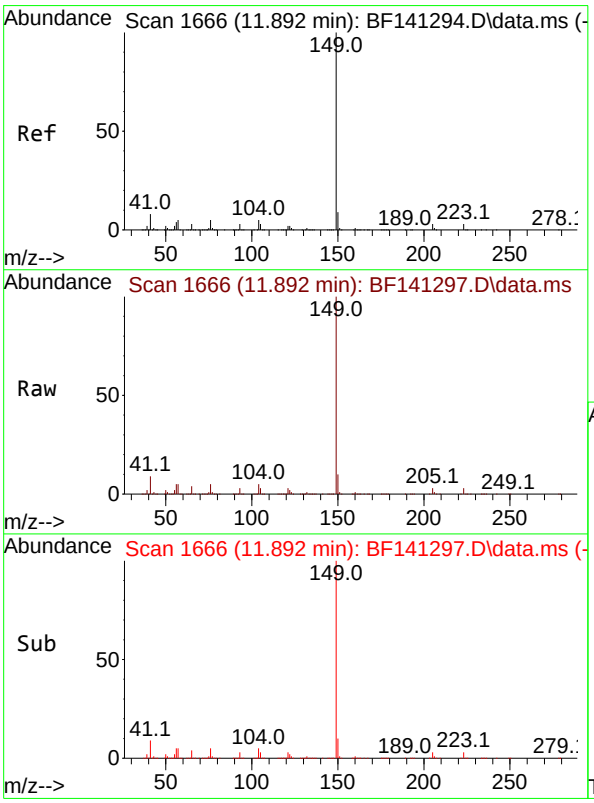
#73
Carbazole
Concen: 67.630 ng
RT: 11.557 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:167 Resp: 1342447

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.6	10.6	16.0

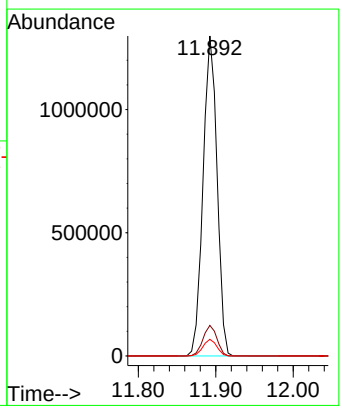


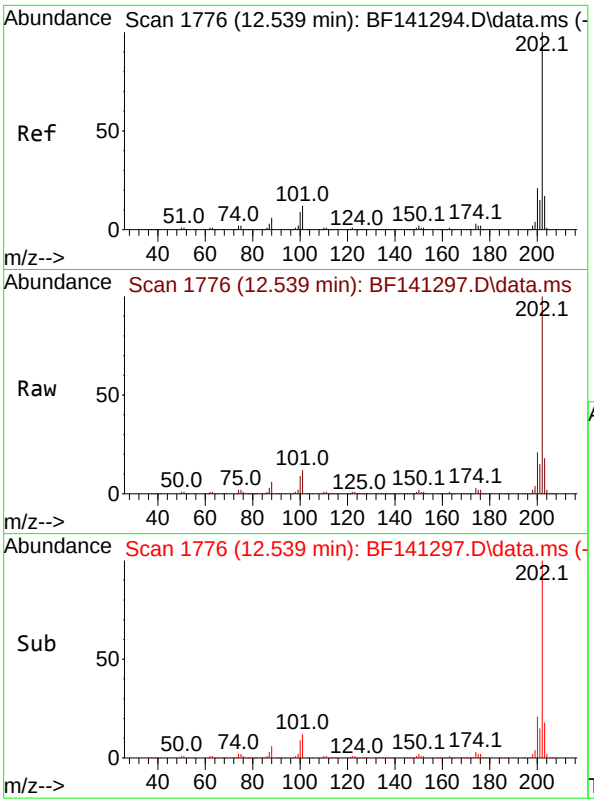


#74
Di-n-butylphthalate
Concen: 67.604 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 1626342

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.2	3.9	5.9



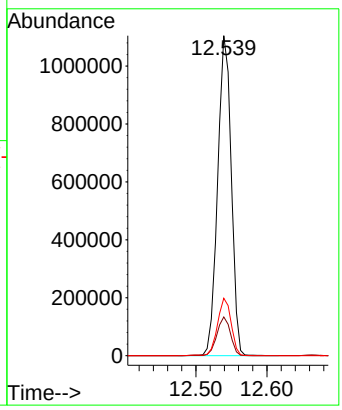


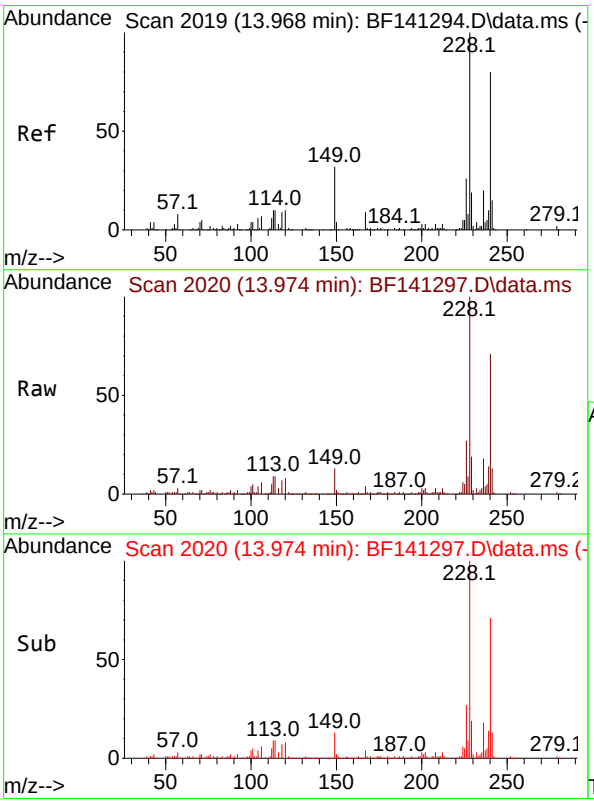
#75
Fluoranthene
Concen: 64.490 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:202 Resp: 1463196

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.7
203	18.0	0.0	37.5

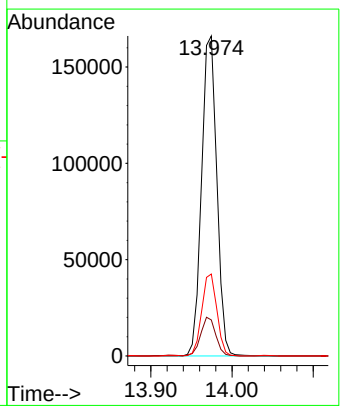


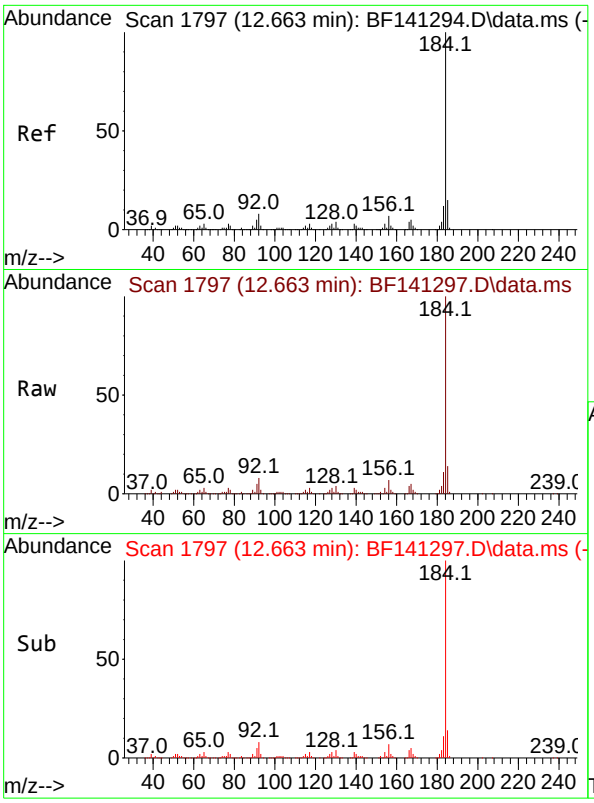


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:240 Resp: 216592

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.0	15.0
236	25.6	19.7	29.5



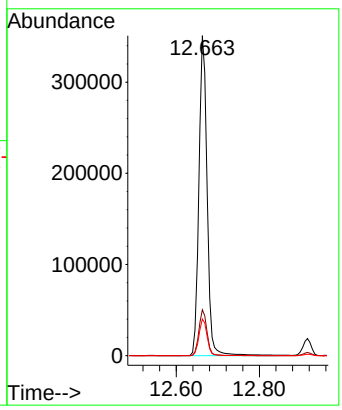


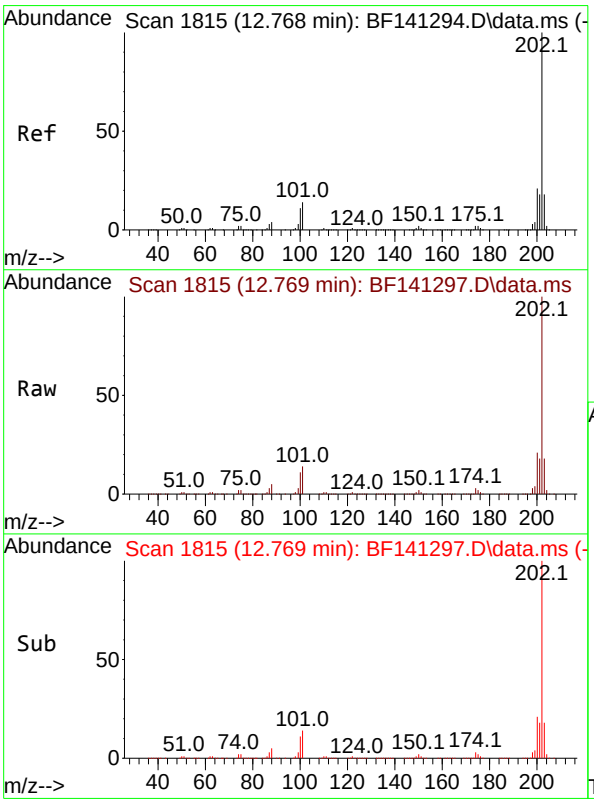
#77
Benzidine
Concen: 67.834 ng
RT: 12.663 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:184 Resp: 481470

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.9	17.9
183	11.5	9.5	14.3

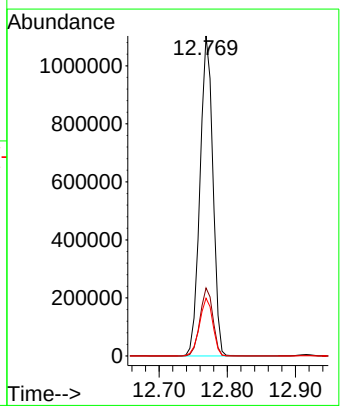


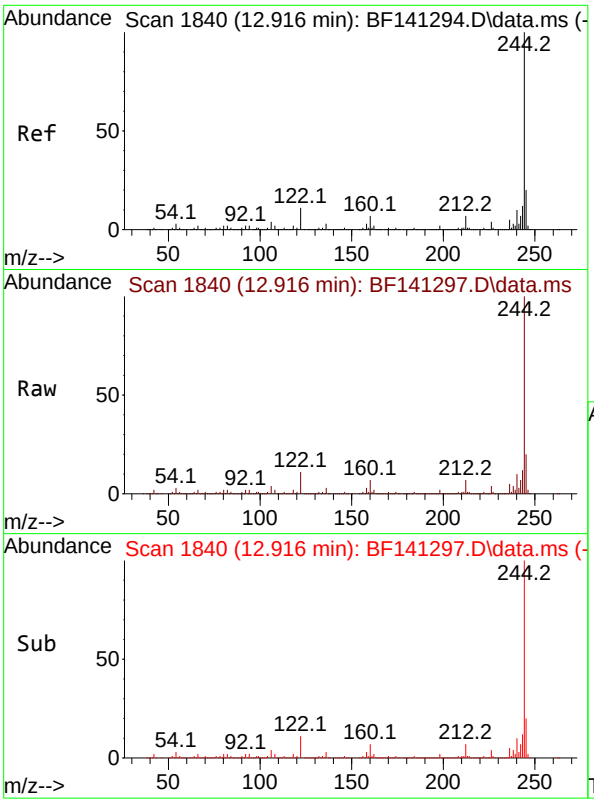


#78
Pyrene
Concen: 68.287 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:202 Resp: 1450076

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	18.0	14.3	21.5



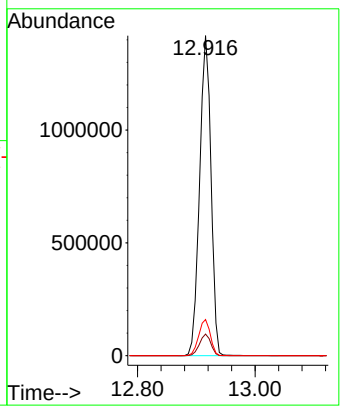


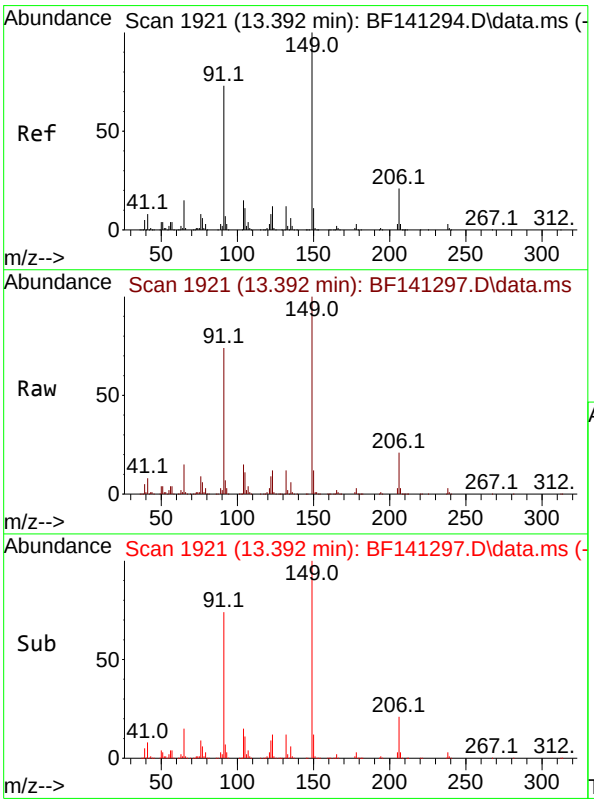
#79
Terphenyl-d14
Concen: 132.741 ng
RT: 12.916 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:244 Resp: 1910783

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.3	8.8	13.2

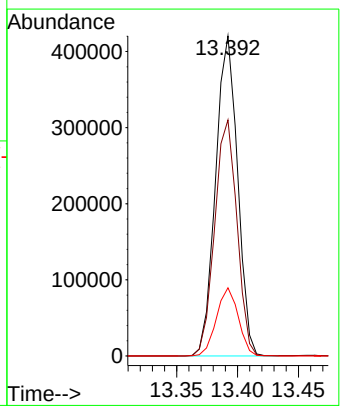


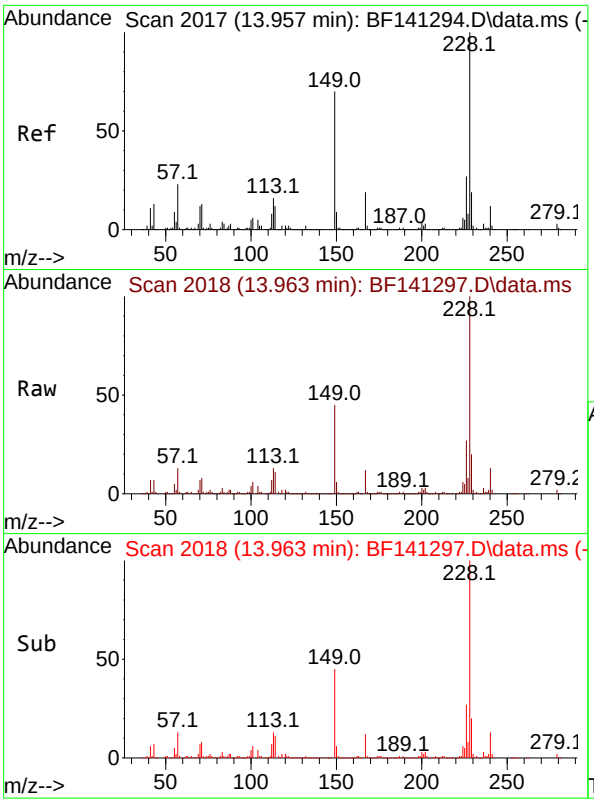


#80
Butylbenzylphthalate
Concen: 71.721 ng
RT: 13.392 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 528754

Ion	Ratio	Lower	Upper
149	100		
91	73.8	58.6	87.8
206	21.3	16.7	25.1



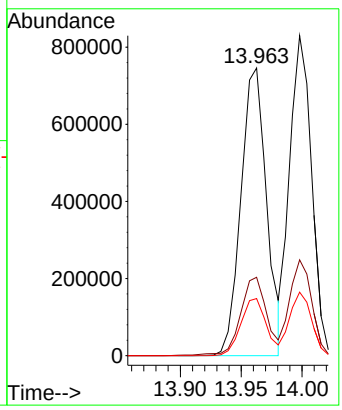


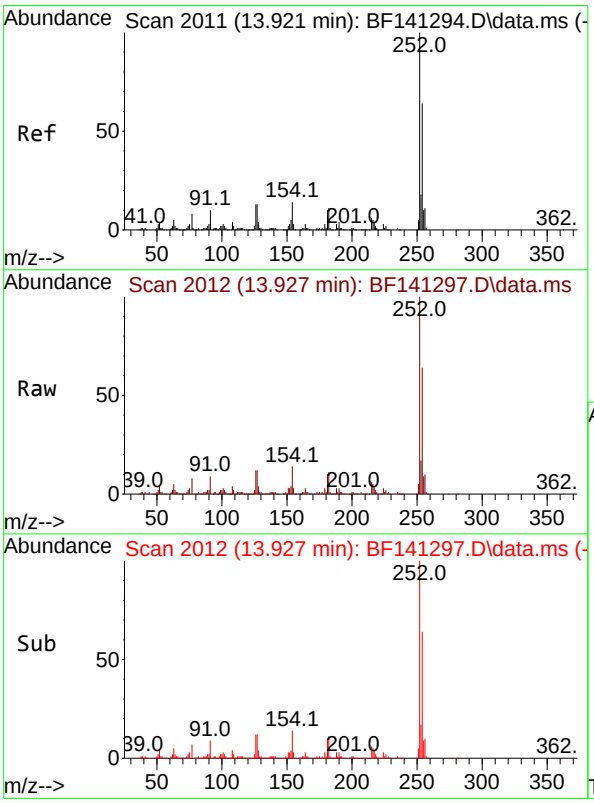
#81
Benzo(a)anthracene
Concen: 72.323 ng
RT: 13.963 min Scan# 2
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1095972

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	19.8	15.5	23.3

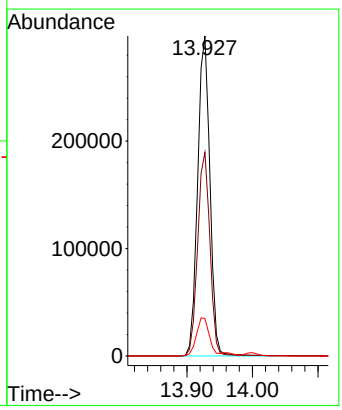


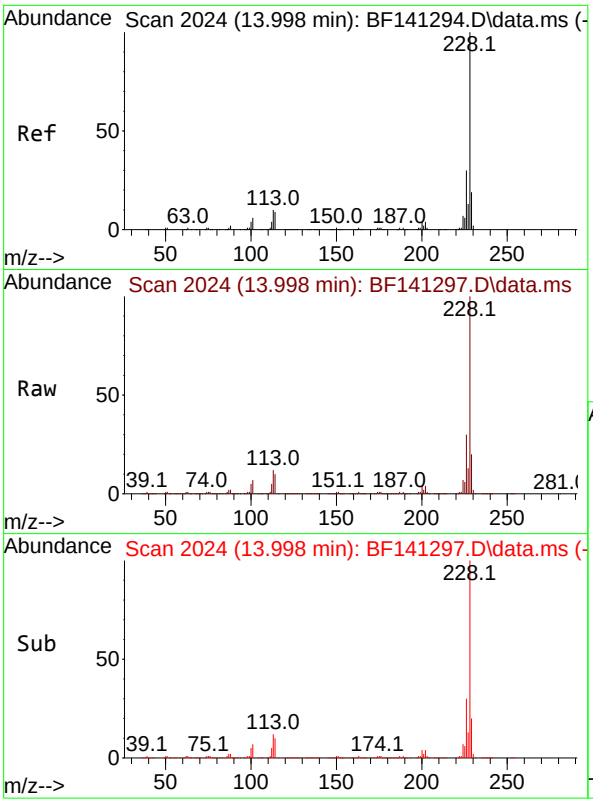


#82
3,3'-Dichlorobenzidine
Concen: 82.157 ng
RT: 13.927 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:252 Resp: 389044

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	11.7	10.0	15.0



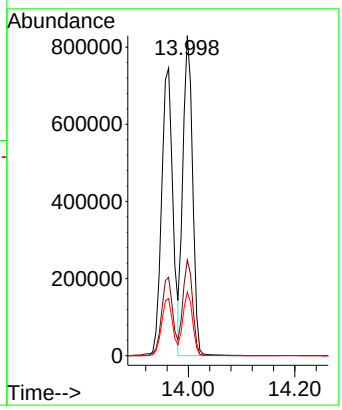


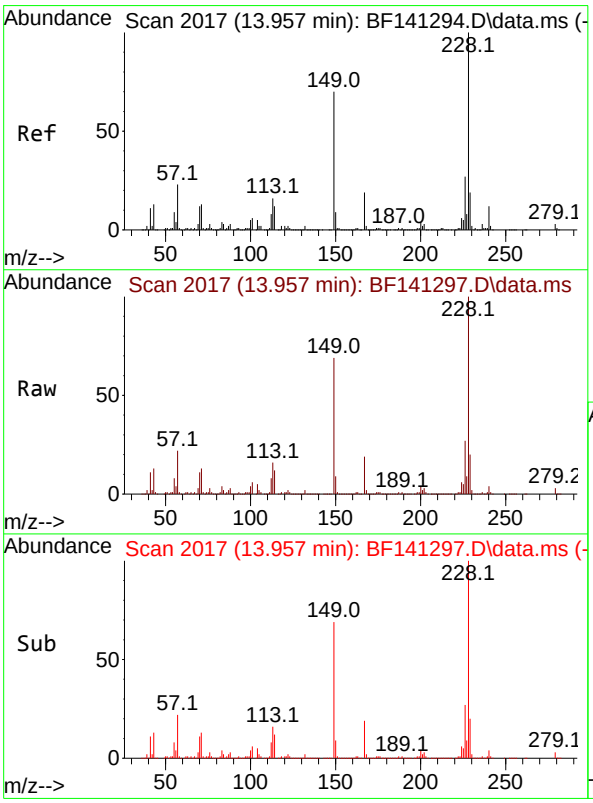
#83
Chrysene
Concen: 75.964 ng
RT: 13.998 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:228 Resp: 1048083

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.9	15.6	23.4

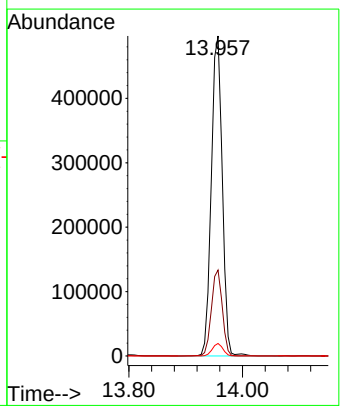


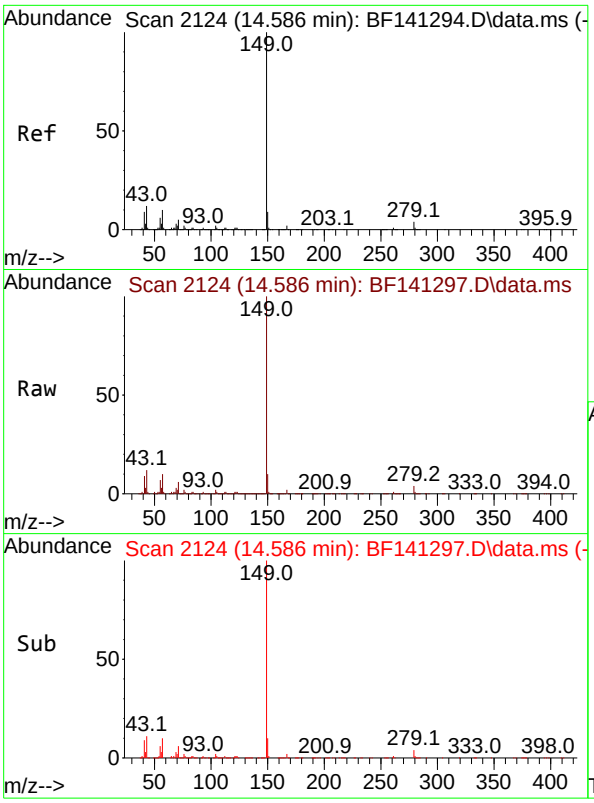


#84
Bis(2-ethylhexyl)phthalate
Concen: 70.666 ng
RT: 13.957 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:149 Resp: 662151

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.8
279	3.9	3.3	4.9



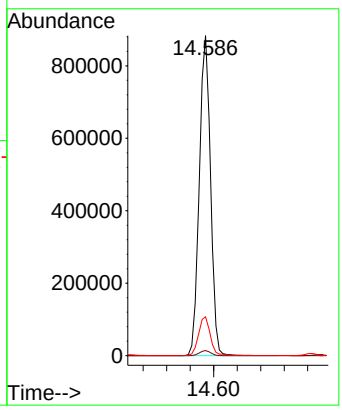


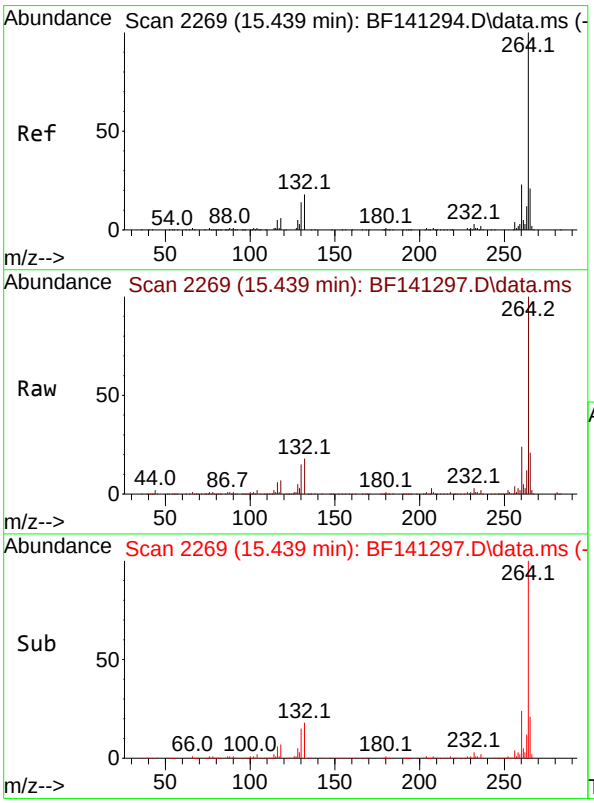
#85
Di-n-octyl phthalate
Concen: 82.148 ng
RT: 14.586 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:149 Resp: 1171131

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.7	9.8	14.8

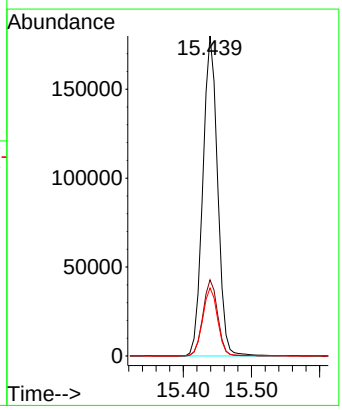


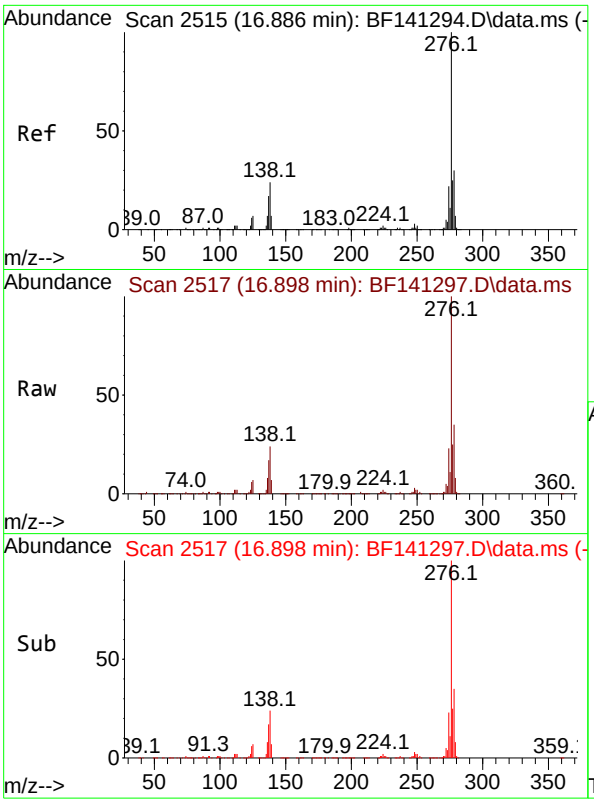


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:264 Resp: 271797

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.3	16.7	25.1



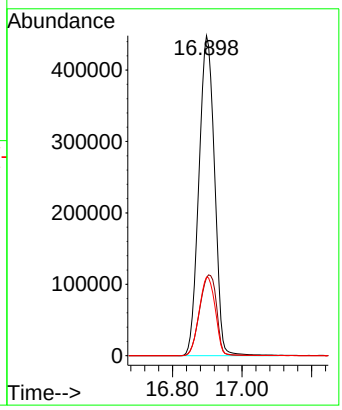


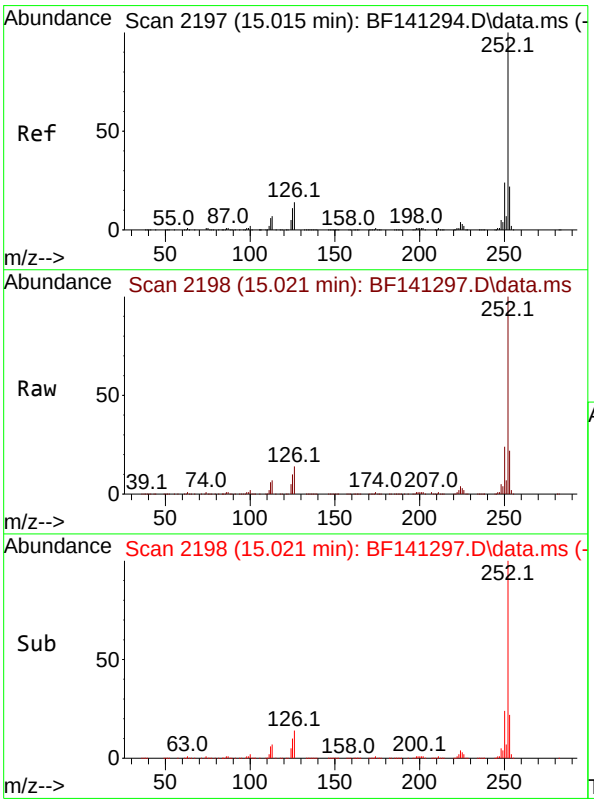
#87
Indeno(1,2,3-cd)pyrene
Concen: 79.715 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:276 Resp: 1399119

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	25.3	20.3	30.5

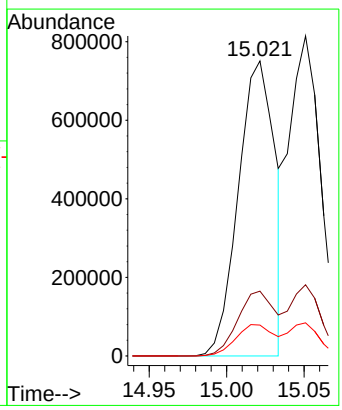


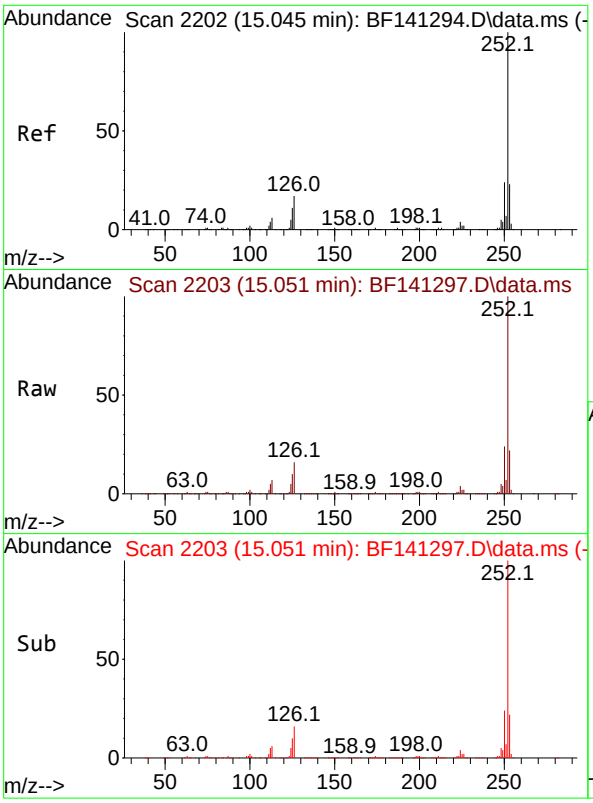


#88
Benzo(b)fluoranthene
Concen: 71.102 ng
RT: 15.021 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:252 Resp: 1235245

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.5	8.6	12.8



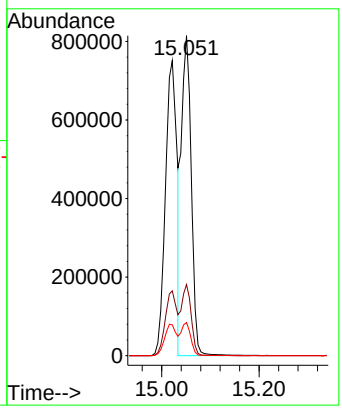


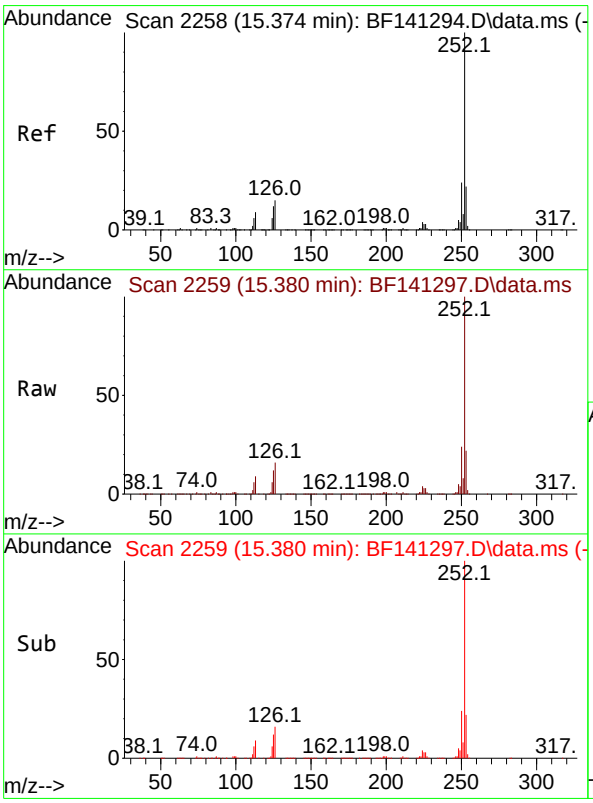
#89
Benzo(k)fluoranthene
Concen: 75.010 ng
RT: 15.051 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:252 Resp: 1146296

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.4	8.4	12.6

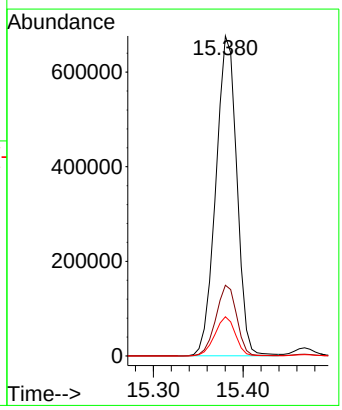


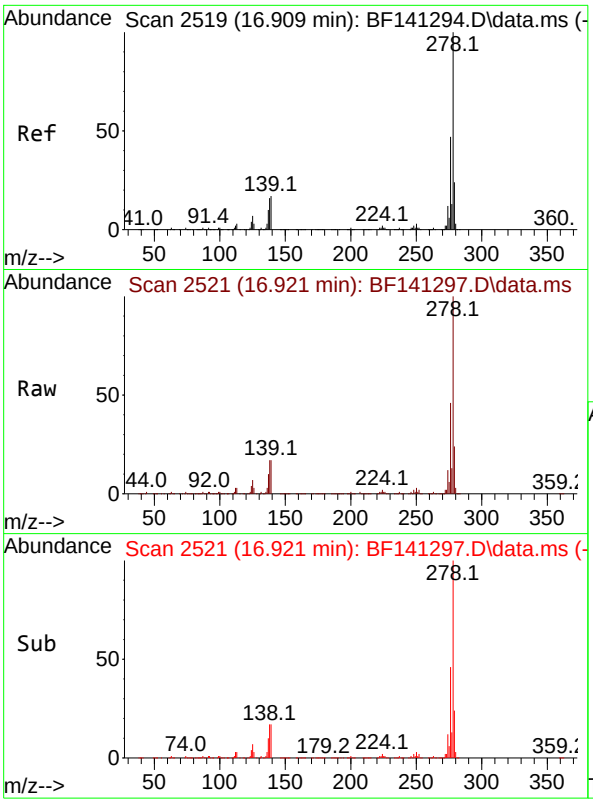


#90
Benzo(a)pyrene
Concen: 75.410 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:252 Resp: 1098491

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.3	9.4	14.2



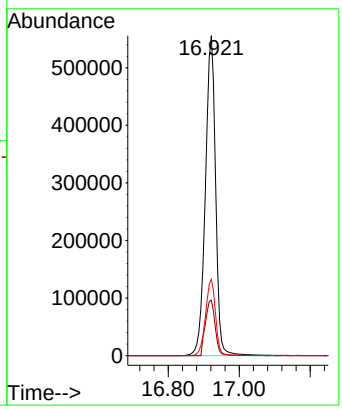


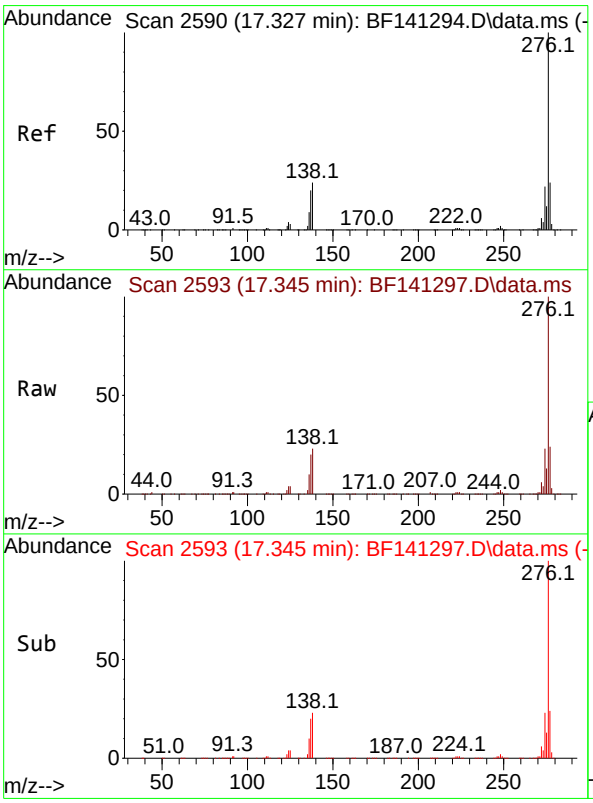
#91
Dibenzo(a,h)anthracene
Concen: 79.035 ng
RT: 16.921 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 1117397

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.9	20.9
279	23.9	18.8	28.2

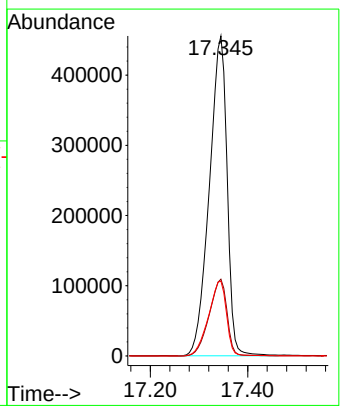




#92
Benzo(g,h,i)perylene
Concen: 78.512 ng
RT: 17.345 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF141297.D
Acq: 29 Jan 2025 17:05

Tgt Ion:276 Resp: 1155250

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.4	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	133318	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525644	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	279764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	450291	20.000	ng	0.00
76) Chrysene-d12	13.969	240	257177	20.000	ng	0.00
86) Perylene-d12	15.421	264	279455	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	650985	74.963	ng	0.00
7) Phenol-d6	6.428	99	824574	74.641	ng	-0.01
23) Nitrobenzene-d5	7.363	82	754118	75.630	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192773	75.161	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1325725	72.938	ng	0.00
79) Terphenyl-d14	12.910	244	1208358	72.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	142440	37.296	ng	100
3) Pyridine	3.216	79	353478	38.413	ng	100
4) n-Nitrosodimethylamine	3.169	42	199637	37.977	ng	100
6) Aniline	6.463	93	368792	39.437	ng	99
8) 2-Chlorophenol	6.581	128	349085	37.505	ng	99
9) Benzaldehyde	6.346	77	236537	36.965	ng	100
10) Phenol	6.440	94	443695	37.888	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	335702	37.387	ng	100
12) 1,3-Dichlorobenzene	6.740	146	382682	37.288	ng	99
13) 1,4-Dichlorobenzene	6.816	146	390597	37.885	ng	99
14) 1,2-Dichlorobenzene	6.969	146	359529	37.241	ng	100
15) Benzyl Alcohol	6.940	79	286519	37.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	587637	37.636	ng	100
17) 2-Methylphenol	7.051	107	276450	36.544	ng	99
18) Hexachloroethane	7.310	117	144890	38.094	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	241878	36.848	ng	100
20) 3+4-Methylphenols	7.204	107	347046	37.364	ng	99
22) Acetophenone	7.210	105	458757	36.717	ng	100
24) Nitrobenzene	7.381	77	391907	37.927	ng	99
25) Isophorone	7.622	82	645309	37.439	ng	100
26) 2-Nitrophenol	7.698	139	186592	38.289	ng	99
27) 2,4-Dimethylphenol	7.734	122	236052m	38.055	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	411851	37.460	ng	99
29) 2,4-Dichlorophenol	7.940	162	286090	37.675	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	316431	36.488	ng	100
31) Naphthalene	8.104	128	1030995	37.128	ng	100
32) Benzoic acid	7.845	122	236833	41.534	ng	99
33) 4-Chloroaniline	8.151	127	350423	37.214	ng	99
34) Hexachlorobutadiene	8.222	225	186523	36.676	ng	99
35) Caprolactam	8.522	113	93403	37.662	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	305288	37.480	ng	99
37) 2-Methylnaphthalene	8.792	142	651222	36.898	ng	99
38) 1-Methylnaphthalene	8.892	142	651341	37.570	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	296277	37.226	ng	99
41) Hexachlorocyclopentadiene	8.945	237	93930	39.961	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	201214	38.625	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	209611	36.969	ng		100
46) 1,1'-Biphenyl	9.257	154	809694	37.111	ng		100
47) 2-Chloronaphthalene	9.281	162	626457	36.837	ng		100
48) 2-Nitroaniline	9.381	65	203104	37.970	ng		98
49) Acenaphthylene	9.698	152	890709	37.416	ng		100
50) Dimethylphthalate	9.563	163	697300	36.904	ng		100
51) 2,6-Dinitrotoluene	9.622	165	164343	37.459	ng		99
52) Acenaphthene	9.869	154	632756	37.206	ng		99
53) 3-Nitroaniline	9.792	138	164042	38.150	ng		98
54) 2,4-Dinitrophenol	9.892	184	81034	39.734	ng	#	85
55) Dibenzofuran	10.045	168	842555	37.012	ng		100
56) 4-Nitrophenol	9.945	139	122925	39.089	ng		99
57) 2,4-Dinitrotoluene	10.022	165	217705	38.327	ng		99
58) Fluorene	10.386	166	643639	36.451	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	169067	37.902	ng		99
60) Diethylphthalate	10.263	149	683674	37.316	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	312065	36.180	ng		99
62) 4-Nitroaniline	10.404	138	159227	37.665	ng		99
63) Azobenzene	10.539	77	678905	37.020	ng		100
65) 4,6-Dinitro-2-methylph...	10.433	198	111635	41.913	ng		99
66) n-Nitrosodiphenylamine	10.498	169	564452	38.757	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	199009	39.477	ng		98
68) Hexachlorobenzene	10.933	284	208171	38.929	ng		99
69) Atrazine	11.028	200	190958	39.215	ng		99
70) Pentachlorophenol	11.128	266	128300	40.973	ng		99
71) Phenanthrene	11.351	178	922625	38.117	ng		100
72) Anthracene	11.398	178	912703	38.484	ng		100
73) Carbazole	11.557	167	813036	38.661	ng		100
74) Di-n-butylphthalate	11.892	149	984759	38.639	ng		100
75) Fluoranthene	12.539	202	902637	37.768	ng		100
77) Benzidine	12.663	184	405163	49.142	ng		99
78) Pyrene	12.769	202	894269	36.225	ng		99
80) Butylbenzylphthalate	13.392	149	324793	37.660	ng		99
81) Benzo(a)anthracene	13.957	228	631556	35.587	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	218850	38.774	ng		99
83) Chrysene	13.992	228	610038	37.508	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	400642	36.620	ng		100
85) Di-n-octyl phthalate	14.569	149	642439	37.807	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	678653	37.626	ng		99
88) Benzo(b)fluoranthene	14.998	252	683111	38.861	ng		100
89) Benzo(k)fluoranthene	15.027	252	556960	35.766	ng		99
90) Benzo(a)pyrene	15.363	252	567574	38.209	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	551534	38.007	ng		99
92) Benzo(g,h,i)perylene	17.304	276	559807	37.101	ng		99

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

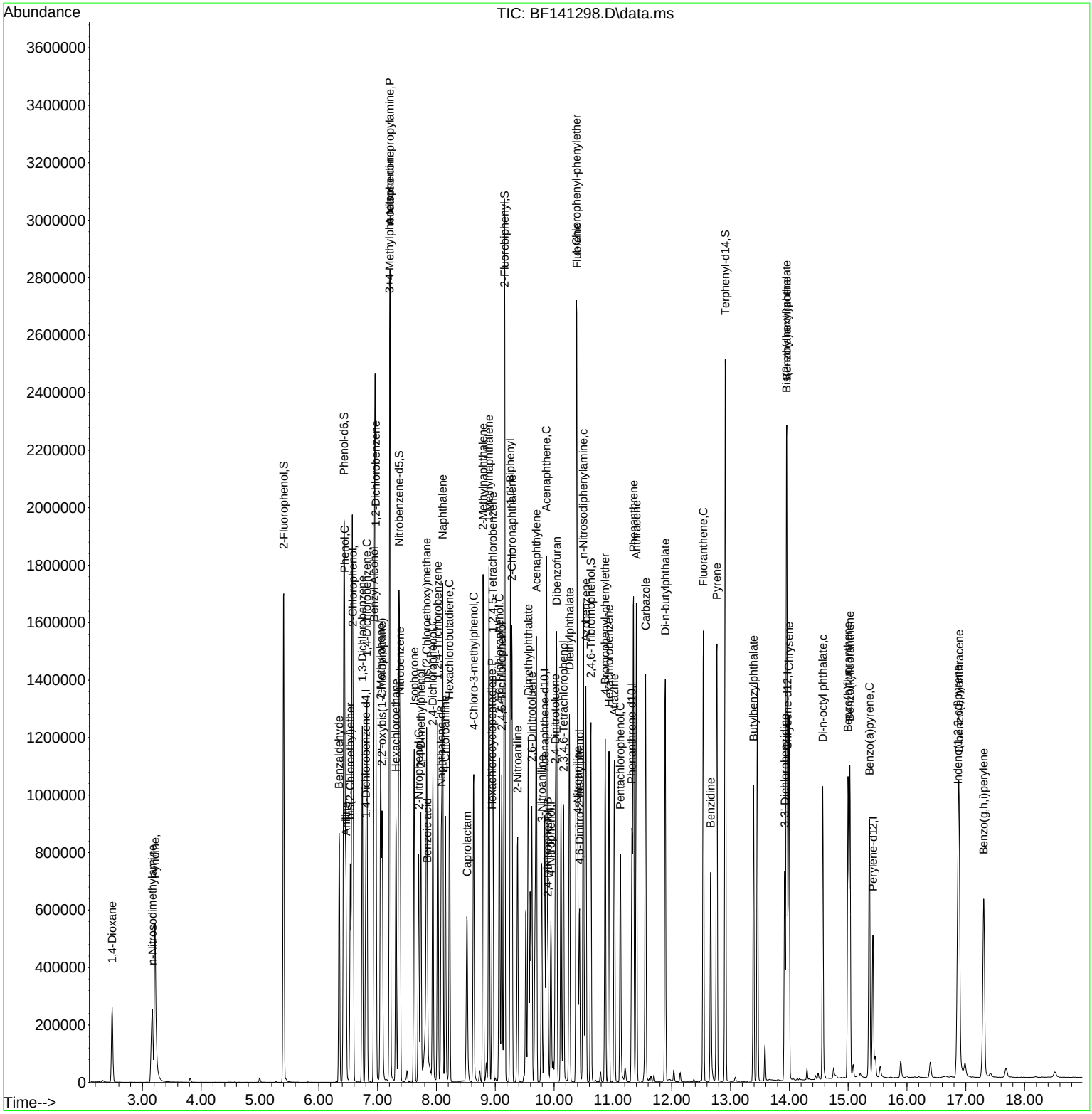
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

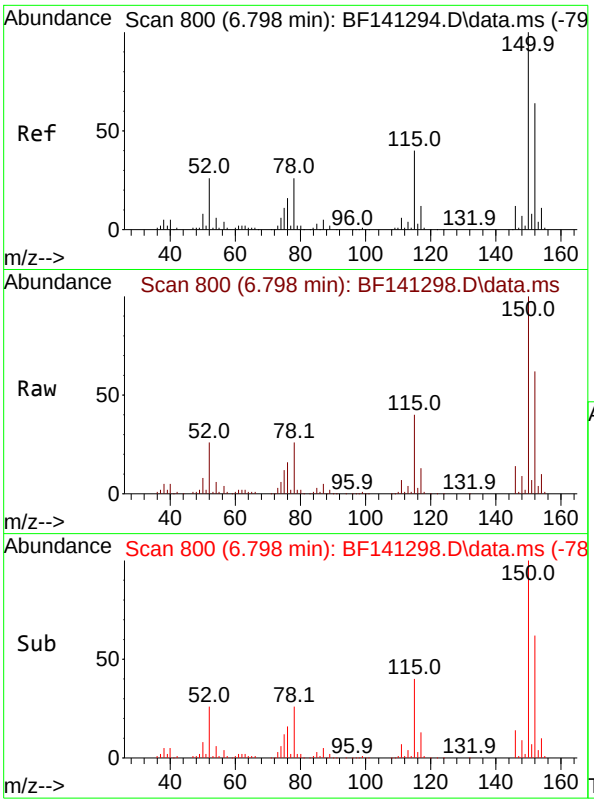
Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

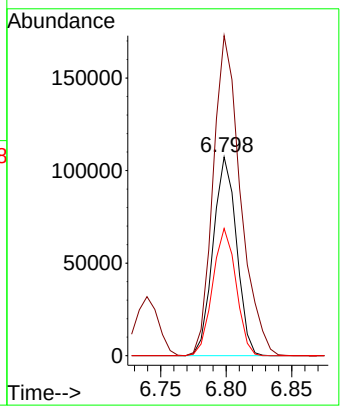




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:152 Resp: 13331

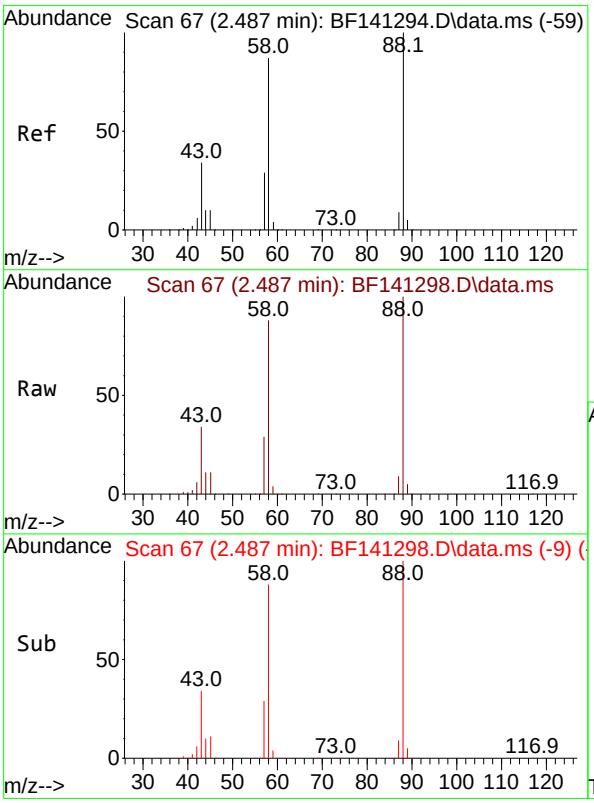
Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.9	188.9
115	64.0	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

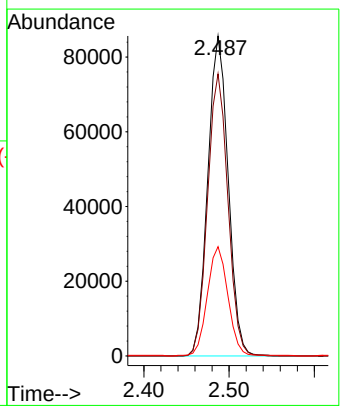
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

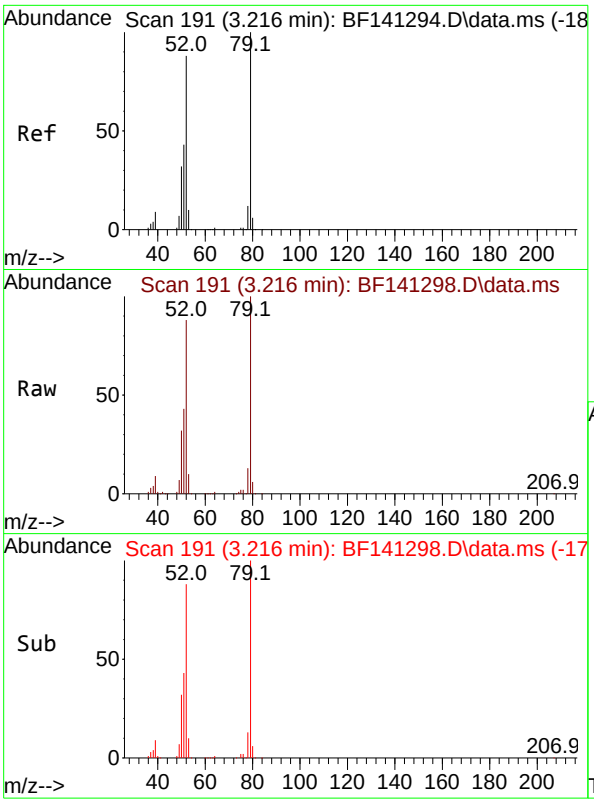


#2
1,4-Dioxane
Concen: 37.296 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 88 Resp: 142440

Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.2	105.4
43	34.7	27.6	41.4

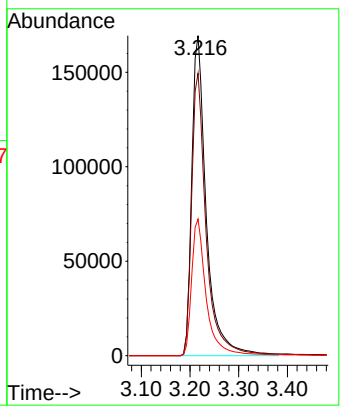




#3
Pyridine
Concen: 38.413 ng
RT: 3.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 79 Resp: 35347

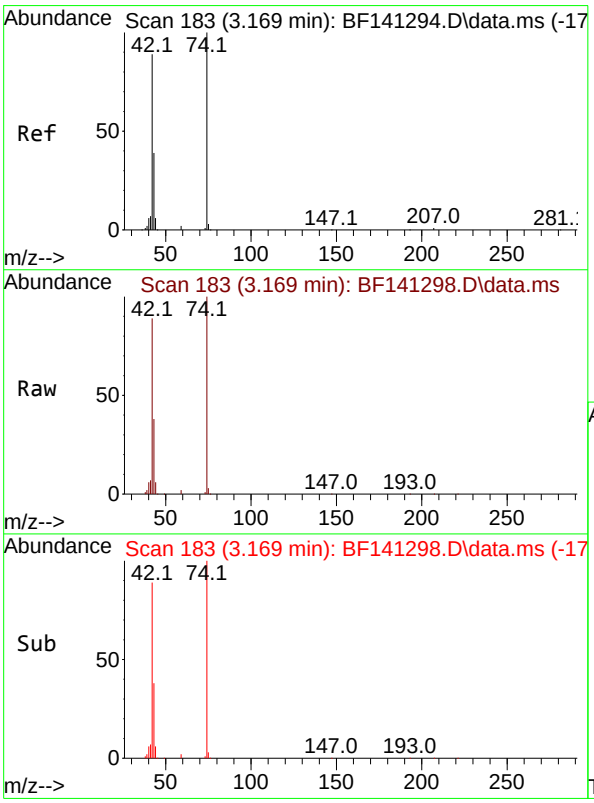
Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.3	105.5
51	42.7	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

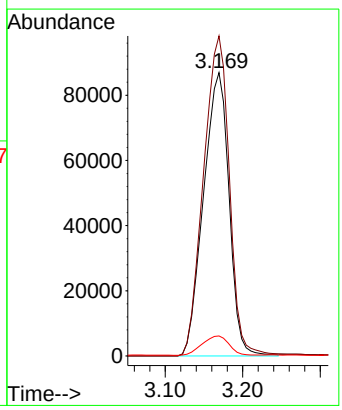
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

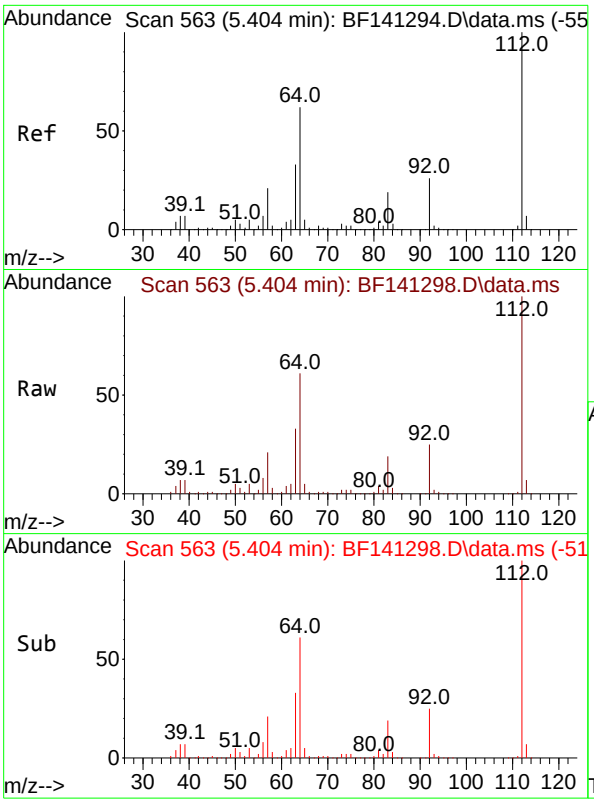


#4
n-Nitrosodimethylamine
Concen: 37.977 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.029 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 42 Resp: 199637

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.3	135.5
44	7.1	5.7	8.5

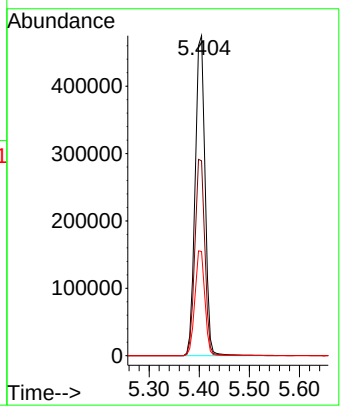




#5
2-Fluorophenol
Concen: 74.963 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:112 Resp: 65098

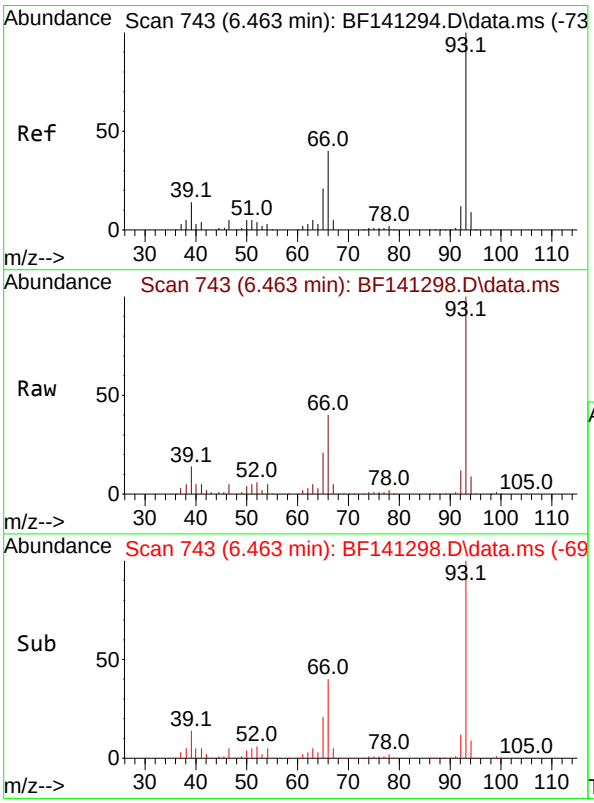
Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.8	74.8
63	32.6	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

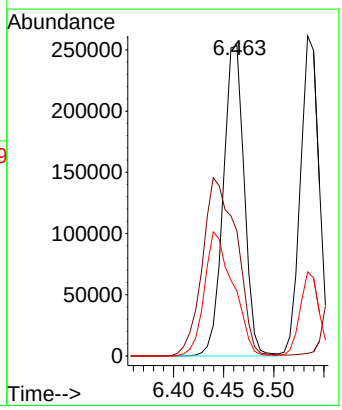
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

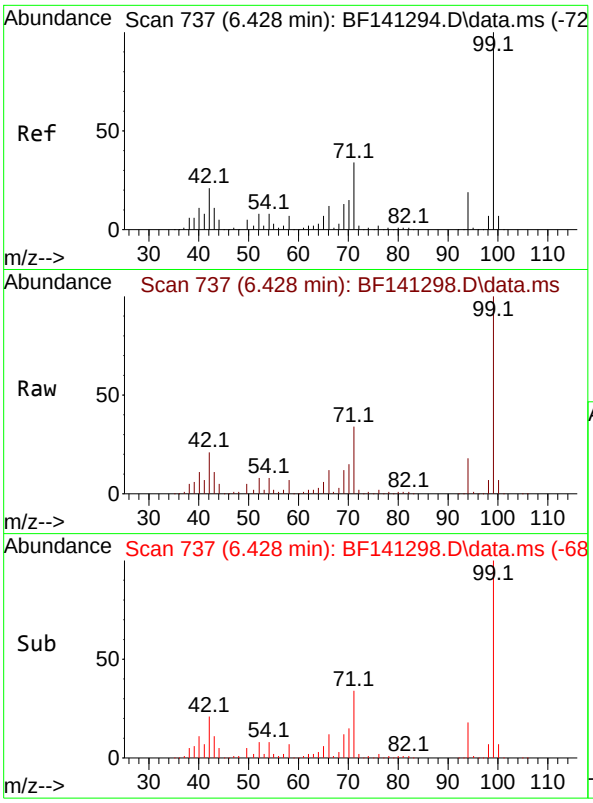


#6
Aniline
Concen: 39.437 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 368792

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.5	48.7
65	20.9	17.0	25.6

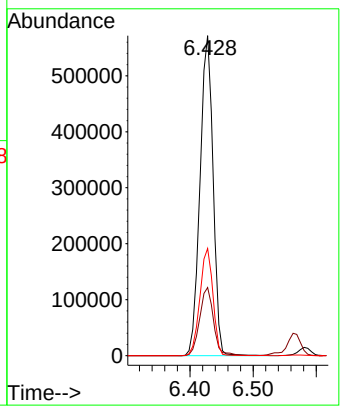




#7
Phenol-d6
Concen: 74.641 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 99 Resp: 82457

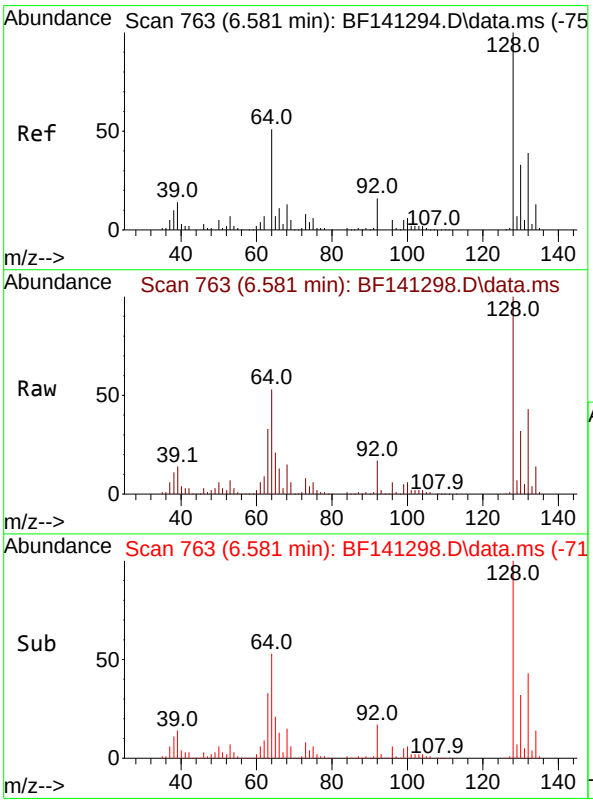
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	33.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

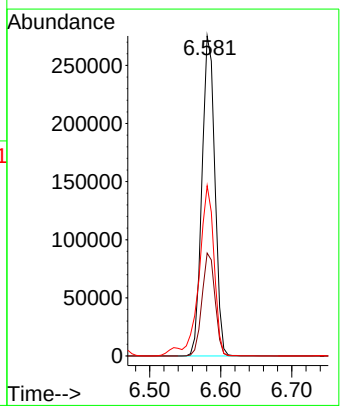
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

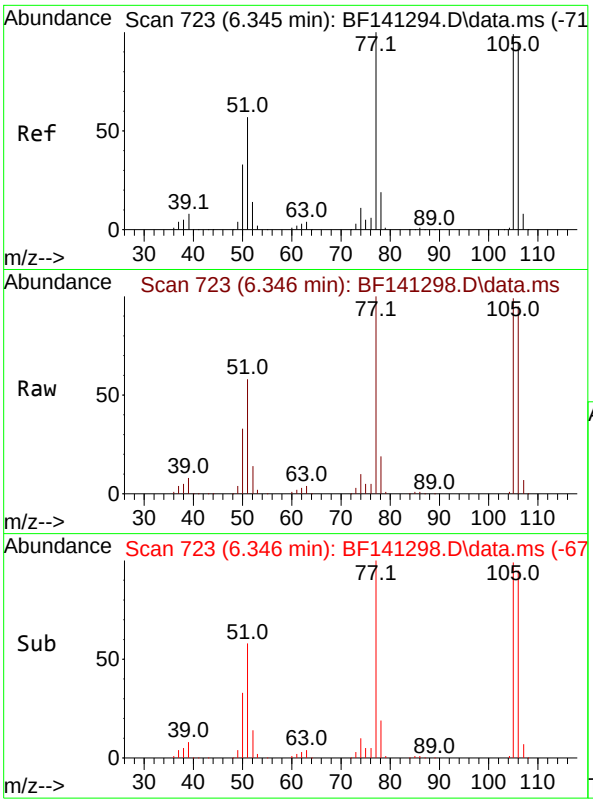


#8
2-Chlorophenol
Concen: 37.505 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:128 Resp: 349085

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	53.2	32.9	72.9

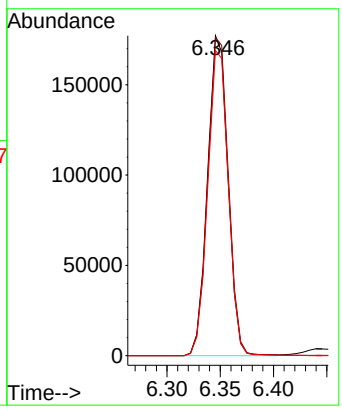




#9
Benzaldehyde
Concen: 36.965 ng
RT: 6.346 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 77 Resp: 23653

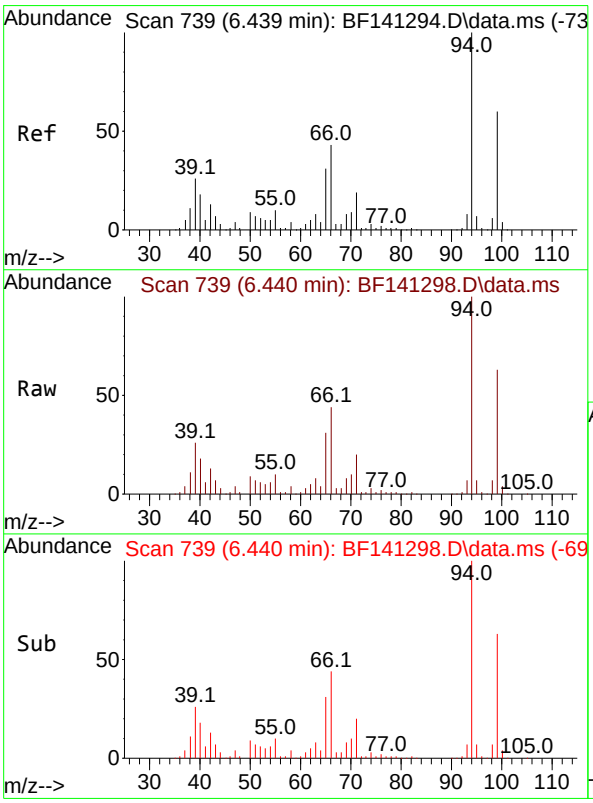
Ion	Ratio	Lower	Upper
77	100		
105	99.5	79.4	119.4
106	95.3	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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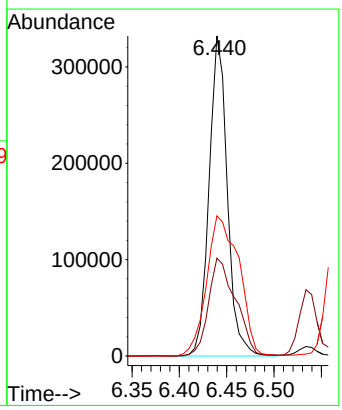
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

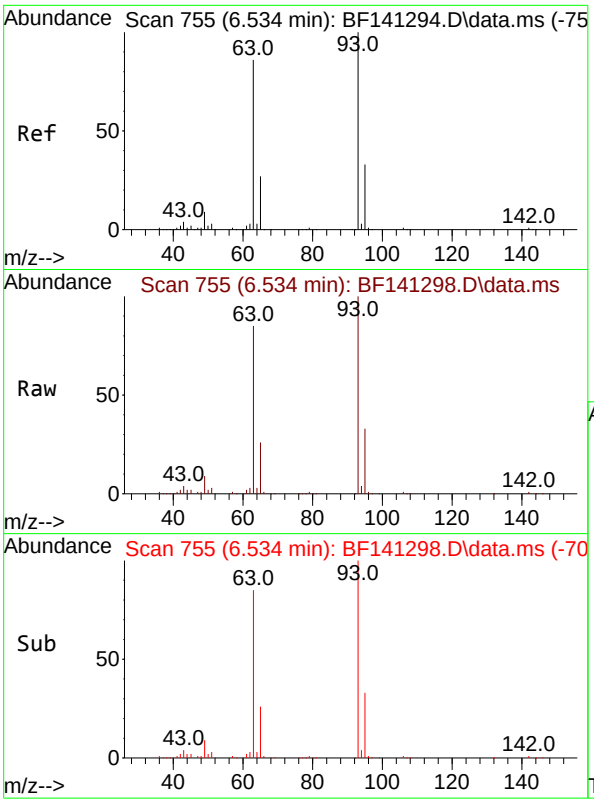


#10
Phenol
Concen: 37.888 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 94 Resp: 443695

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.8	50.8
66	43.8	23.3	63.3

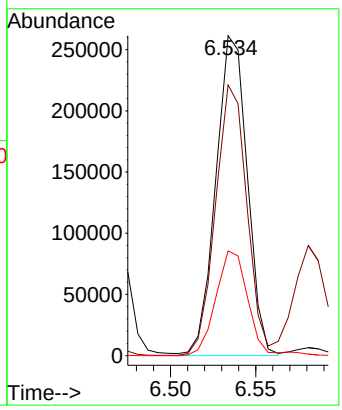




#11
bis(2-Chloroethyl)ether
Concen: 37.387 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 33570

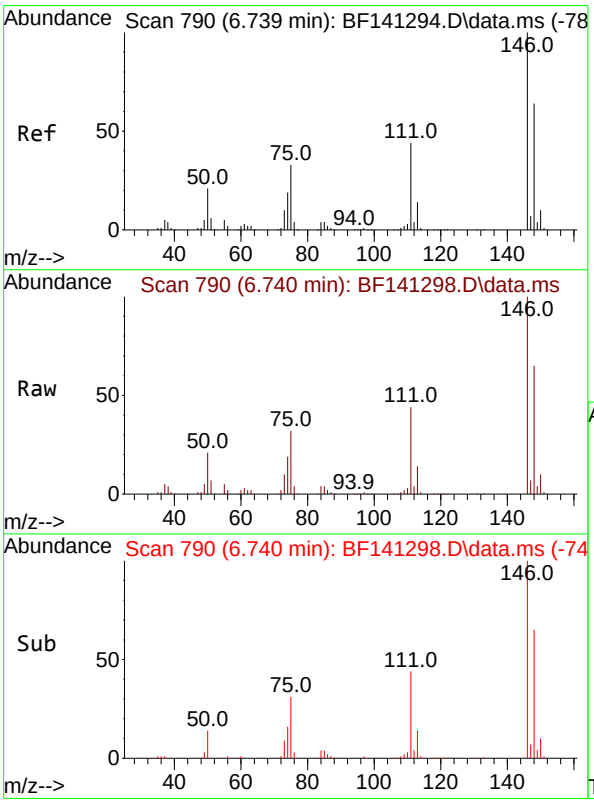
Ion	Ratio	Lower	Upper
93	100		
63	84.6	65.0	105.0
95	32.8	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

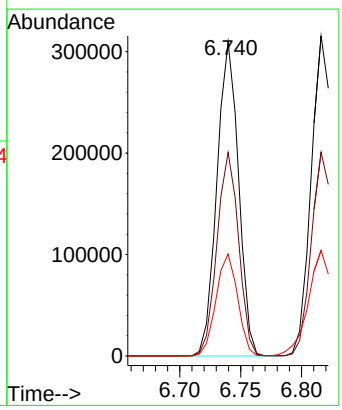
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

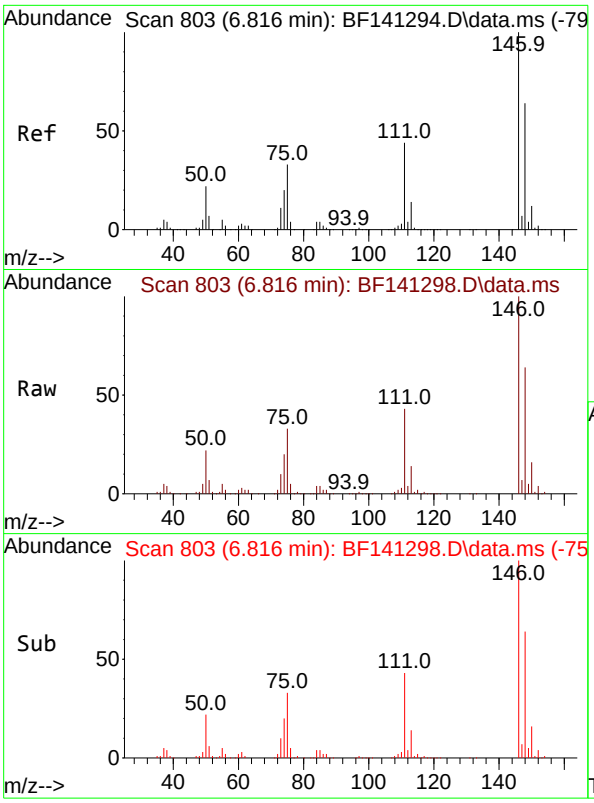


#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 382682

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
75	32.4	26.2	39.4

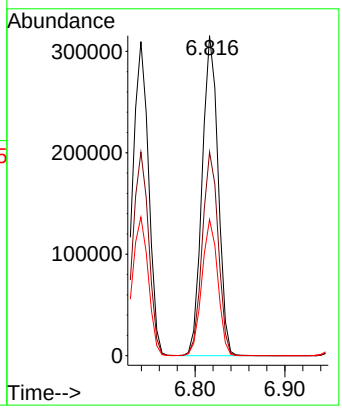




#13
1,4-Dichlorobenzene
Concen: 37.885 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 39059

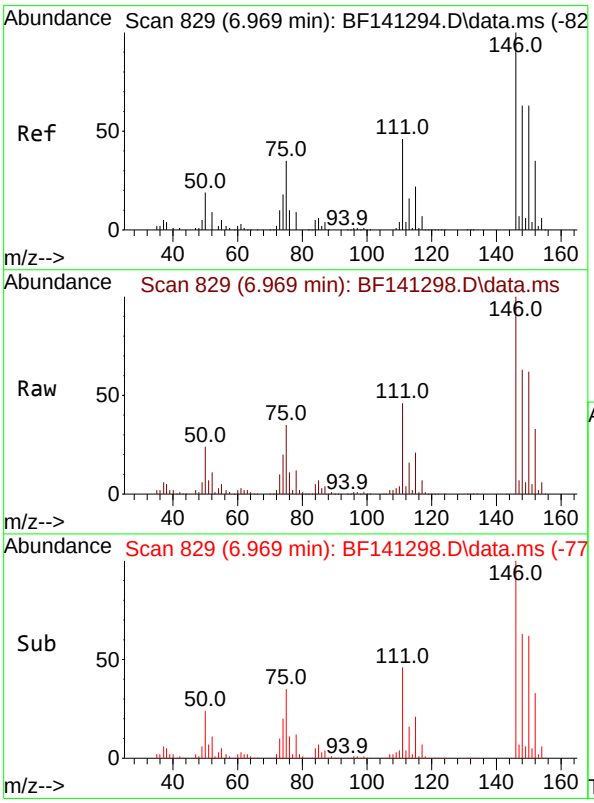
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	42.5	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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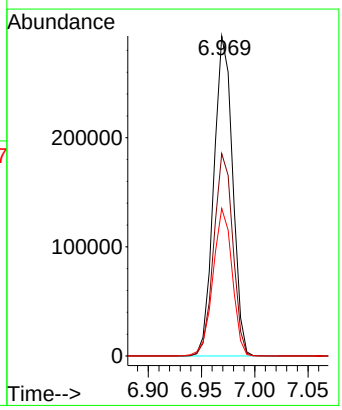
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

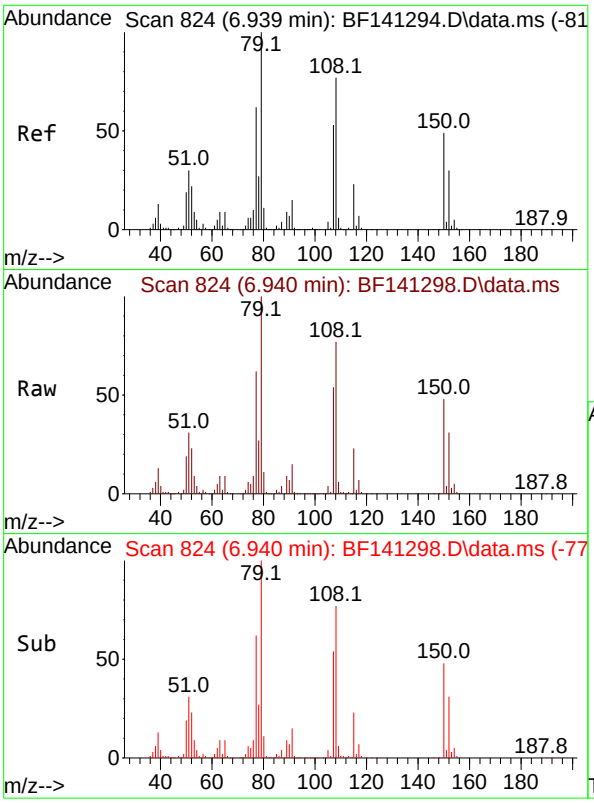


#14
1,2-Dichlorobenzene
Concen: 37.241 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 359529

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	46.1	36.6	55.0

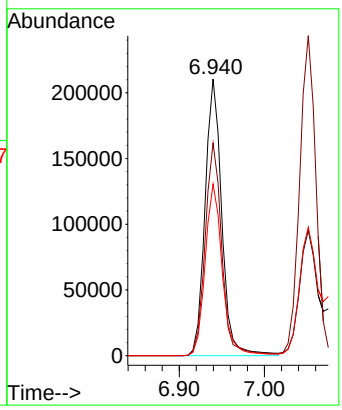




#15
Benzyl Alcohol
Concen: 37.952 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 79 Resp: 28651

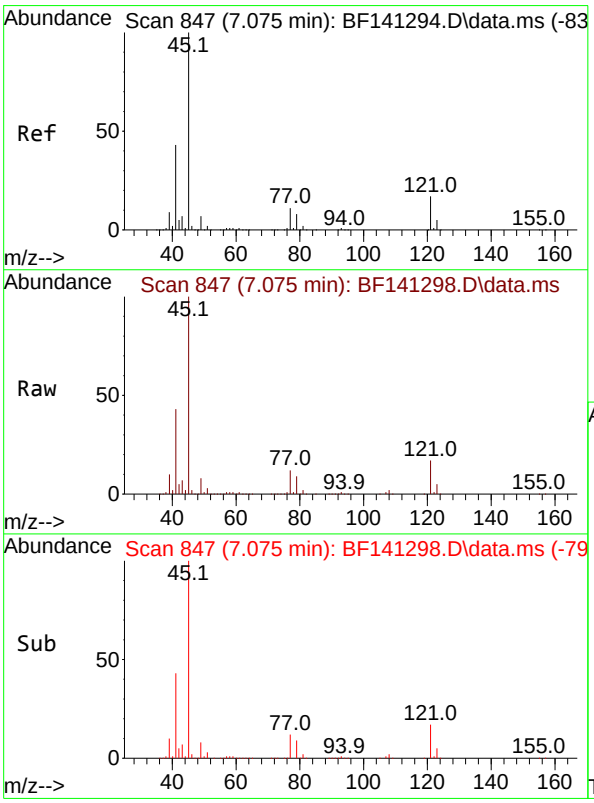
Ion	Ratio	Lower	Upper
79	100		
108	76.8	61.4	92.0
77	62.0	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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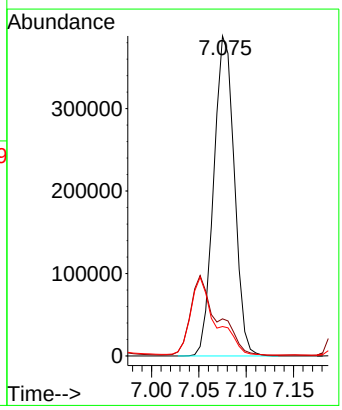
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

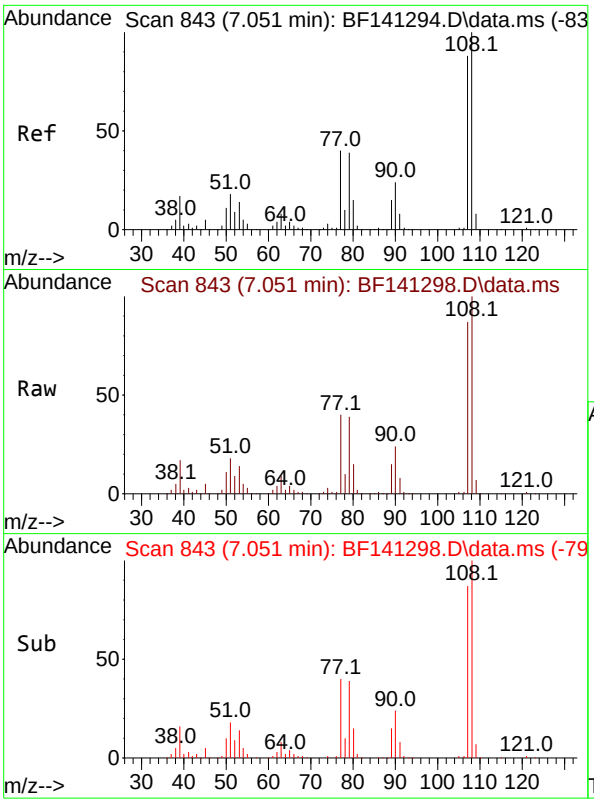


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.636 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 45 Resp: 587637

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.8
79	9.2	0.0	29.1

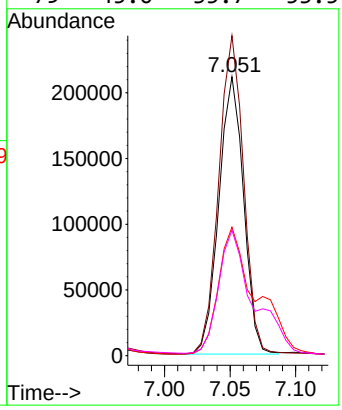




#17
2-Methylphenol
Concen: 36.544 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 27645

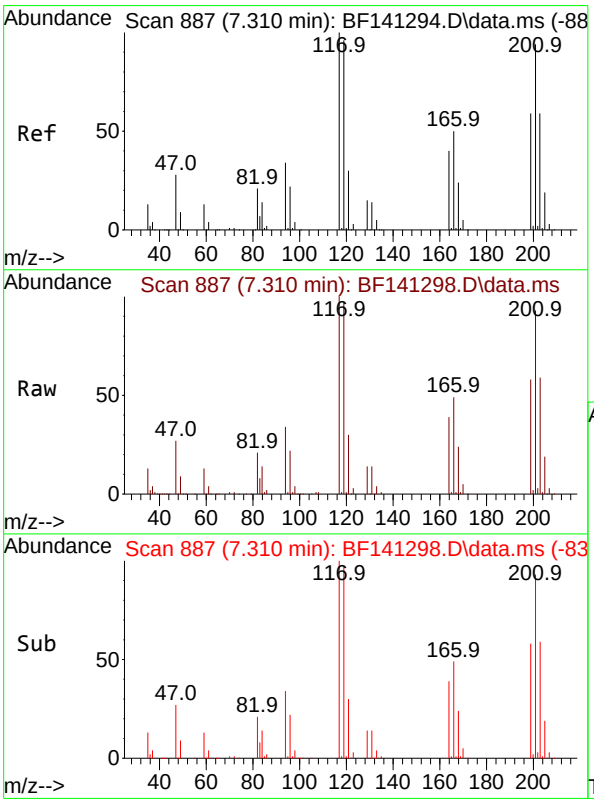
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.8	136.2
77	46.1	36.2	54.4
79	45.0	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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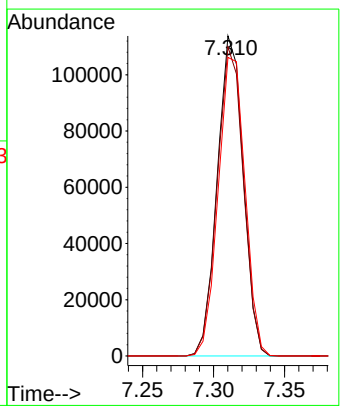
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

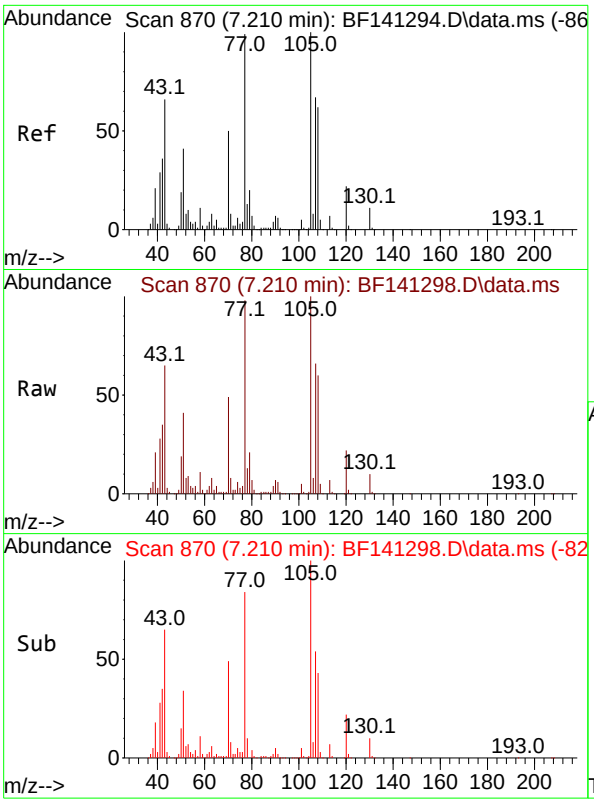


#18
Hexachloroethane
Concen: 38.094 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:117 Resp: 144890

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	93.3	74.8	112.2

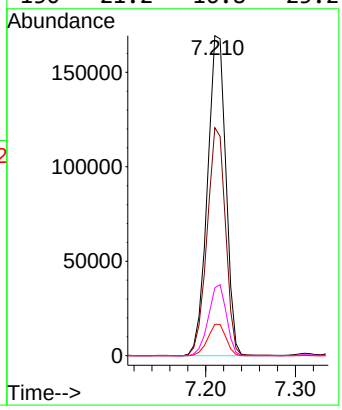




#19
n-Nitroso-di-n-propylamine
Concen: 36.848 ng
RT: 7.210 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 70 Resp: 24187

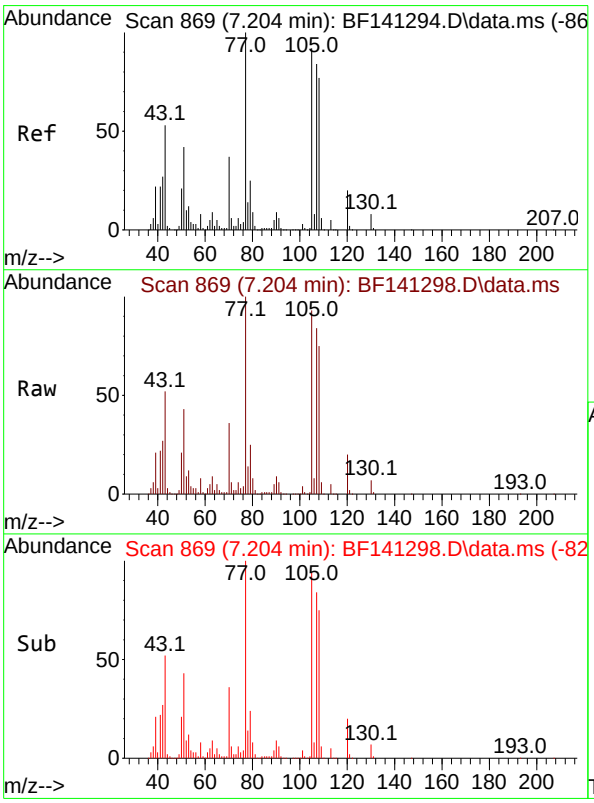
Ion	Ratio	Lower	Upper
70	100		
42	71.3	56.8	85.2
101	9.8	7.7	11.5
130	21.2	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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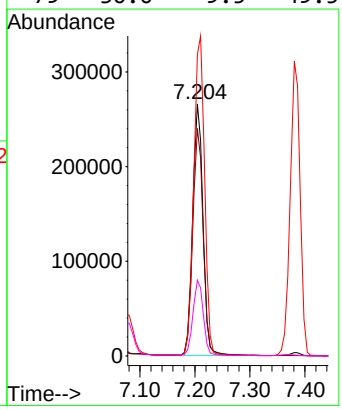
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

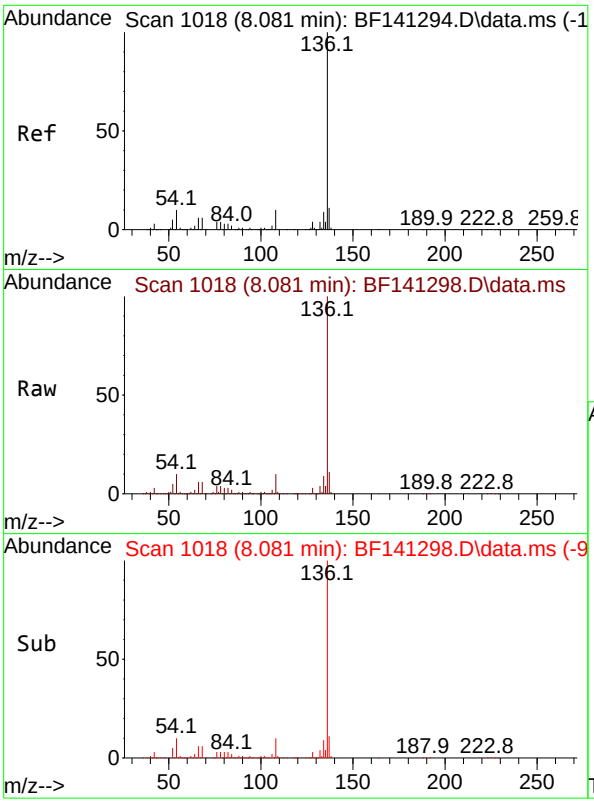


#20
3+4-Methylphenols
Concen: 37.364 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 347046

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.9	110.9
77	119.7	98.5	138.5
79	30.0	9.5	49.5

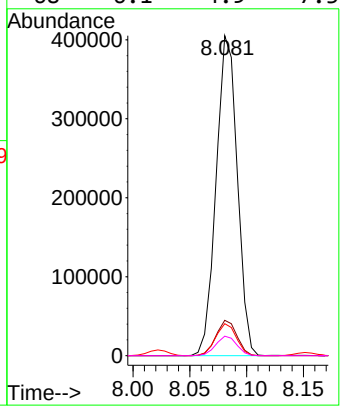




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:136 Resp: 52564

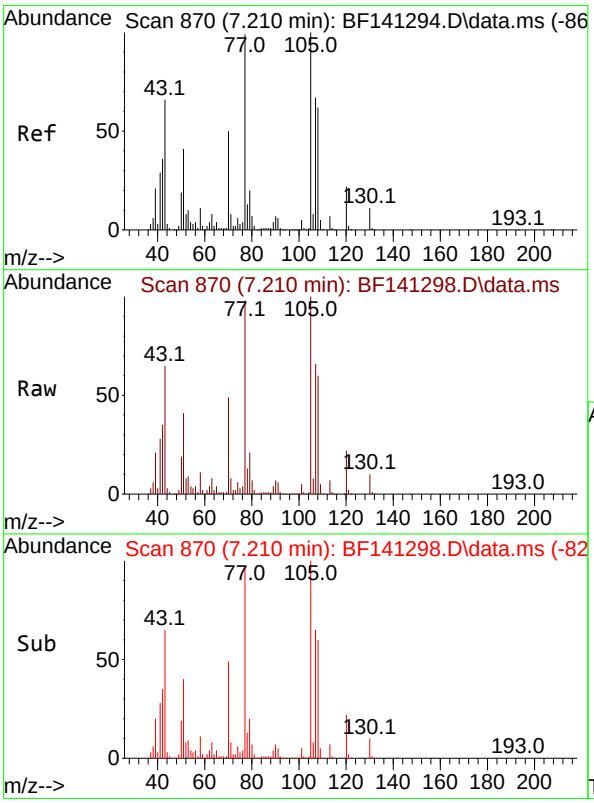
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.1	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
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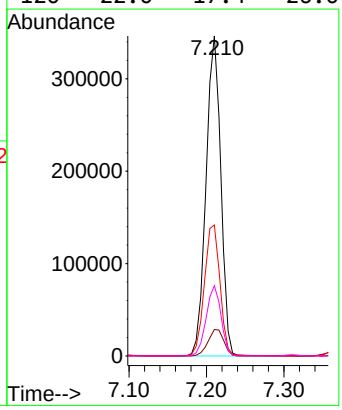
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

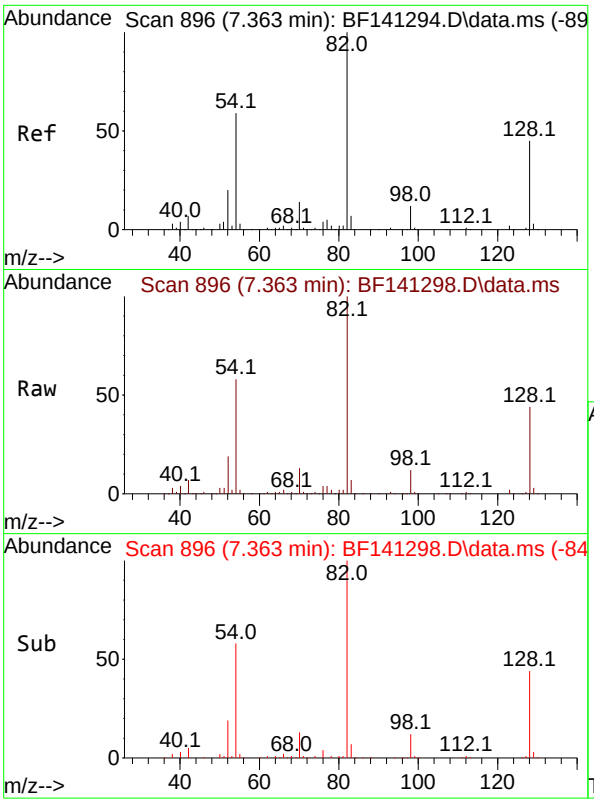


#22
Acetophenone
Concen: 36.717 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:105 Resp: 458757

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.8	10.2
51	40.9	32.6	49.0
120	22.0	17.4	26.0

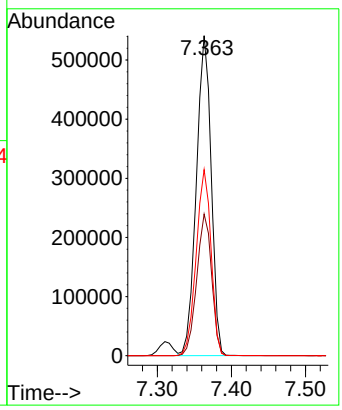




#23
Nitrobenzene-d5
Concen: 75.630 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 82 Resp: 75411

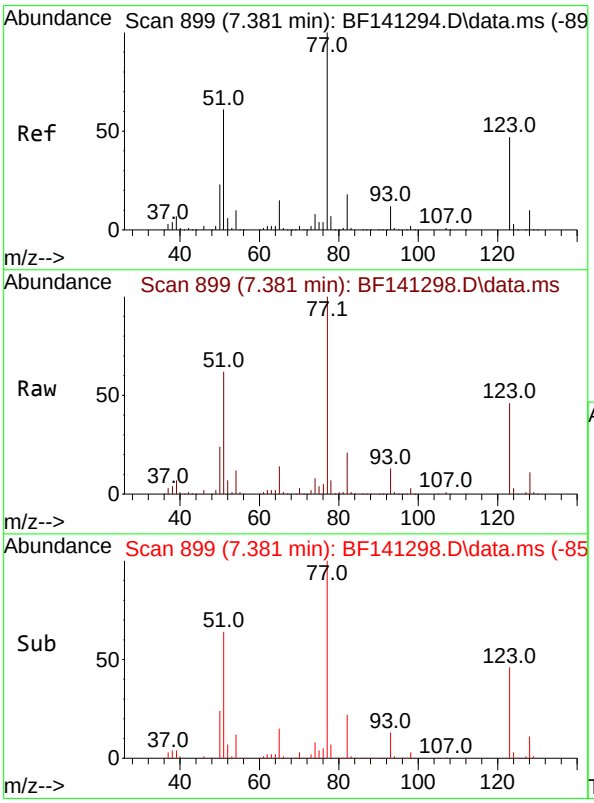
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.2	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

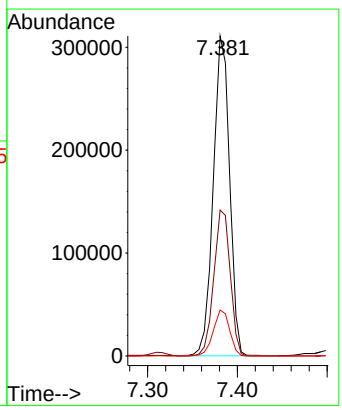
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

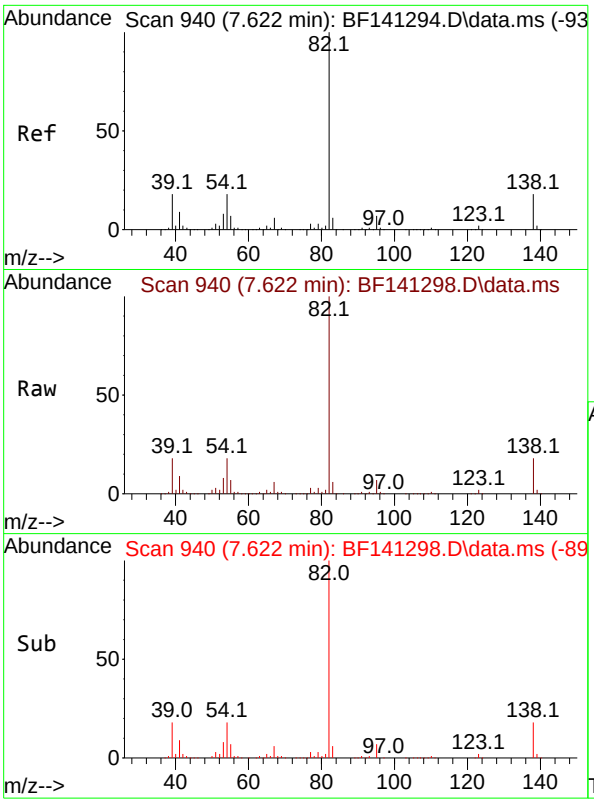


#24
Nitrobenzene
Concen: 37.927 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 77 Resp: 391907

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	14.4	11.8	17.6

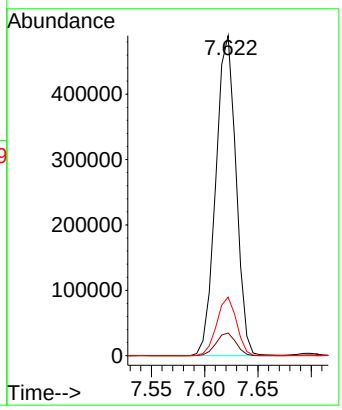




#25
Isophorone
Concen: 37.439 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 82 Resp: 64530

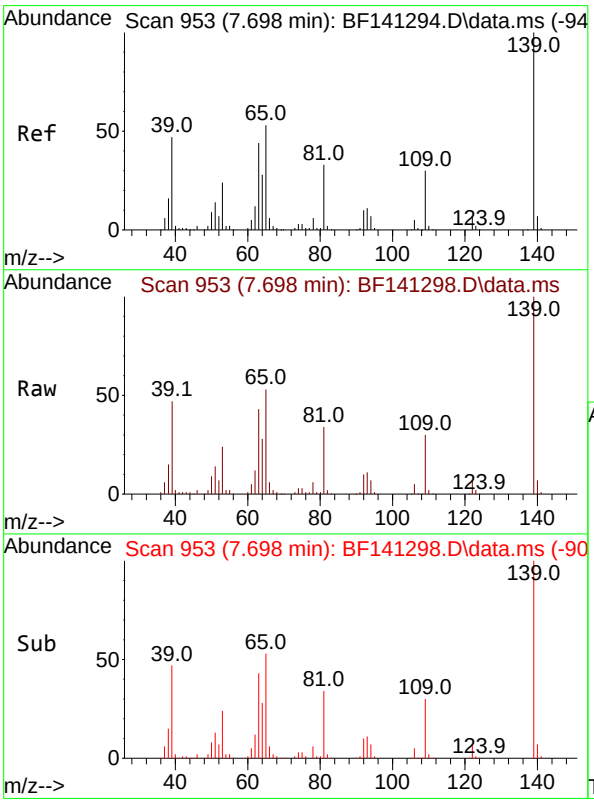
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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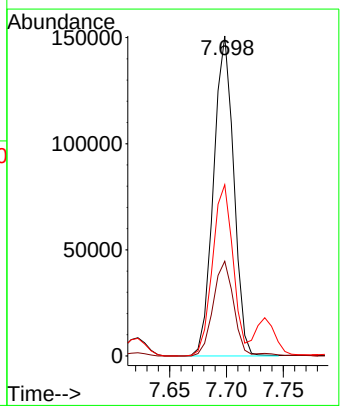
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

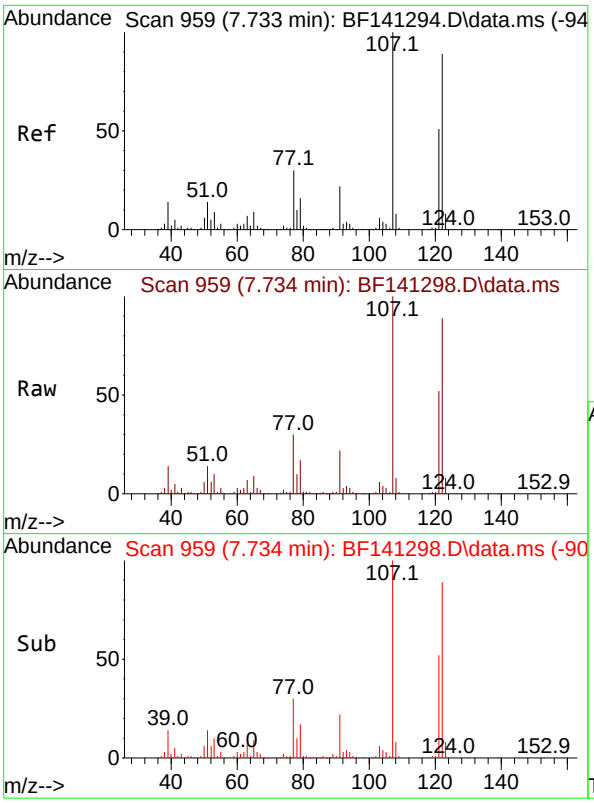


#26
2-Nitrophenol
Concen: 38.289 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 186592

Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.8	35.6
65	53.5	42.2	63.4

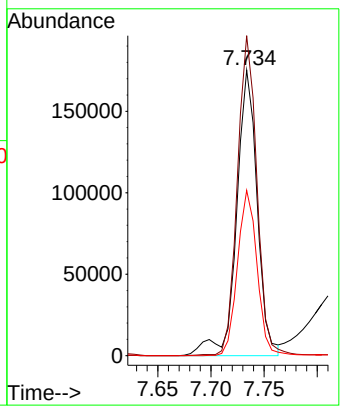




#27
2,4-Dimethylphenol
Concen: 38.055 ng m
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:122 Resp: 23605

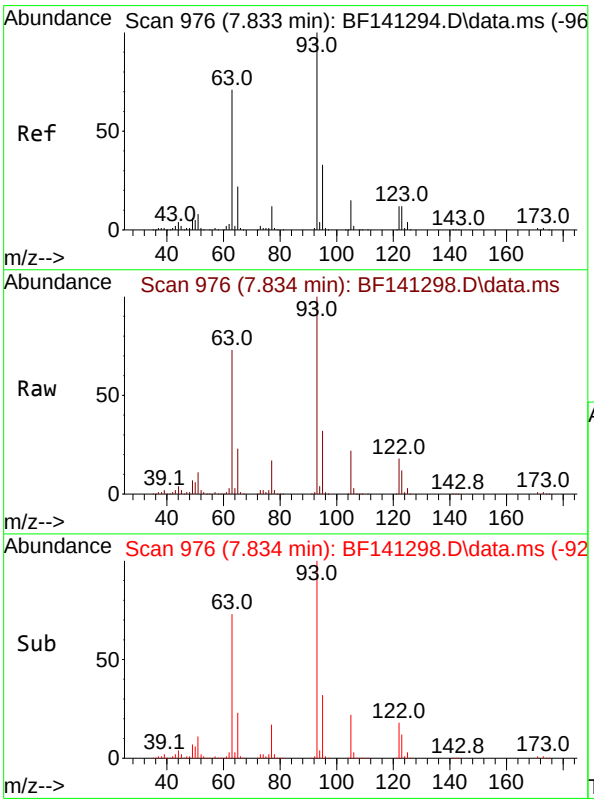
Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.9	134.9
121	57.9	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

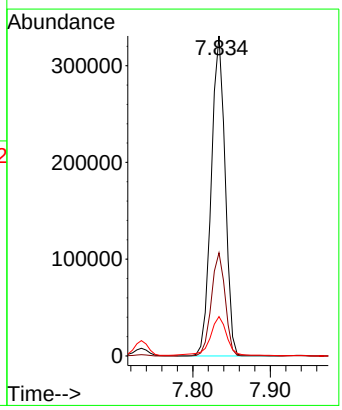
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

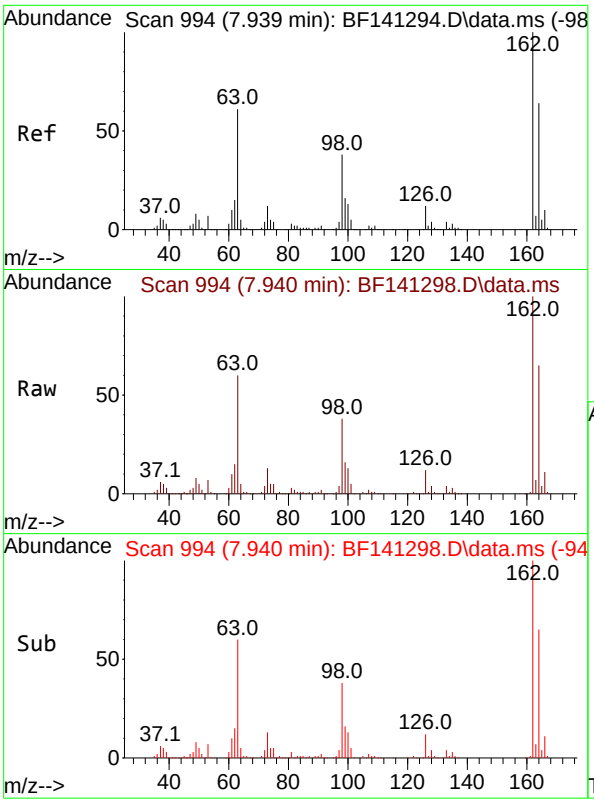


#28
bis(2-Chloroethoxy)methane
Concen: 37.460 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 411851

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.3	10.2	15.4

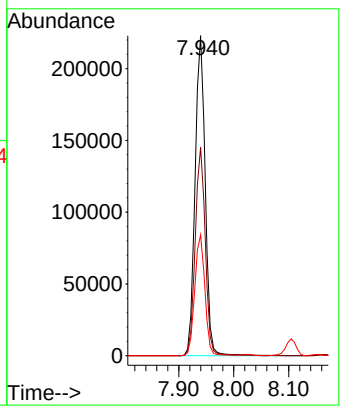




#29
2,4-Dichlorophenol
Concen: 37.675 ng
RT: 7.940 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:162 Resp: 28609

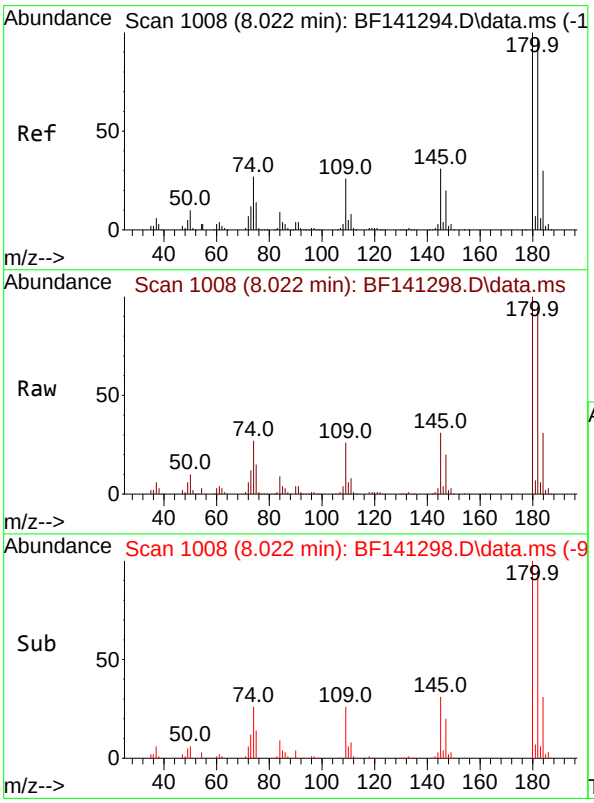
Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.2	84.2
98	37.7	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

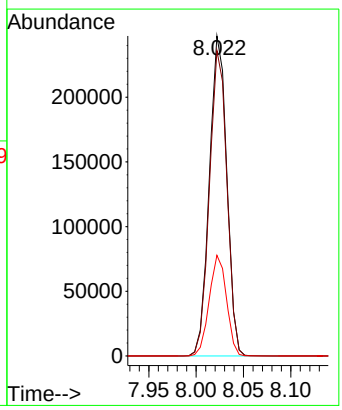
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

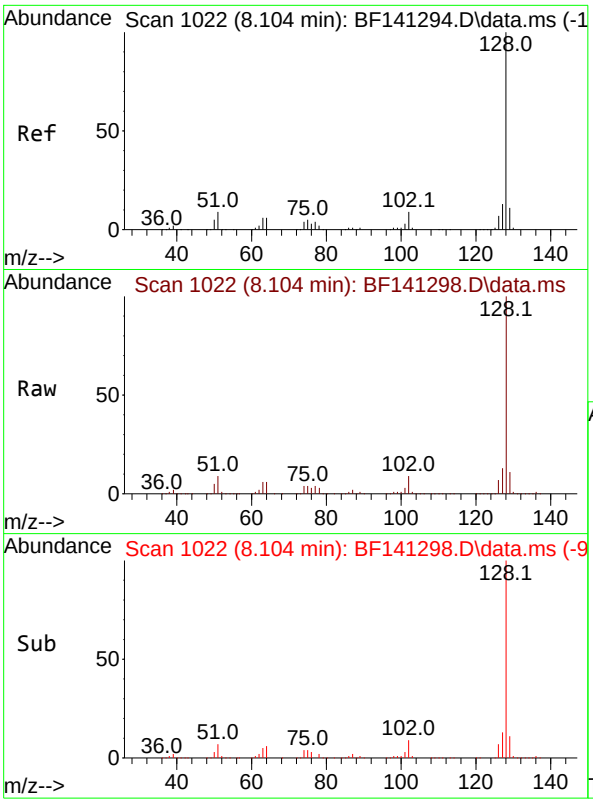


#30
1,2,4-Trichlorobenzene
Concen: 36.488 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:180 Resp: 316431

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	31.4	24.9	37.3

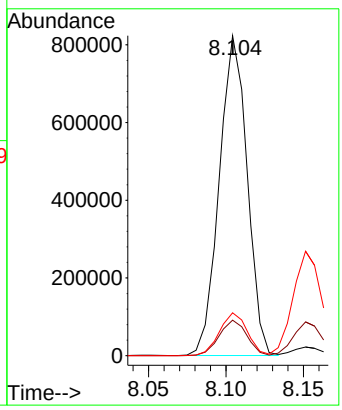




#31
Naphthalene
Concen: 37.128 ng
RT: 8.104 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:128 Resp: 103099

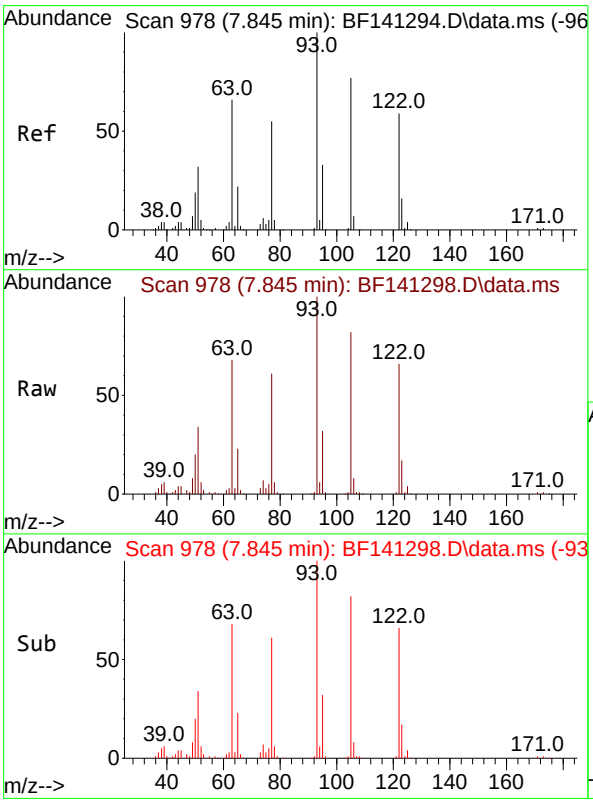
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

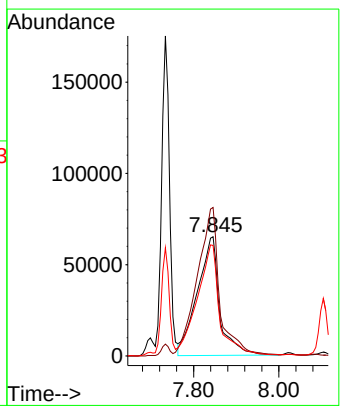
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

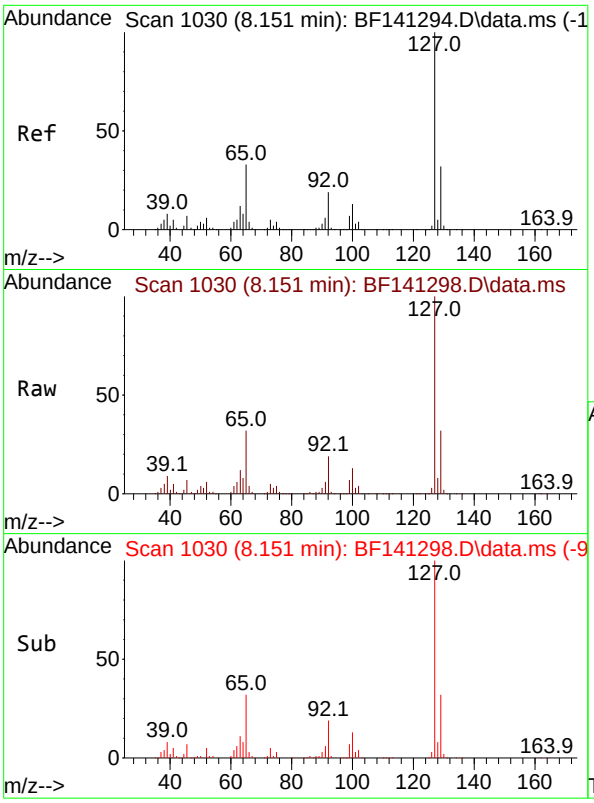


#32
Benzoic acid
Concen: 41.534 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:122 Resp: 236833

Ion	Ratio	Lower	Upper
122	100		
105	124.7	103.4	143.4
77	92.8	70.9	110.9

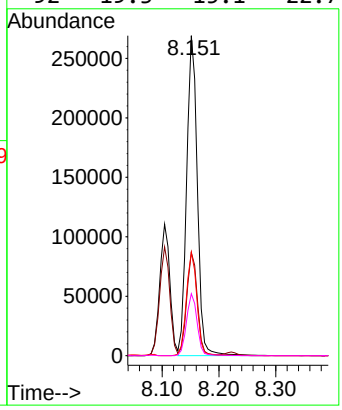




#33
4-Chloroaniline
Concen: 37.214 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:127 Resp: 35042

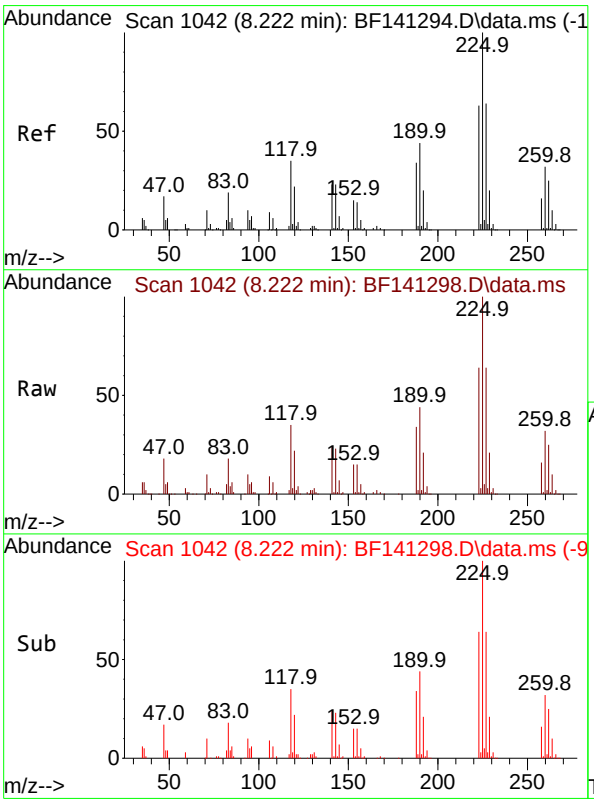
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.3	26.4	39.6
92	19.3	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

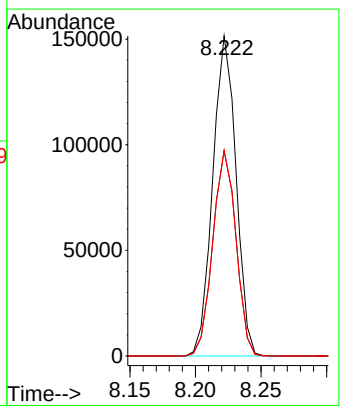
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

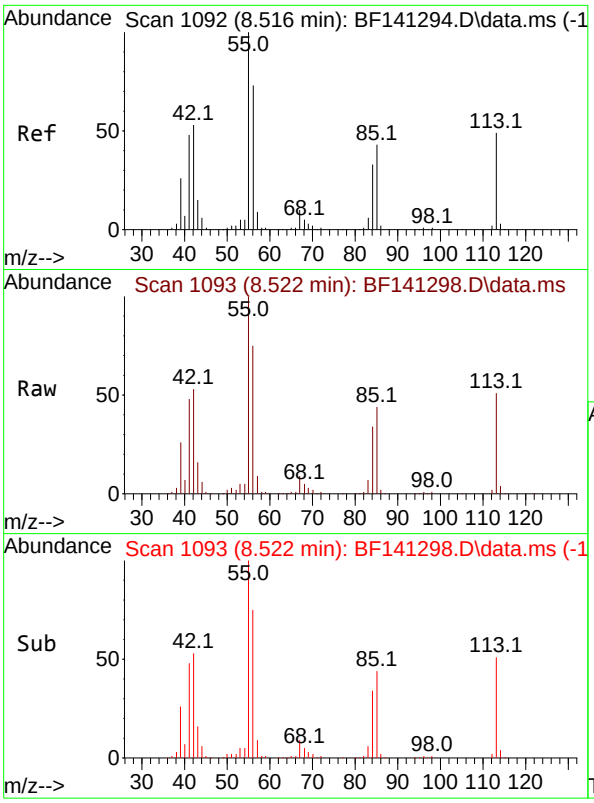


#34
Hexachlorobutadiene
Concen: 36.676 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:225 Resp: 186523

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	64.2	51.3	76.9

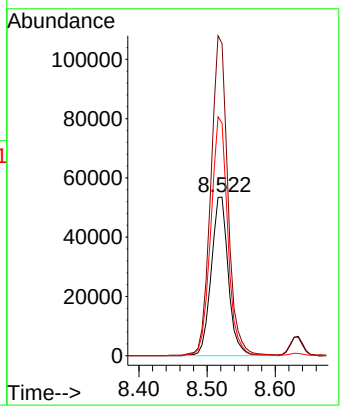




#35
Caprolactam
Concen: 37.662 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:113 Resp: 9340

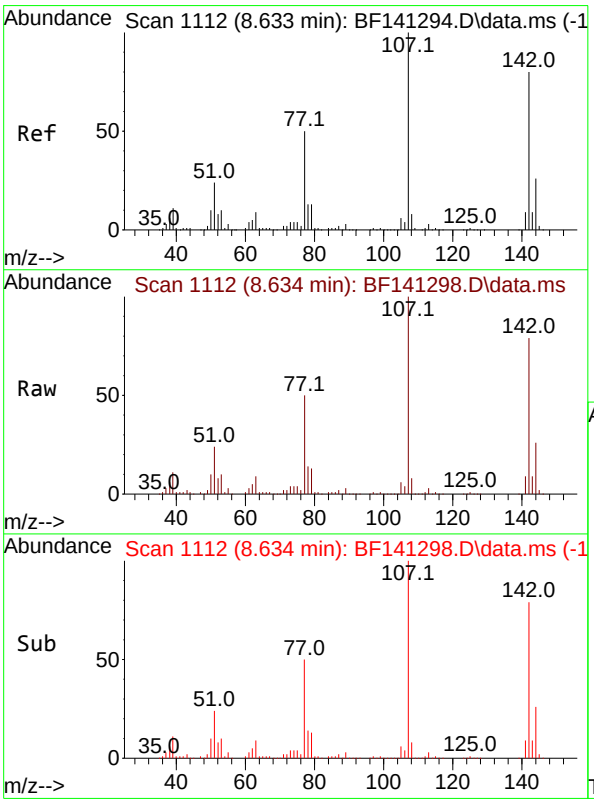
Ion	Ratio	Lower	Upper
113	100		
55	196.8	182.9	222.9
56	146.7	127.9	167.9



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

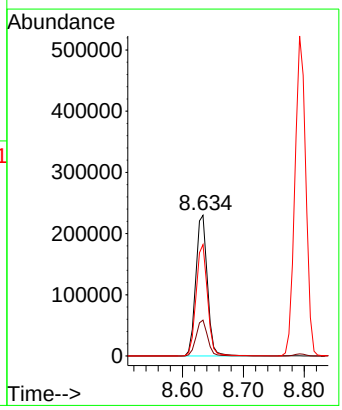
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

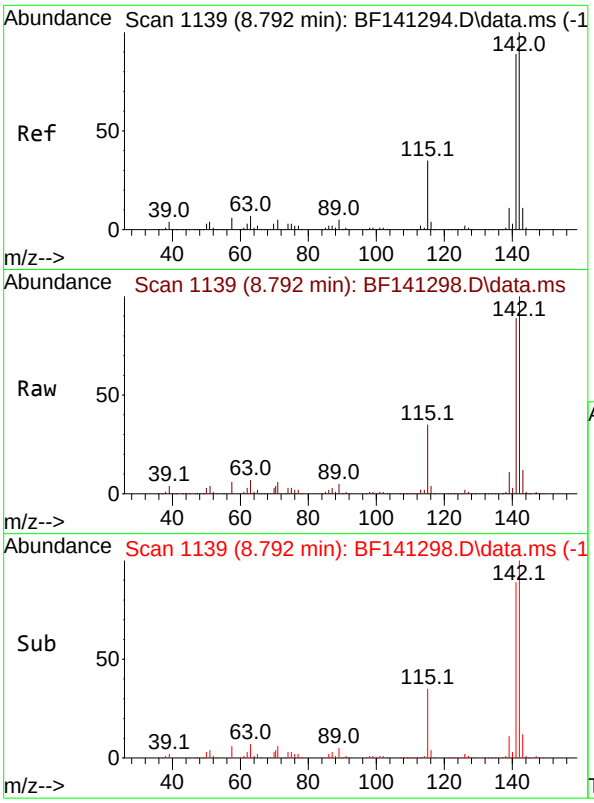


#36
4-Chloro-3-methylphenol
Concen: 37.480 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 305288

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.7	31.1
142	79.1	63.8	95.8

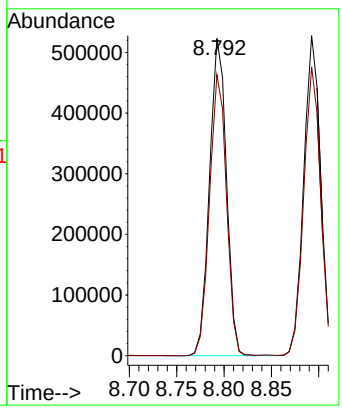




#37
2-Methylnaphthalene
Concen: 36.898 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:142 Resp: 65122

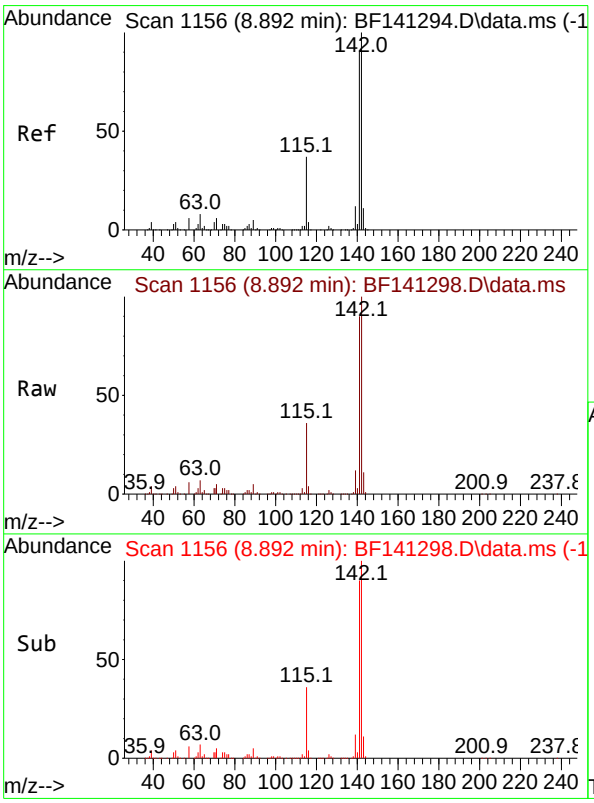
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

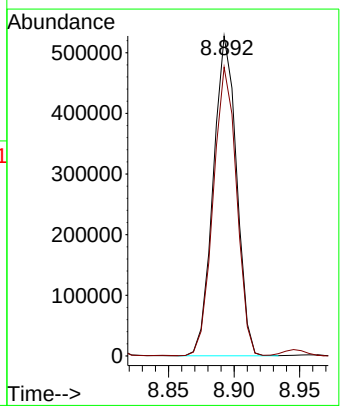
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

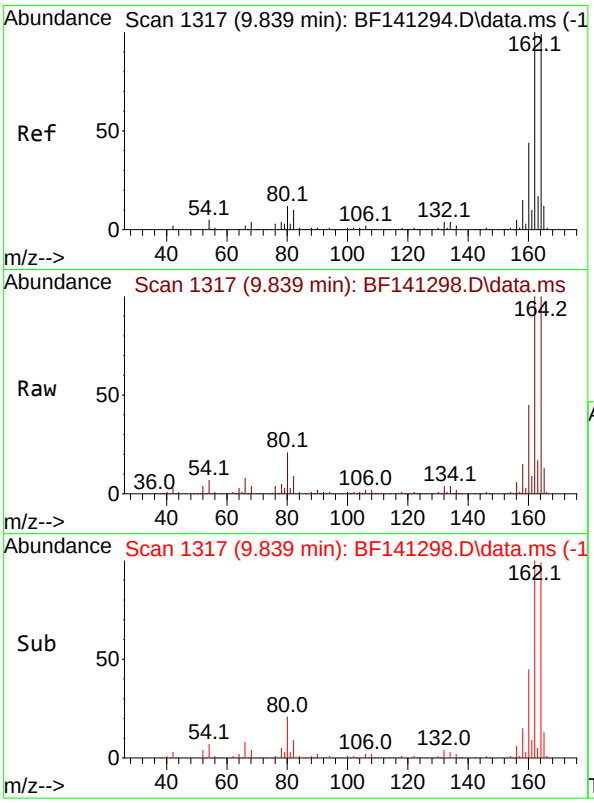


#38
1-Methylnaphthalene
Concen: 37.570 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:142 Resp: 651341

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.2	109.8

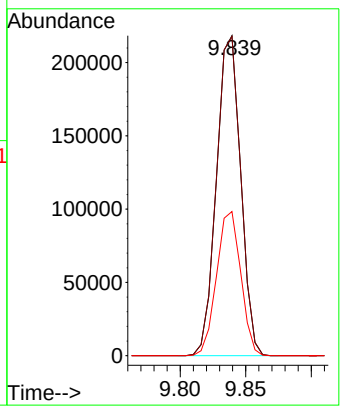




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:164 Resp: 27976

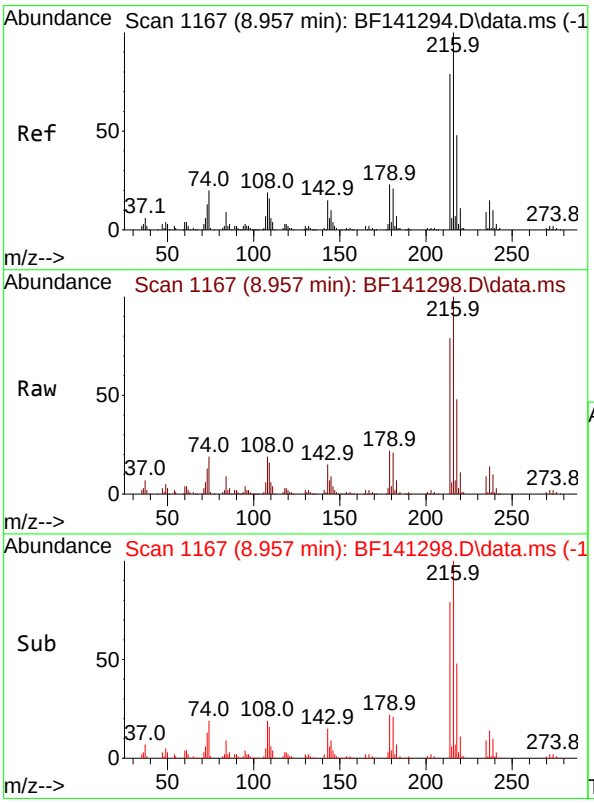
Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	45.1	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

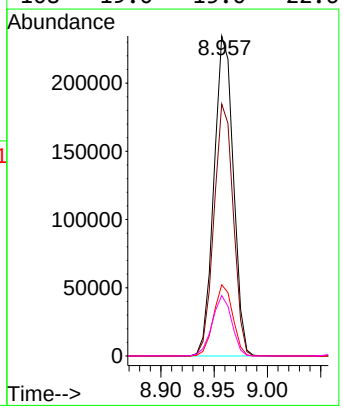
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

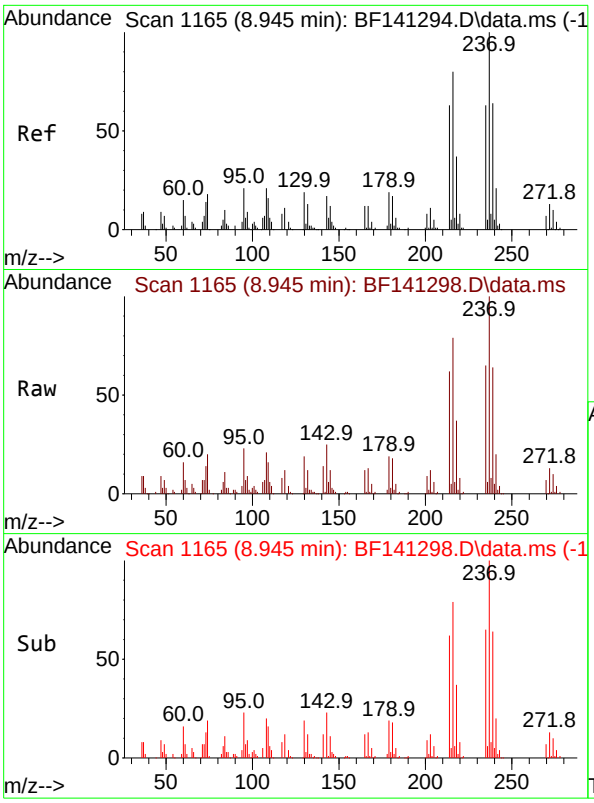


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.226 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:216 Resp: 296277

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	22.0	17.8	26.8
108	19.0	15.0	22.6

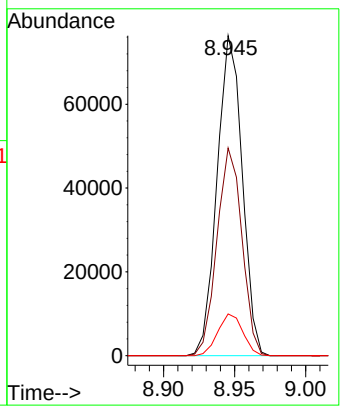




#41
Hexachlorocyclopentadiene
Concen: 39.961 ng
RT: 8.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:237 Resp: 9393

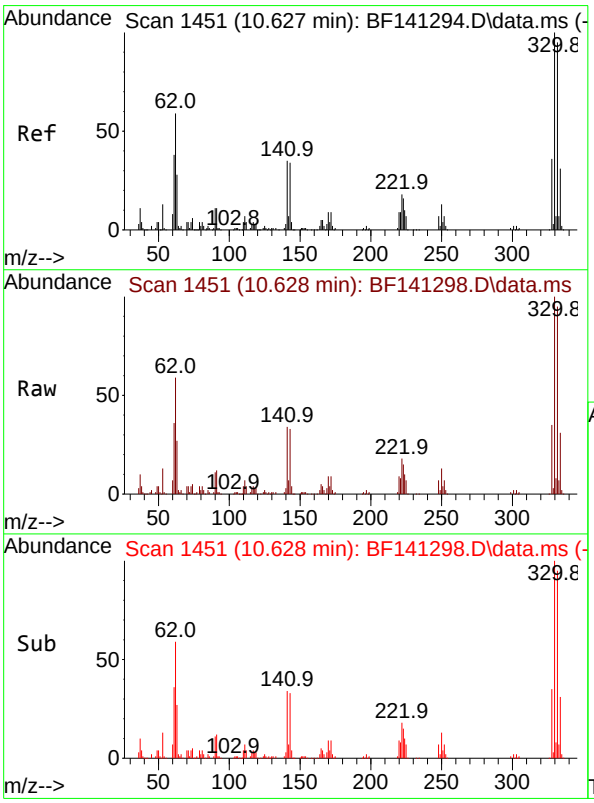
Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.9	82.9
272	13.1	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

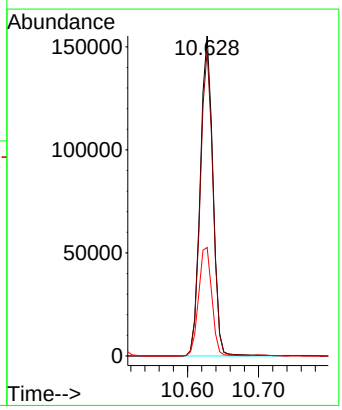
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

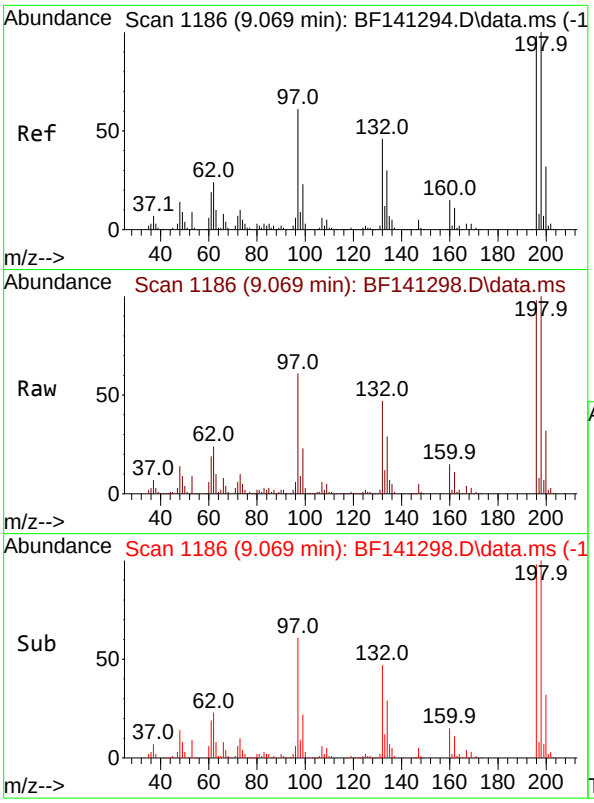


#42
2,4,6-Tribromophenol
Concen: 75.161 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:330 Resp: 192773

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.1	114.1
141	35.5	28.8	43.2

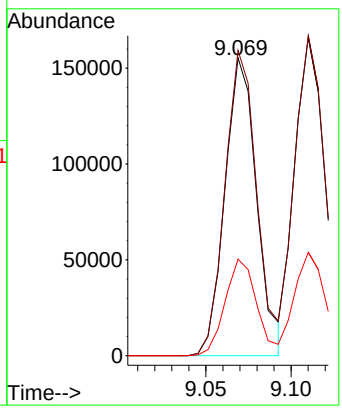




#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:196 Resp: 20121

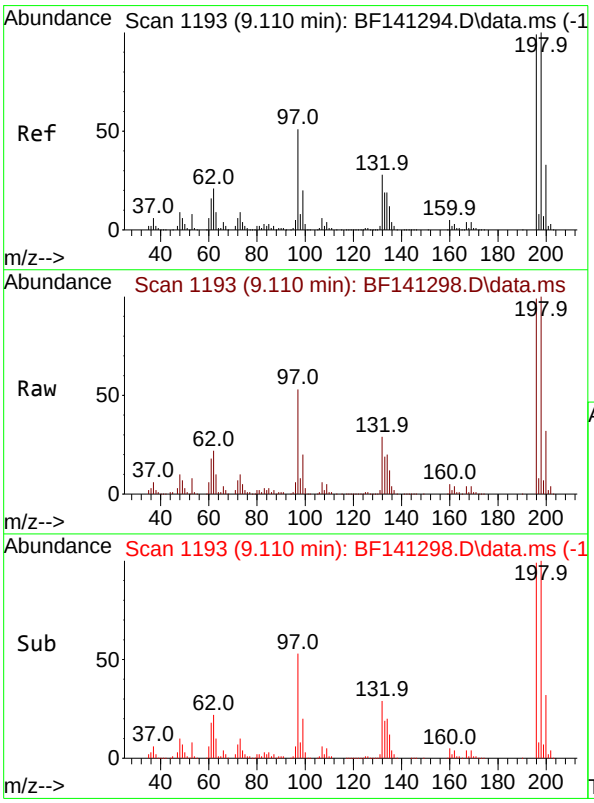
Ion	Ratio	Lower	Upper
196	100		
198	102.5	81.8	122.6
200	32.4	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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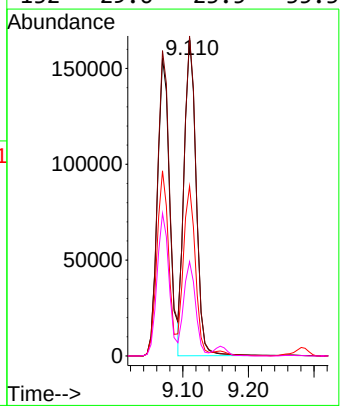
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

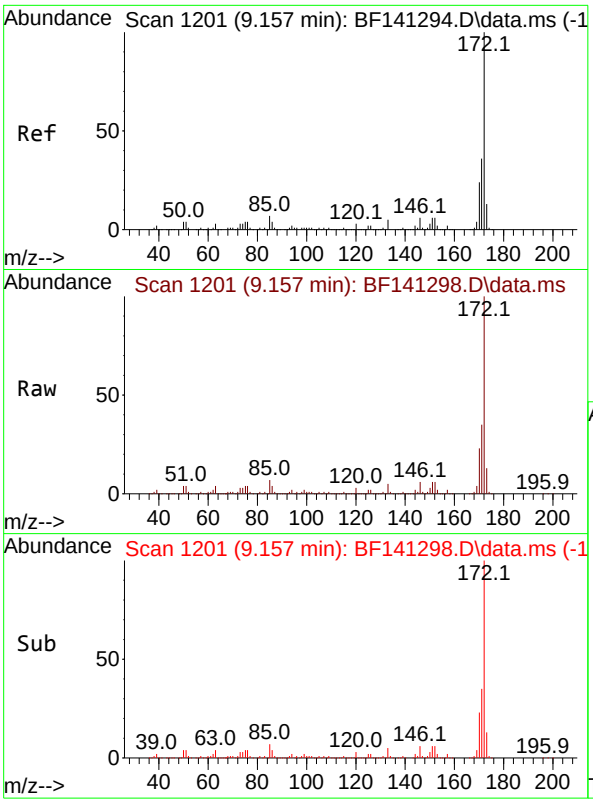


#44
2,4,5-Trichlorophenol
Concen: 36.969 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:196 Resp: 209611

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.5	120.7
97	53.3	42.8	64.2
132	29.6	23.5	35.3

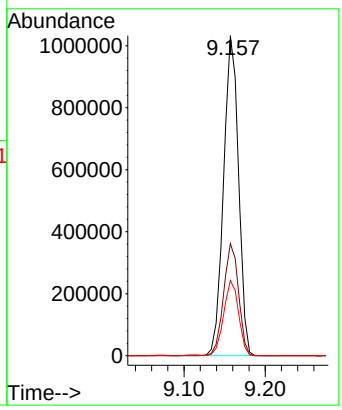




#45
2-Fluorobiphenyl
Concen: 72.938 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:172 Resp: 132572

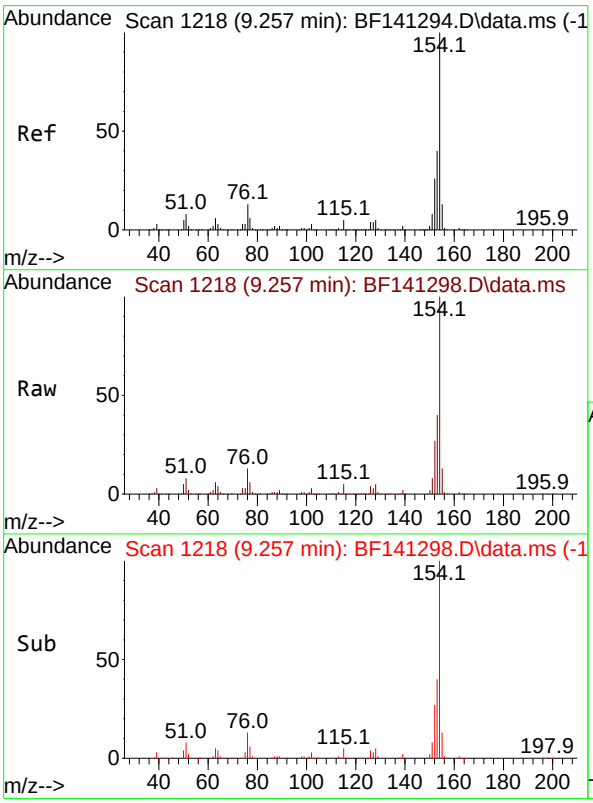
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.4	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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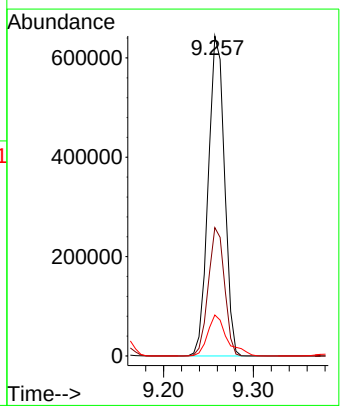
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

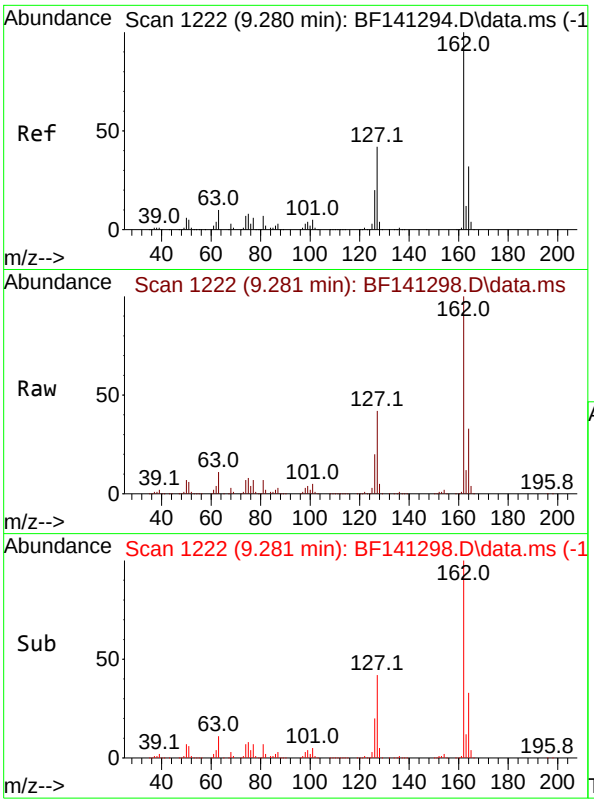


#46
1,1'-Biphenyl
Concen: 37.111 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 809694

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	12.8	0.0	32.8

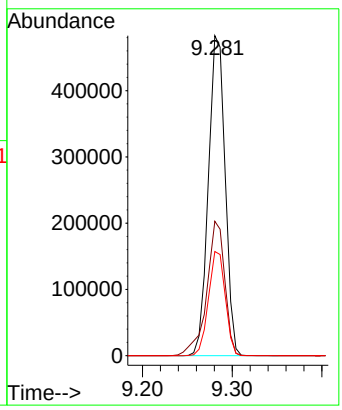




#47
2-Chloronaphthalene
Concen: 36.837 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:162 Resp: 62645

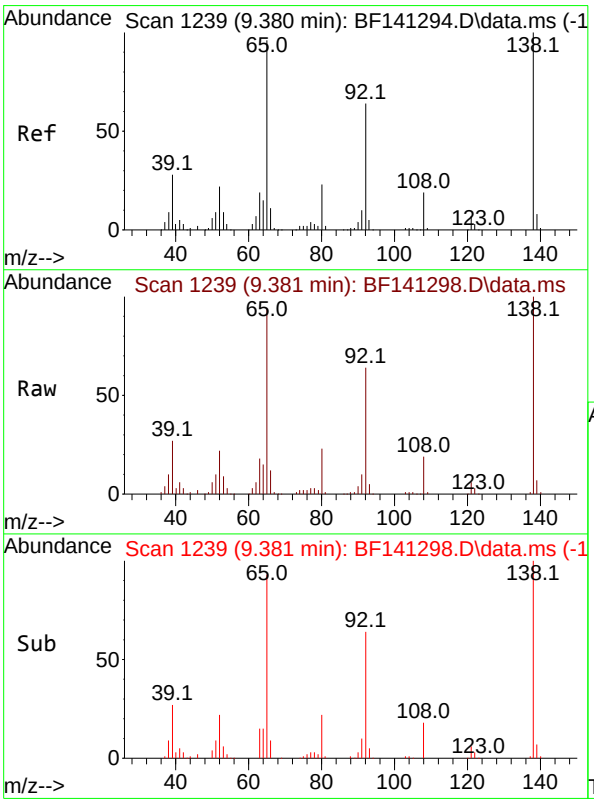
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	32.5	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

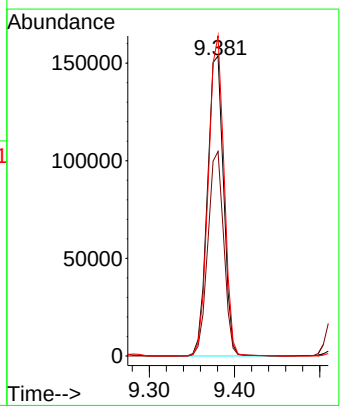
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

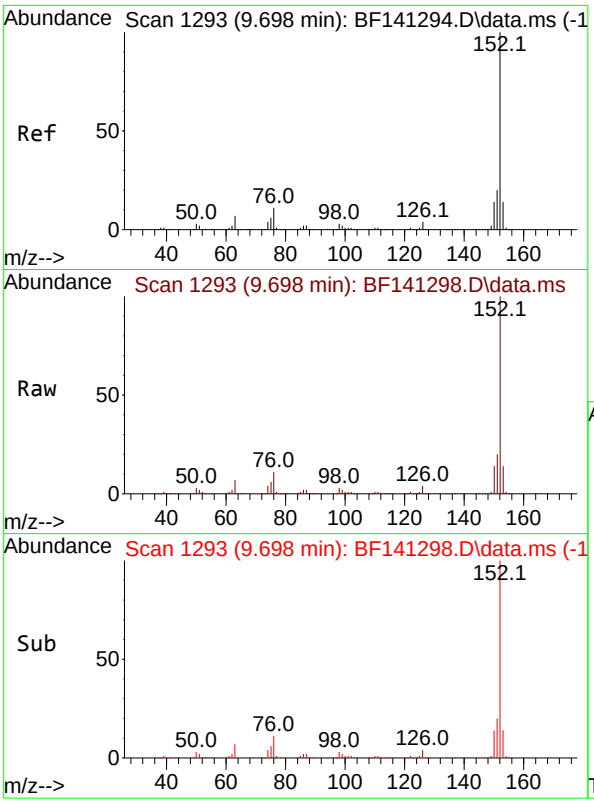


#48
2-Nitroaniline
Concen: 37.970 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 65 Resp: 203104

Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.3	79.9
138	106.7	83.6	125.4

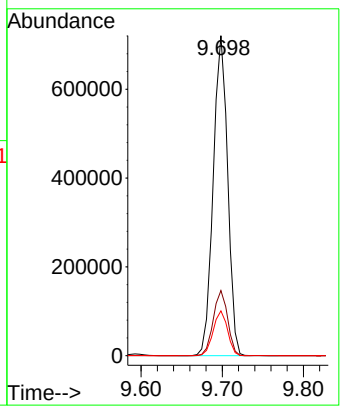




#49
Acenaphthylene
Concen: 37.416 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:152 Resp: 89070

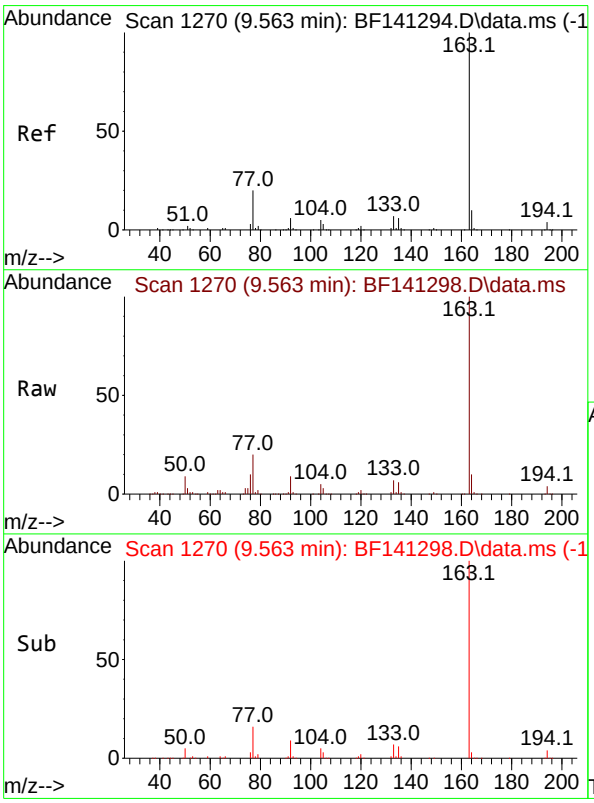
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.0	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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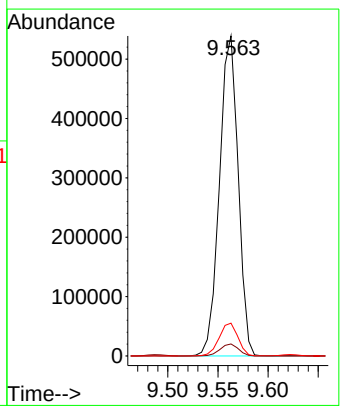
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

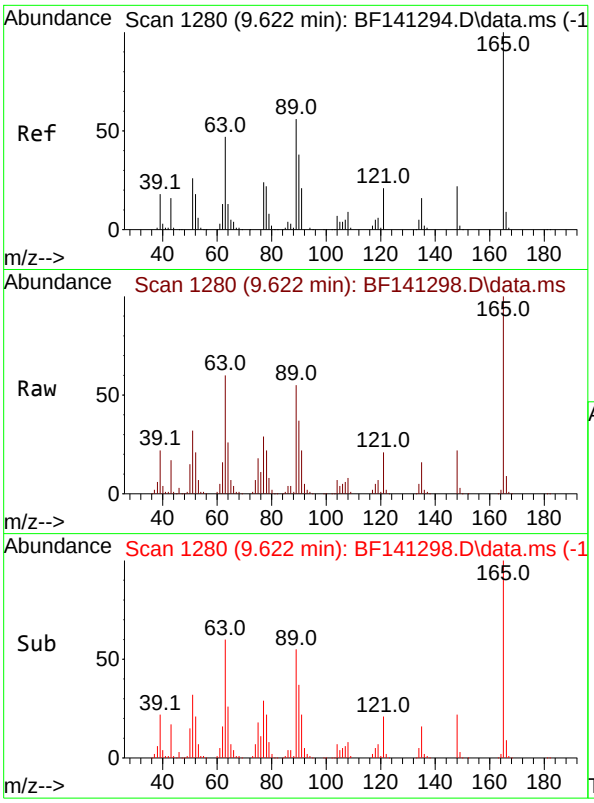


#50
Dimethylphthalate
Concen: 36.904 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:163 Resp: 697300

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0

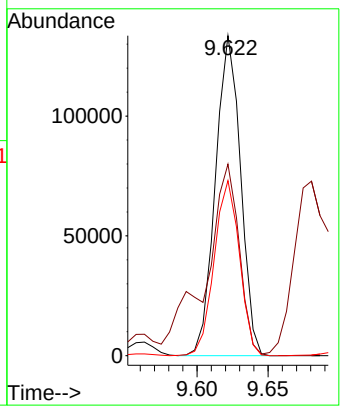




#51
2,6-Dinitrotoluene
Concen: 37.459 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:165 Resp: 16434

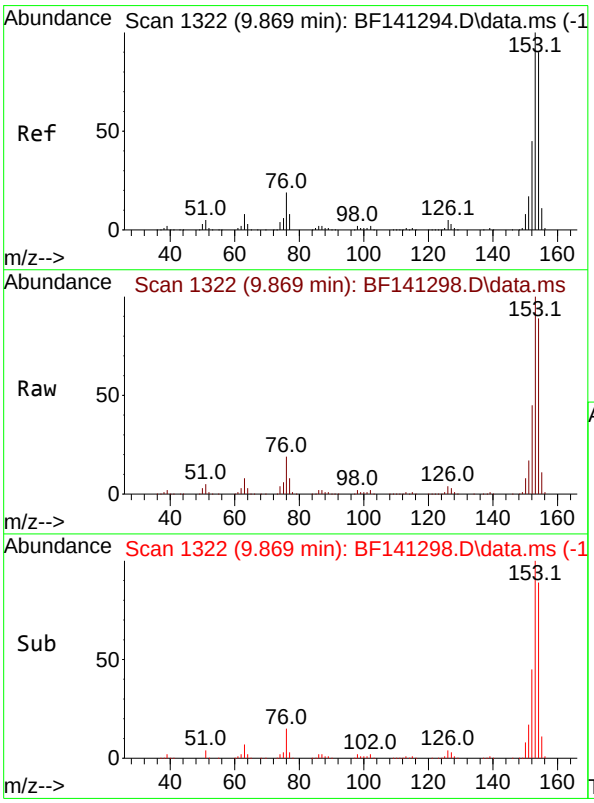
Ion	Ratio	Lower	Upper
165	100		
63	59.9	48.1	72.1
89	54.7	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

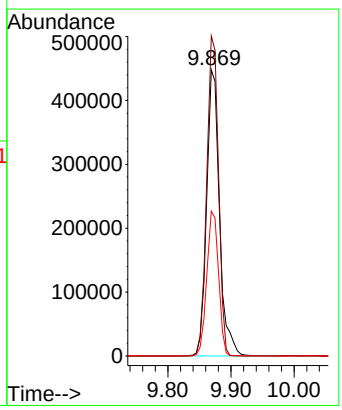
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

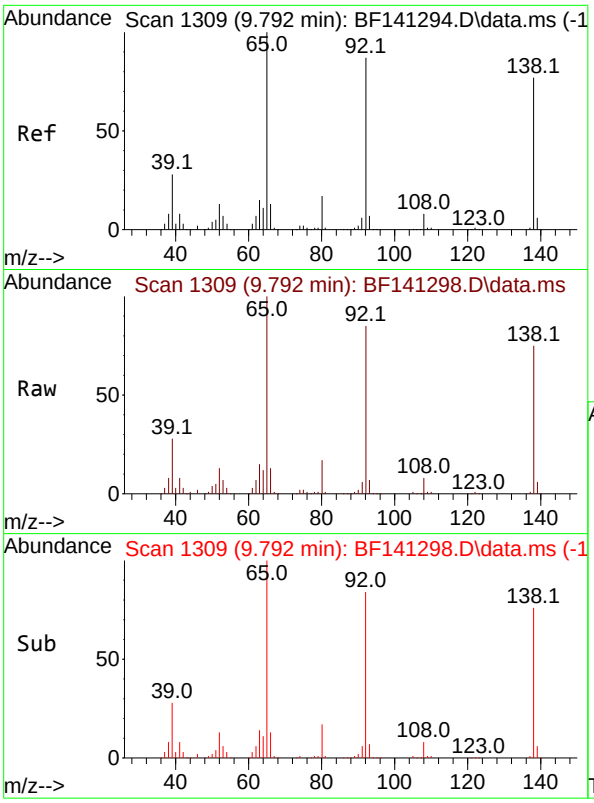


#52
Acenaphthene
Concen: 37.206 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 632756

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.4
152	50.6	40.2	60.4





#53
3-Nitroaniline
Concen: 38.150 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

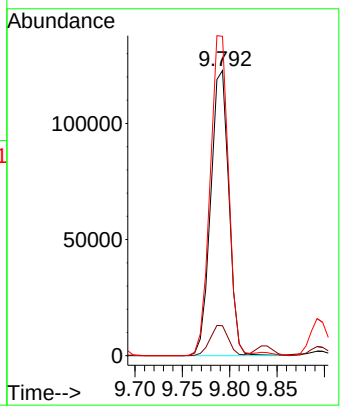
Tgt Ion:138 Resp: 16404

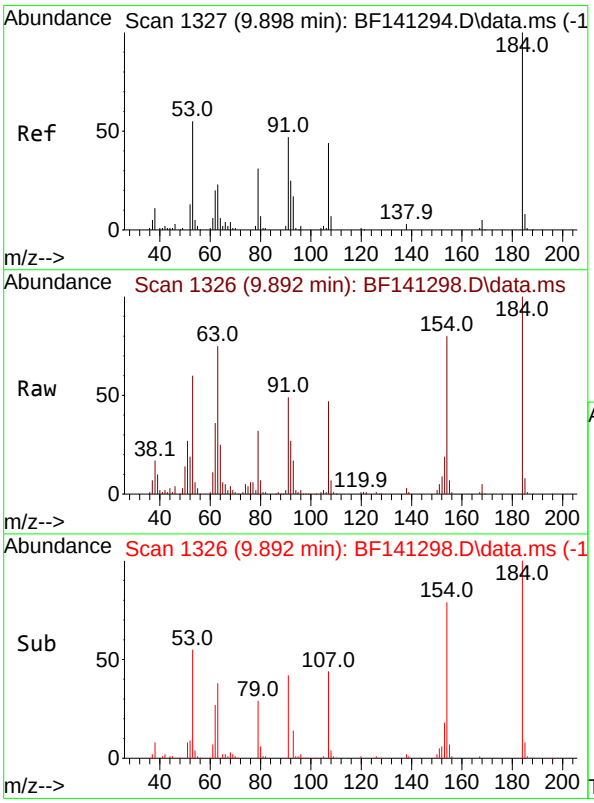
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	112.1	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

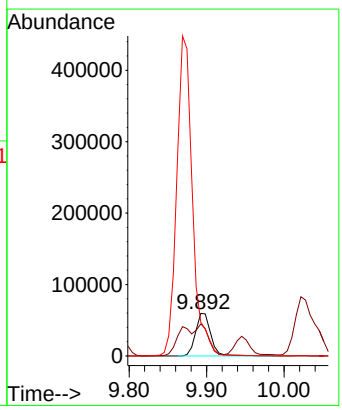


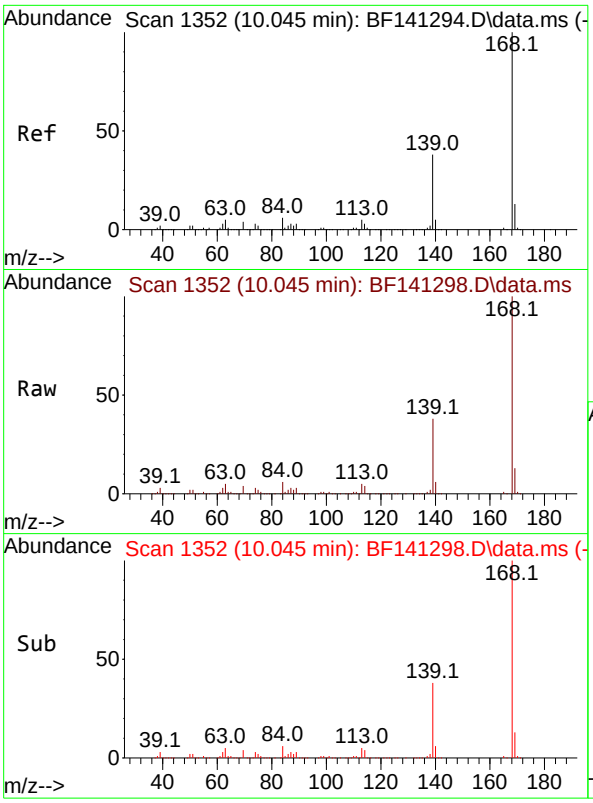


#54
2,4-Dinitrophenol
Concen: 39.734 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:184 Resp: 81034

Ion	Ratio	Lower	Upper
184	100		
63	75.3	54.1	81.1
154	79.6	50.7	76.1#

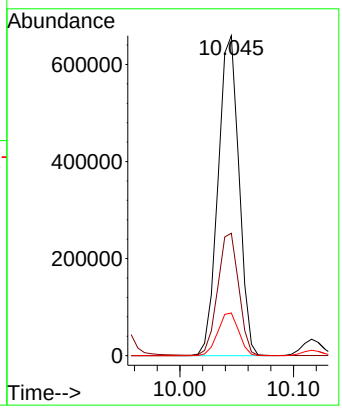




#55
Dibenzofuran
Concen: 37.012 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:168 Resp: 84255

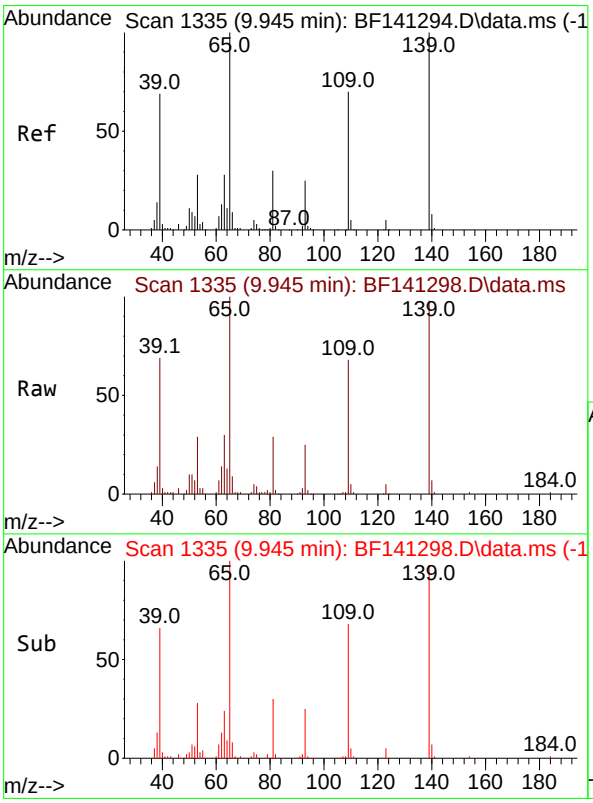
Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	46.0
169	13.4	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

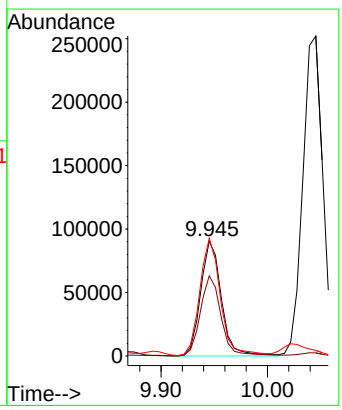
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

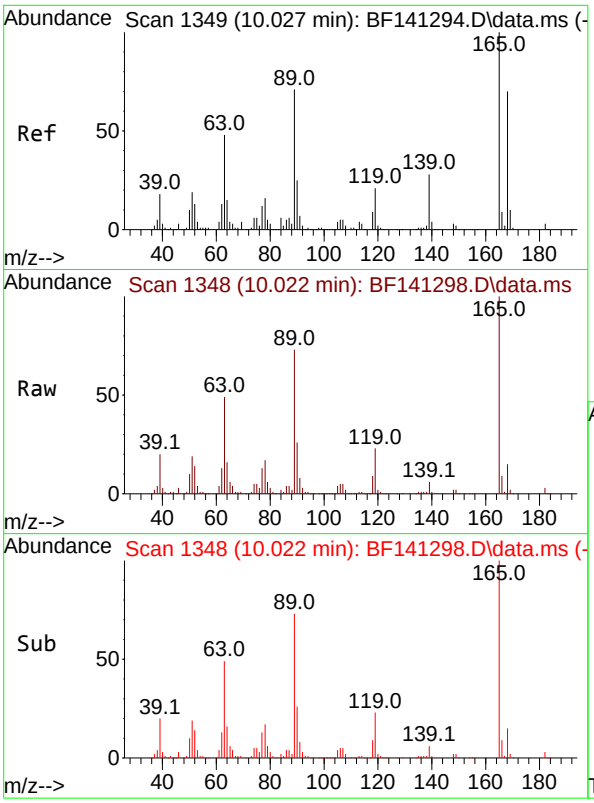


#56
4-Nitrophenol
Concen: 39.089 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 122925

Ion	Ratio	Lower	Upper
139	100		
109	69.7	50.2	90.2
65	102.4	80.6	120.6

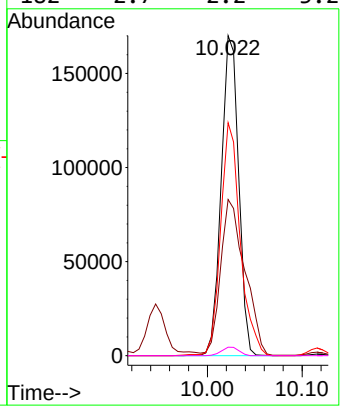




#57
2,4-Dinitrotoluene
Concen: 38.327 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:165 Resp: 21770

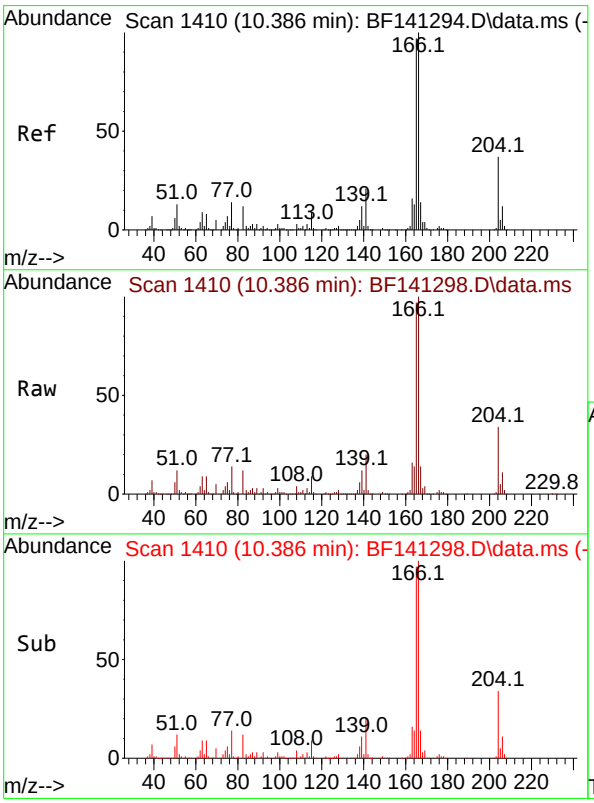
Ion	Ratio	Lower	Upper
165	100		
63	48.8	39.2	58.8
89	72.8	56.9	85.3
182	2.7	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

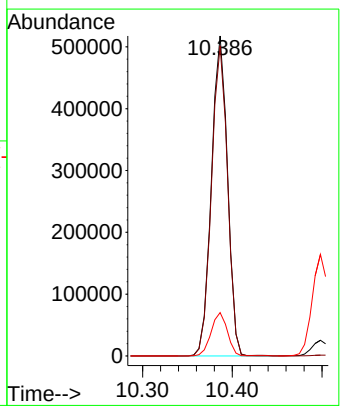
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

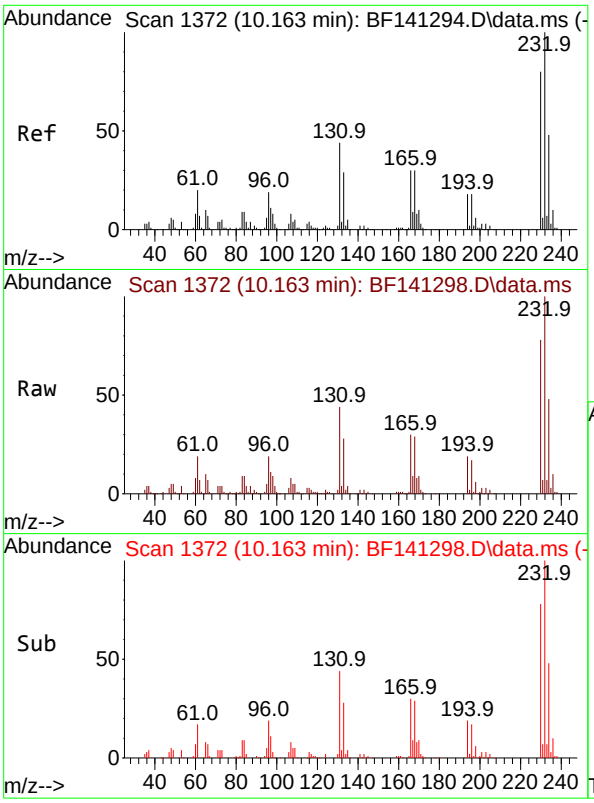


#58
Fluorene
Concen: 36.451 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:166 Resp: 643639

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.5	116.3
167	13.6	10.9	16.3

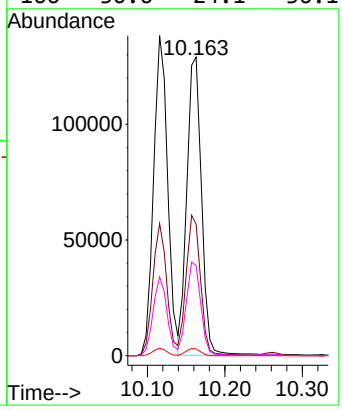




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.902 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:232 Resp: 16906

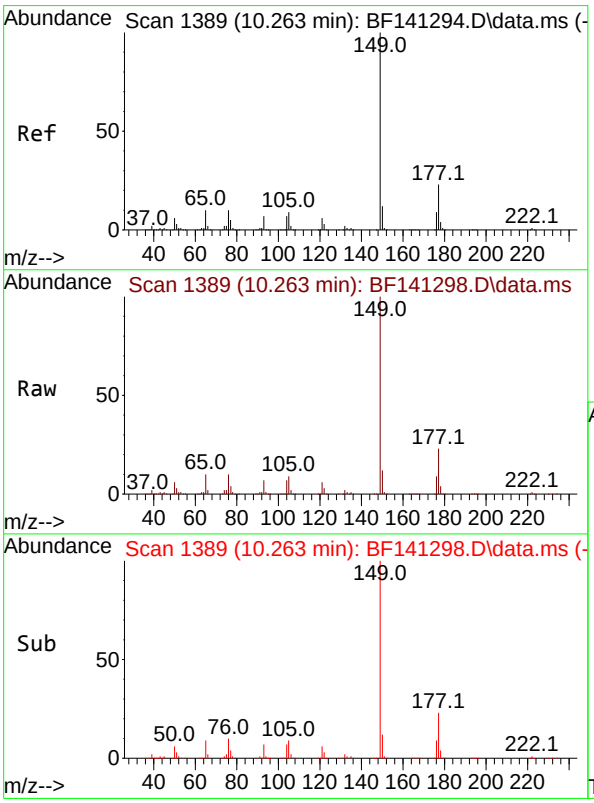
Ion	Ratio	Lower	Upper
232	100		
131	46.5	36.4	54.6
130	2.4	1.9	2.9
166	30.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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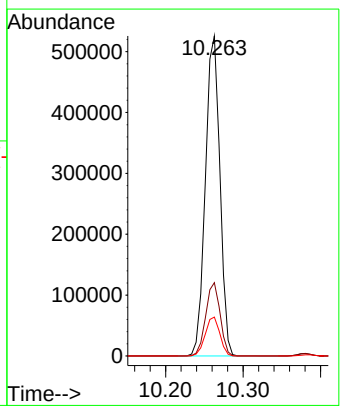
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

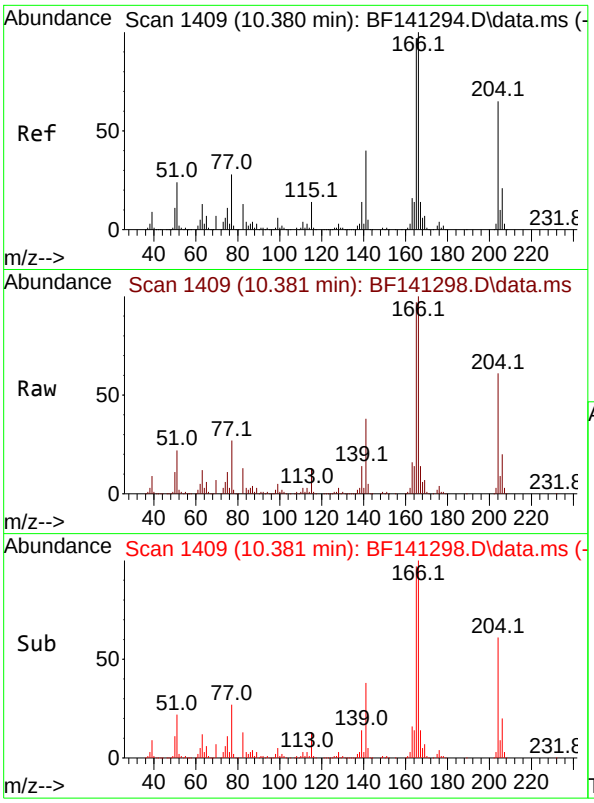


#60
Diethylphthalate
Concen: 37.316 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 683674

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.1	10.0	15.0

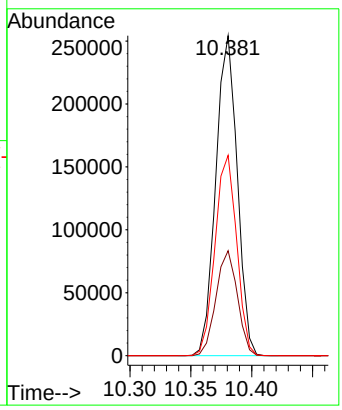




#61
4-Chlorophenyl-phenylether
Concen: 36.180 ng
RT: 10.381 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:204 Resp: 31206

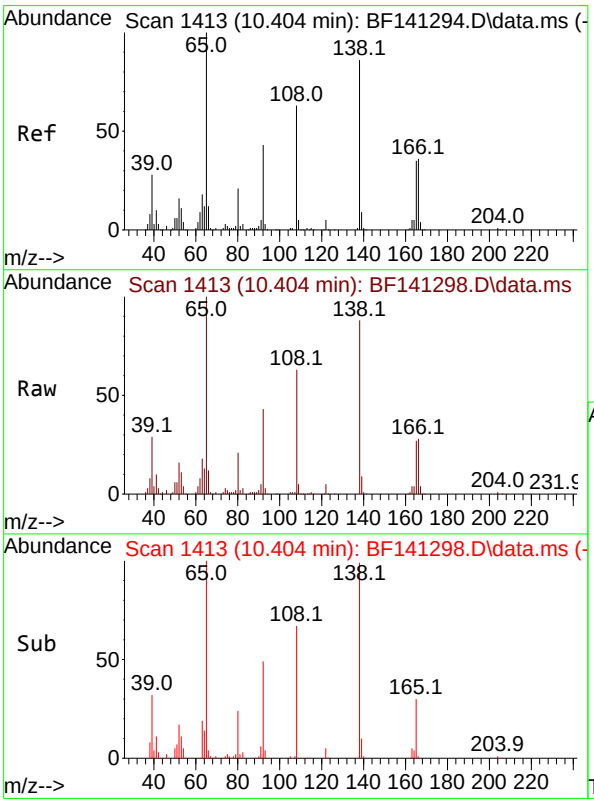
Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	62.6	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

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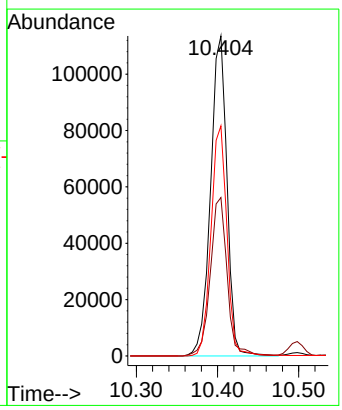
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

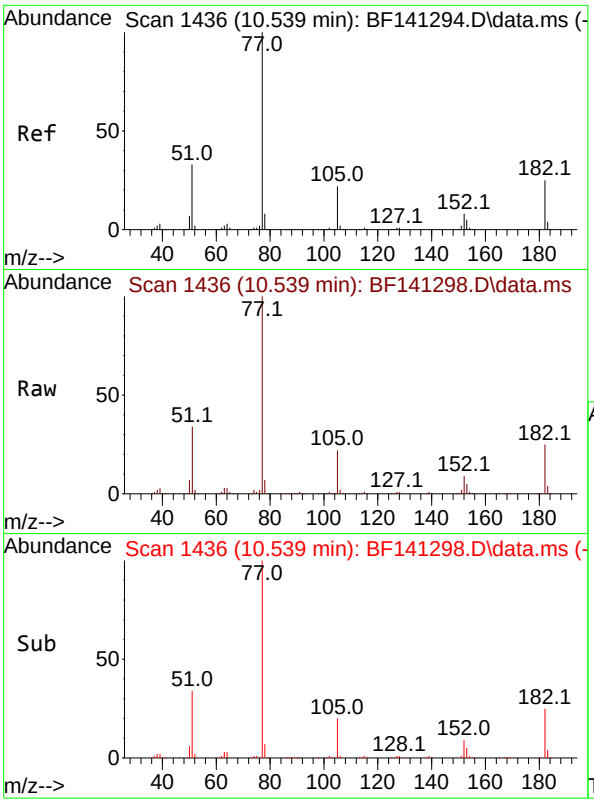


#62
4-Nitroaniline
Concen: 37.665 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:138 Resp: 159227

Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.1	70.1
108	71.9	53.1	93.1

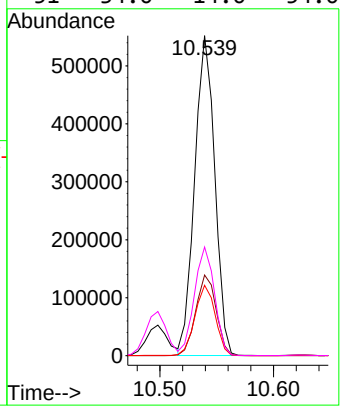




#63
Azobenzene
Concen: 37.020 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 77 Resp: 67890

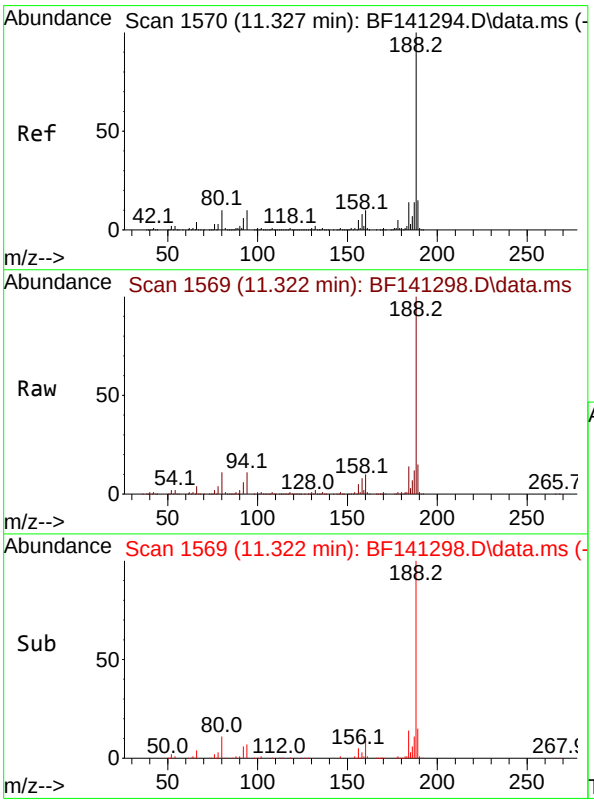
Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.1	45.1
105	22.0	1.8	41.8
51	34.0	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

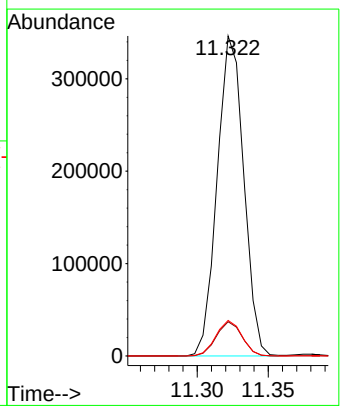
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

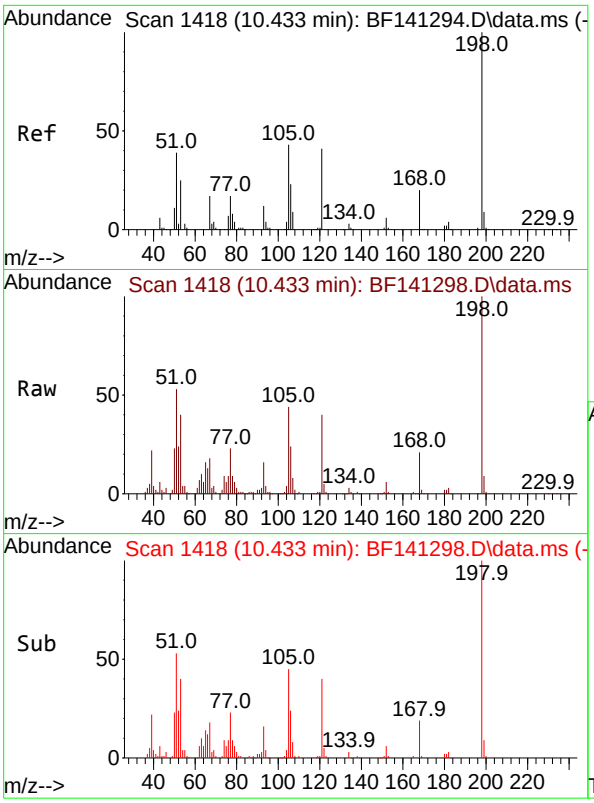


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:188 Resp: 450291

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.1	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.913 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

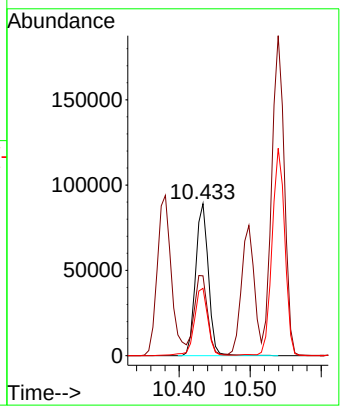
Tgt Ion:198 Resp: 11163

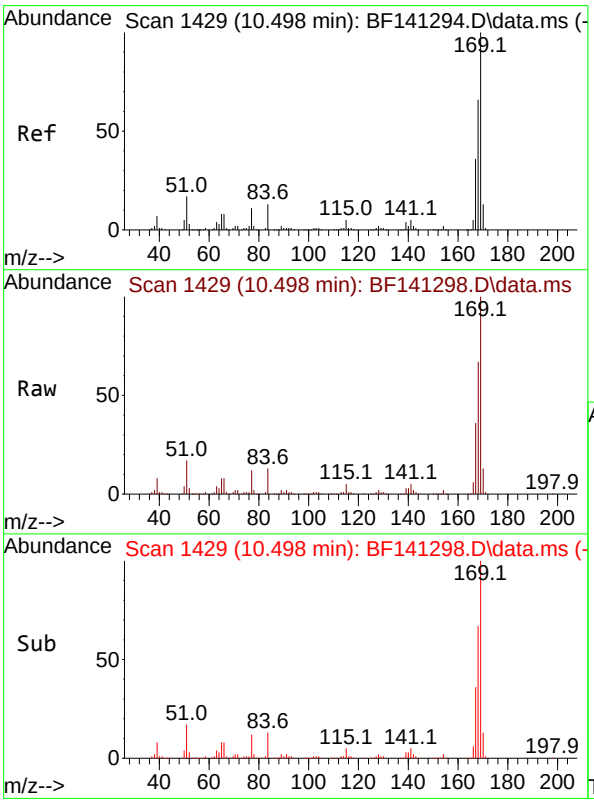
Ion	Ratio	Lower	Upper
198	100		
51	52.5	33.4	73.4
105	44.4	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

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Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

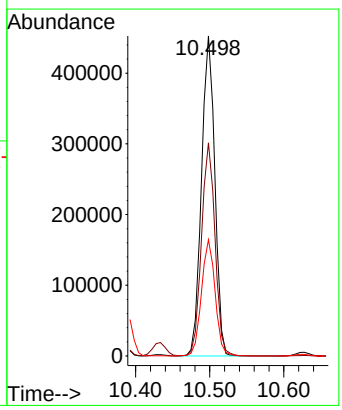


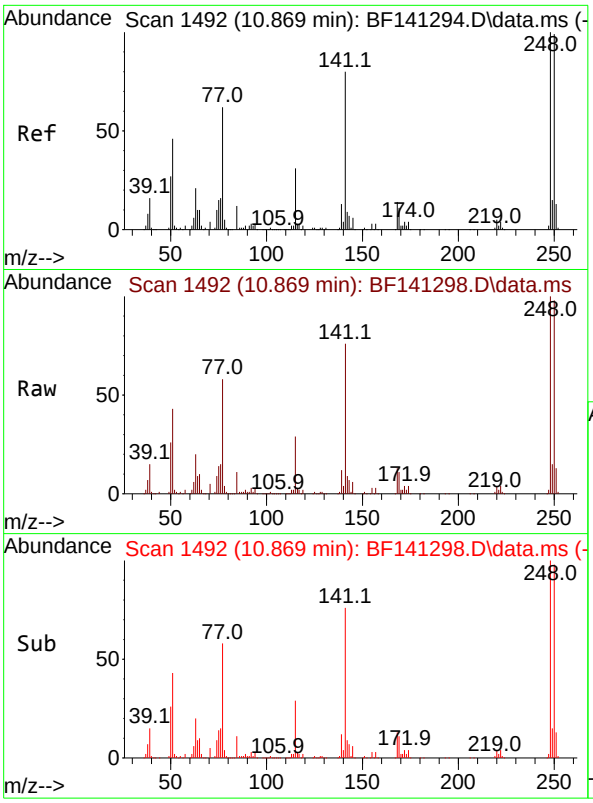


#66
n-Nitrosodiphenylamine
Concen: 38.757 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:169 Resp: 564452

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.3	28.8	43.2

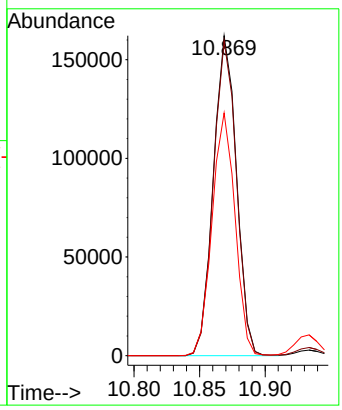




#67
4-Bromophenyl-phenylether
Concen: 39.477 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:248 Resp: 199009

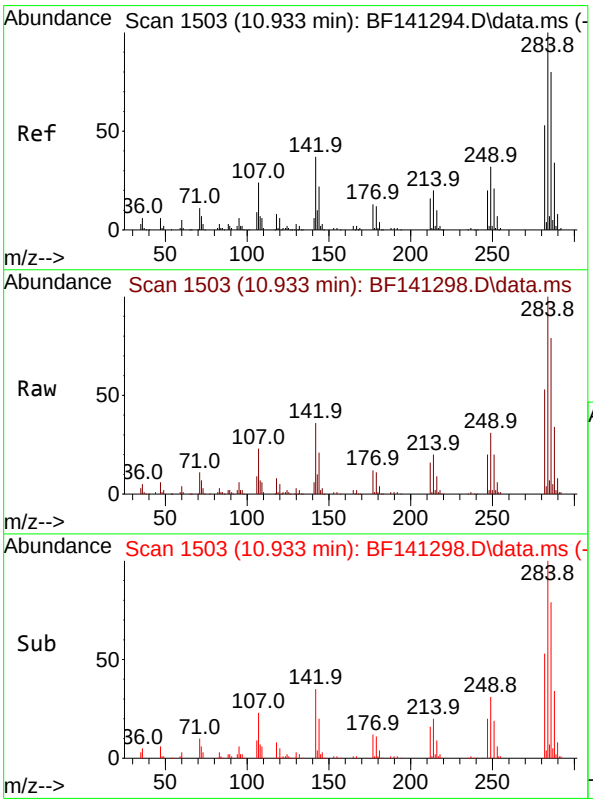
Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.0	118.4
141	75.9	63.7	95.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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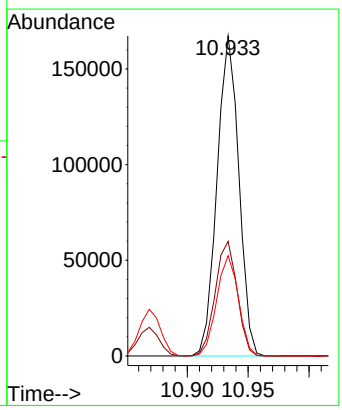
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

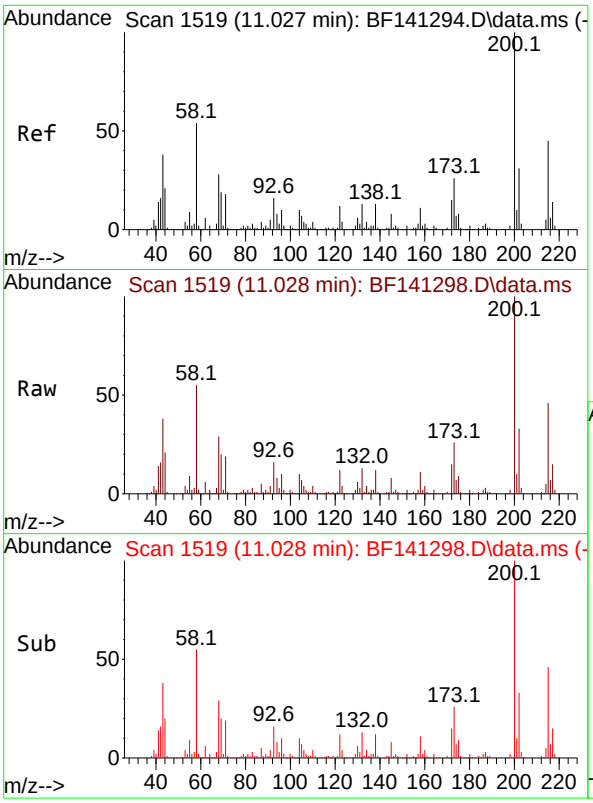


#68
Hexachlorobenzene
Concen: 38.929 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:284 Resp: 208171

Ion	Ratio	Lower	Upper
284	100		
142	35.8	29.5	44.3
249	31.3	25.4	38.2

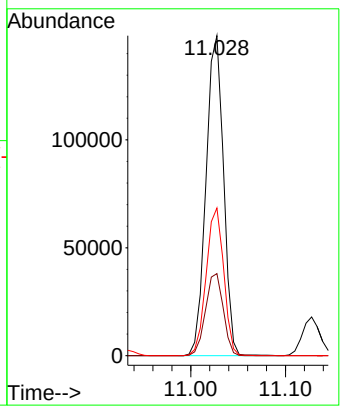




#69
Atrazine
Concen: 39.215 ng
RT: 11.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:200 Resp: 19095

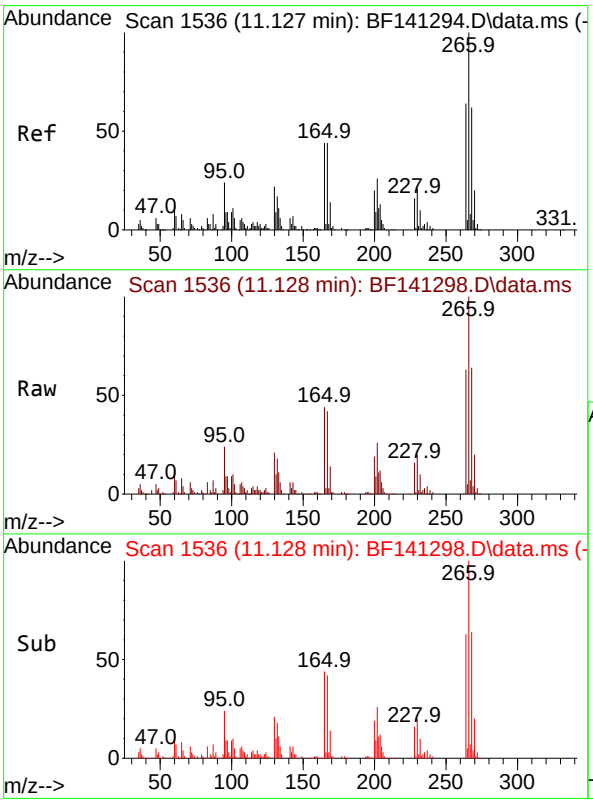
Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.9	45.9
215	46.1	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

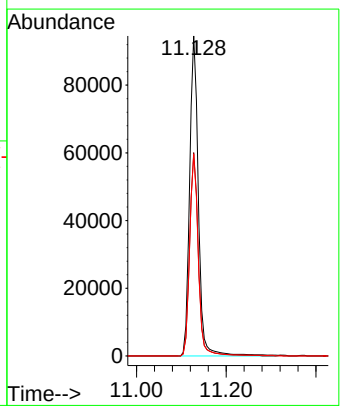
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

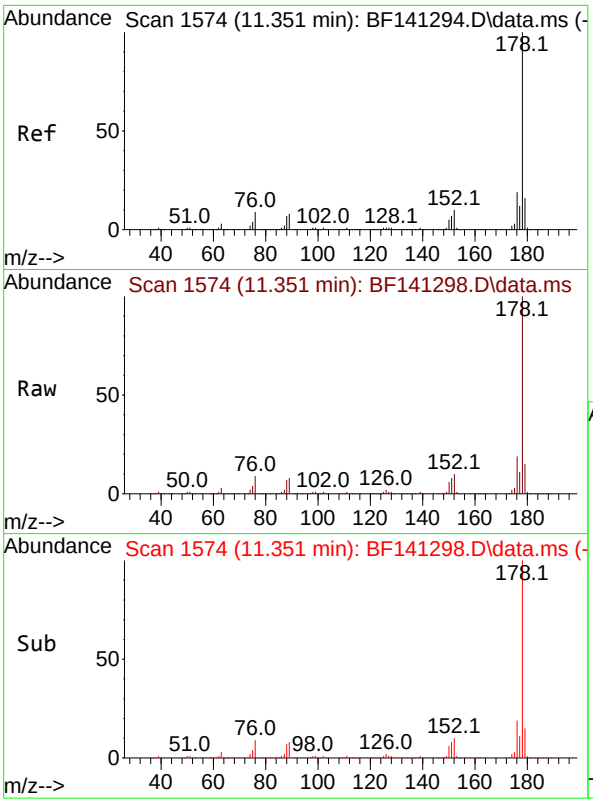


#70
Pentachlorophenol
Concen: 40.973 ng
RT: 11.128 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:266 Resp: 128300

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.9	74.9
264	63.0	51.0	76.4

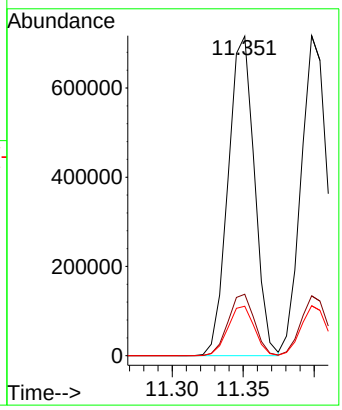




#71
Phenanthrene
Concen: 38.117 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:178 Resp: 92262

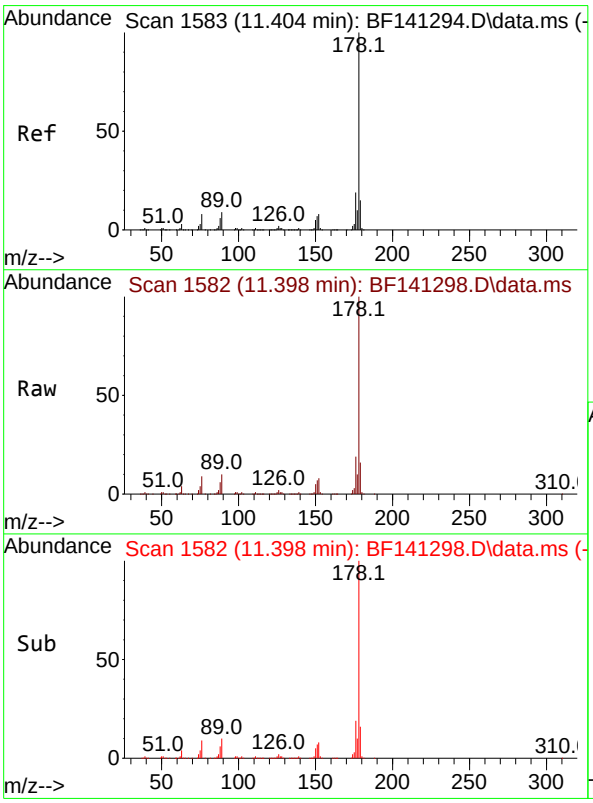
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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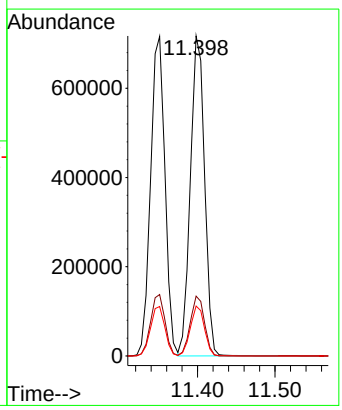
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

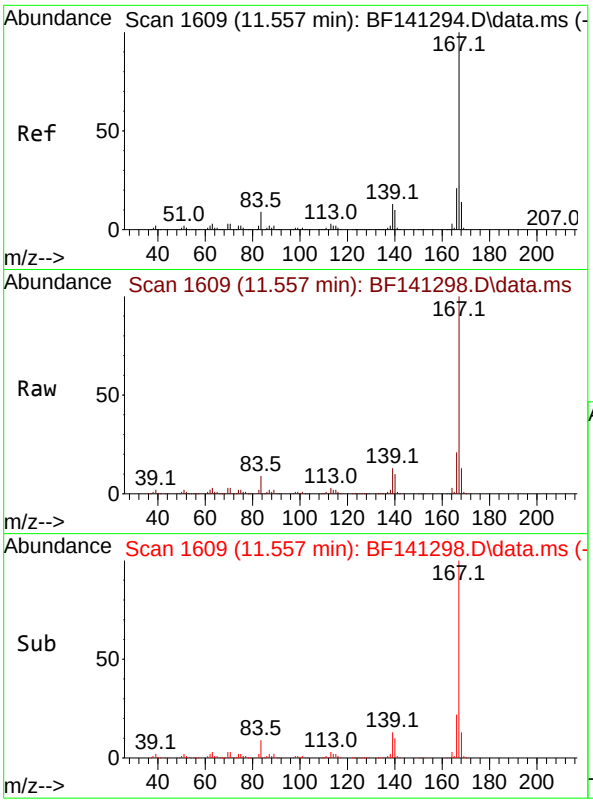


#72
Anthracene
Concen: 38.484 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:178 Resp: 912703

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5

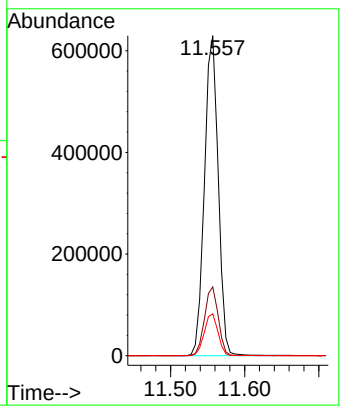




#73
Carbazole
Concen: 38.661 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:167 Resp: 81303

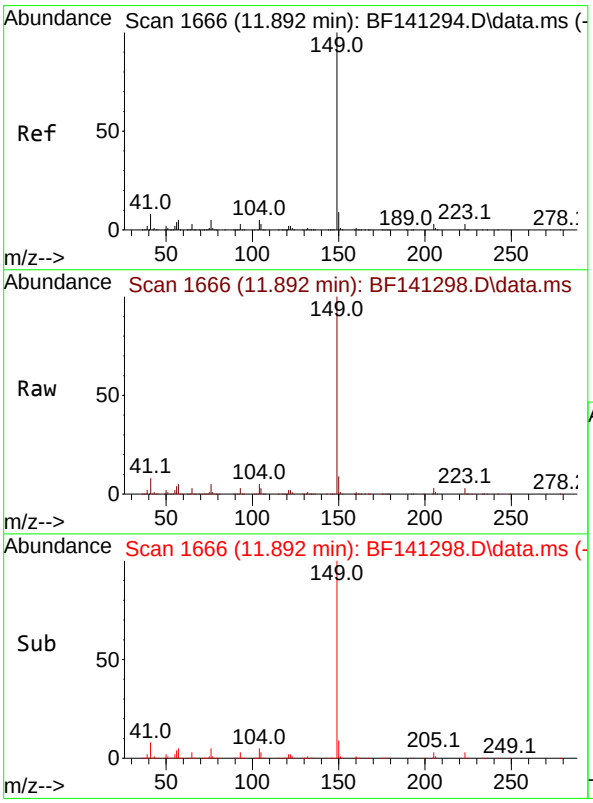
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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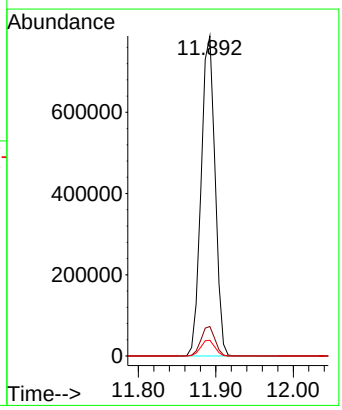
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

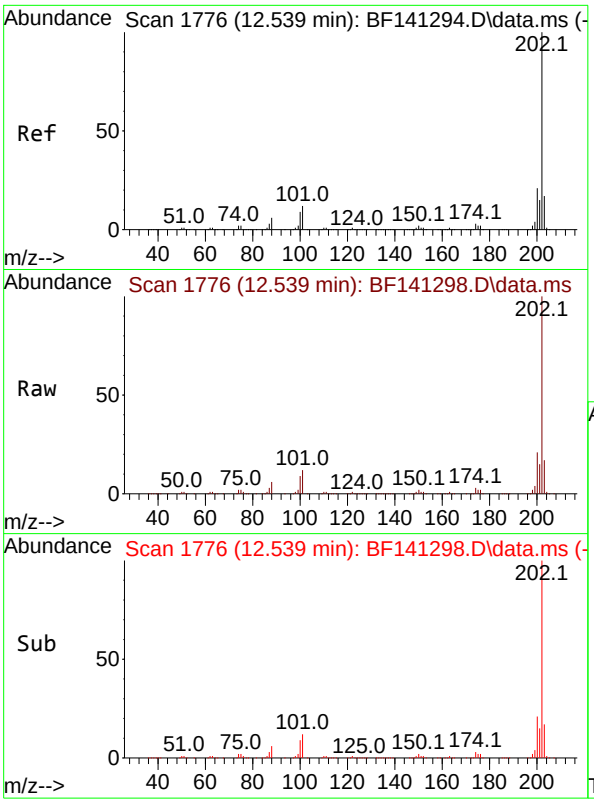


#74
Di-n-butylphthalate
Concen: 38.639 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 984759

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.9	5.9

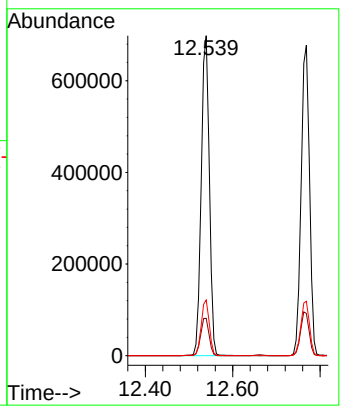




#75
Fluoranthene
Concen: 37.768 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:202 Resp: 90263

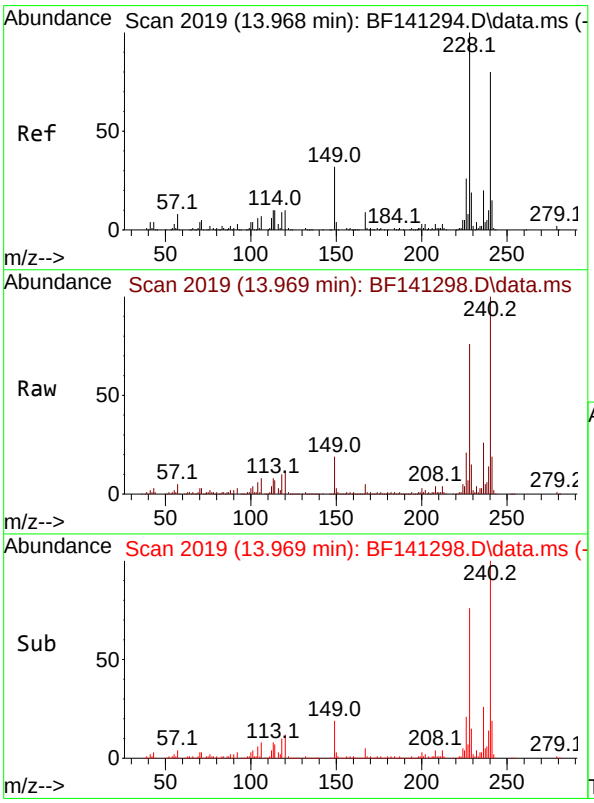
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
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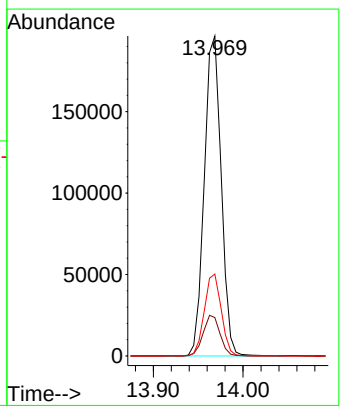
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

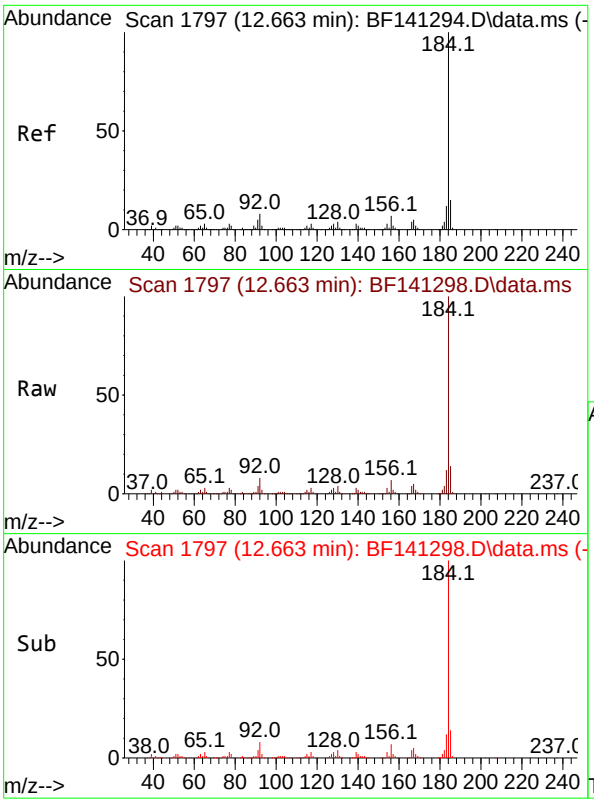


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:240 Resp: 257177

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.0	15.0
236	25.6	19.7	29.5

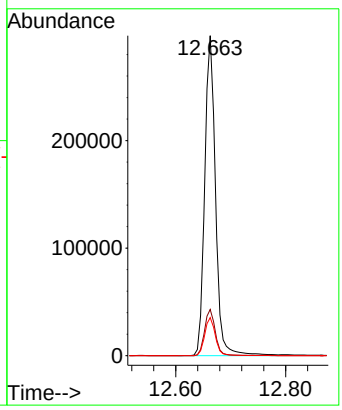




#77
Benzidine
Concen: 49.142 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:184 Resp: 40516

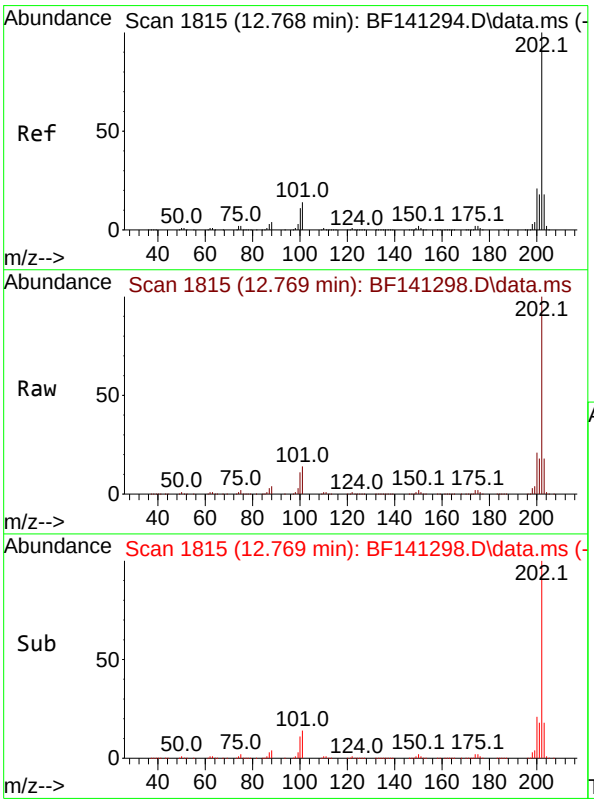
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.9	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

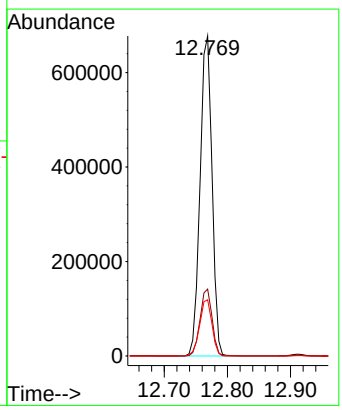
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

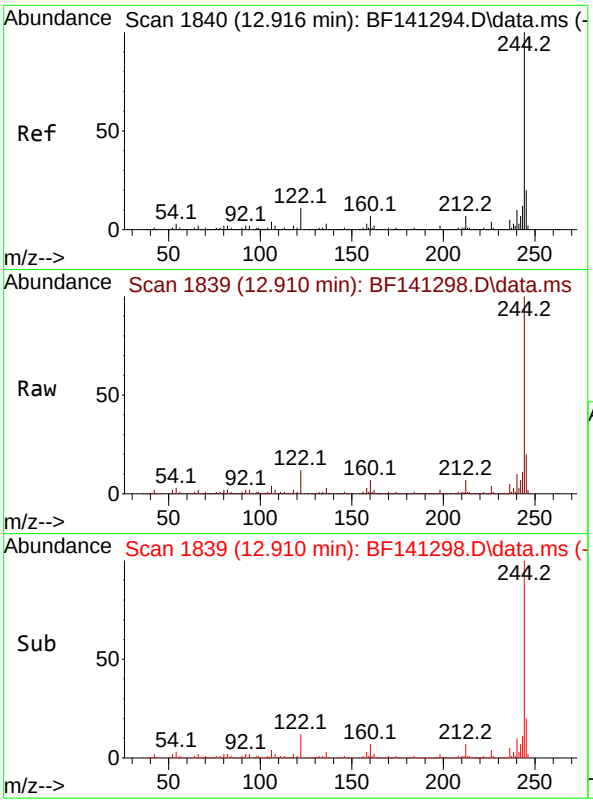


#78
Pyrene
Concen: 36.225 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:202 Resp: 894269

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.5	14.3	21.5

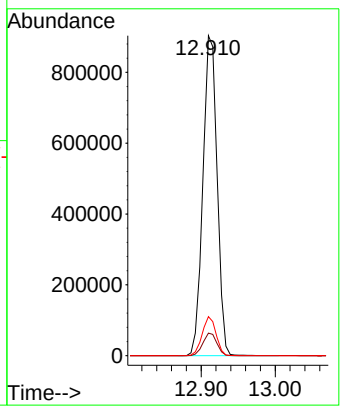




#79
Terphenyl-d14
Concen: 72.460 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:244 Resp: 120835

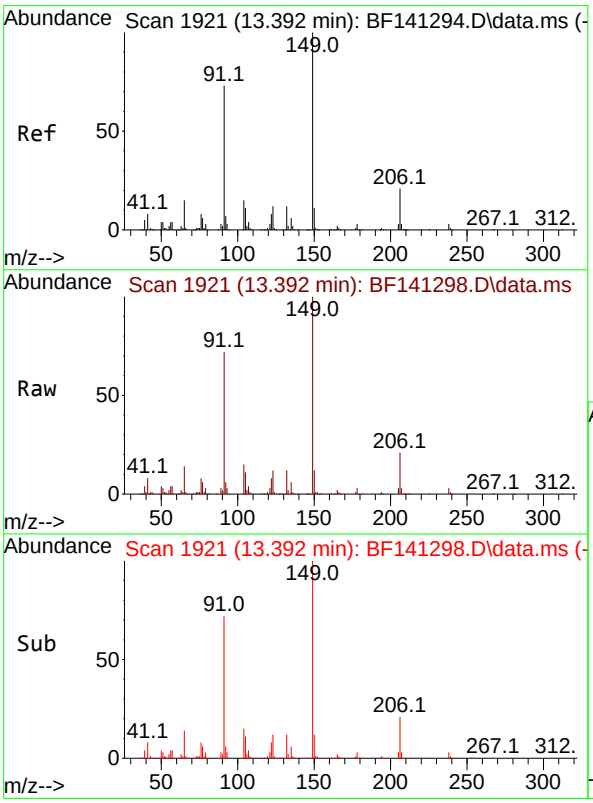
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.2	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

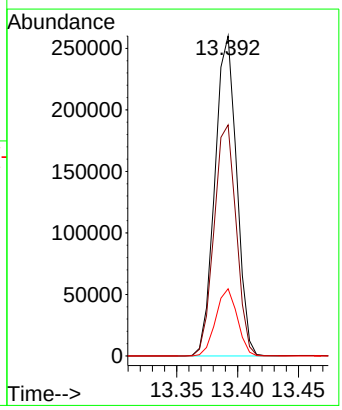
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

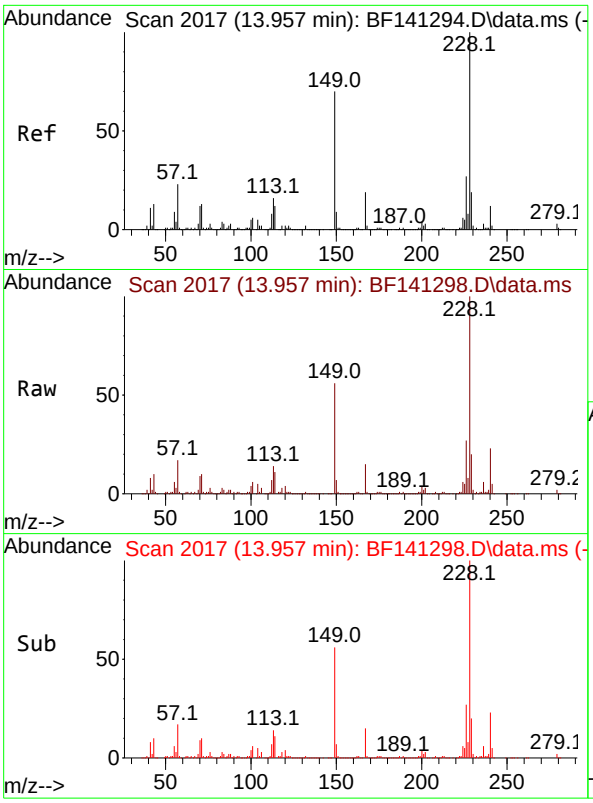


#80
Butylbenzylphthalate
Concen: 37.660 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 324793

Ion	Ratio	Lower	Upper
149	100		
91	72.2	58.6	87.8
206	21.0	16.7	25.1

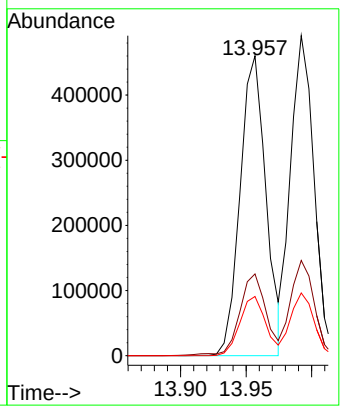




#81
Benzo(a)anthracene
Concen: 35.587 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:228 Resp: 63155

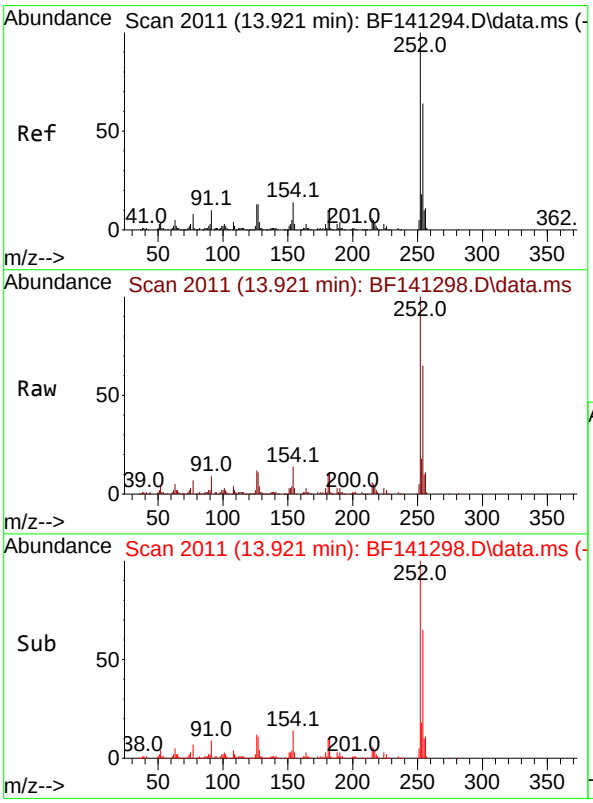
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.7	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

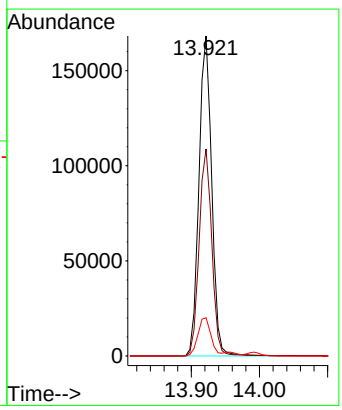
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

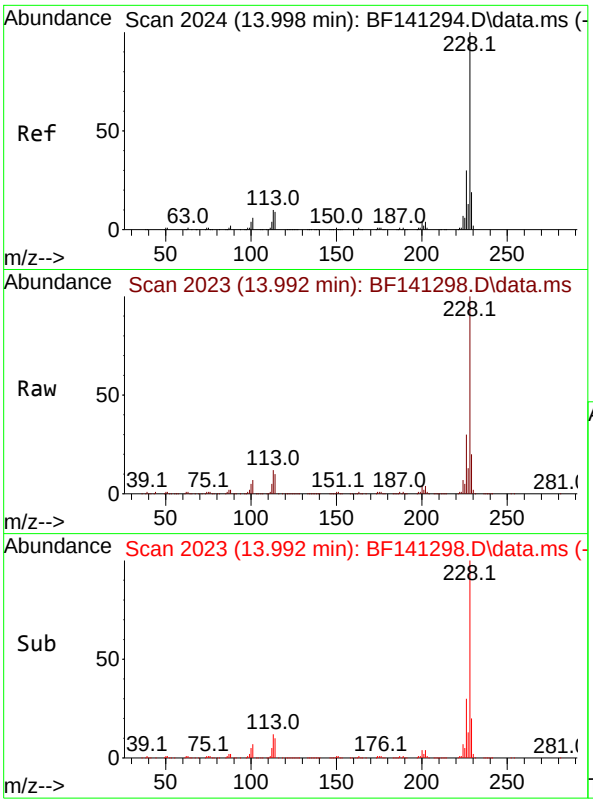


#82
3,3'-Dichlorobenzidine
Concen: 38.774 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 218850

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	12.0	10.0	15.0

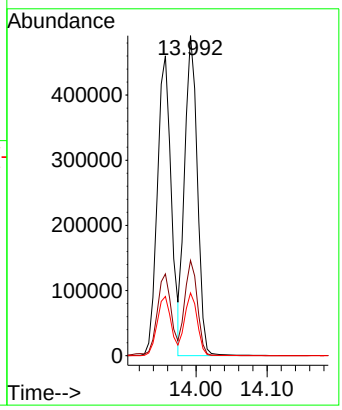




#83
Chrysene
Concen: 37.508 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:228 Resp: 61003

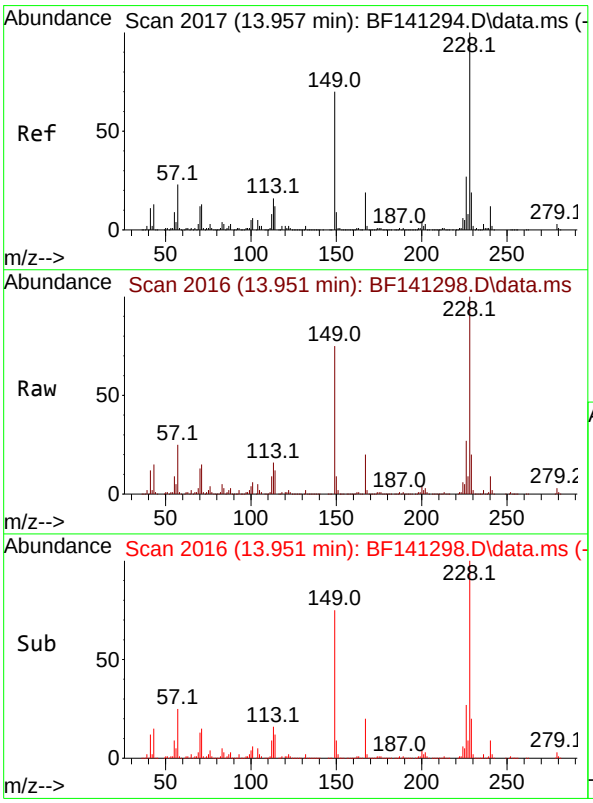
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.6	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

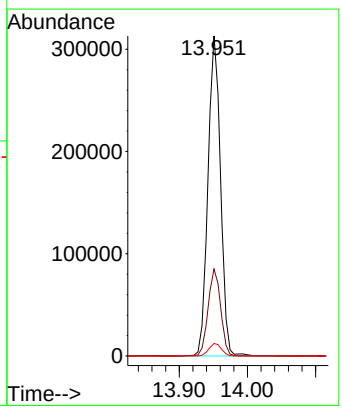
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

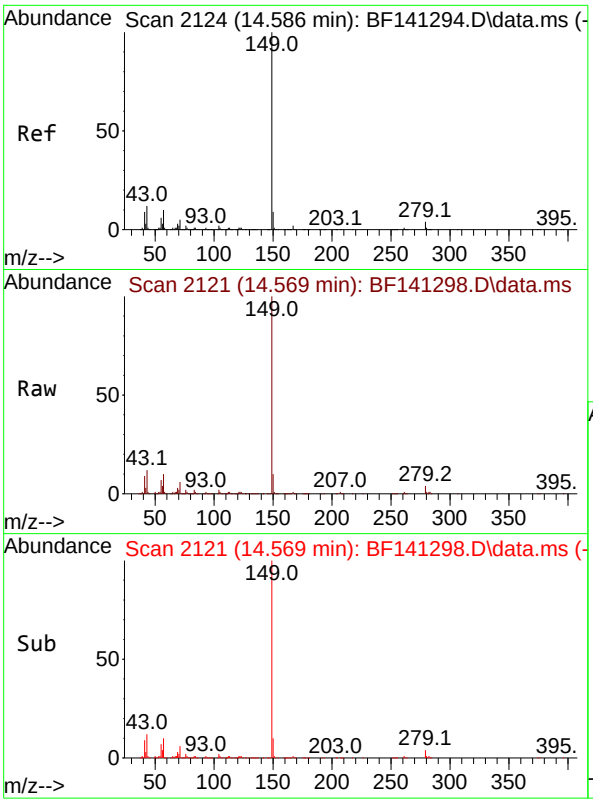


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.620 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 400642

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	3.9	3.3	4.9

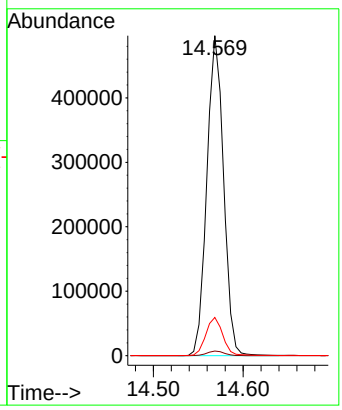




#85
Di-n-octyl phthalate
Concen: 37.807 ng
RT: 14.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 64243

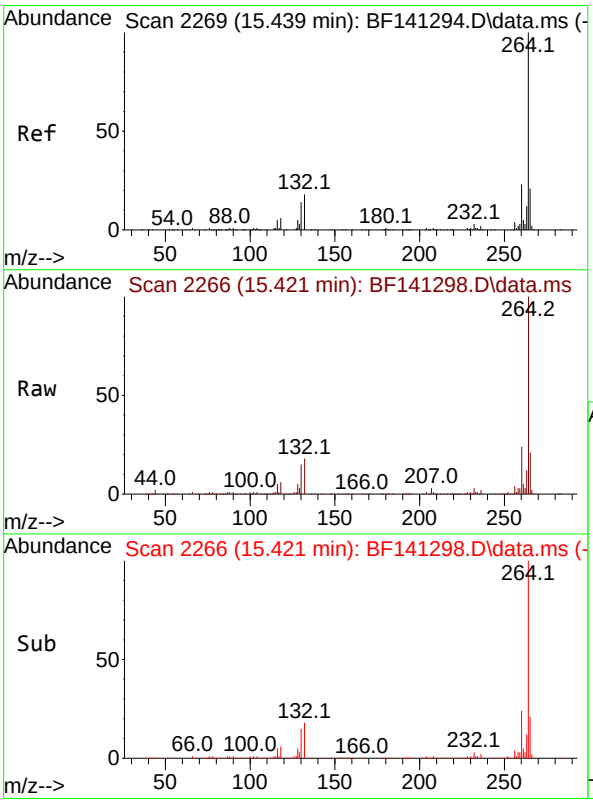
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

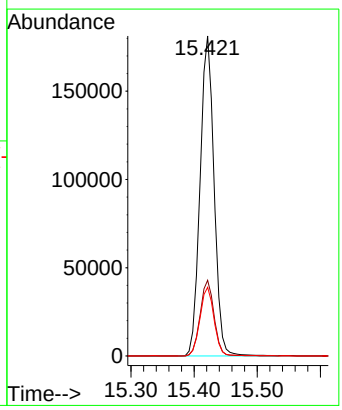
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

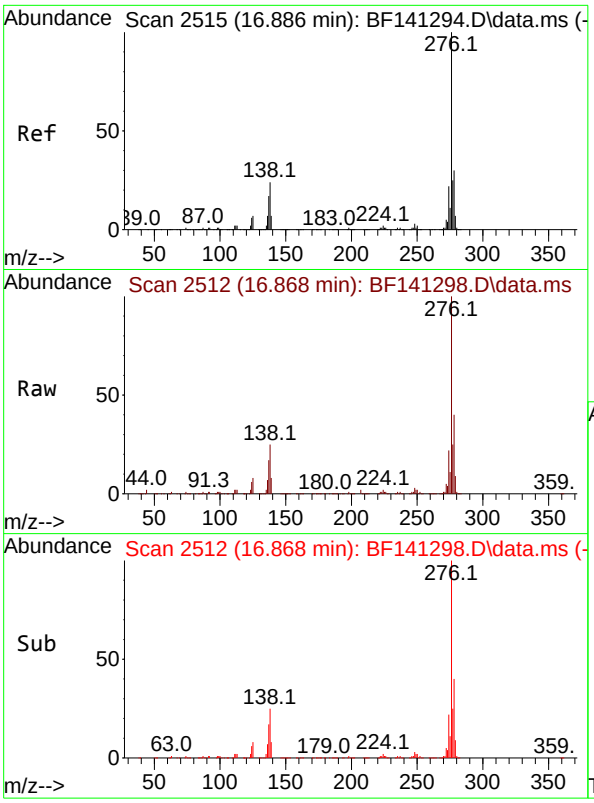


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:264 Resp: 279455

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	16.7	25.1

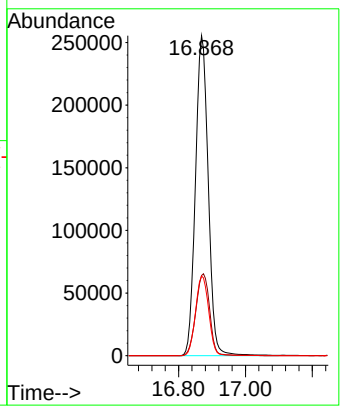




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.626 ng
RT: 16.868 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:276 Resp: 67865

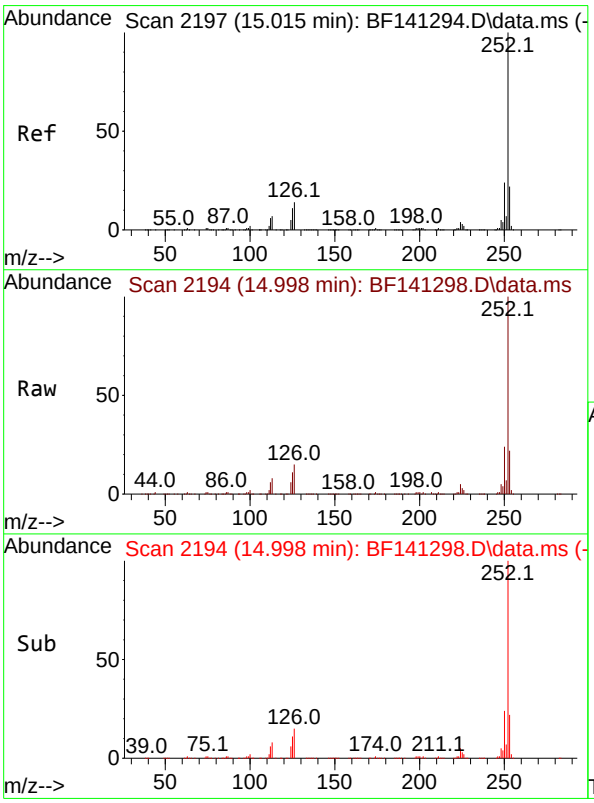
Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	25.7	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

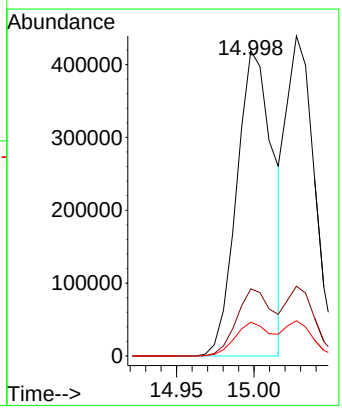
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

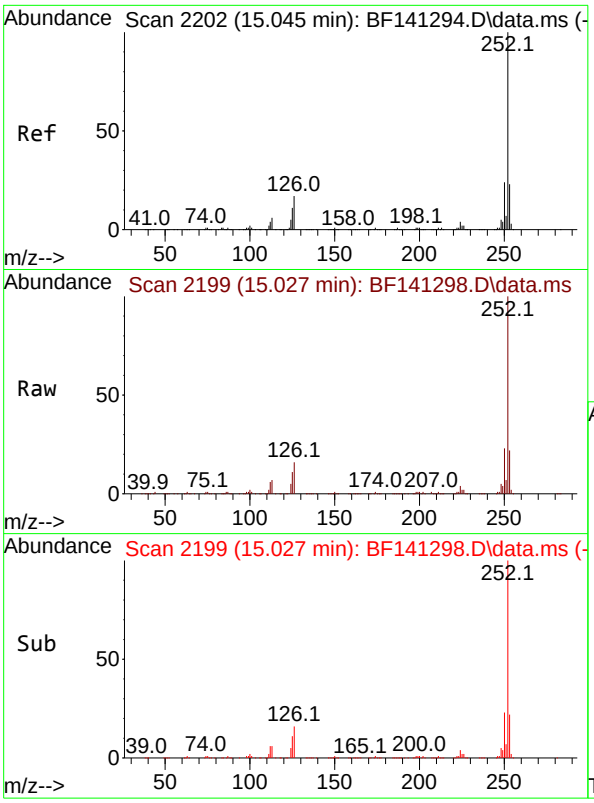


#88
Benzo(b)fluoranthene
Concen: 38.861 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 683111

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.0	8.6	12.8

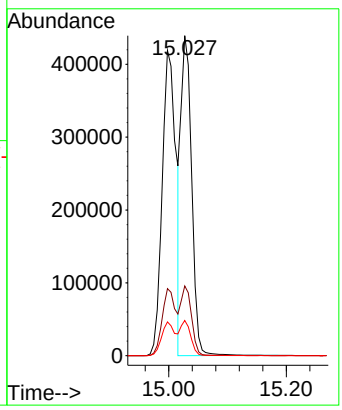




#89
Benzo(k)fluoranthene
Concen: 35.766 ng
RT: 15.027 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 55696

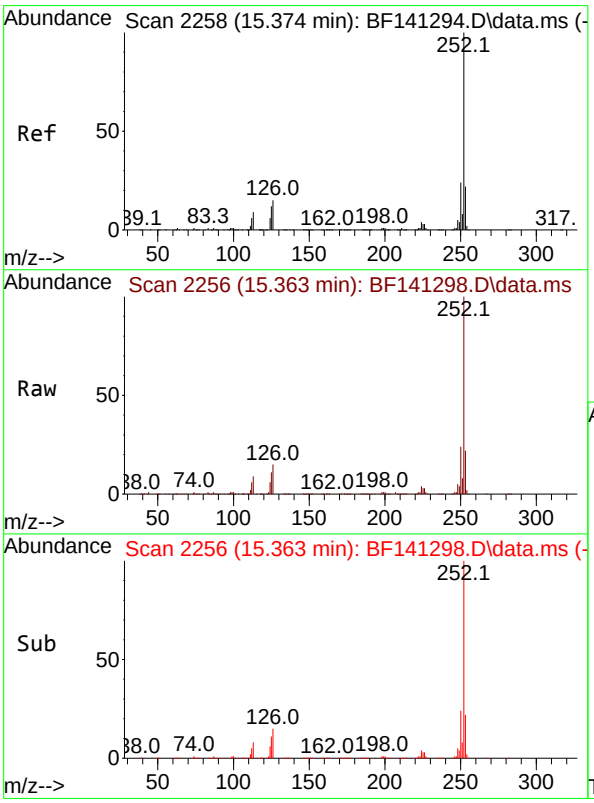
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations APPROVED

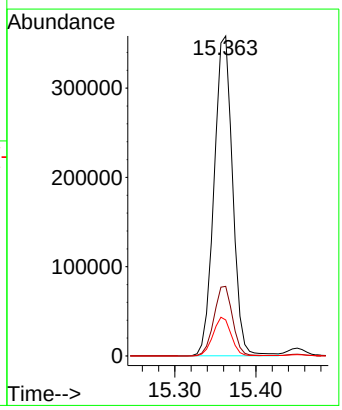
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025

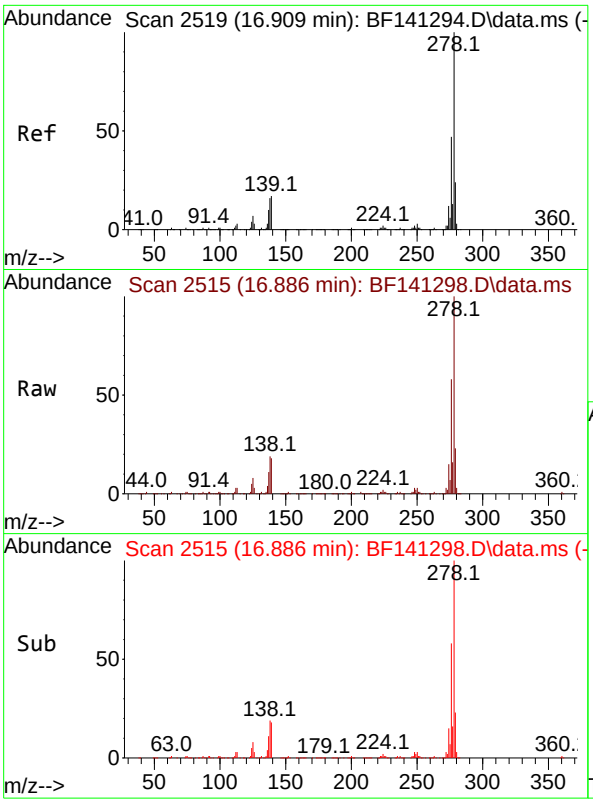


#90
Benzo(a)pyrene
Concen: 38.209 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 567574

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	9.4	14.2

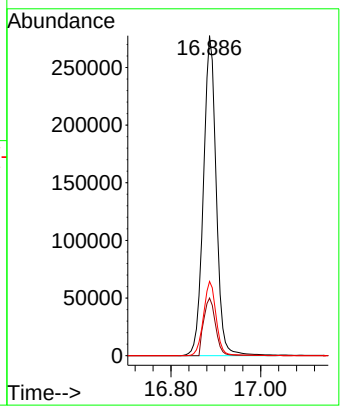




#91
Dibenzo(a,h)anthracene
Concen: 38.007 ng
RT: 16.886 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:278 Resp: 55153

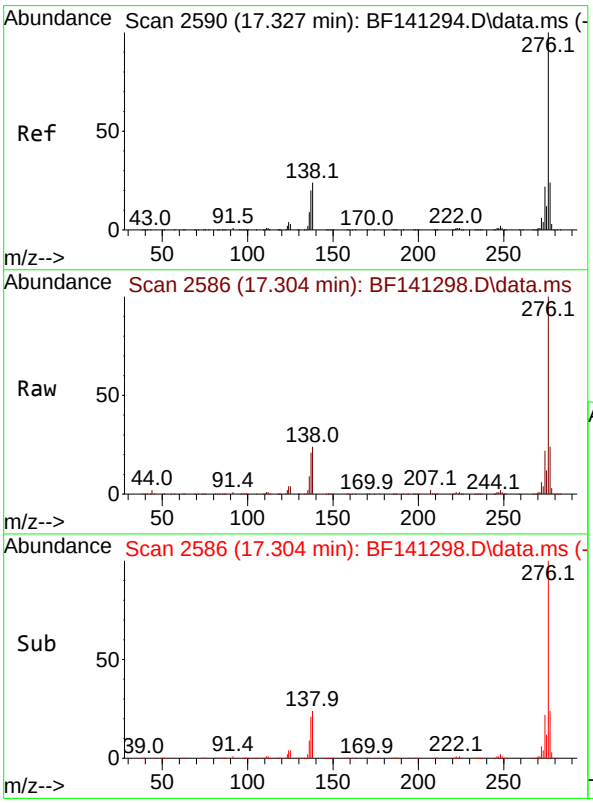
Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.9	20.9
279	23.2	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Manual Integrations
APPROVED

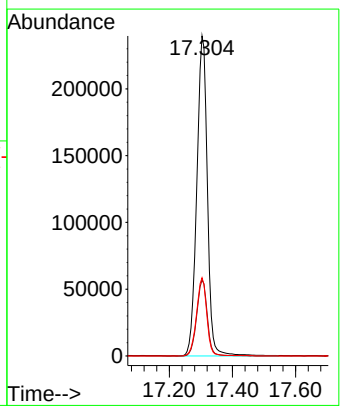
Reviewed By :Yogesh Patel 01/30/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 37.101 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:276 Resp: 559807

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.4	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	98	0.00
2		1,4-Dioxane	0.573	0.534	6.8	97	0.00
3		Pyridine	1.380	1.326	3.9	98	-0.01
4		n-Nitrosodimethylamine	0.789	0.749	5.1	97	-0.03
5	S	2-Fluorophenol	1.303	1.221	6.3	99	0.00
6		Aniline	1.403	1.383	1.4	99	0.00
7	S	Phenol-d6	1.657	1.546	6.7	99	-0.01
8		2-Chlorophenol	1.396	1.309	6.2	99	-0.01
9		Benzaldehyde	0.960	0.887	7.6	97	0.00
10	C	Phenol	1.757	1.664	5.3	99	-0.01
11		bis(2-Chloroethyl)ether	1.347	1.259	6.5	100	-0.01
12		1,3-Dichlorobenzene	1.540	1.435	6.8	98	0.00
13	C	1,4-Dichlorobenzene	1.547	1.465	5.3	100	0.00
14		1,2-Dichlorobenzene	1.448	1.348	6.9	98	0.00
15		Benzyl Alcohol	1.133	1.075	5.1	97	0.00
16		2,2'-oxybis(1-Chloropropane	2.342	2.204	5.9	98	0.00
17		2-Methylphenol	1.135	1.037	8.6	97	0.00
18		Hexachloroethane	0.571	0.543	4.9	100	0.00
19	P	n-Nitroso-di-n-propylamine	0.985	0.907	7.9	99	-0.02
20		3+4-Methylphenols	1.393	1.302	6.5	99	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	99	0.00
22		Acetophenone	0.475	0.436	8.2	99	0.00
23	S	Nitrobenzene-d5	0.379	0.359	5.3	100	0.00
24		Nitrobenzene	0.393	0.373	5.1	99	-0.01
25		Isophorone	0.656	0.614	6.4	99	0.00
26	C	2-Nitrophenol	0.185	0.177	4.3	99	0.00
27		2,4-Dimethylphenol	0.236	0.225	4.7	99	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.392	6.2	99	0.00
29	C	2,4-Dichlorophenol	0.289	0.272	5.9	99	0.00
30		1,2,4-Trichlorobenzene	0.330	0.301	8.8	98	0.00
31		Naphthalene	1.057	0.981	7.2	99	0.00
32		Benzoic acid	0.217	0.225	-3.7	101	-0.04
33		4-Chloroaniline	0.358	0.333	7.0	97	0.00
34	C	Hexachlorobutadiene	0.194	0.177	8.8	98	0.00
35		Caprolactam	0.094	0.089	5.3	99	-0.02
36	C	4-Chloro-3-methylphenol	0.310	0.290	6.5	100	0.00
37		2-Methylnaphthalene	0.672	0.619	7.9	98	0.00
38		1-Methylnaphthalene	0.660	0.620	6.1	101	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	0.569	0.530	6.9	98	0.00
41	P	Hexachlorocyclopentadiene	0.168	0.168	0.0	97	0.00
42	S	2,4,6-Tribromophenol	0.183	0.172	6.0	99	0.00
43	C	2,4,6-Trichlorophenol	0.372	0.360	3.2	98	0.00
44		2,4,5-Trichlorophenol	0.405	0.375	7.4	98	0.00
45	S	2-Fluorobiphenyl	1.299	1.185	8.8	99	0.00
46		1,1'-Biphenyl	1.560	1.447	7.2	98	0.00
47		2-Chloronaphthalene	1.216	1.120	7.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	0.382	0.363	5.0	99	0.00
49		Acenaphthylene	1.702	1.592	6.5	99	0.00
50		Dimethylphthalate	1.351	1.246	7.8	99	0.00
51		2,6-Dinitrotoluene	0.314	0.294	6.4	98	0.00
52	C	Acenaphthene	1.216	1.131	7.0	99	0.00
53		3-Nitroaniline	0.307	0.293	4.6	96	0.00
54	P	2,4-Dinitrophenol	0.146	0.145	0.7	97	-0.01
55		Dibenzofuran	1.627	1.506	7.4	98	0.00
56	P	4-Nitrophenol	0.225	0.220	2.2	97	-0.01
57		2,4-Dinitrotoluene	0.406	0.389	4.2	100	-0.01
58		Fluorene	1.262	1.150	8.9	97	0.00
59		2,3,4,6-Tetrachlorophenol	0.319	0.302	5.3	98	0.00
60		Diethylphthalate	1.310	1.222	6.7	99	0.00
61		4-Chlorophenyl-phenylether	0.617	0.558	9.6	97	0.00
62		4-Nitroaniline	0.302	0.285	5.6	97	-0.01
63		Azobenzene	1.311	1.213	7.5	98	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	0.118	0.124	-5.1	97	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.627	3.1	98	0.00
67		4-Bromophenyl-phenylether	0.224	0.221	1.3	100	0.00
68		Hexachlorobenzene	0.238	0.231	2.9	99	0.00
69		Atrazine	0.216	0.212	1.9	98	0.00
70	C	Pentachlorophenol	0.139	0.142	-2.2	98	0.00
71		Phenanthrene	1.075	1.024	4.7	98	0.00
72		Anthracene	1.053	1.013	3.8	99	0.00
73		Carbazole	0.934	0.903	3.3	99	0.00
74		Di-n-butylphthalate	1.132	1.093	3.4	99	0.00
75	C	Fluoranthene	1.062	1.002	5.6	97	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	99	0.00
77		Benzidine	0.641	0.788	-22.9	106	0.00
78		Pyrene	1.920	1.739	9.4	98	0.00
79	S	Terphenyl-d14	1.297	1.175	9.4	98	0.00
80		Butylbenzylphthalate	0.671	0.631	6.0	100	0.00
81		Benzo(a)anthracene	1.380	1.228	11.0	95	0.00
82		3,3'-Dichlorobenzidine	0.439	0.425	3.2	100	0.00
83		Chrysene	1.265	1.186	6.2	103	0.00
84		Bis(2-ethylhexyl)phthalate	0.851	0.779	8.5	98	0.00
85	c	Di-n-octyl phthalate	1.321	1.249	5.5	100	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	100	-0.02
87		Indeno(1,2,3-cd)pyrene	1.291	1.214	6.0	97	-0.03
88		Benzo(b)fluoranthene	1.258	1.222	2.9	109	-0.02
89		Benzo(k)fluoranthene	1.114	0.997	10.5	92	-0.02
90	C	Benzo(a)pyrene	1.063	1.016	4.4	100	-0.02
91		Dibenzo(a,h)anthracene	1.039	0.987	5.0	97	-0.04
92		Benzo(g,h,i)perylene	1.080	1.002	7.2	96	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	98	0.00
2		1,4-Dioxane	40.000	37.296	6.8	97	0.00
3		Pyridine	40.000	38.413	4.0	98	-0.01
4		n-Nitrosodimethylamine	40.000	37.977	5.1	97	-0.03
5	S	2-Fluorophenol	80.000	74.963	6.3	99	0.00
6		Aniline	40.000	39.437	1.4	99	0.00
7	S	Phenol-d6	80.000	74.641	6.7	99	-0.01
8		2-Chlorophenol	40.000	37.505	6.2	99	-0.01
9		Benzaldehyde	40.000	36.965	7.6	97	0.00
10	C	Phenol	40.000	37.888	5.3	99	-0.01
11		bis(2-Chloroethyl)ether	40.000	37.387	6.5	100	-0.01
12		1,3-Dichlorobenzene	40.000	37.288	6.8	98	0.00
13	C	1,4-Dichlorobenzene	40.000	37.885	5.3	100	0.00
14		1,2-Dichlorobenzene	40.000	37.241	6.9	98	0.00
15		Benzyl Alcohol	40.000	37.952	5.1	97	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.636	5.9	98	0.00
17		2-Methylphenol	40.000	36.544	8.6	97	0.00
18		Hexachloroethane	40.000	38.094	4.8	100	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.848	7.9	99	-0.02
20		3+4-Methylphenols	40.000	37.364	6.6	99	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	99	0.00
22		Acetophenone	40.000	36.717	8.2	99	0.00
23	S	Nitrobenzene-d5	80.000	75.630	5.5	100	0.00
24		Nitrobenzene	40.000	37.927	5.2	99	-0.01
25		Isophorone	40.000	37.439	6.4	99	0.00
26	C	2-Nitrophenol	40.000	38.289	4.3	99	0.00
27		2,4-Dimethylphenol	40.000	38.055	4.9	99	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.460	6.3	99	0.00
29	C	2,4-Dichlorophenol	40.000	37.675	5.8	99	0.00
30		1,2,4-Trichlorobenzene	40.000	36.488	8.8	98	0.00
31		Naphthalene	40.000	37.128	7.2	99	0.00
32		Benzoic acid	40.000	41.534	-3.8	101	-0.04
33		4-Chloroaniline	40.000	37.214	7.0	97	0.00
34	C	Hexachlorobutadiene	40.000	36.676	8.3	98	0.00
35		Caprolactam	40.000	37.662	5.8	99	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.480	6.3	100	0.00
37		2-Methylnaphthalene	40.000	36.898	7.8	98	0.00
38		1-Methylnaphthalene	40.000	37.570	6.1	101	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	99	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.226	6.9	98	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.961	0.1	97	0.00
42	S	2,4,6-Tribromophenol	80.000	75.161	6.0	99	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.625	3.4	98	0.00
44		2,4,5-Trichlorophenol	40.000	36.969	7.6	98	0.00
45	S	2-Fluorobiphenyl	80.000	72.938	8.8	99	0.00
46		1,1'-Biphenyl	40.000	37.111	7.2	98	0.00
47		2-Chloronaphthalene	40.000	36.837	7.9	99	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	37.970	5.1	99	0.00
49		Acenaphthylene	40.000	37.416	6.5	99	0.00
50		Dimethylphthalate	40.000	36.904	7.7	99	0.00
51		2,6-Dinitrotoluene	40.000	37.459	6.4	98	0.00
52	C	Acenaphthene	40.000	37.206	7.0	99	0.00
53		3-Nitroaniline	40.000	38.150	4.6	96	0.00
54	P	2,4-Dinitrophenol	40.000	39.734	0.7	97	-0.01
55		Dibenzofuran	40.000	37.012	7.5	98	0.00
56	P	4-Nitrophenol	40.000	39.089	2.3	97	-0.01
57		2,4-Dinitrotoluene	40.000	38.327	4.2	100	-0.01
58		Fluorene	40.000	36.451	8.9	97	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	37.902	5.2	98	0.00
60		Diethylphthalate	40.000	37.316	6.7	99	0.00
61		4-Chlorophenyl-phenylether	40.000	36.180	9.6	97	0.00
62		4-Nitroaniline	40.000	37.665	5.8	97	-0.01
63		Azobenzene	40.000	37.020	7.4	98	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.913	-4.8	97	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.757	3.1	98	0.00
67		4-Bromophenyl-phenylether	40.000	39.477	1.3	100	0.00
68		Hexachlorobenzene	40.000	38.929	2.7	99	0.00
69		Atrazine	40.000	39.215	2.0	98	0.00
70	C	Pentachlorophenol	40.000	40.973	-2.4	98	0.00
71		Phenanthrene	40.000	38.117	4.7	98	0.00
72		Anthracene	40.000	38.484	3.8	99	0.00
73		Carbazole	40.000	38.661	3.3	99	0.00
74		Di-n-butylphthalate	40.000	38.639	3.4	99	0.00
75	C	Fluoranthene	40.000	37.768	5.6	97	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	99	0.00
77		Benzidine	40.000	49.142	-22.9	106	0.00
78		Pyrene	40.000	36.225	9.4	98	0.00
79	S	Terphenyl-d14	80.000	72.460	9.4	98	0.00
80		Butylbenzylphthalate	40.000	37.660	5.9	100	0.00
81		Benzo(a)anthracene	40.000	35.587	11.0	95	0.00
82		3,3'-Dichlorobenzidine	40.000	38.774	3.1	100	0.00
83		Chrysene	40.000	37.508	6.2	103	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	36.620	8.5	98	0.00
85	c	Di-n-octyl phthalate	40.000	37.807	5.5	100	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	100	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	37.626	5.9	97	-0.03
88		Benzo(b)fluoranthene	40.000	38.861	2.8	109	-0.02
89		Benzo(k)fluoranthene	40.000	35.766	10.6	92	-0.02
90	C	Benzo(a)pyrene	40.000	38.209	4.5	100	-0.02
91		Dibenzo(a,h)anthracene	40.000	38.007	5.0	97	-0.04
92		Benzo(g,h,i)perylene	40.000	37.101	7.2	96	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 09:22

Lab File ID: BF141319.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.303	1.183		-9.2	
Benzaldehyde	0.960	0.896		-6.7	
Phenol-d6	1.657	1.527		-7.8	
Phenol	1.757	1.628		-7.3	20.0
bis(2-Chloroethyl)ether	1.347	1.232		-8.5	
2-Chlorophenol	1.396	1.292		-7.4	
2-Methylphenol	1.135	1.020		-10.1	
2,2-oxybis(1-Chloropropane)	2.342	2.159		-7.8	
Acetophenone	0.475	0.424		-10.7	
3+4-Methylphenols	1.393	1.273		-8.6	
n-Nitroso-di-n-propylamine	0.985	0.876	0.050	-11.1	
Nitrobenzene-d5	0.379	0.350		-7.7	
Hexachloroethane	0.571	0.523		-8.4	
Nitrobenzene	0.393	0.364		-7.4	
Isophorone	0.656	0.608		-7.3	
2-Nitrophenol	0.185	0.177		-4.3	20.0
2,4-Dimethylphenol	0.236	0.221		-6.4	
bis(2-Chloroethoxy)methane	0.418	0.386		-7.7	
2,4-Dichlorophenol	0.289	0.266		-8.0	20.0
Naphthalene	1.057	0.961		-9.1	
4-Chloroaniline	0.358	0.328		-8.4	
Hexachlorobutadiene	0.194	0.178		-8.2	20.0
Caprolactam	0.094	0.089		-5.3	
4-Chloro-3-methylphenol	0.310	0.288		-7.1	20.0
2-Methylnaphthalene	0.672	0.609		-9.4	
Hexachlorocyclopentadiene	0.168	0.166	0.050	-1.2	
2,4,6-Trichlorophenol	0.372	0.349		-6.2	20.0
2-Fluorobiphenyl	1.299	1.133		-12.8	
2,4,5-Trichlorophenol	0.405	0.372		-8.1	
1,1-Biphenyl	1.560	1.404		-10.0	
2-Chloronaphthalene	1.216	1.090		-10.4	
2-Nitroaniline	0.382	0.366		-4.2	
Dimethylphthalate	1.351	1.236		-8.5	
Acenaphthylene	1.702	1.534		-9.9	
2,6-Dinitrotoluene	0.314	0.294		-6.4	
3-Nitroaniline	0.307	0.294		-4.2	
Acenaphthene	1.216	1.118		-8.1	20.0
2,4-Dinitrophenol	0.146	0.150	0.050	2.7	
4-Nitrophenol	0.225	0.224	0.050	-0.4	

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 09:22

Lab File ID: BF141319.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.627	1.479		-9.1	
2,4-Dinitrotoluene	0.406	0.387		-4.7	
Diethylphthalate	1.310	1.219		-6.9	
4-Chlorophenyl-phenylether	0.617	0.557		-9.7	
Fluorene	1.262	1.132		-10.3	
4-Nitroaniline	0.302	0.290		-4.0	
4,6-Dinitro-2-methylphenol	0.118	0.127		7.6	
n-Nitrosodiphenylamine	0.647	0.604		-6.6	20.0
2,4,6-Tribromophenol	0.183	0.174		-4.9	
4-Bromophenyl-phenylether	0.224	0.211		-5.8	
Hexachlorobenzene	0.238	0.223		-6.3	
Atrazine	0.216	0.191		-11.6	
Pentachlorophenol	0.139	0.147		5.8	20.0
Phenanthrene	1.075	1.004		-6.6	
Anthracene	1.053	0.995		-5.5	
Carbazole	0.934	0.888		-4.9	
Di-n-butylphthalate	1.132	1.107		-2.2	
Fluoranthene	1.062	1.043		-1.8	20.0
Pyrene	1.920	1.696		-11.7	
Terphenyl-d14	1.297	1.140		-12.1	
Butylbenzylphthalate	0.671	0.651		-3.0	
3,3-Dichlorobenzidine	0.439	0.391		-10.9	
Benzo(a)anthracene	1.380	1.169		-15.3	
Chrysene	1.265	1.156		-8.6	
Bis(2-ethylhexyl)phthalate	0.851	0.825		-3.1	
Di-n-octyl phthalate	1.321	1.276		-3.4	20.0
Benzo(b)fluoranthene	1.258	1.159		-7.9	
Benzo(k)fluoranthene	1.114	1.106		-0.7	
Benzo(a)pyrene	1.063	1.002		-5.7	20.0
Indeno(1,2,3-cd)pyrene	1.291	1.233		-4.5	
Dibenzo(a,h)anthracene	1.039	0.988		-4.9	
Benzo(g,h,i)perylene	1.080	1.035		-4.2	
1,2,4,5-Tetrachlorobenzene	0.569	0.519		-8.8	
1,4-Dioxane	0.573	0.525		-8.4	20.0
2,3,4,6-Tetrachlorophenol	0.319	0.309		-3.1	

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597989	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319509	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	533134	20.000	ng	0.00
76) Chrysene-d12	13.968	240	330369	20.000	ng	0.00
86) Perylene-d12	15.421	264	300994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	727699	72.646	ng	0.00
7) Phenol-d6	6.428	99	939281	73.709	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838341	73.905	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	222491	75.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1447765	69.744	ng	0.00
79) Terphenyl-d14	12.916	244	1506599	70.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	161539	36.668	ng	100
3) Pyridine	3.210	79	407942	38.432	ng	100
4) n-Nitrosodimethylamine	3.169	42	229431	37.837	ng	100
6) Aniline	6.463	93	412360	38.228	ng	99
8) 2-Chlorophenol	6.581	128	397525	37.025	ng	99
9) Benzaldehyde	6.345	77	275501	37.325	ng	99
10) Phenol	6.439	94	500772	37.071	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	379050	36.597	ng	99
12) 1,3-Dichlorobenzene	6.739	146	432517	36.536	ng	99
13) 1,4-Dichlorobenzene	6.816	146	436984	36.744	ng	98
14) 1,2-Dichlorobenzene	6.969	146	401611	36.064	ng	99
15) Benzyl Alcohol	6.939	79	324647	37.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	664022	36.868	ng	100
17) 2-Methylphenol	7.051	107	313777	35.959	ng	99
18) Hexachloroethane	7.310	117	160992	36.695	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	269514	35.594	ng	98
20) 3+4-Methylphenols	7.204	107	391525	36.543	ng	97
22) Acetophenone	7.210	105	507679	35.716	ng	98
24) Nitrobenzene	7.381	77	435929	37.084	ng	100
25) Isophorone	7.622	82	727240	37.088	ng	99
26) 2-Nitrophenol	7.698	139	211813	38.206	ng	100
27) 2,4-Dimethylphenol	7.734	122	264066m	37.421	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	461125	36.868	ng	100
29) 2,4-Dichlorophenol	7.939	162	318650	36.886	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	358109	36.298	ng	100
31) Naphthalene	8.104	128	1149392	36.385	ng	100
32) Benzoic acid	7.851	122	268867	41.447	ng	99
33) 4-Chloroaniline	8.151	127	392588	36.648	ng	99
34) Hexachlorobutadiene	8.222	225	212997	36.815	ng	99
35) Caprolactam	8.522	113	106833	37.866	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	344864	37.217	ng	98
37) 2-Methylnaphthalene	8.792	142	728000	36.258	ng	99
38) 1-Methylnaphthalene	8.892	142	710737	36.036	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	331758	36.498	ng	100
41) Hexachlorocyclopentadiene	8.945	237	106090	39.520	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	223224	37.520	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	237426	36.666	ng	99
46) 1,1'-Biphenyl	9.257	154	897425	36.015	ng	100
47) 2-Chloronaphthalene	9.281	162	696645	35.869	ng	99
48) 2-Nitroaniline	9.380	65	233710	38.256	ng	98
49) Acenaphthylene	9.698	152	980054	36.048	ng	99
50) Dimethylphthalate	9.563	163	789847	36.602	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188139	37.549	ng	99
52) Acenaphthene	9.875	154	714359	36.779	ng	100
53) 3-Nitroaniline	9.792	138	187747	38.231	ng	100
54) 2,4-Dinitrophenol	9.898	184	95612	41.050	ng	99
55) Dibenzofuran	10.045	168	945339	36.361	ng	100
56) 4-Nitrophenol	9.945	139	142865	39.779	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247489	38.150	ng	99
58) Fluorene	10.386	166	723204	35.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	197432	38.756	ng	99
60) Diethylphthalate	10.263	149	779087	37.235	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	356042	36.144	ng	99
62) 4-Nitroaniline	10.404	138	185062	38.331	ng	99
63) Azobenzene	10.539	77	778507	37.170	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	135268	42.895	ng	99
66) n-Nitrosodiphenylamine	10.498	169	643501	37.318	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	224498	37.613	ng	99
68) Hexachlorobenzene	10.933	284	237426	37.501	ng	100
69) Atrazine	11.027	200	203394	35.279	ng	98
70) Pentachlorophenol	11.127	266	157156	42.389	ng	99
71) Phenanthrene	11.351	178	1070271	37.346	ng	100
72) Anthracene	11.404	178	1060701	37.774	ng	100
73) Carbazole	11.557	167	947189	38.041	ng	99
74) Di-n-butylphthalate	11.892	149	1180612	39.126	ng	100
75) Fluoranthene	12.539	202	1112201	39.305	ng	100
77) Benzidine	12.663	184	508814	48.042	ng	99
78) Pyrene	12.769	202	1120815	35.343	ng	99
80) Butylbenzylphthalate	13.392	149	430451	38.853	ng	99
81) Benzo(a)anthracene	13.957	228	772115	33.869	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	258352	35.631	ng	100
83) Chrysene	13.992	228	763560	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	545048	38.782	ng	99
85) Di-n-octyl phthalate	14.568	149	843000	38.619	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	742134	38.201	ng	100
88) Benzo(b)fluoranthene	15.004	252	697649	36.848	ng	100
89) Benzo(k)fluoranthene	15.033	252	665836	39.698	ng	100
90) Benzo(a)pyrene	15.362	252	602926	37.684	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	594869	38.060	ng	99
92) Benzo(g,h,i)perylene	17.309	276	622871	38.327	ng	99

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

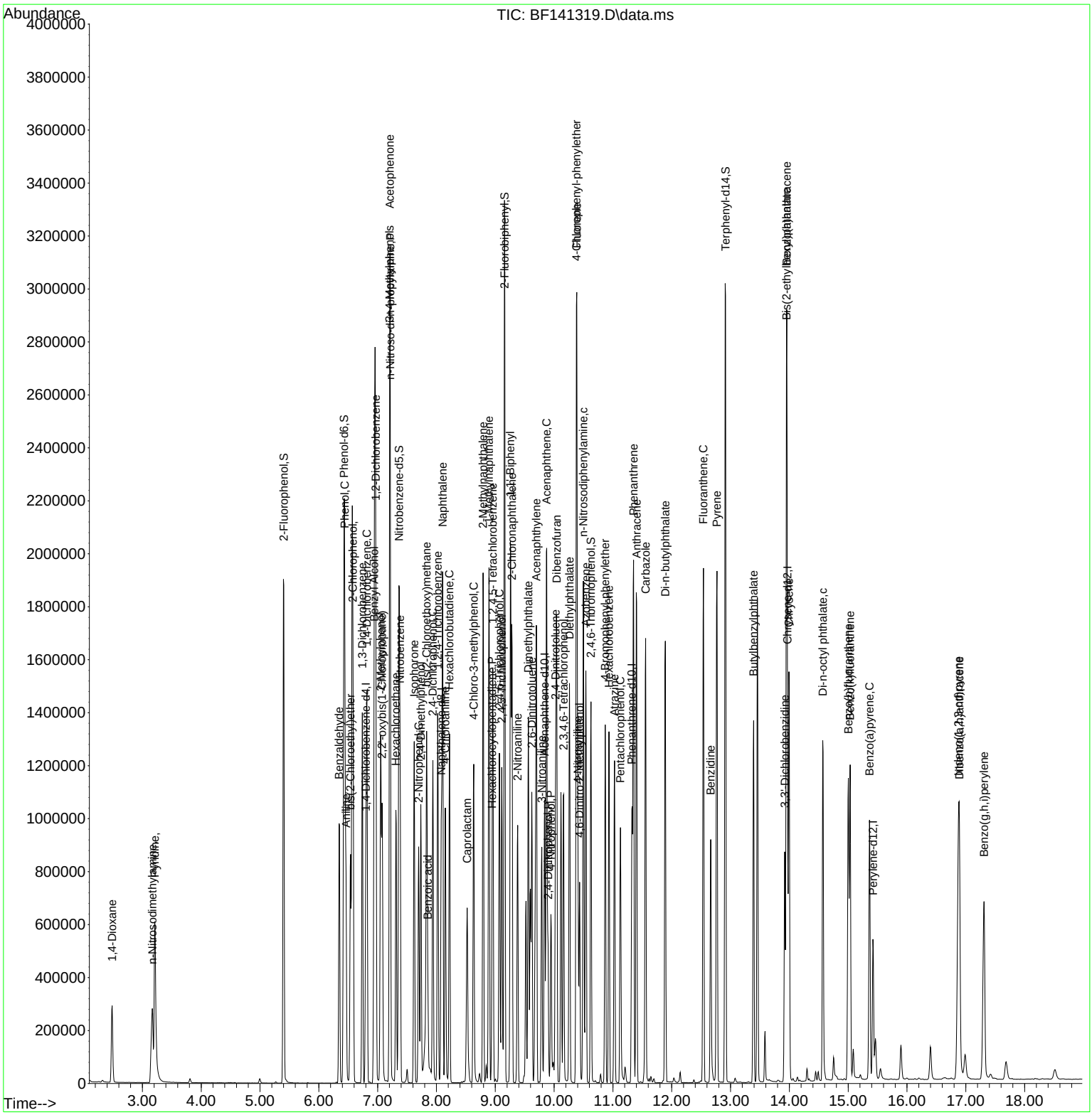
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Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

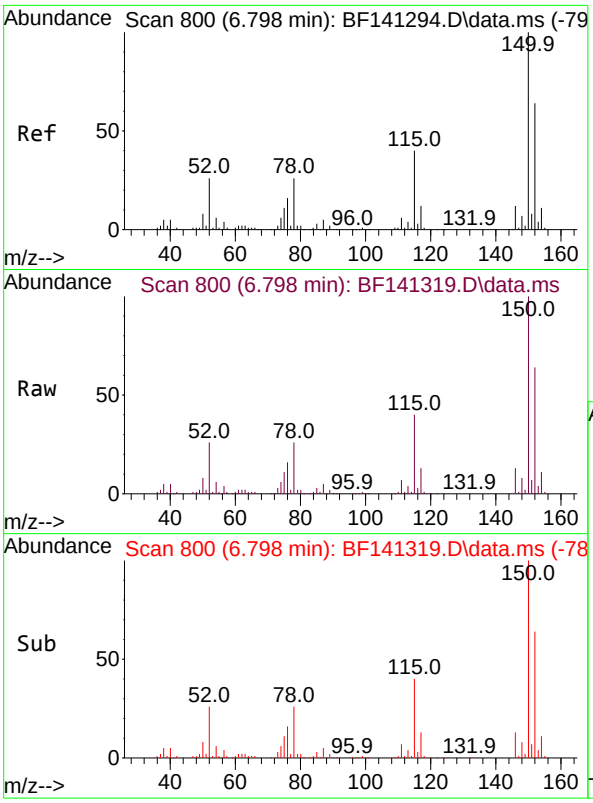
Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

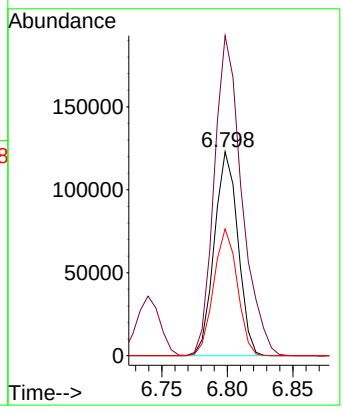




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:152 Resp: 15378

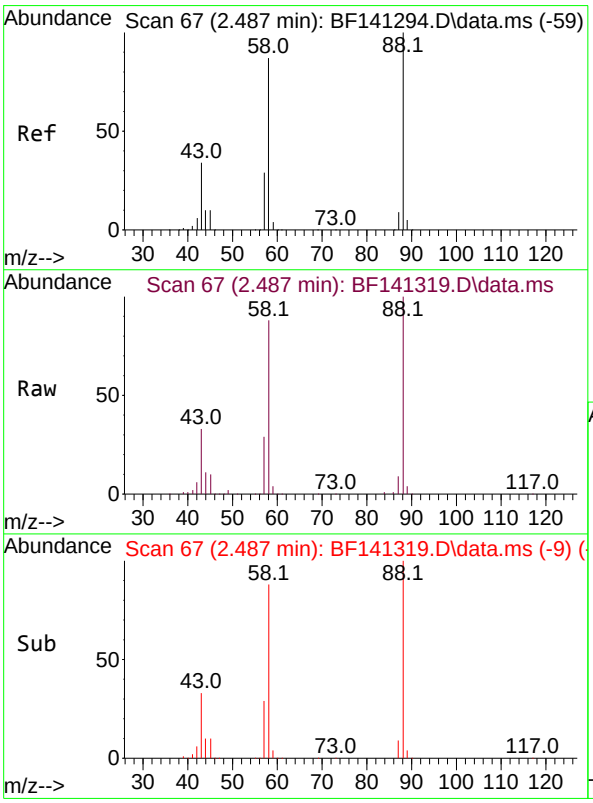
Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	62.2	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

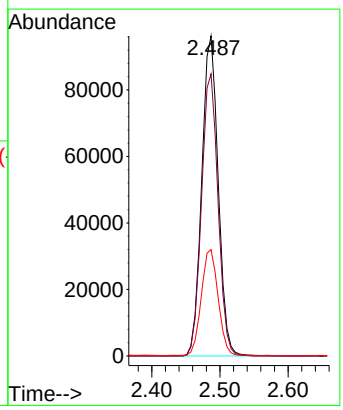
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

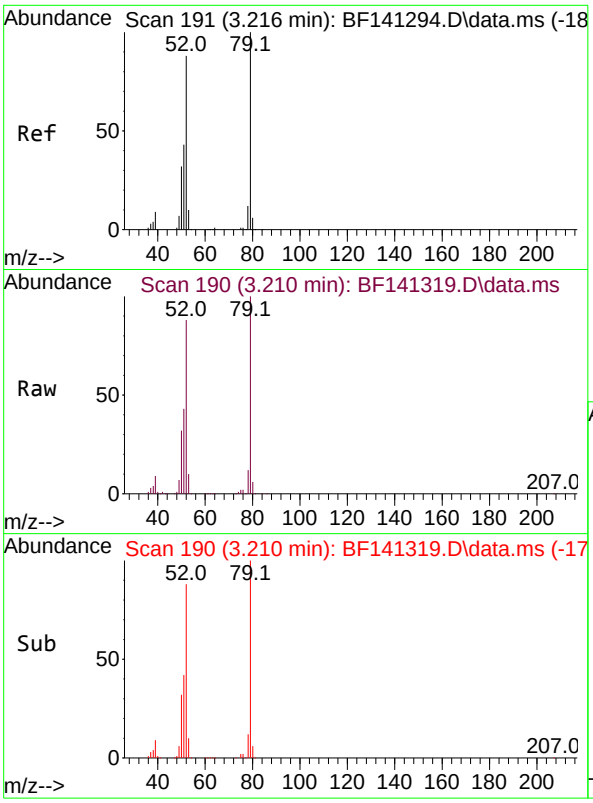


#2
1,4-Dioxane
Concen: 36.668 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 88 Resp: 161539

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.4
43	34.3	27.6	41.4

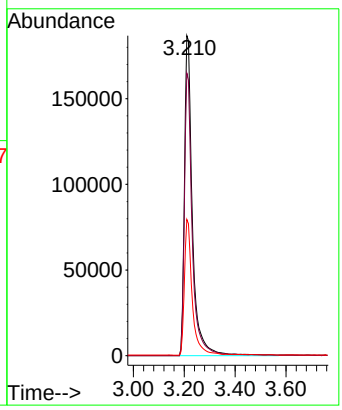




#3
Pyridine
Concen: 38.432 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 79 Resp: 40794

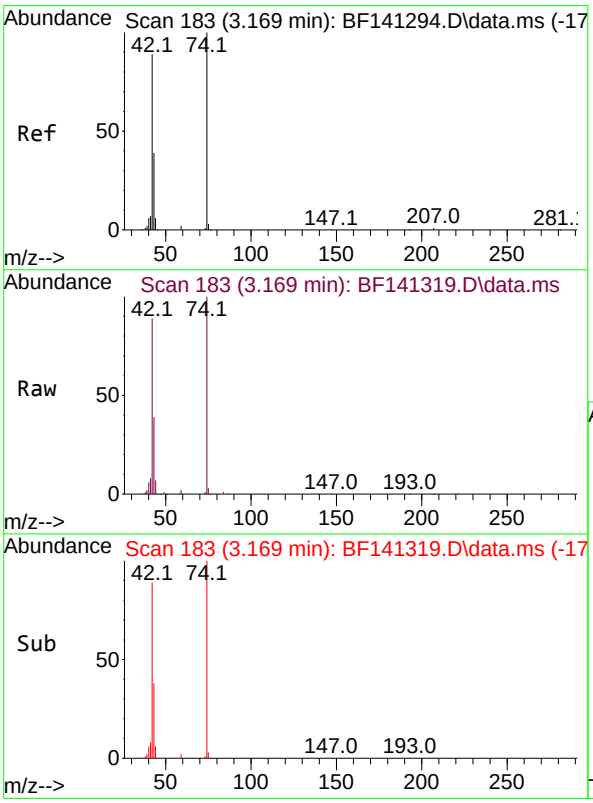
Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.3	105.5
51	42.5	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

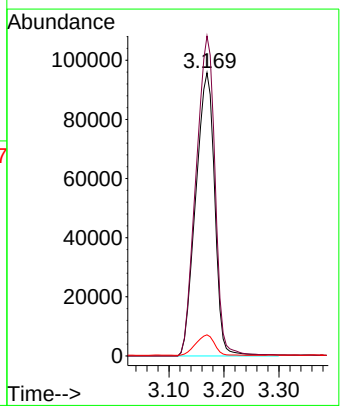
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

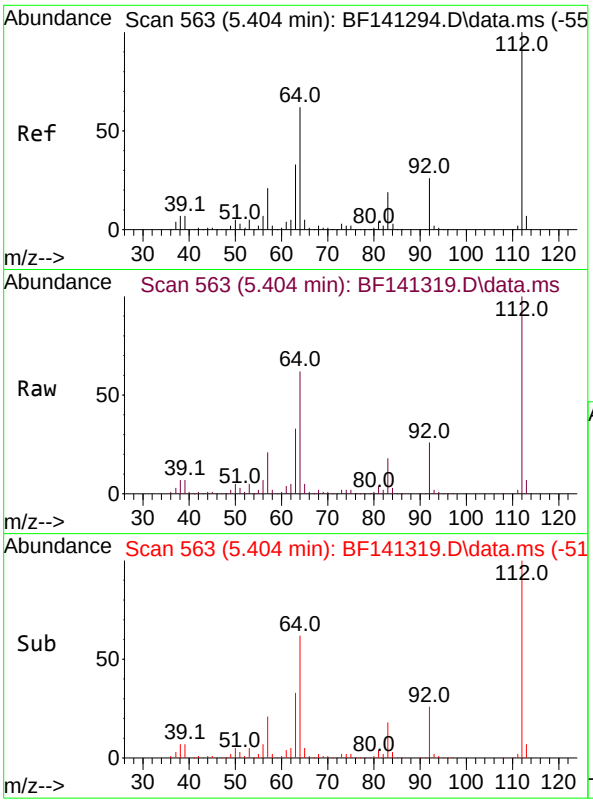


#4
n-Nitrosodimethylamine
Concen: 37.837 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 42 Resp: 229431

Ion	Ratio	Lower	Upper
42	100		
74	113.0	90.3	135.5
44	7.5	5.7	8.5

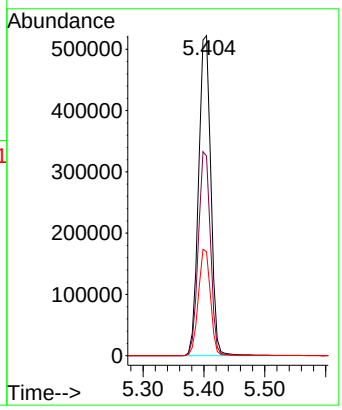




#5
2-Fluorophenol
Concen: 72.646 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:112 Resp: 72769

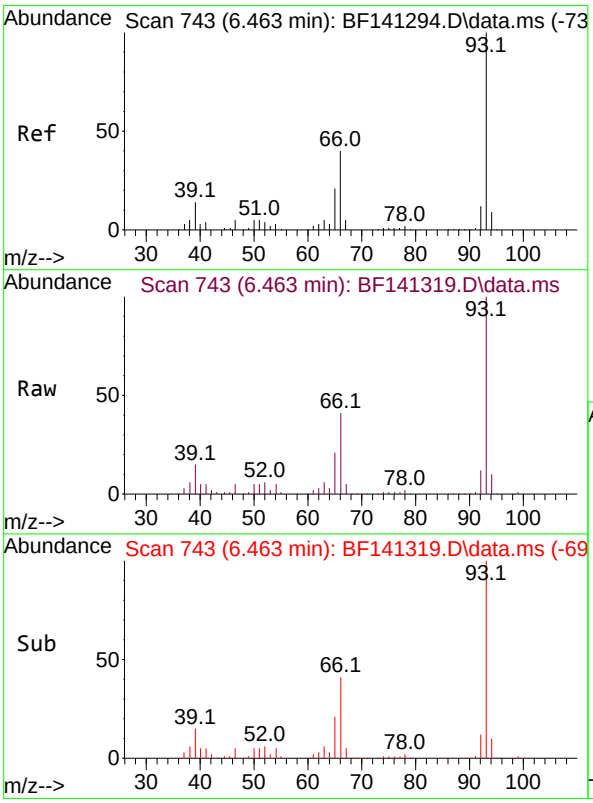
Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.8	74.8
63	32.5	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

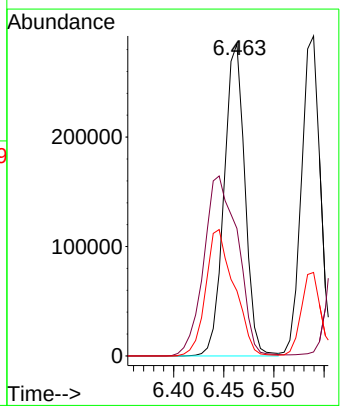
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

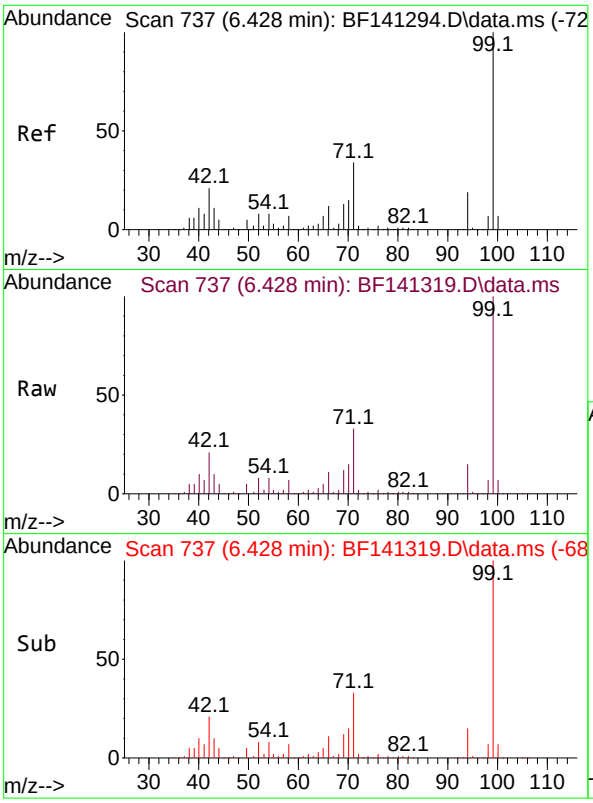


#6
Aniline
Concen: 38.228 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 93 Resp: 412360

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.5	48.7
65	20.9	17.0	25.6

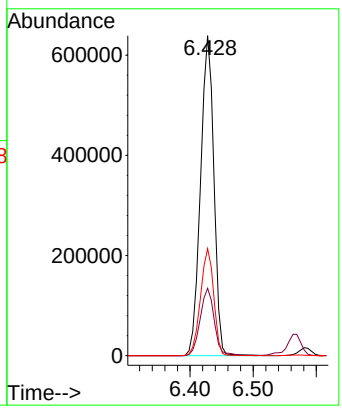




#7
Phenol-d6
Concen: 73.709 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 99 Resp: 93928

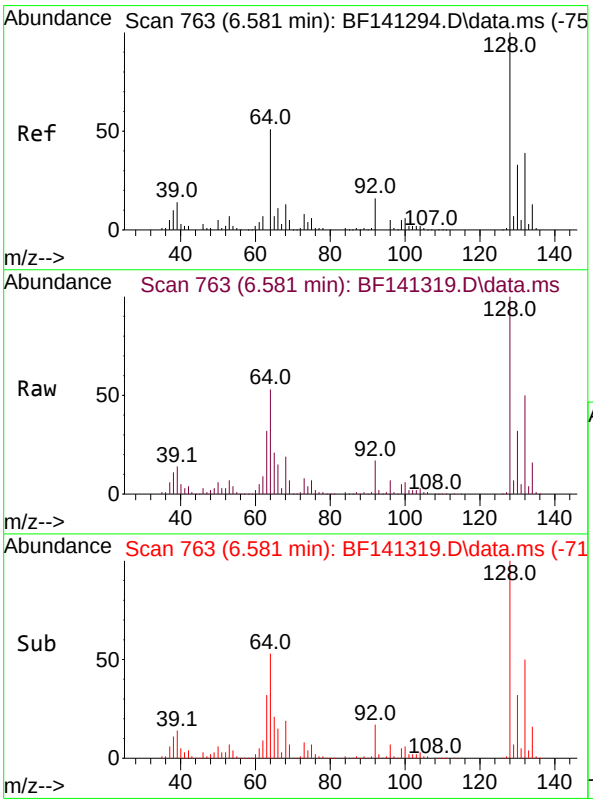
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	33.4	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

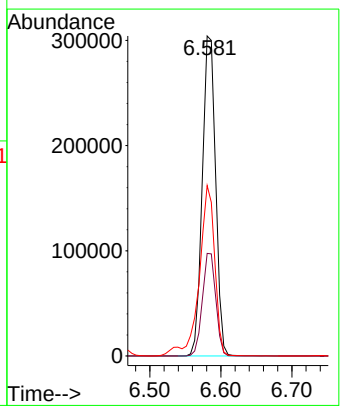
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

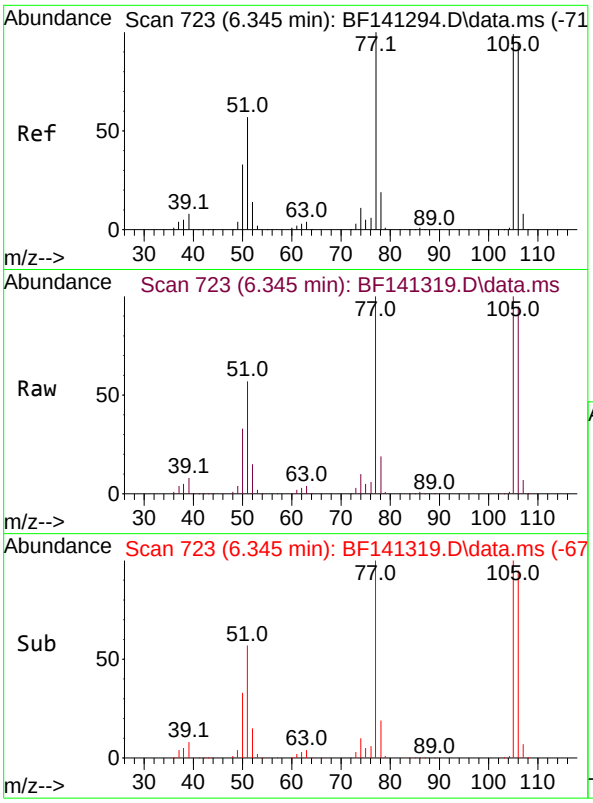


#8
2-Chlorophenol
Concen: 37.025 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:128 Resp: 397525

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	53.2	32.9	72.9

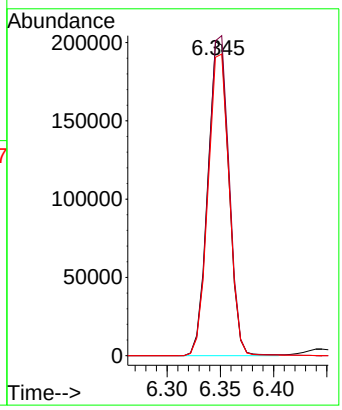




#9
Benzaldehyde
Concen: 37.325 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 77 Resp: 27550

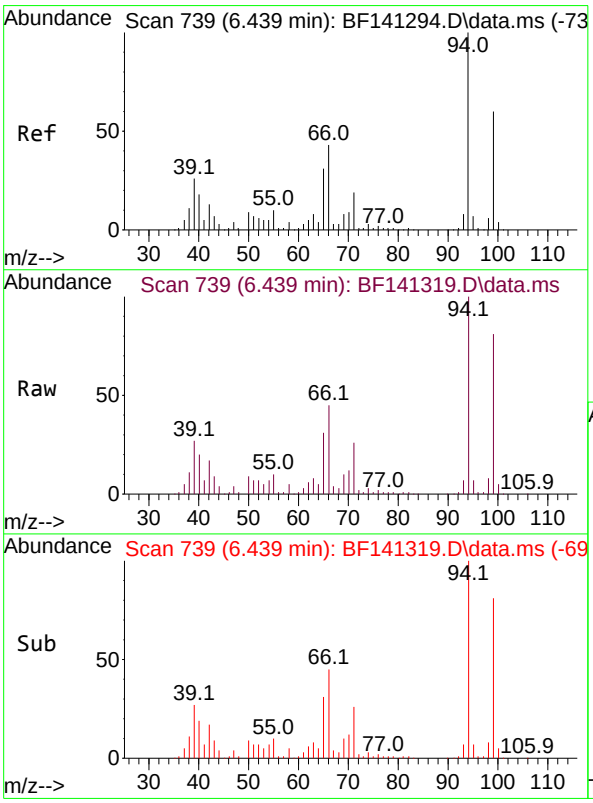
Ion	Ratio	Lower	Upper
77	100		
105	100.4	79.4	119.4
106	95.1	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

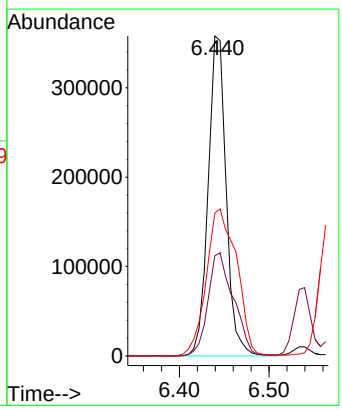
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

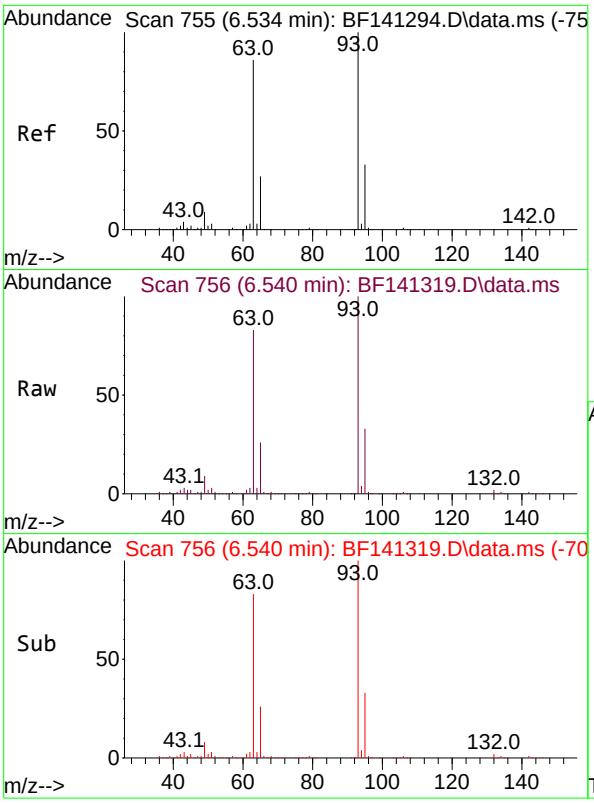


#10
Phenol
Concen: 37.071 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 94 Resp: 500772

Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.8	50.8
66	44.7	23.3	63.3





#11
bis(2-Chloroethyl)ether
Concen: 36.597 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

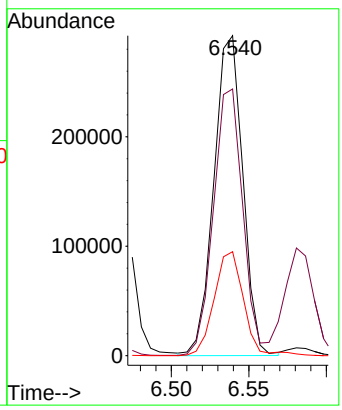
Tgt Ion: 93 Resp: 37905

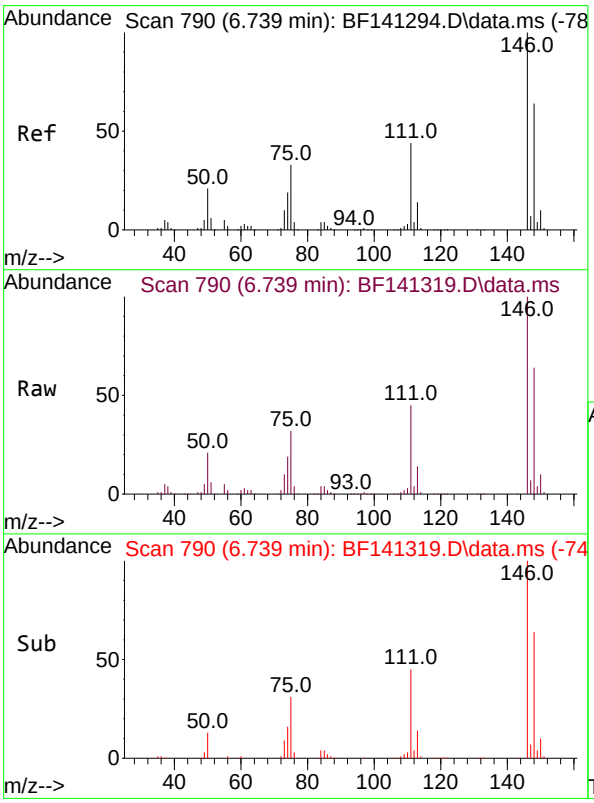
Ion	Ratio	Lower	Upper
93	100		
63	83.3	65.0	105.0
95	32.5	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

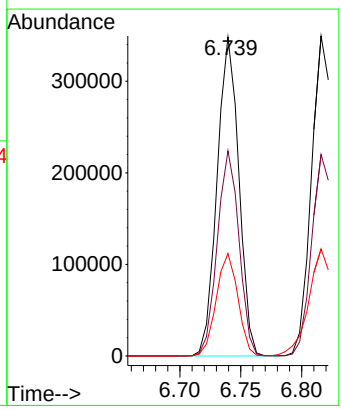


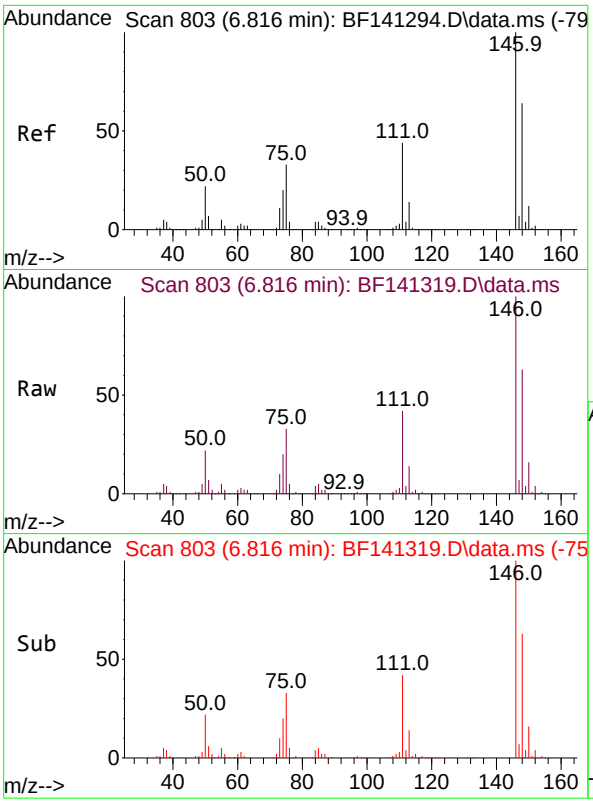


#12
1,3-Dichlorobenzene
Concen: 36.536 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 432517

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.1	26.2	39.4

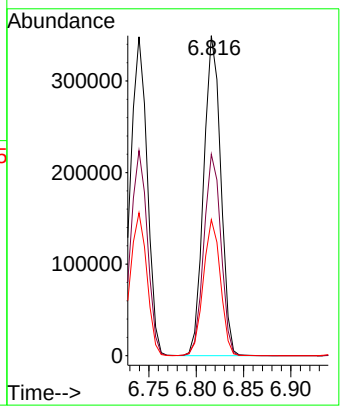




#13
1,4-Dichlorobenzene
Concen: 36.744 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 43698

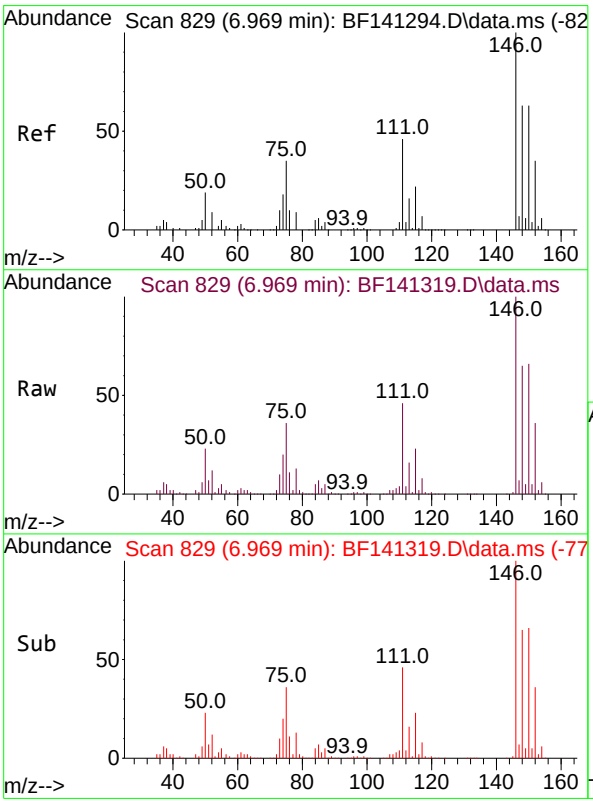
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	42.5	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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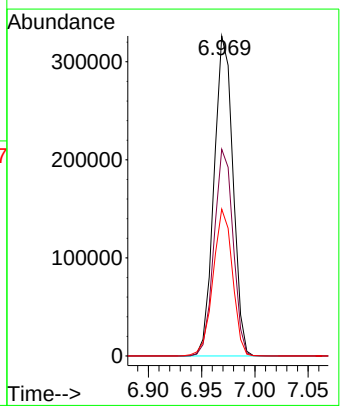
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

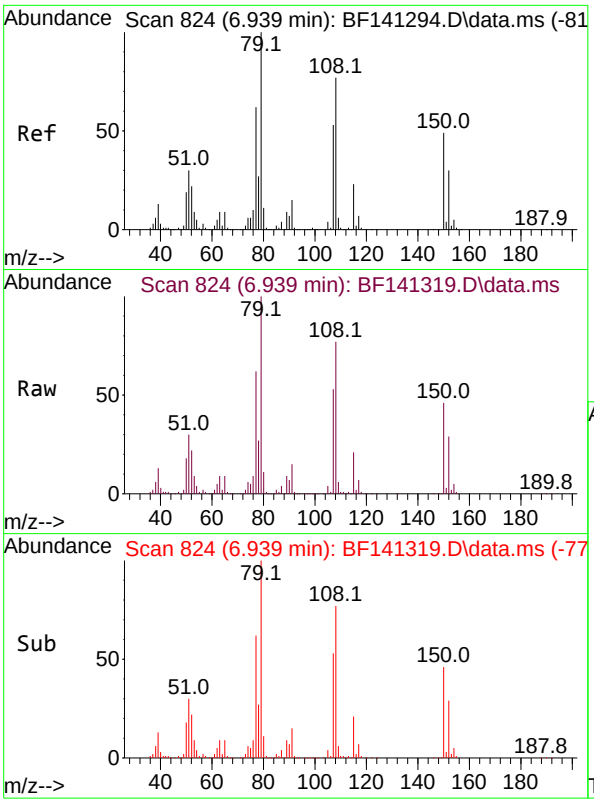


#14
1,2-Dichlorobenzene
Concen: 36.064 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 401611

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	45.9	36.6	55.0





#15
Benzyl Alcohol
Concen: 37.279 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

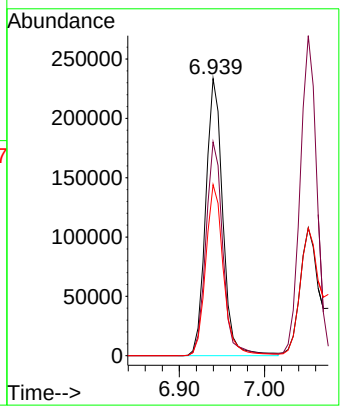
Tgt Ion: 79 Resp: 32464

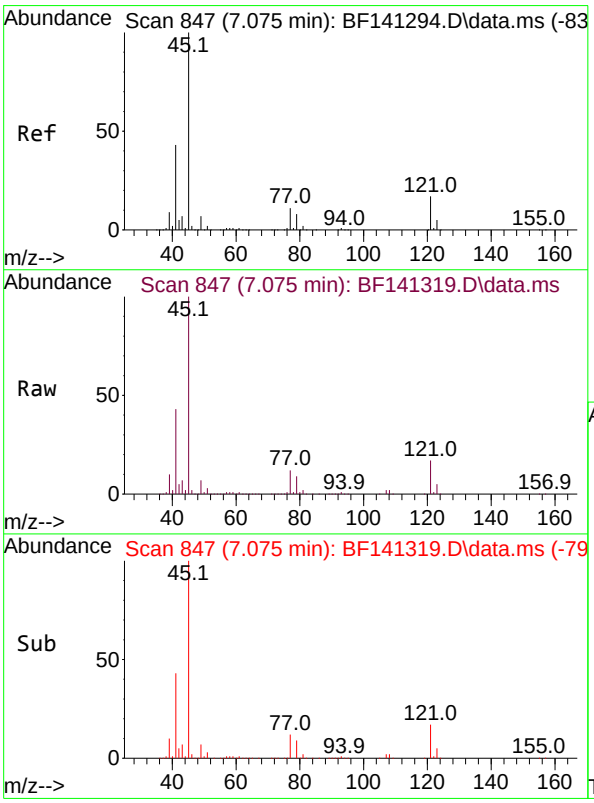
Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	61.7	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

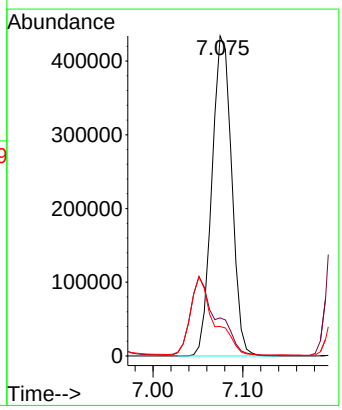


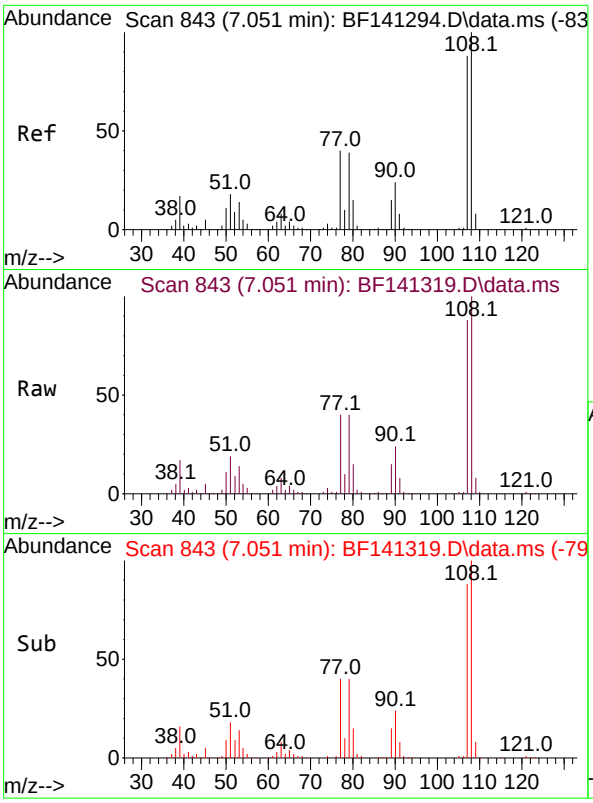


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.868 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 45 Resp: 664022

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	9.2	0.0	29.1

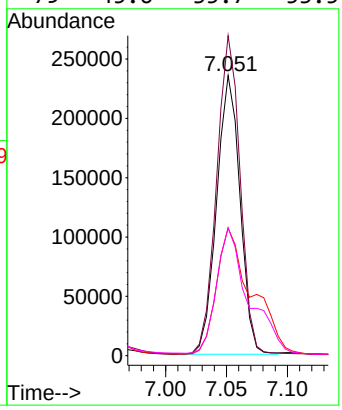




#17
2-Methylphenol
Concen: 35.959 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 31377

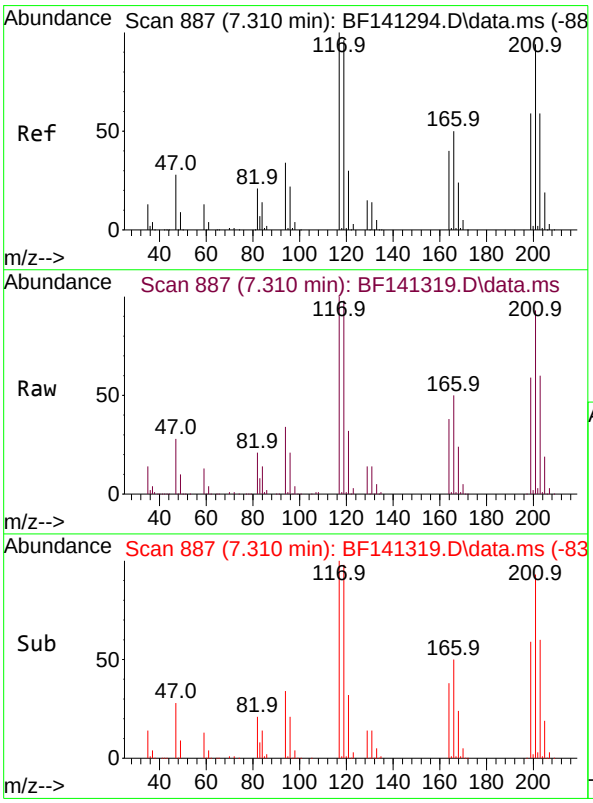
Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.8	136.2
77	45.6	36.2	54.4
79	45.6	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

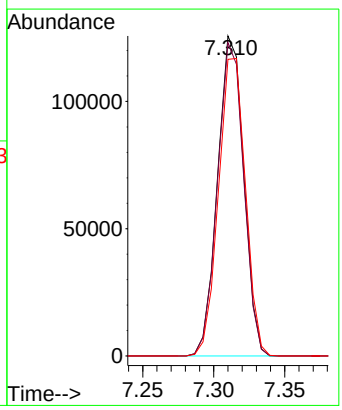
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

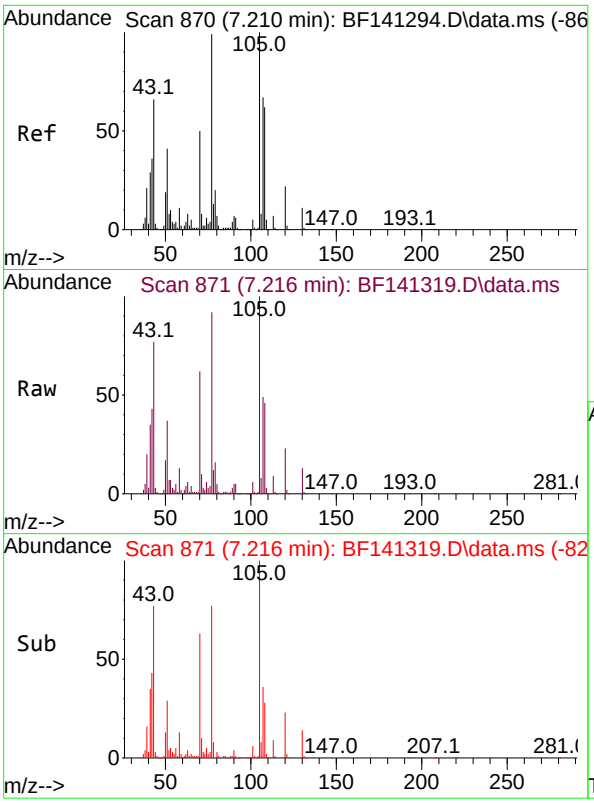


#18
Hexachloroethane
Concen: 36.695 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:117 Resp: 160992

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
201	92.7	74.8	112.2

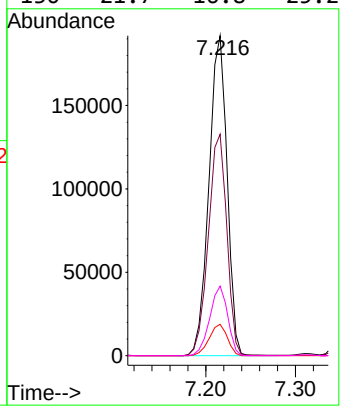




#19
n-Nitroso-di-n-propylamine
Concen: 35.594 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 70 Resp: 26951

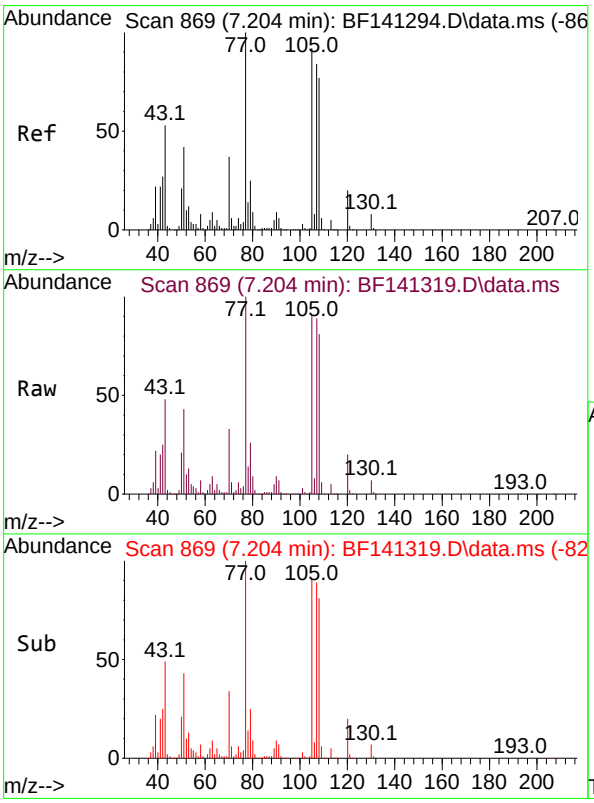
Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.8	85.2
101	9.8	7.7	11.5
130	21.7	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

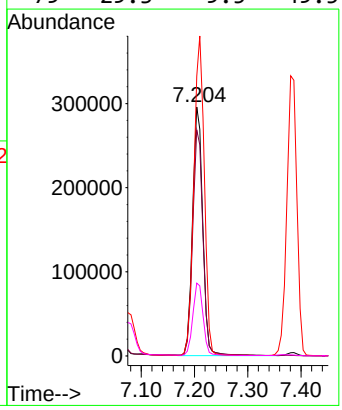
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

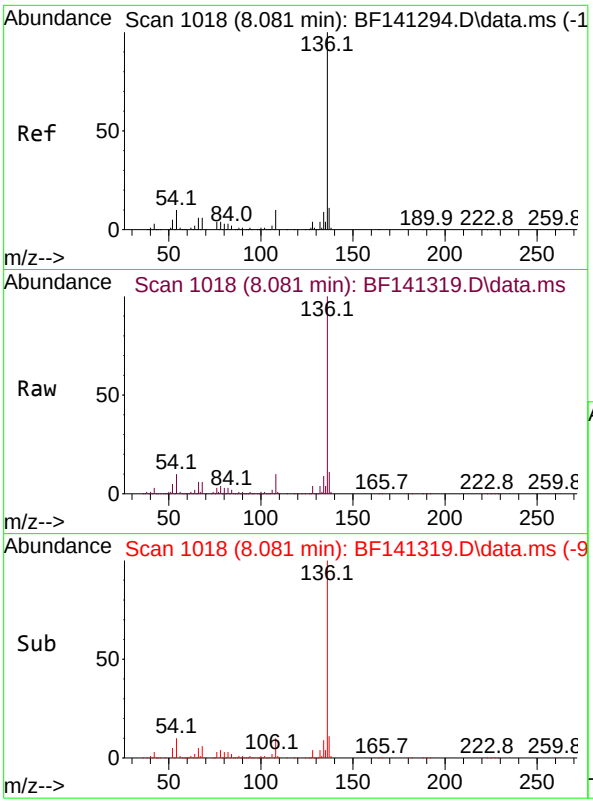


#20
3+4-Methylphenols
Concen: 36.543 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 391525

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.9	110.9
77	112.3	98.5	138.5
79	29.3	9.5	49.5

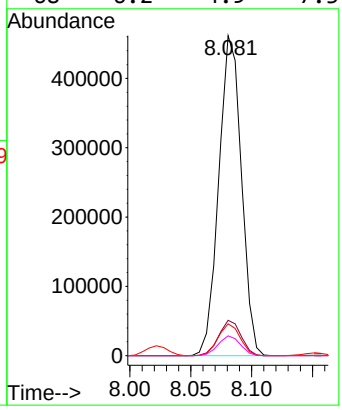




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:136 Resp: 59798

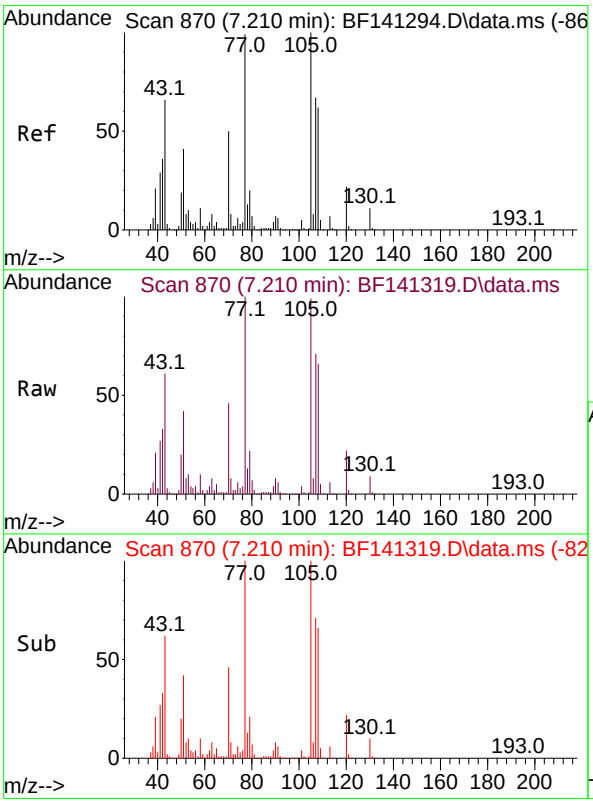
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.2	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

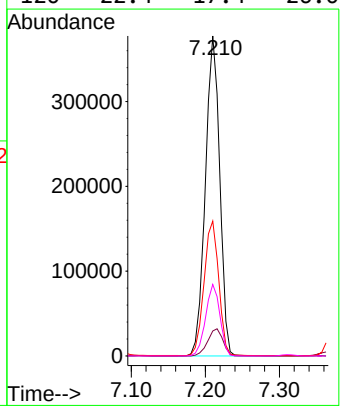
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

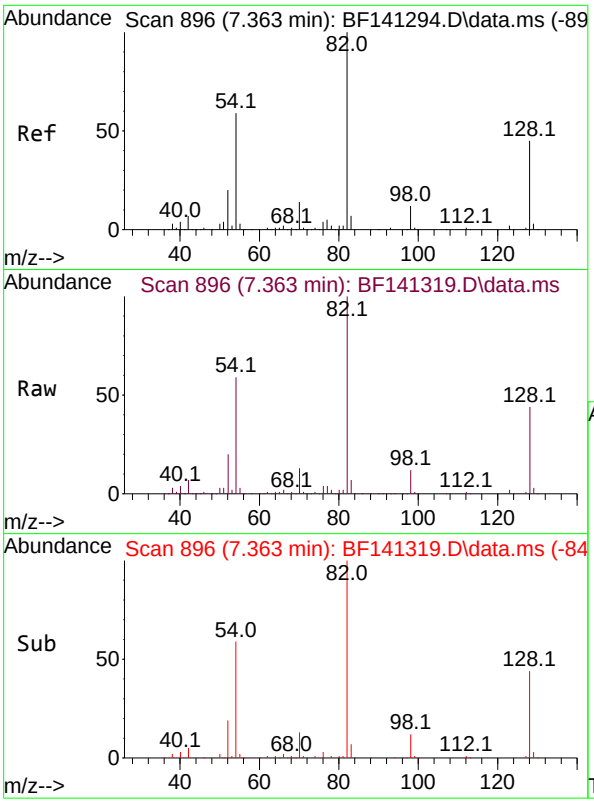


#22
Acetophenone
Concen: 35.716 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:105 Resp: 507679

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.8	10.2
51	42.2	32.6	49.0
120	22.4	17.4	26.0

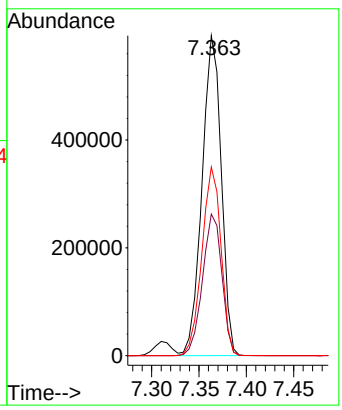




#23
Nitrobenzene-d5
Concen: 73.905 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 82 Resp: 83834

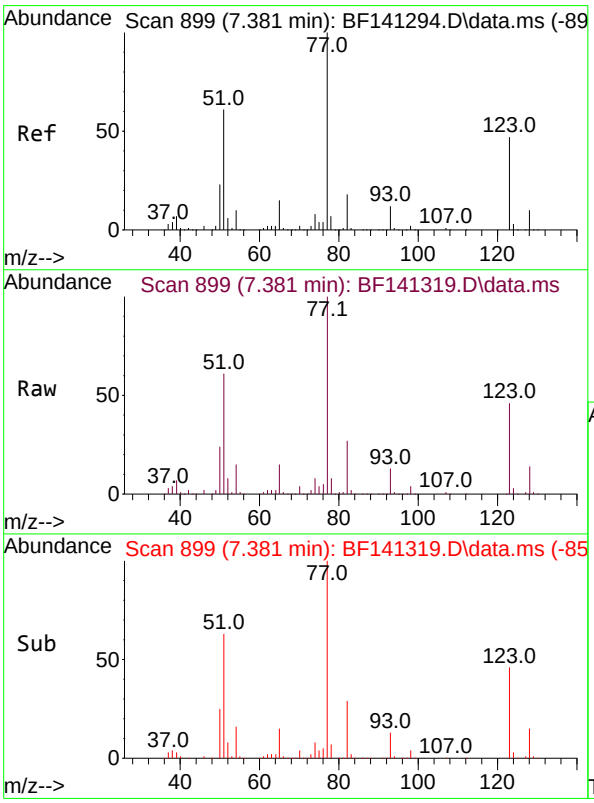
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	59.0	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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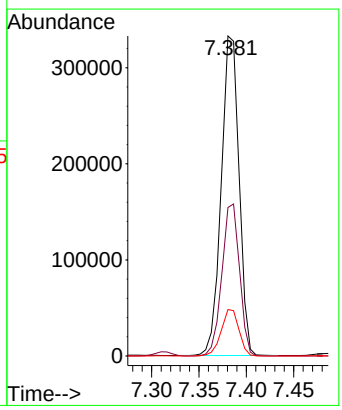
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

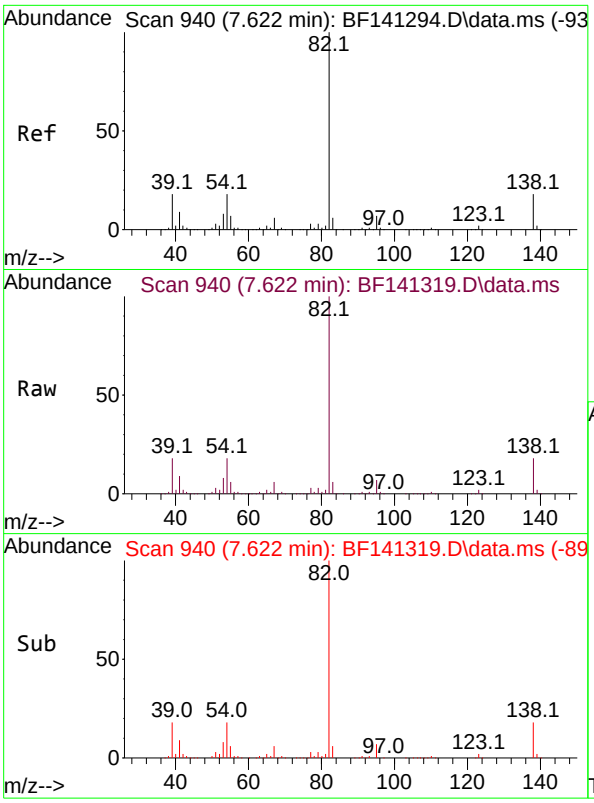


#24
Nitrobenzene
Concen: 37.084 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 77 Resp: 435929

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	14.5	11.8	17.6

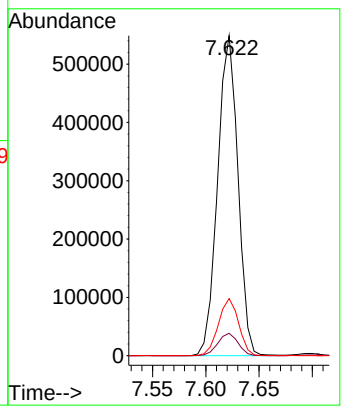




#25
Isophorone
Concen: 37.088 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 82 Resp: 72724

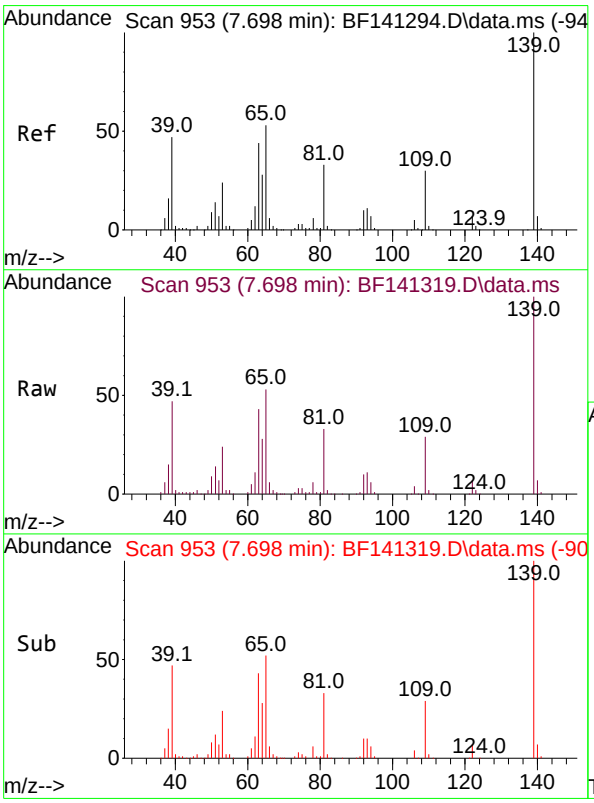
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.9	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

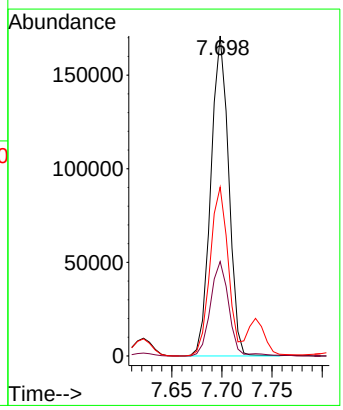
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

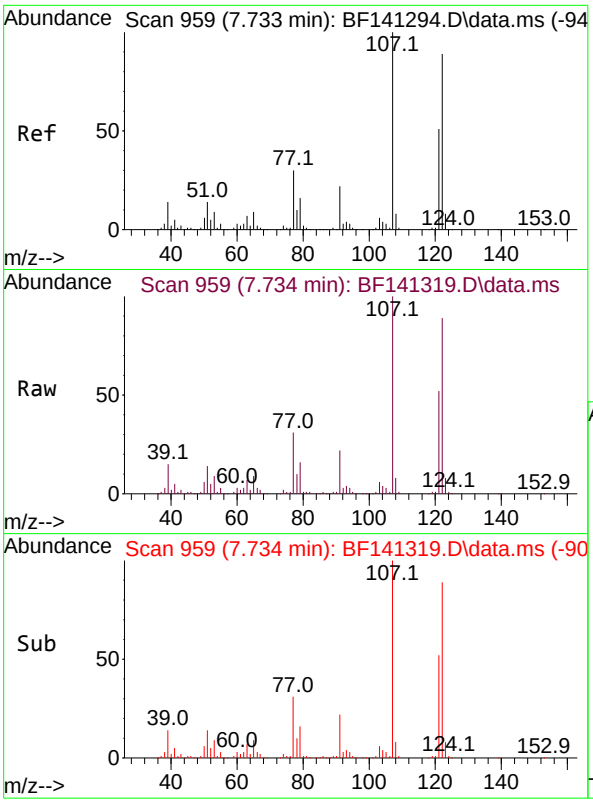


#26
2-Nitrophenol
Concen: 38.206 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 211813

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.8	35.6
65	52.8	42.2	63.4

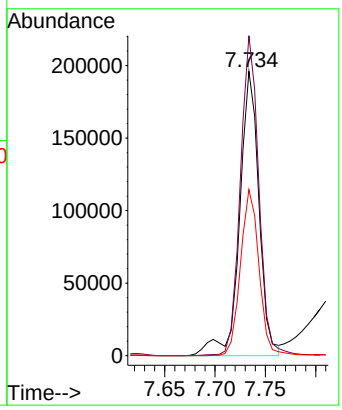




#27
2,4-Dimethylphenol
Concen: 37.421 ng m
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:122 Resp: 26406

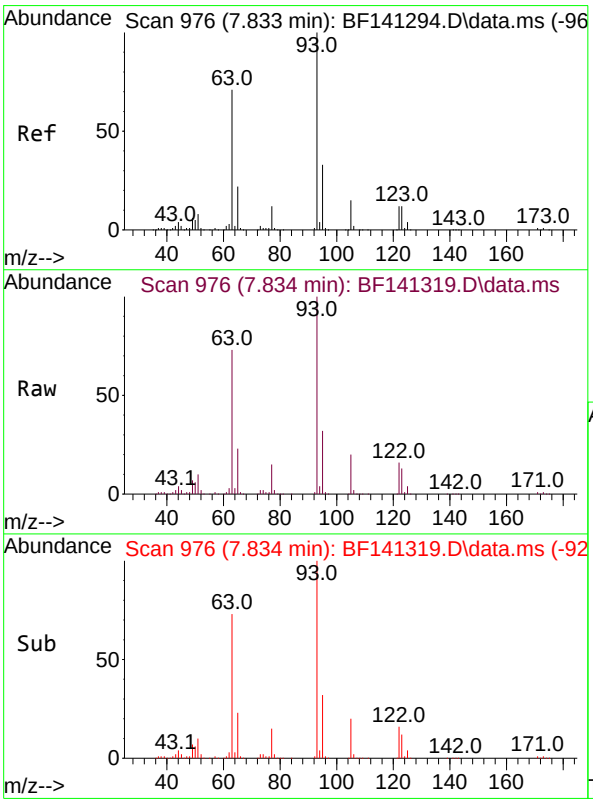
Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.9	134.9
121	58.4	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

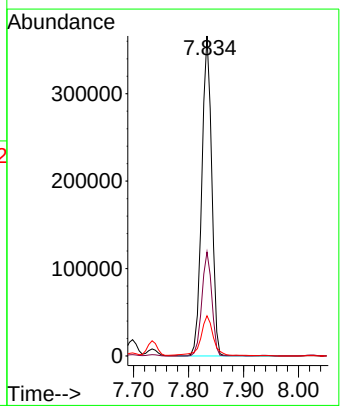
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

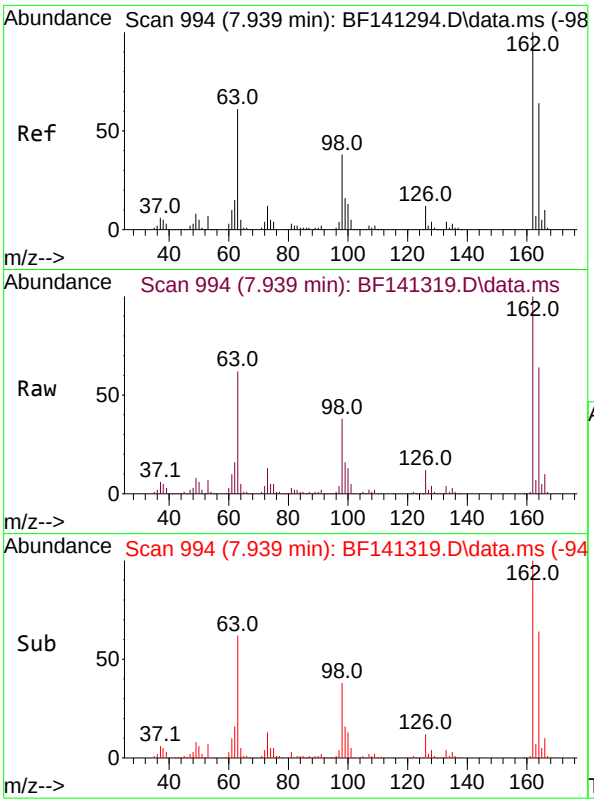


#28
bis(2-Chloroethoxy)methane
Concen: 36.868 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 93 Resp: 461125

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.6	10.2	15.4

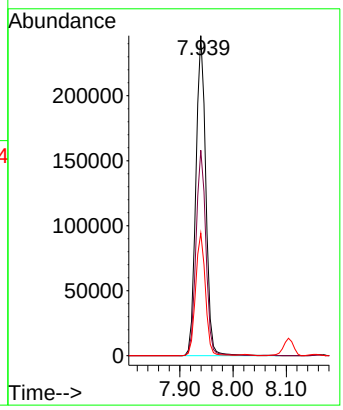




#29
2,4-Dichlorophenol
Concen: 36.886 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:162 Resp: 31865

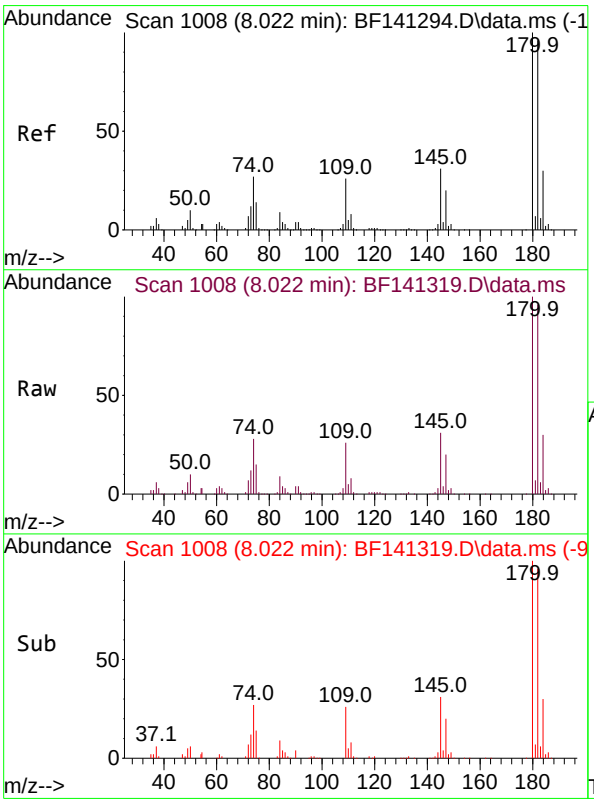
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.3	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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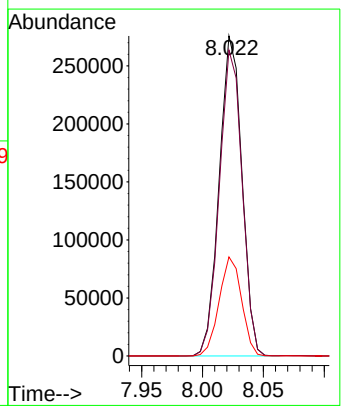
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

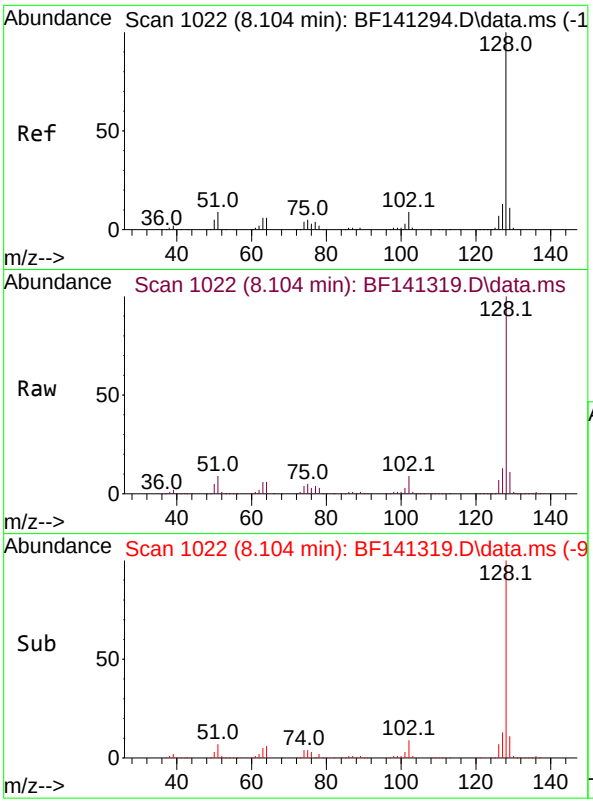


#30
1,2,4-Trichlorobenzene
Concen: 36.298 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:180 Resp: 358109

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.9	24.9	37.3

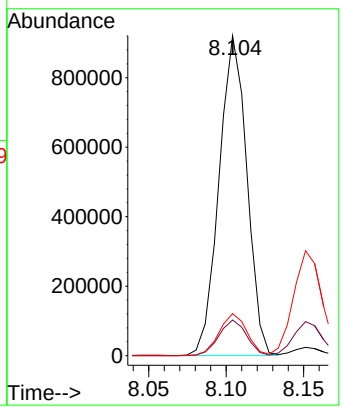




#31
Naphthalene
Concen: 36.385 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:128 Resp: 114939

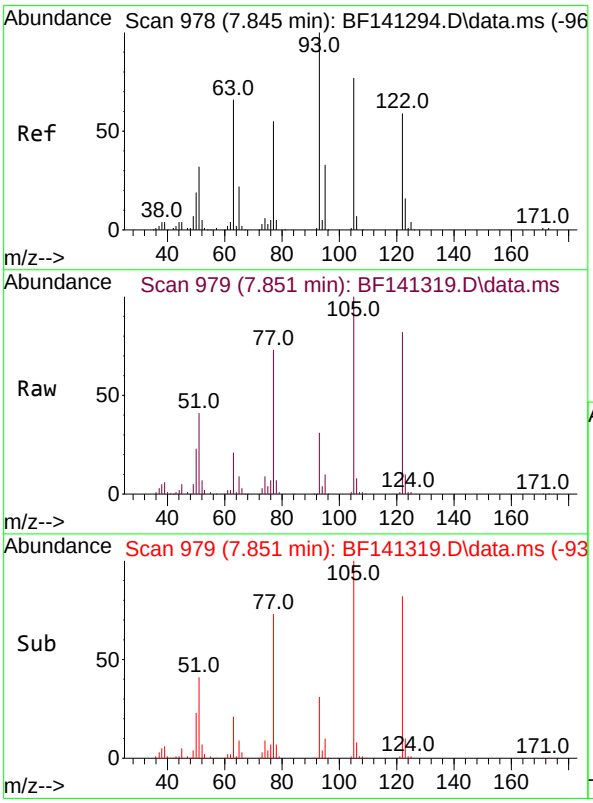
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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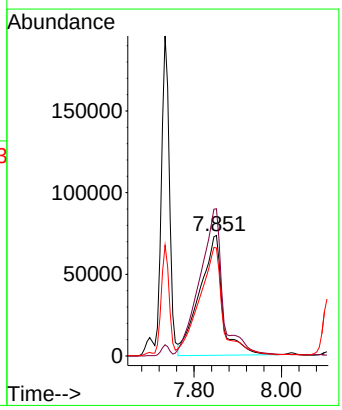
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

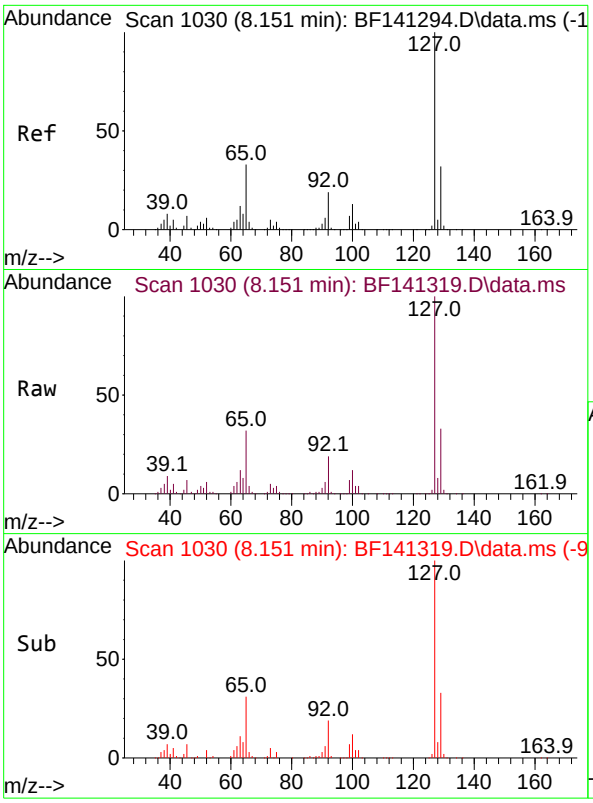


#32
Benzoic acid
Concen: 41.447 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:122 Resp: 268867

Ion	Ratio	Lower	Upper
122	100		
105	122.1	103.4	143.4
77	89.6	70.9	110.9

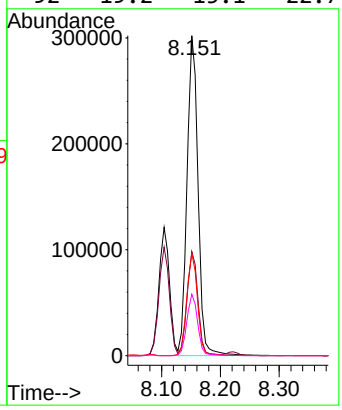




#33
4-Chloroaniline
Concen: 36.648 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:127 Resp: 39258

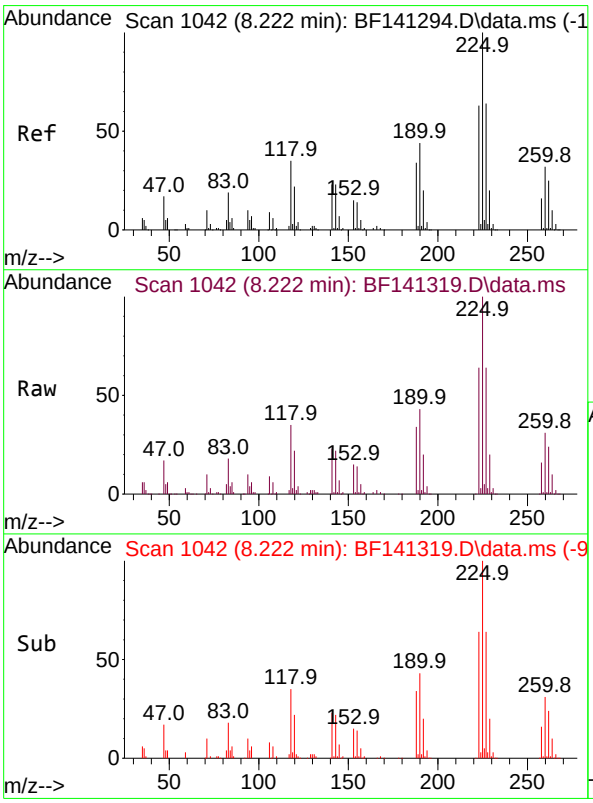
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	32.0	26.4	39.6
92	19.2	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

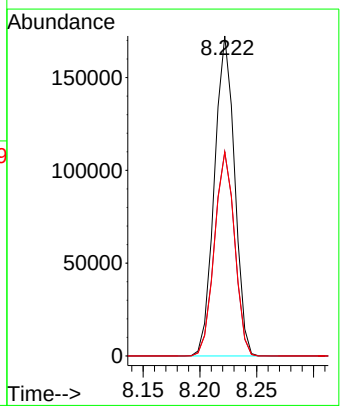
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

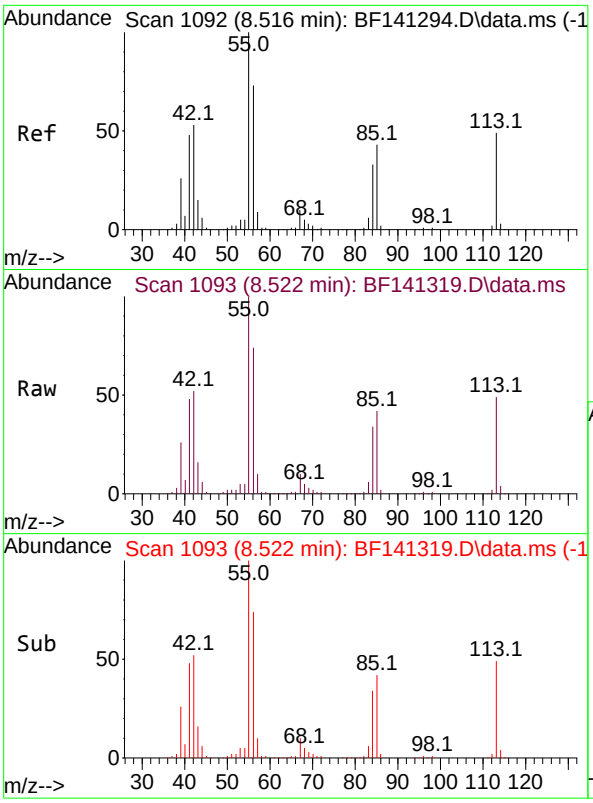


#34
Hexachlorobutadiene
Concen: 36.815 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:225 Resp: 212997

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9





#35
Caprolactam
Concen: 37.866 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

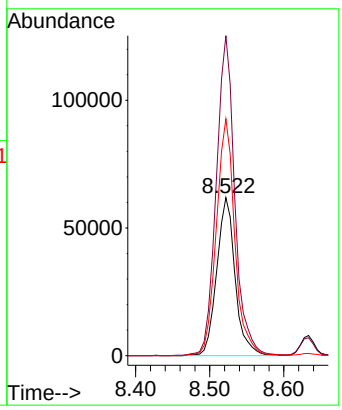
Tgt Ion:113 Resp: 10683

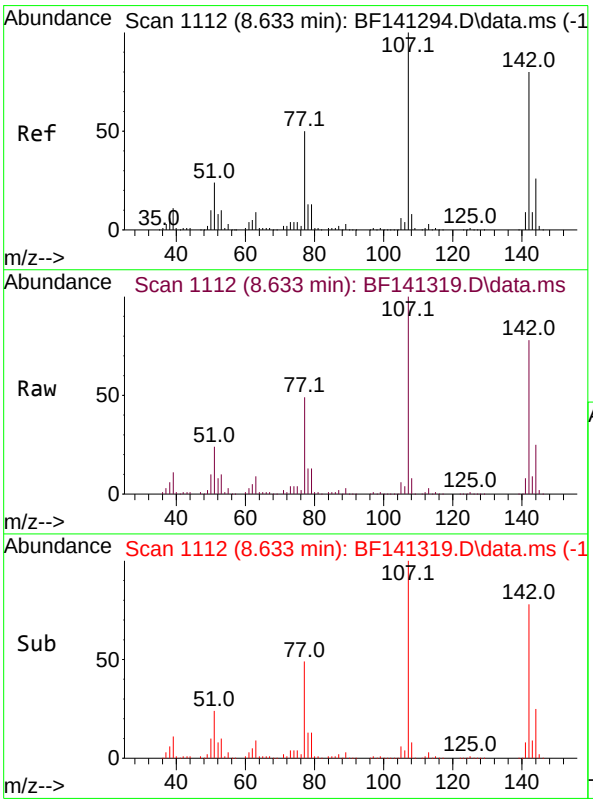
Ion	Ratio	Lower	Upper
113	100		
55	202.3	182.9	222.9
56	149.8	127.9	167.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

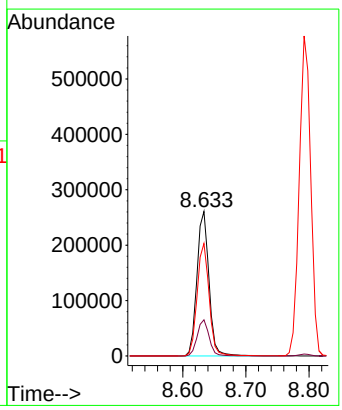


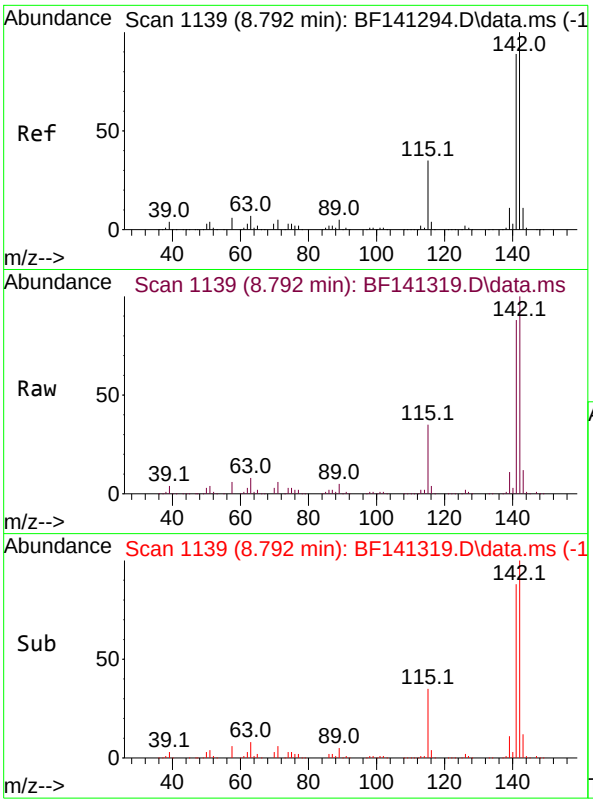


#36
4-Chloro-3-methylphenol
Concen: 37.217 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 344864

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.7	31.1
142	77.9	63.8	95.8

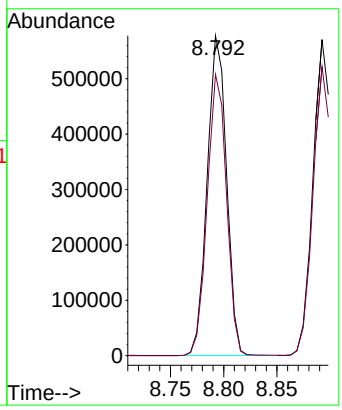




#37
2-Methylnaphthalene
Concen: 36.258 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:142 Resp: 72800

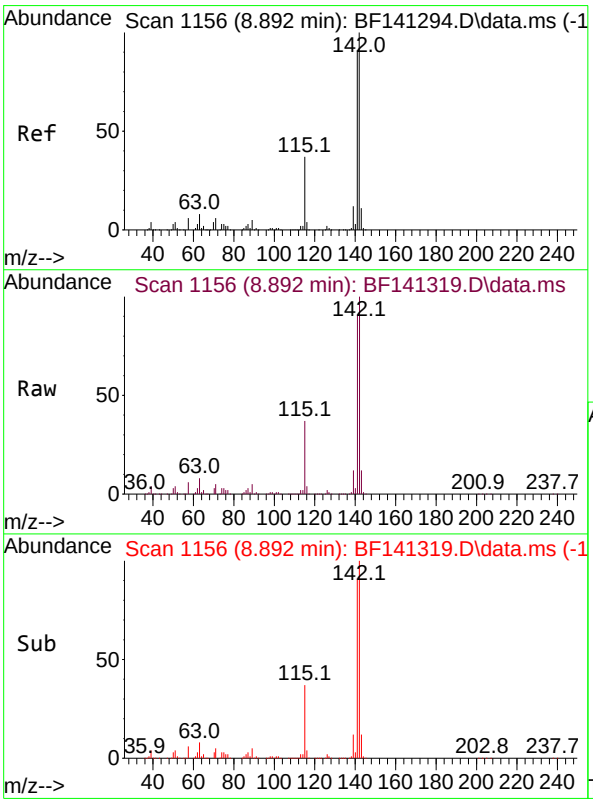
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

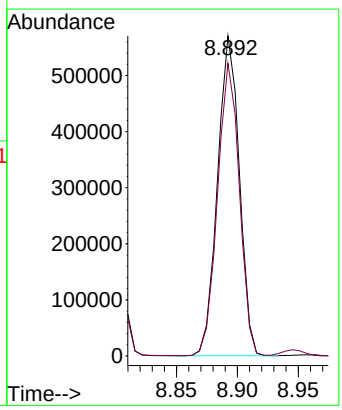
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

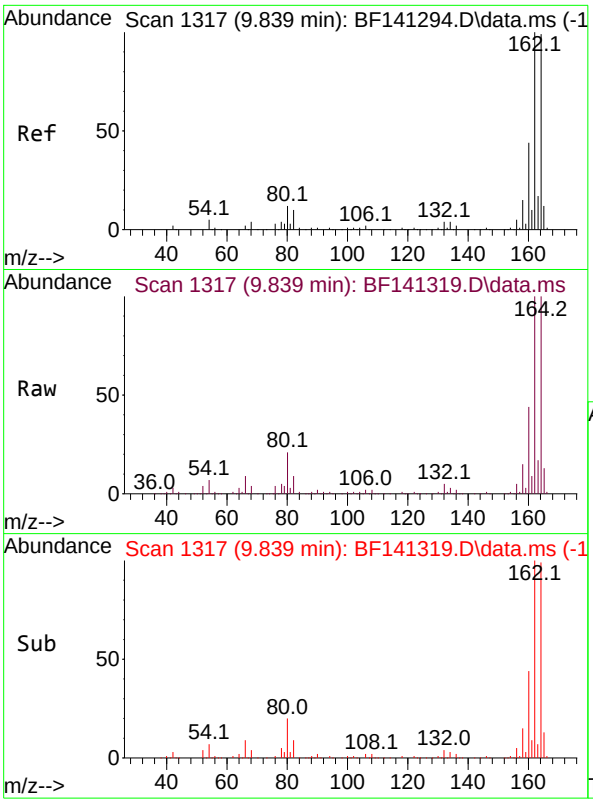


#38
1-Methylnaphthalene
Concen: 36.036 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:142 Resp: 710737

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8

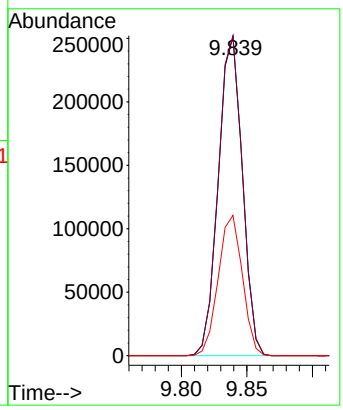




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:164 Resp: 31950

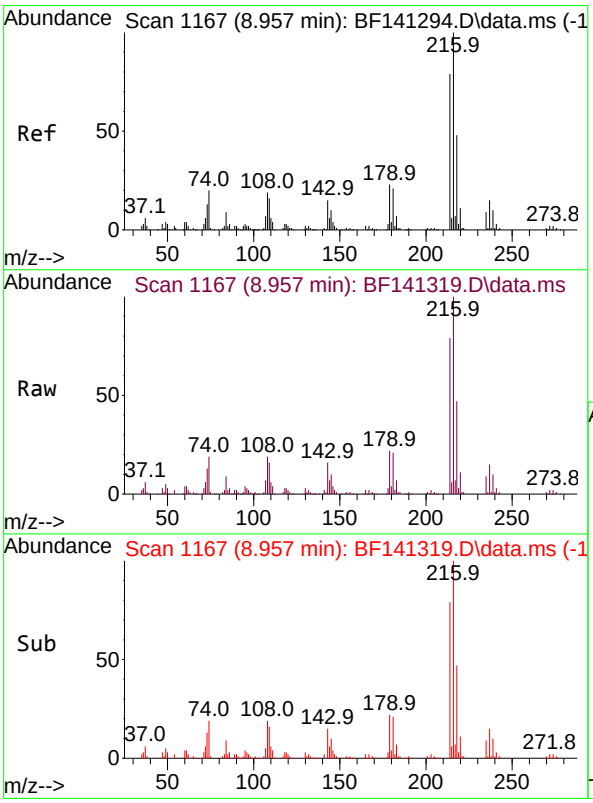
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.0	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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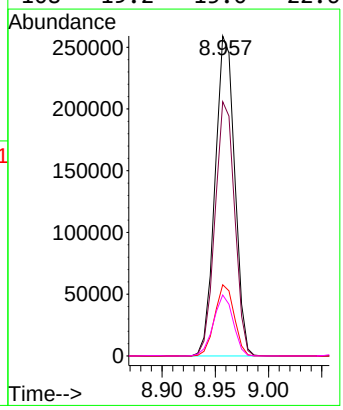
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

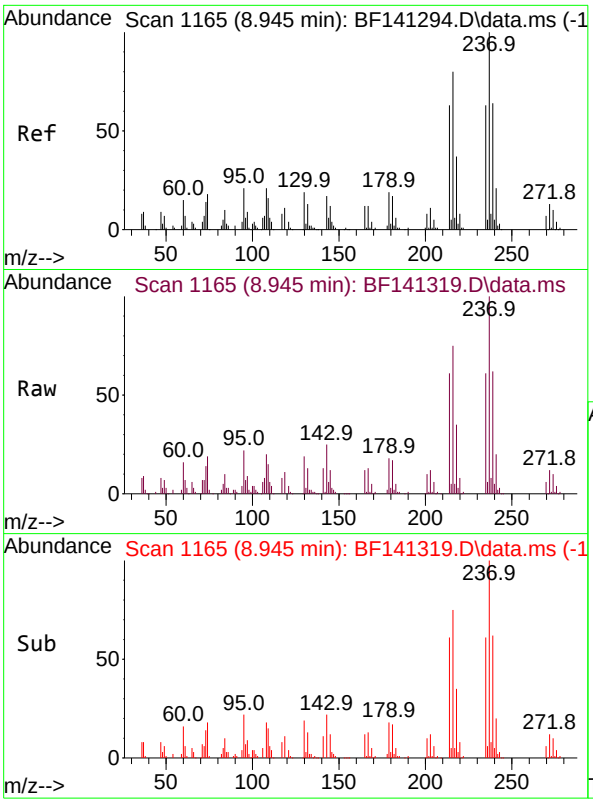


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.498 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:216 Resp: 331758

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.0	17.8	26.8
108	19.2	15.0	22.6

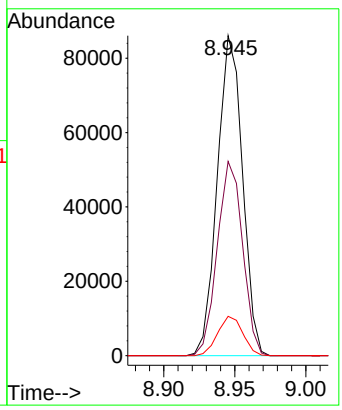




#41
Hexachlorocyclopentadiene
Concen: 39.520 ng
RT: 8.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:237 Resp: 10609

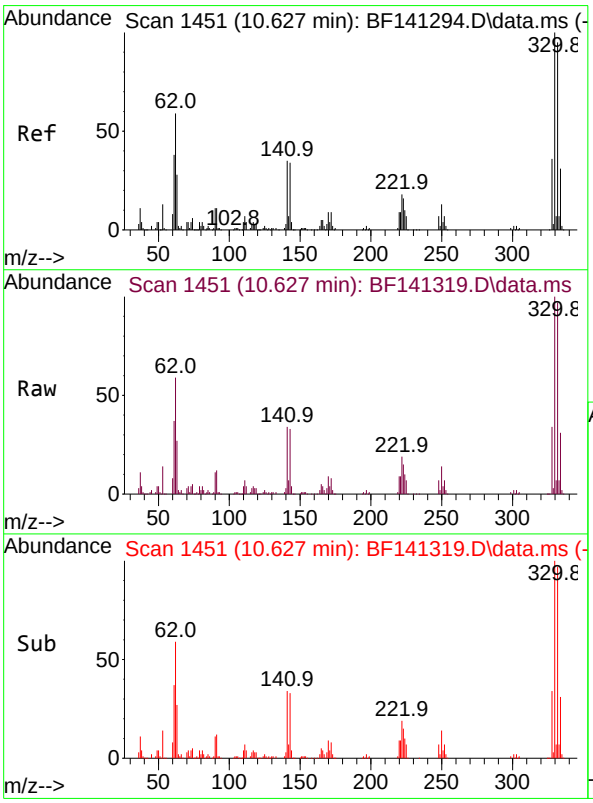
Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.9	82.9
272	12.3	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

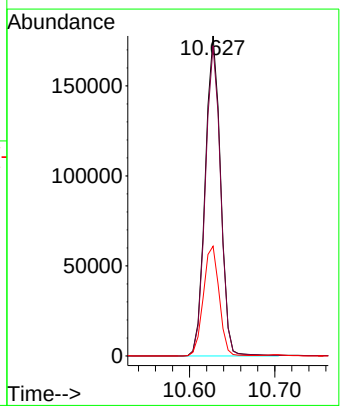
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

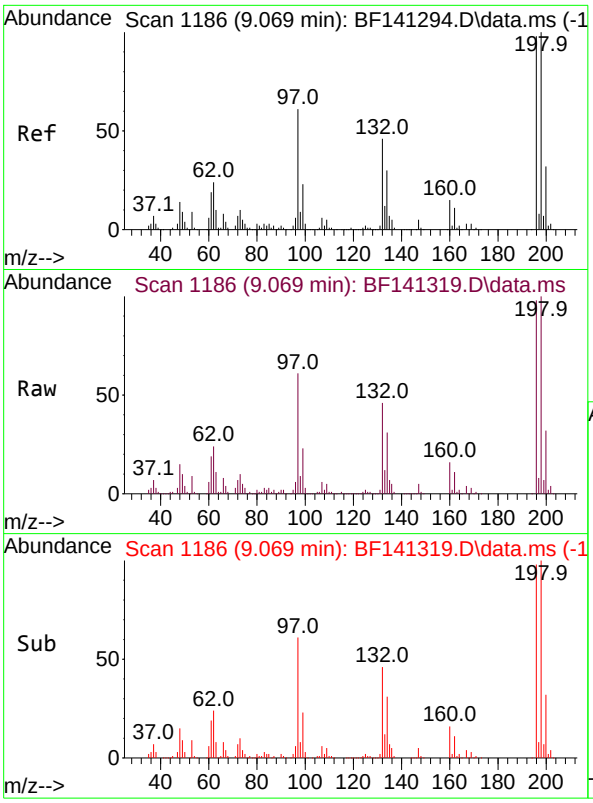


#42
2,4,6-Tribromophenol
Concen: 75.957 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:330 Resp: 222491

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.1	114.1
141	35.4	28.8	43.2

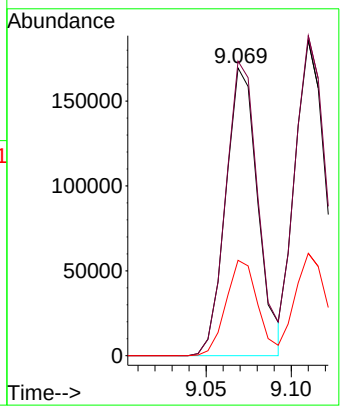




#43
2,4,6-Trichlorophenol
Concen: 37.520 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:196 Resp: 22322

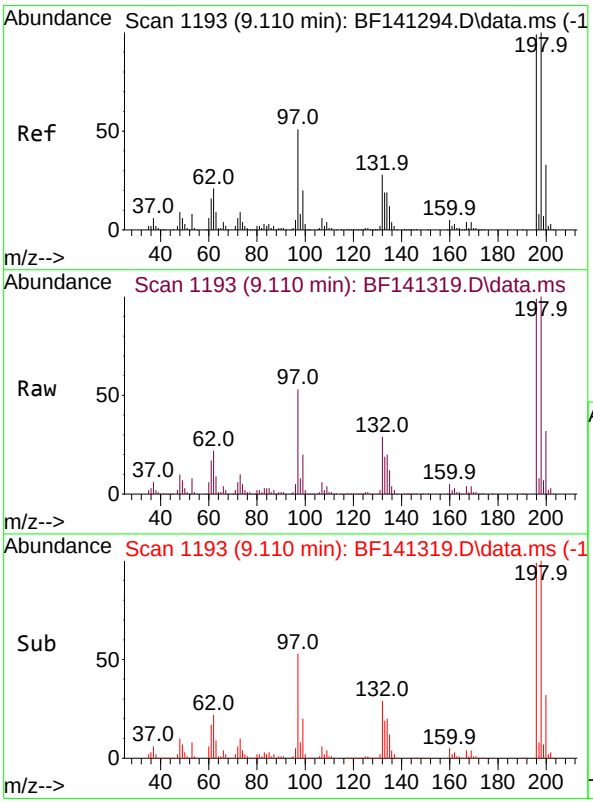
Ion	Ratio	Lower	Upper
196	100		
198	102.4	81.8	122.6
200	33.2	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

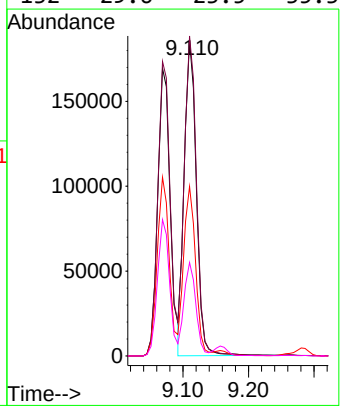
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

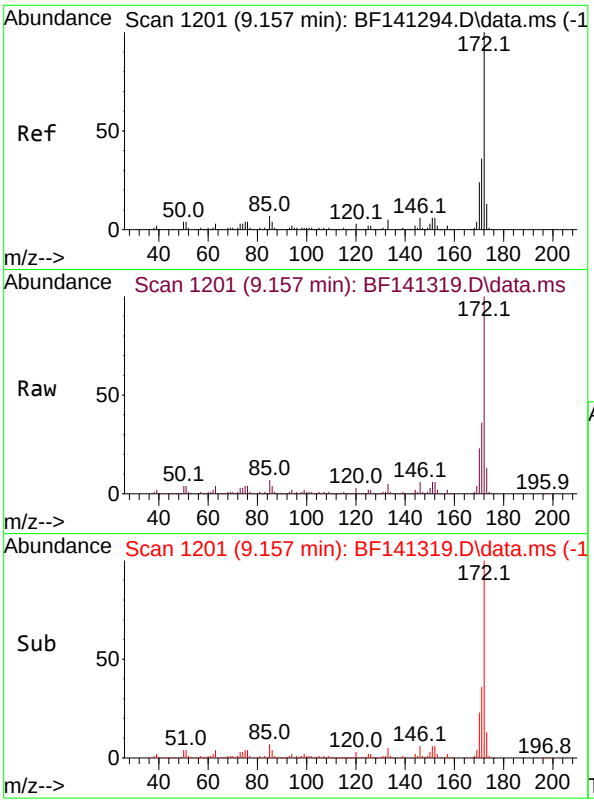


#44
2,4,5-Trichlorophenol
Concen: 36.666 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:196 Resp: 237426

Ion	Ratio	Lower	Upper
196	100		
198	101.5	80.5	120.7
97	53.7	42.8	64.2
132	29.6	23.5	35.3

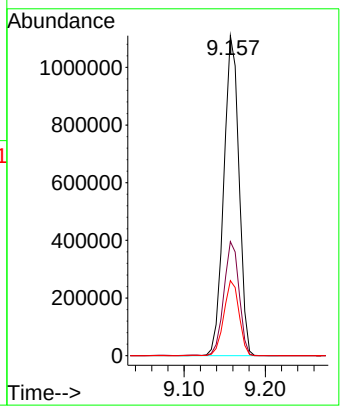




#45
2-Fluorobiphenyl
Concen: 69.744 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:172 Resp: 144776

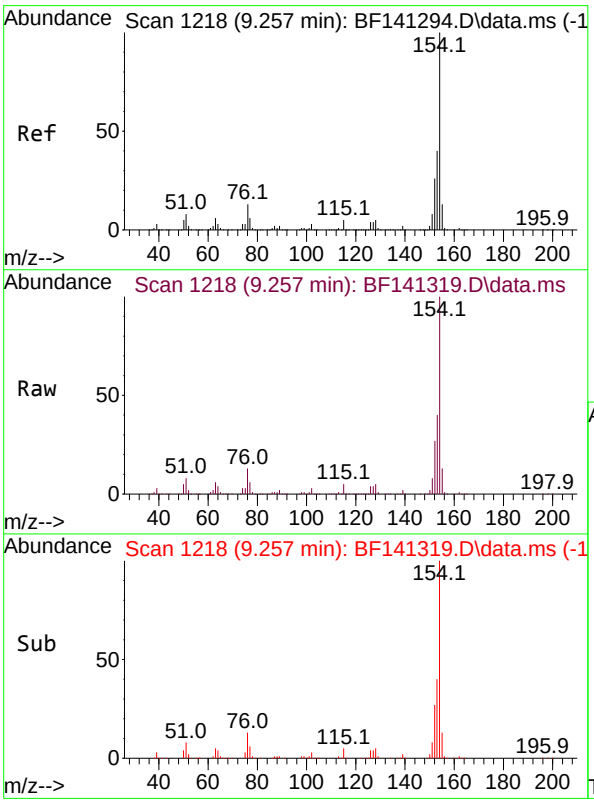
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.5	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

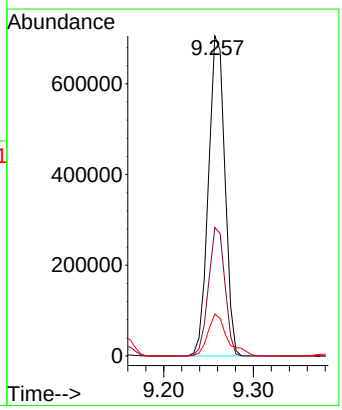
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

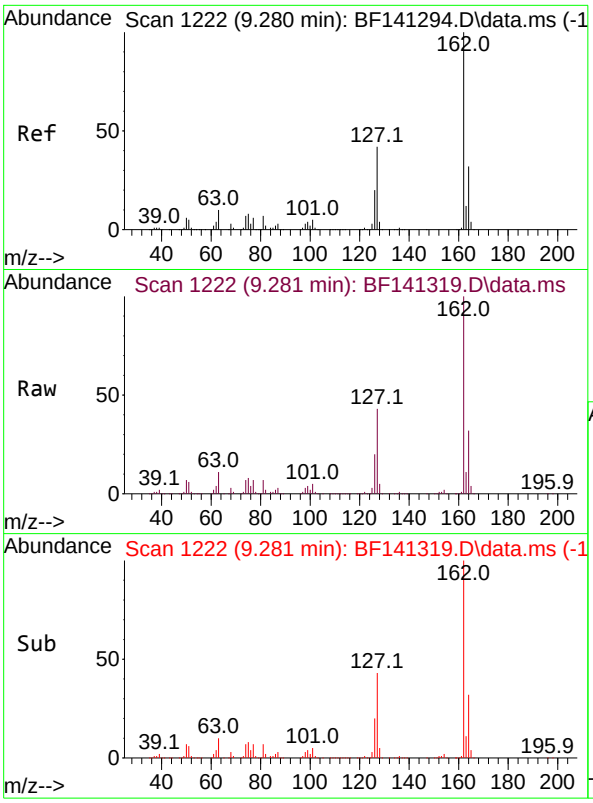


#46
1,1'-Biphenyl
Concen: 36.015 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:154 Resp: 897425

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	13.1	0.0	32.8

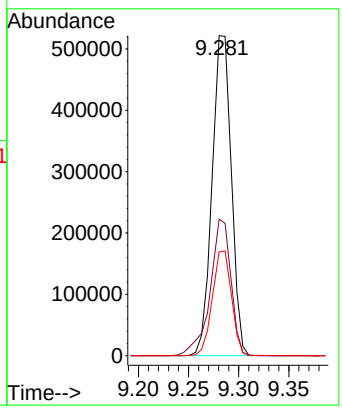




#47
2-Chloronaphthalene
Concen: 35.869 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:162 Resp: 69664

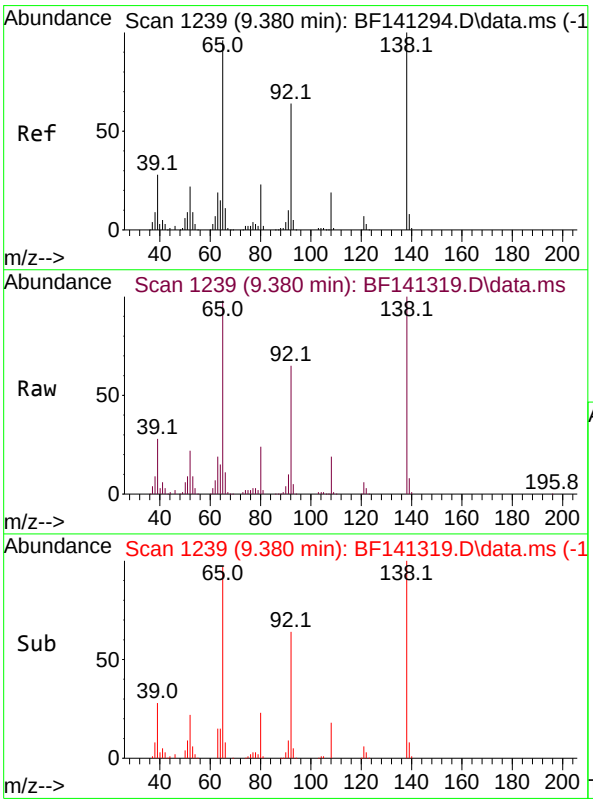
Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.7	50.5
164	32.5	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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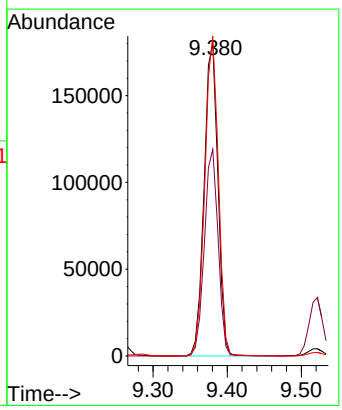
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

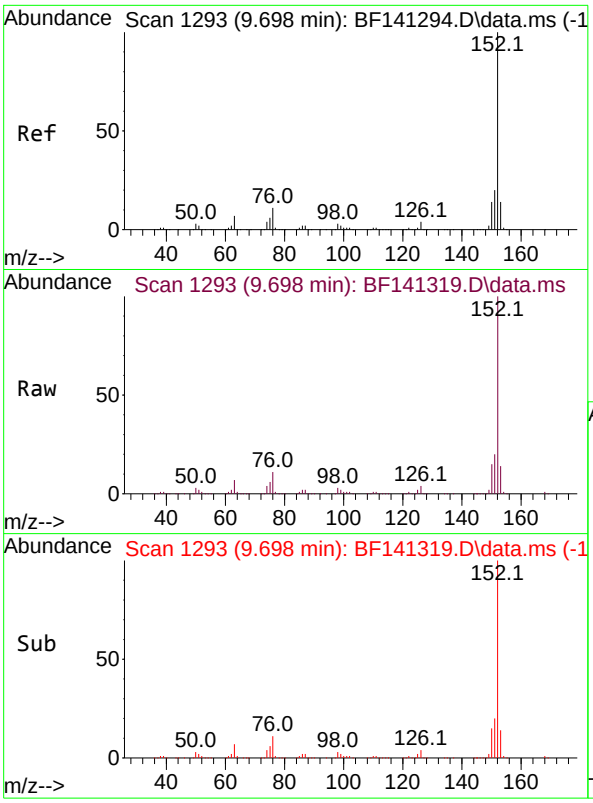


#48
2-Nitroaniline
Concen: 38.256 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 65 Resp: 233710

Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.3	79.9
138	102.4	83.6	125.4

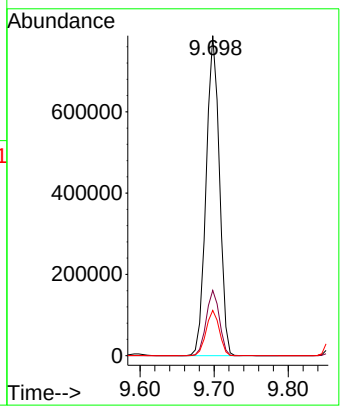




#49
Acenaphthylene
Concen: 36.048 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:152 Resp: 98005

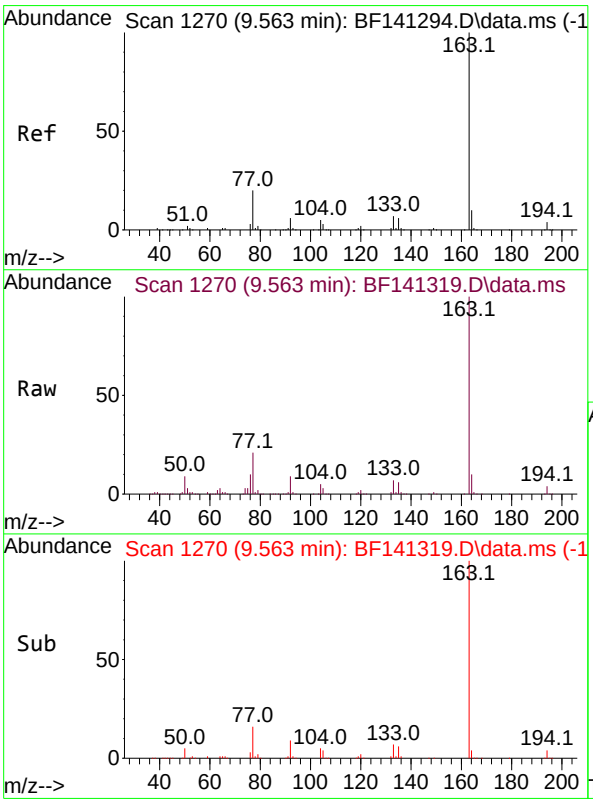
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.1	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
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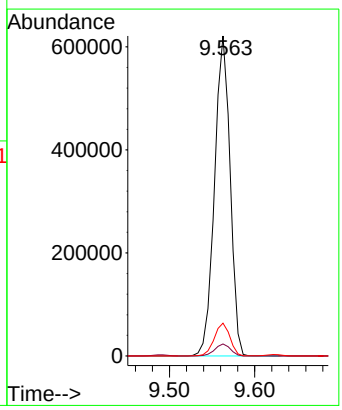
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

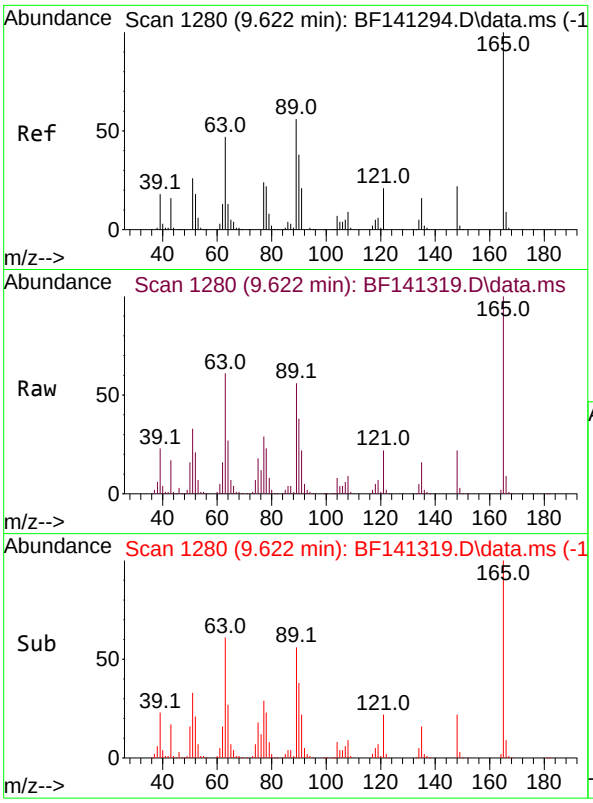


#50
Dimethylphthalate
Concen: 36.602 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:163 Resp: 789847

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 37.549 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

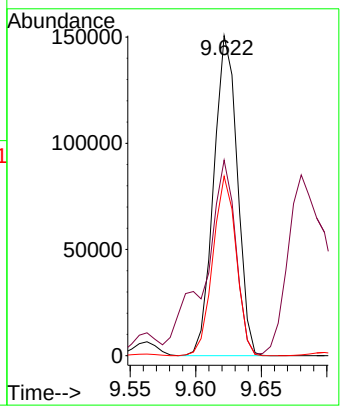
Tgt Ion:165 Resp: 18813

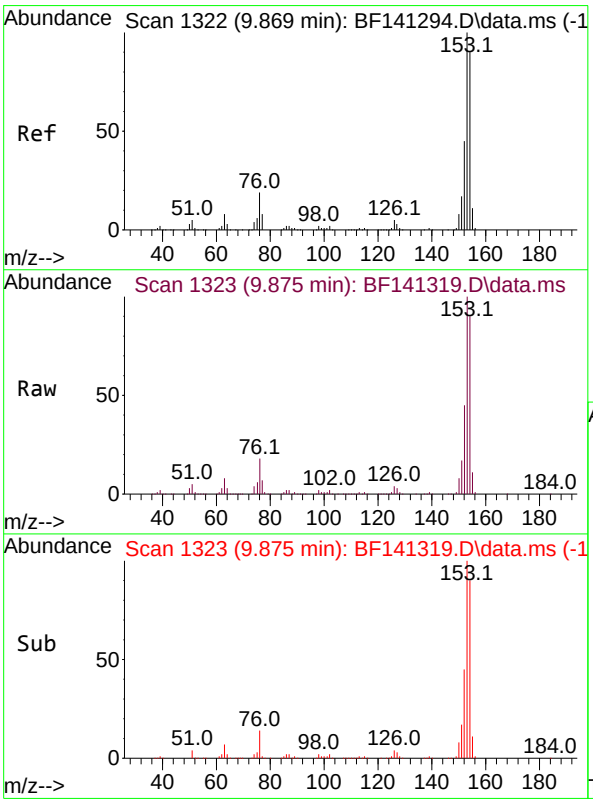
Ion	Ratio	Lower	Upper
165	100		
63	61.1	48.1	72.1
89	56.0	44.9	67.3

Instrument :
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ClientSampleId :
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

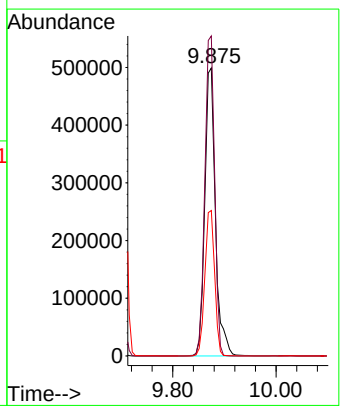


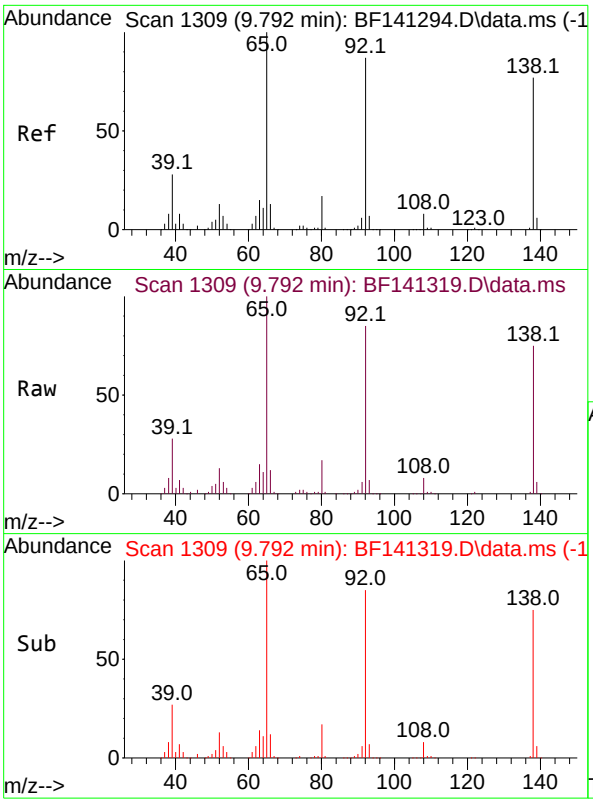


#52
Acenaphthene
Concen: 36.779 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:154 Resp: 714359

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	50.5	40.2	60.4





#53
3-Nitroaniline
Concen: 38.231 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

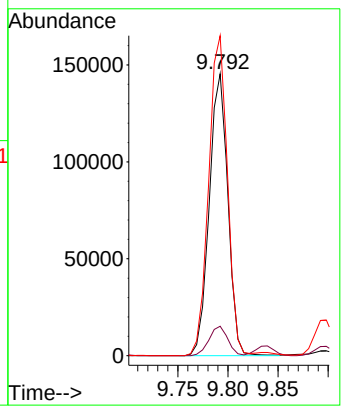
Tgt Ion:138 Resp: 18774

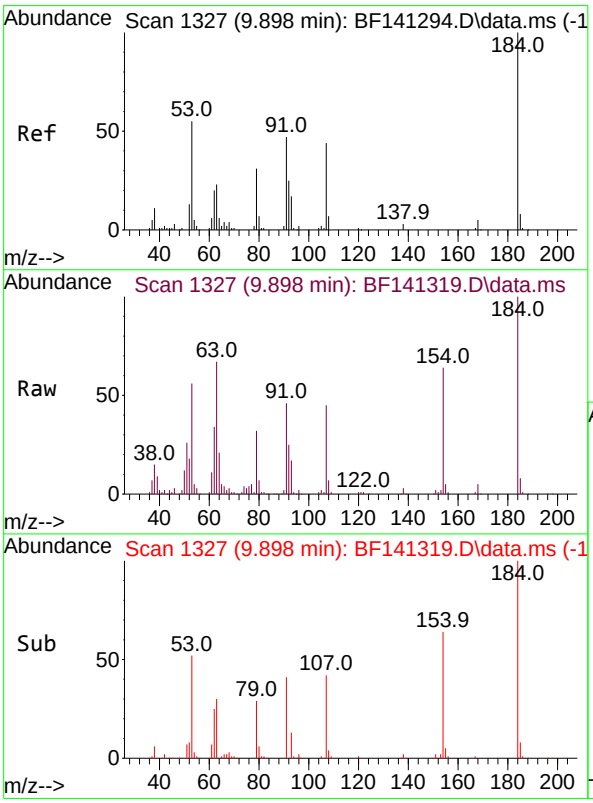
Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	12.8
92	113.5	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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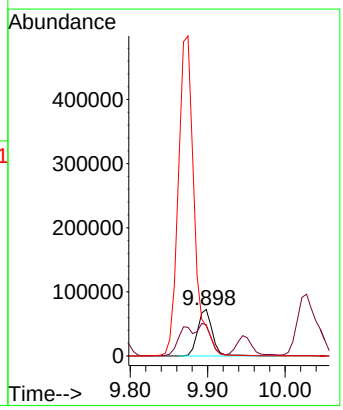


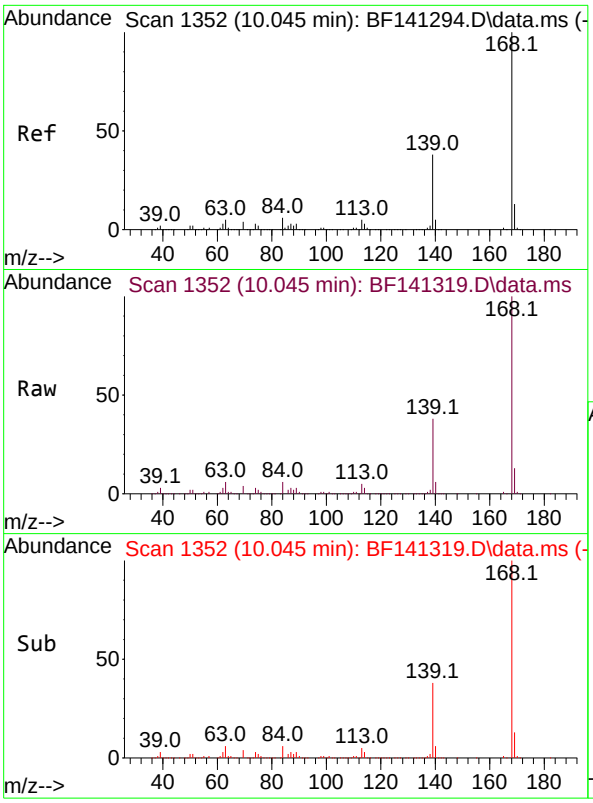


#54
2,4-Dinitrophenol
Concen: 41.050 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:184 Resp: 95612

Ion	Ratio	Lower	Upper
184	100		
63	67.0	54.1	81.1
154	64.4	50.7	76.1

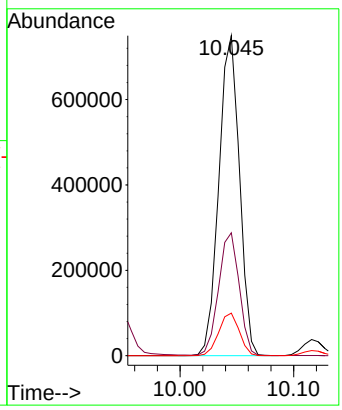




#55
Dibenzofuran
Concen: 36.361 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:168 Resp: 94533

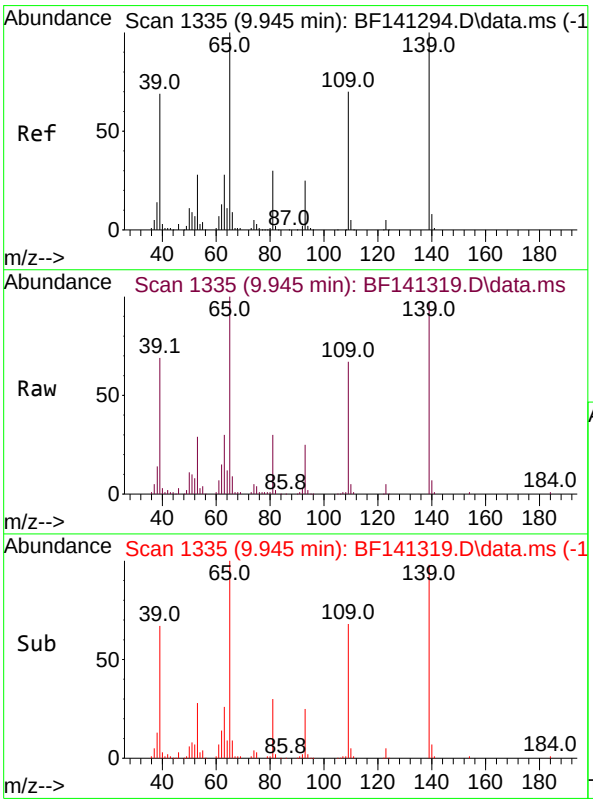
Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	46.0
169	13.3	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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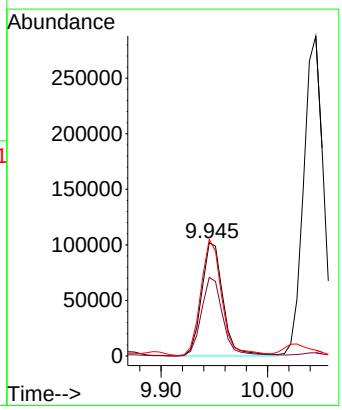
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

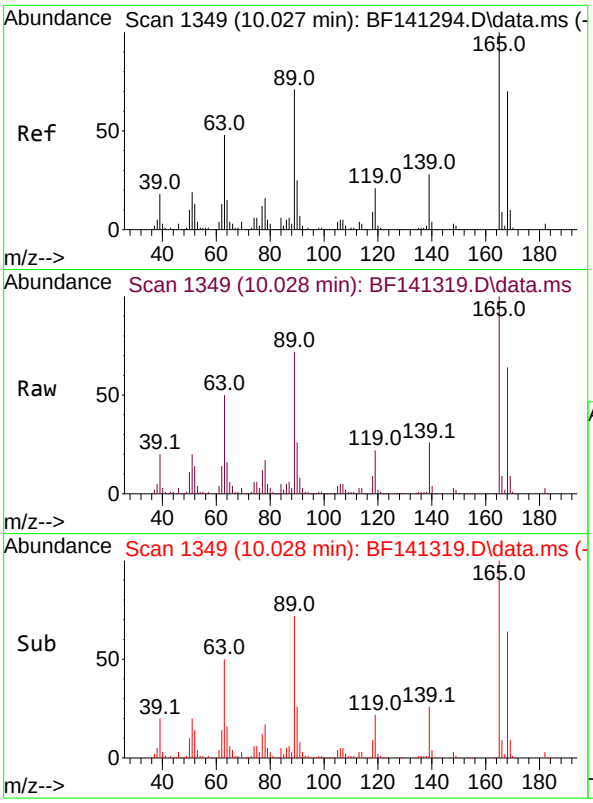


#56
4-Nitrophenol
Concen: 39.779 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 142865

Ion	Ratio	Lower	Upper
139	100		
109	69.3	50.2	90.2
65	102.8	80.6	120.6

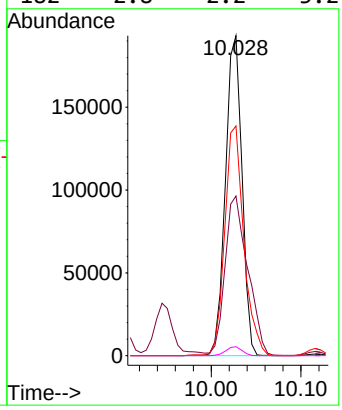




#57
2,4-Dinitrotoluene
Concen: 38.150 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:165 Resp: 24748

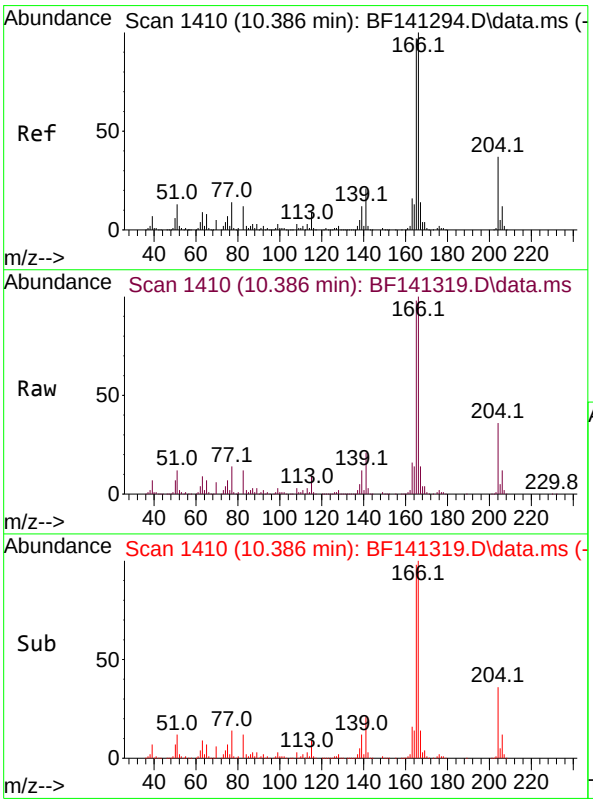
Ion	Ratio	Lower	Upper
165	100		
63	49.9	39.2	58.8
89	71.8	56.9	85.3
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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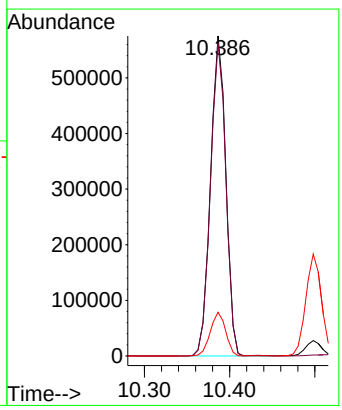
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

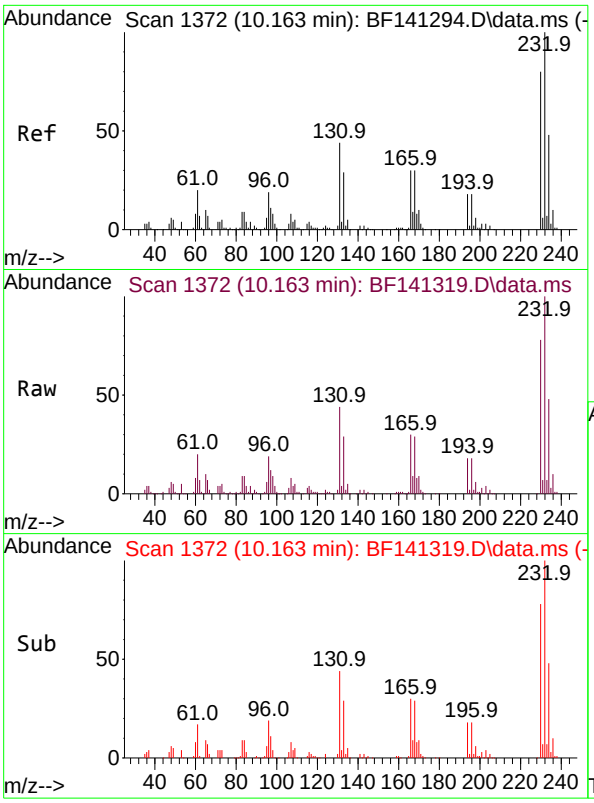


#58
Fluorene
Concen: 35.862 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:166 Resp: 723204

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.6	10.9	16.3

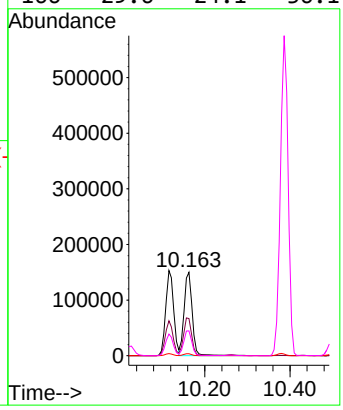




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:232 Resp: 19743

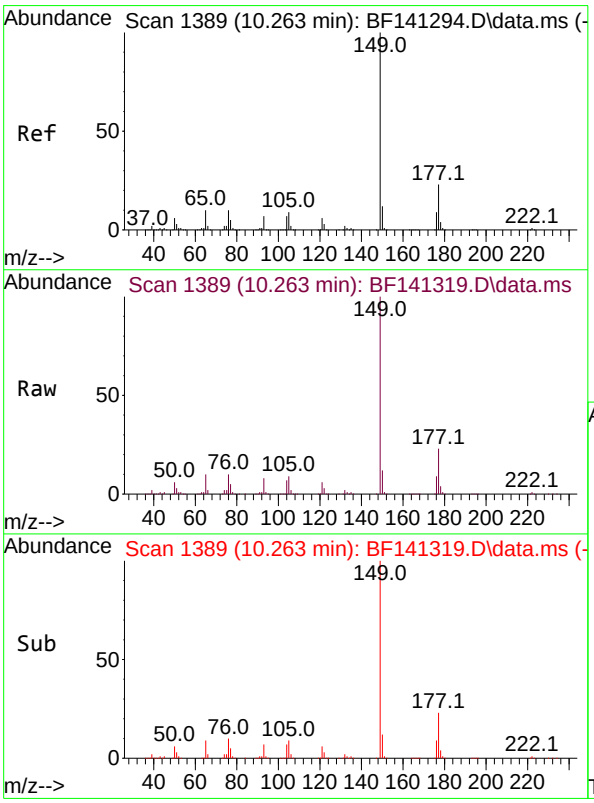
Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.4	54.6
130	2.3	1.9	2.9
166	29.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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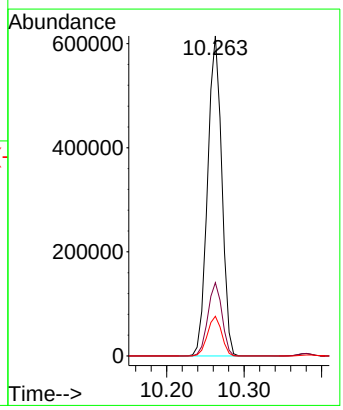
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

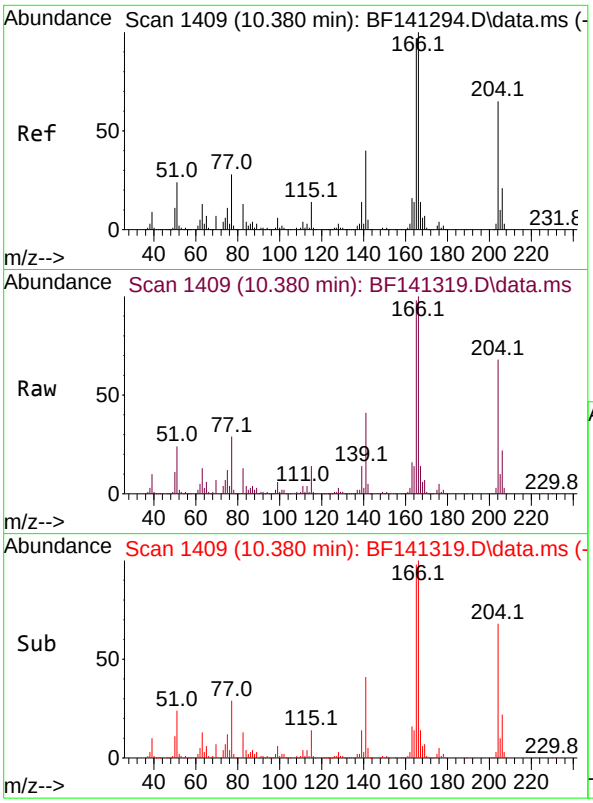


#60
Diethylphthalate
Concen: 37.235 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 779087

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.4	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.144 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

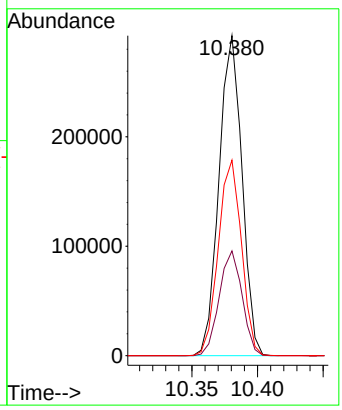
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

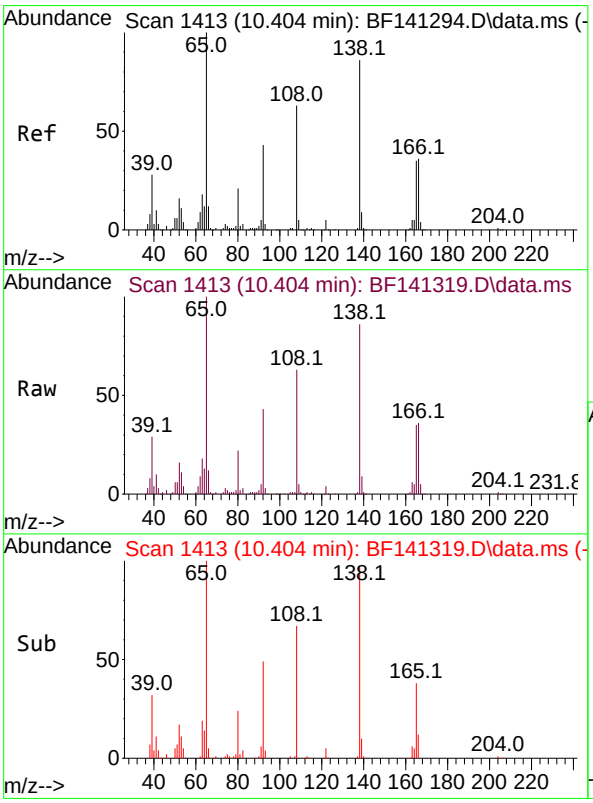
Tgt Ion:204 Resp: 35604

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	61.1	49.5	74.3

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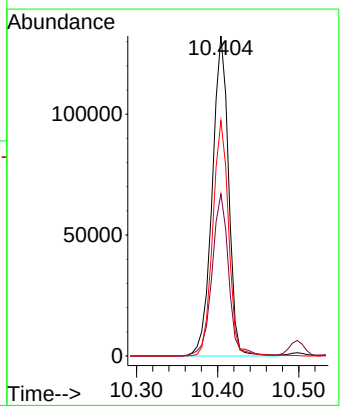


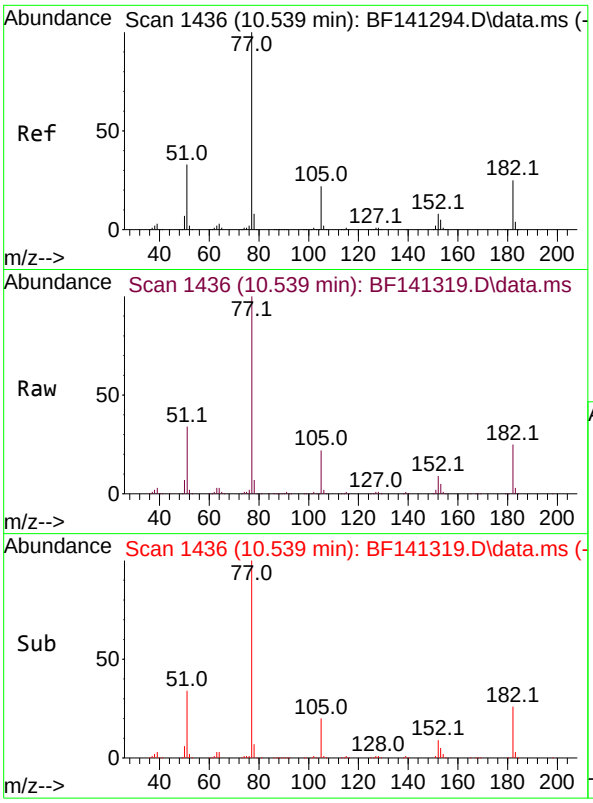


#62
4-Nitroaniline
Concen: 38.331 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:138 Resp: 185062

Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.1	70.1
108	73.5	53.1	93.1

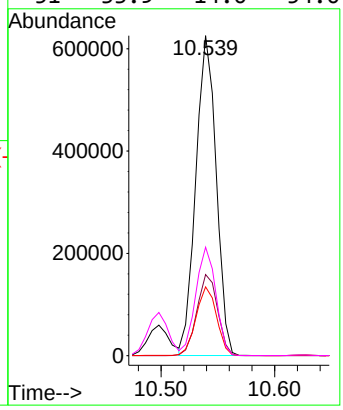




#63
Azobenzene
Concen: 37.170 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 77 Resp: 77850

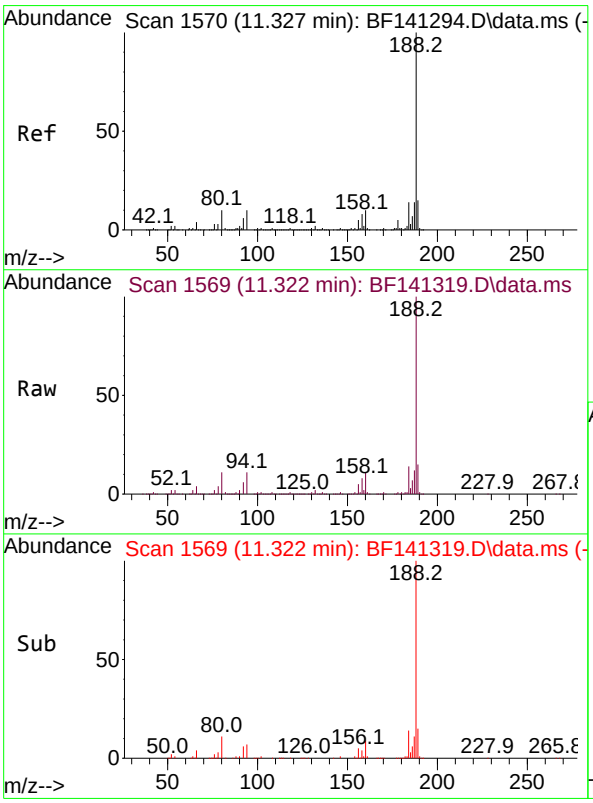
Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.1	45.1
105	21.5	1.8	41.8
51	33.9	14.0	54.0



Instrument :
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ClientSampleId :
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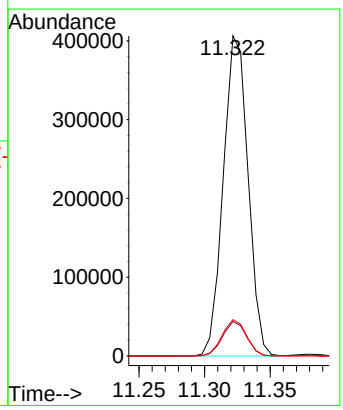
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

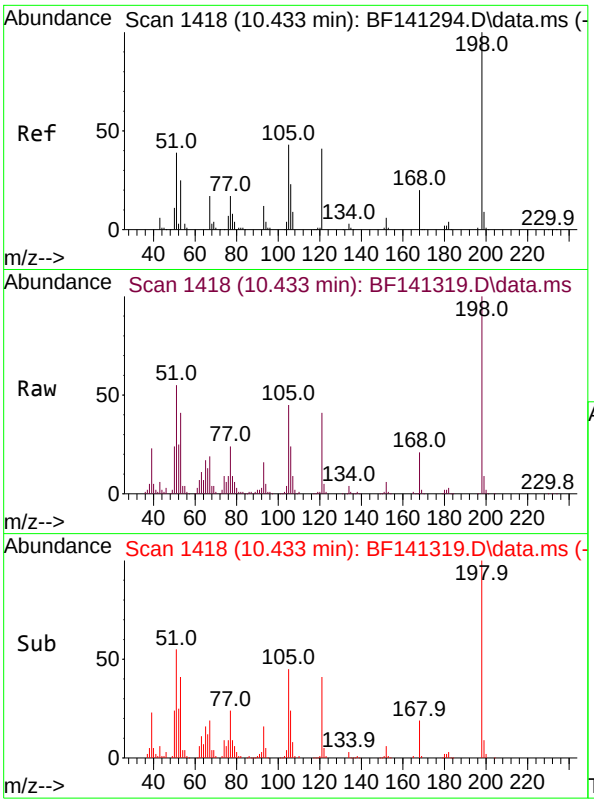


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:188 Resp: 533134

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.8	11.6
80	11.4	8.2	12.4

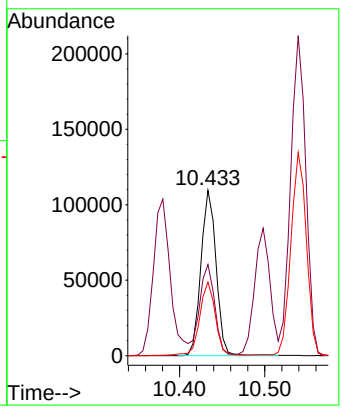




#65
4,6-Dinitro-2-methylphenol
Concen: 42.895 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:198 Resp: 13526

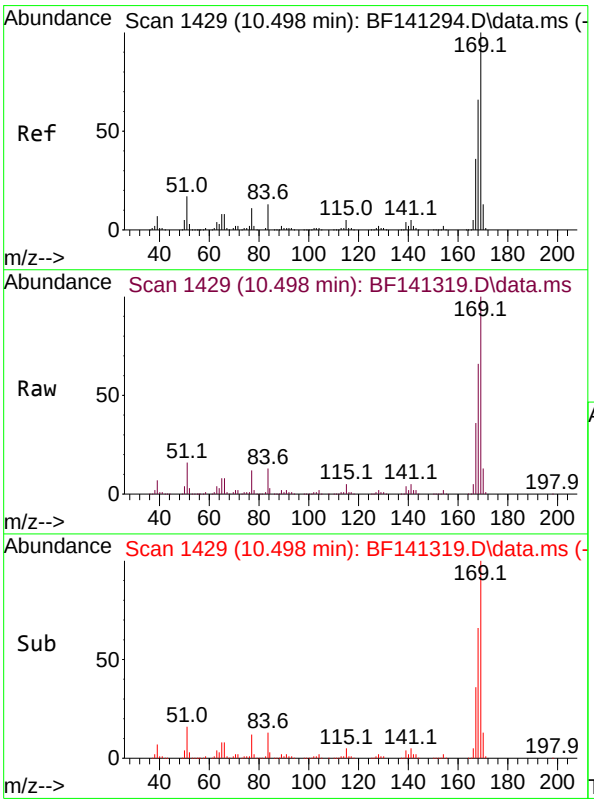
Ion	Ratio	Lower	Upper
198	100		
51	55.1	33.4	73.4
105	44.5	24.4	64.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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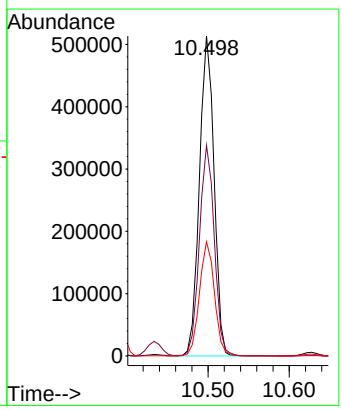
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

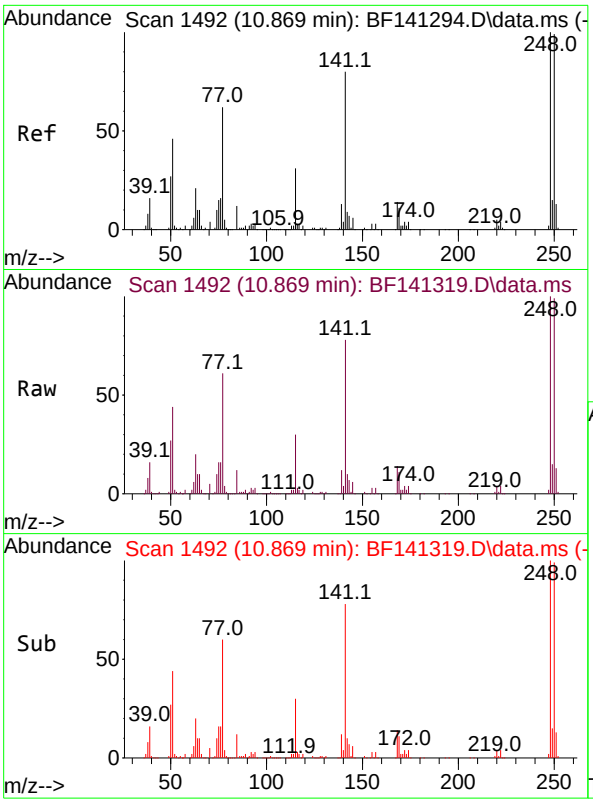


#66
n-Nitrosodiphenylamine
Concen: 37.318 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:169 Resp: 643501

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.4
167	35.7	28.8	43.2

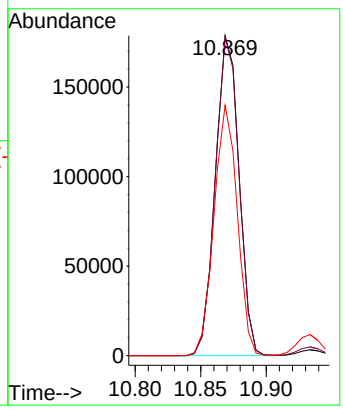




#67
4-Bromophenyl-phenylether
Concen: 37.613 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:248 Resp: 22449

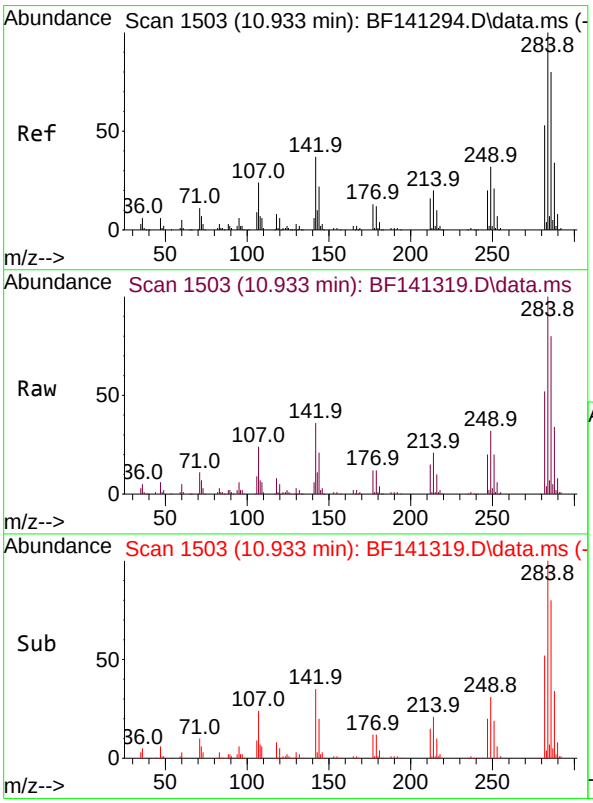
Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.4
141	78.3	63.7	95.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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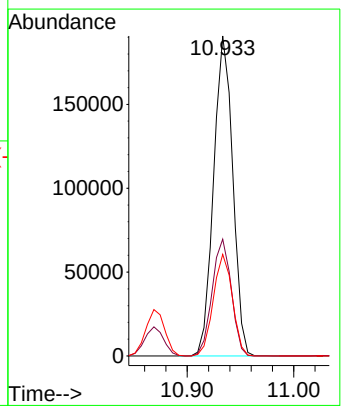
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

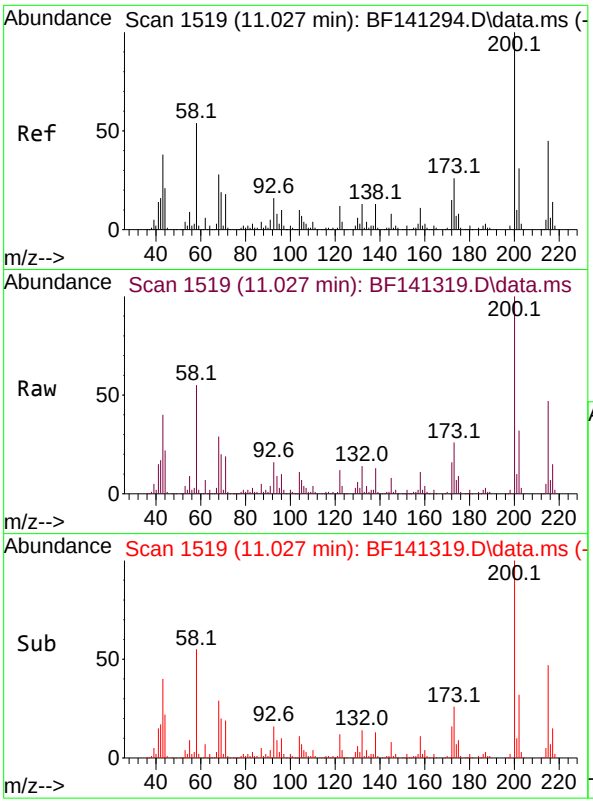


#68
Hexachlorobenzene
Concen: 37.501 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:284 Resp: 237426

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.5	44.3
249	31.8	25.4	38.2

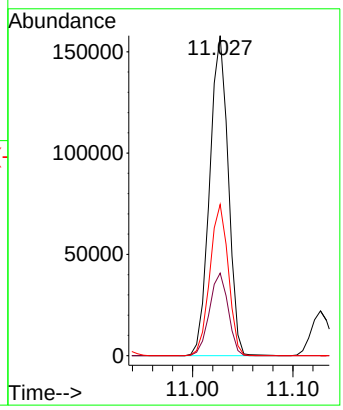




#69
Atrazine
Concen: 35.279 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:200 Resp: 20339

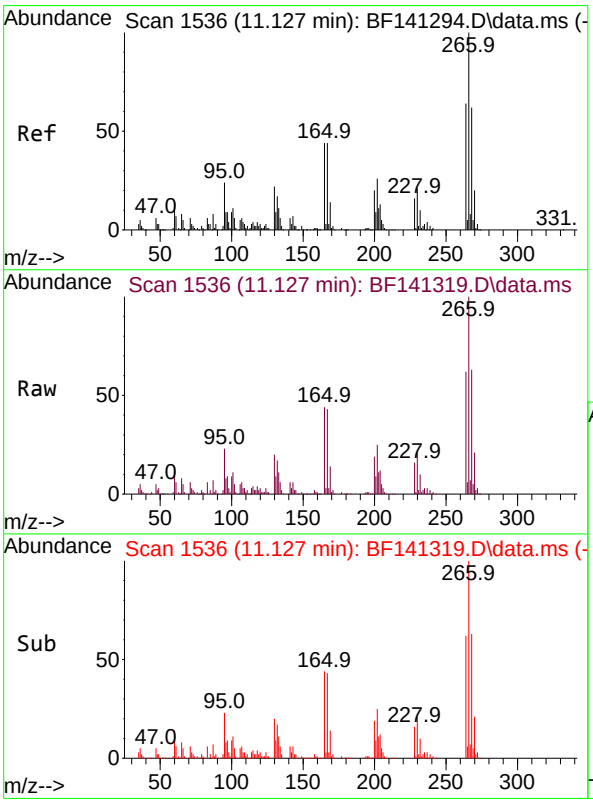
Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.9	45.9
215	47.2	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

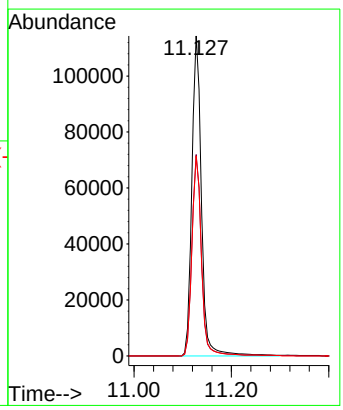
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

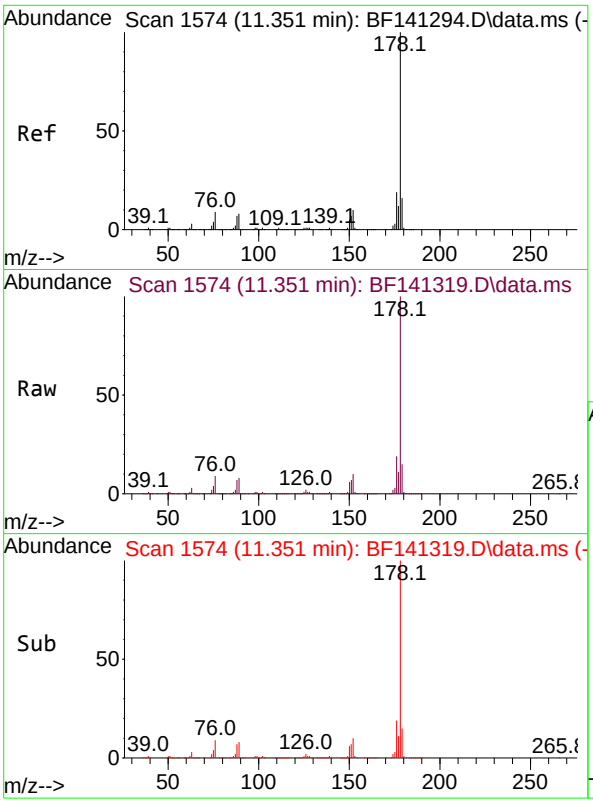


#70
Pentachlorophenol
Concen: 42.389 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:266 Resp: 157156

Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.9	74.9
264	62.4	51.0	76.4

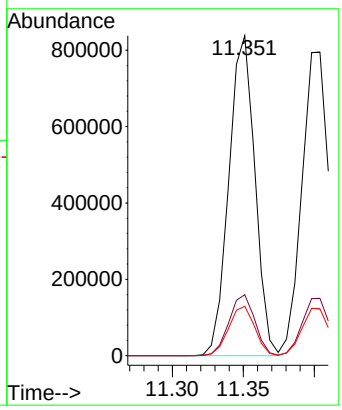




#71
Phenanthrene
Concen: 37.346 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:178 Resp: 107027

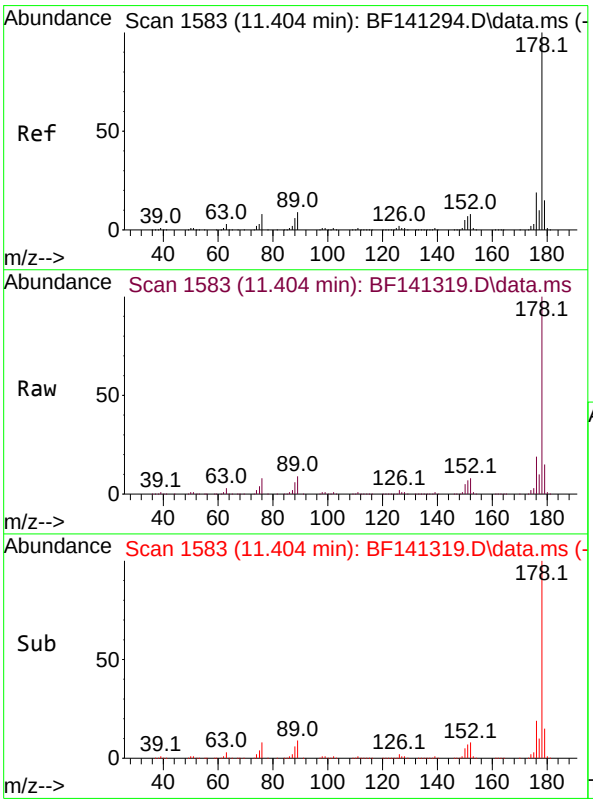
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

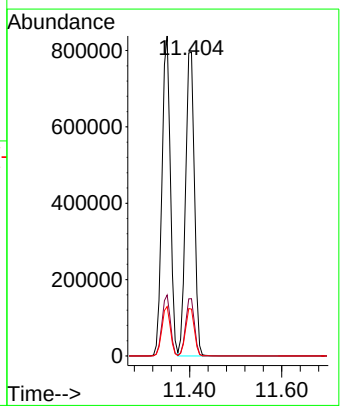
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

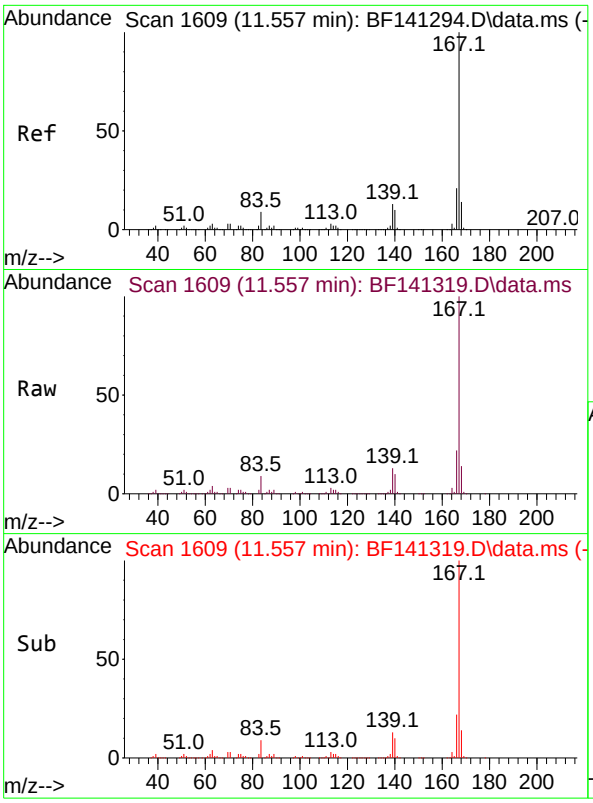


#72
Anthracene
Concen: 37.774 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:178 Resp: 1060701

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5

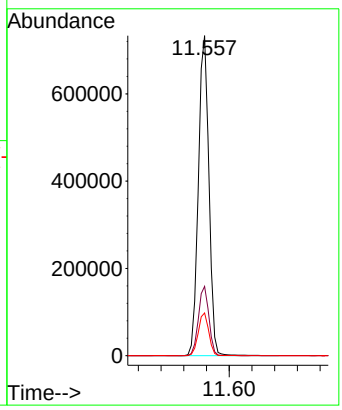




#73
Carbazole
Concen: 38.041 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:167 Resp: 94718

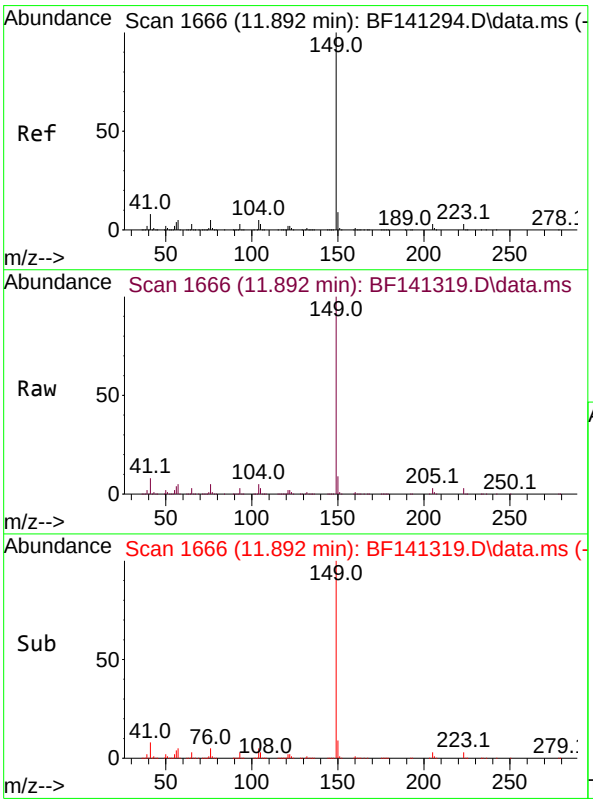
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.4	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

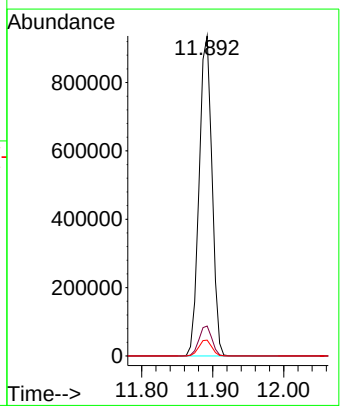
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

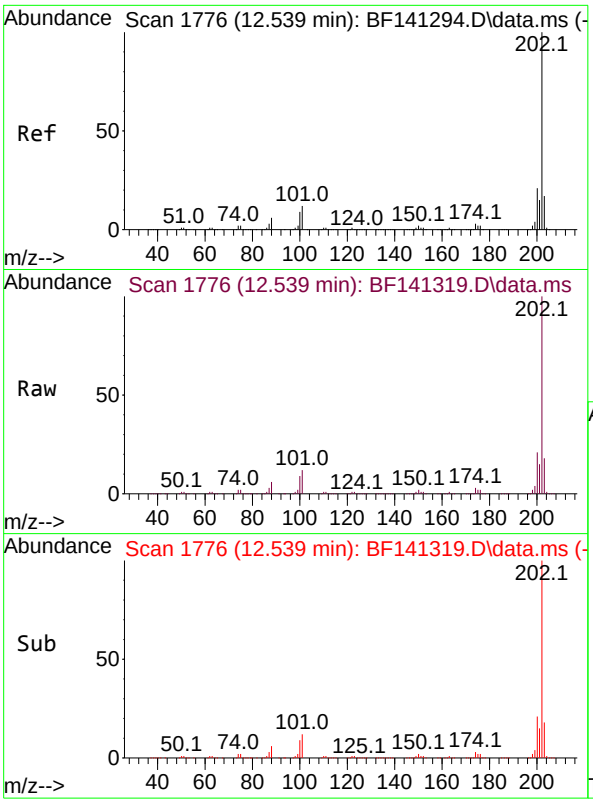


#74
Di-n-butylphthalate
Concen: 39.126 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 1180612

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	3.9	5.9

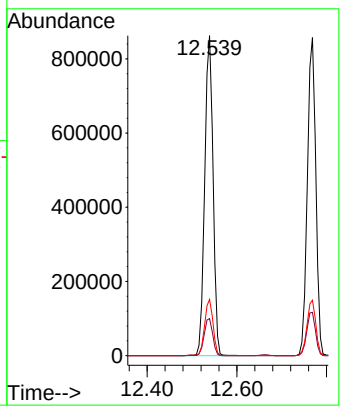




#75
Fluoranthene
Concen: 39.305 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:202 Resp: 111220

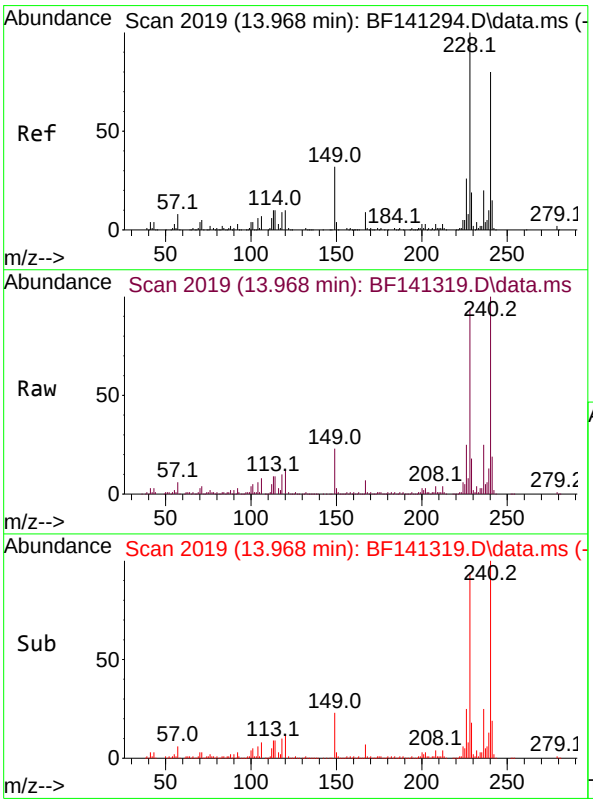
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

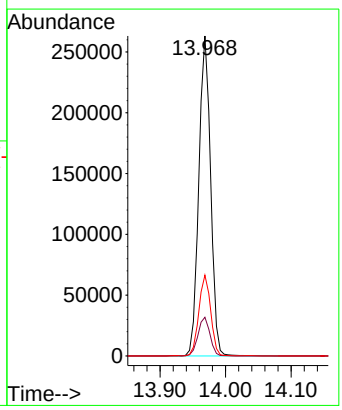
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

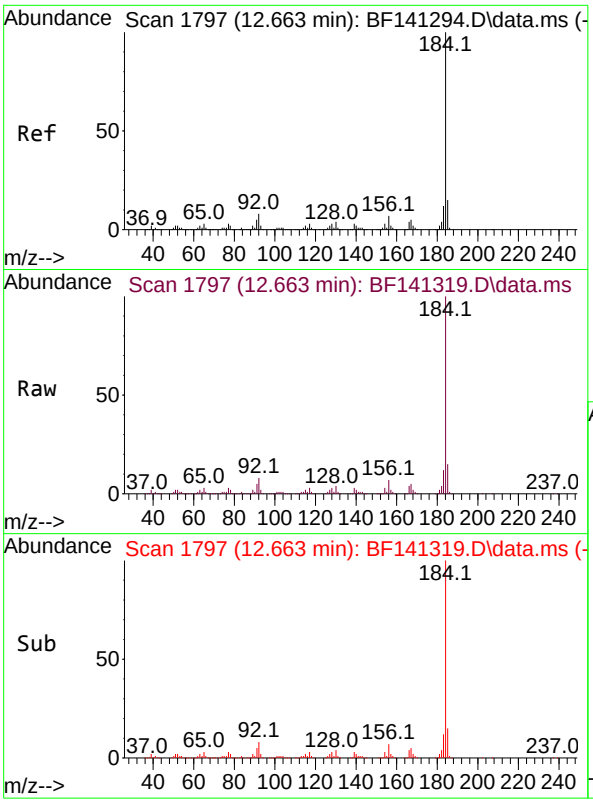


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:240 Resp: 330369

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.0	15.0
236	25.3	19.7	29.5

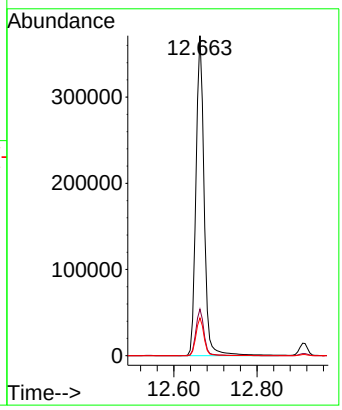




#77
Benzidine
Concen: 48.042 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:184 Resp: 50881

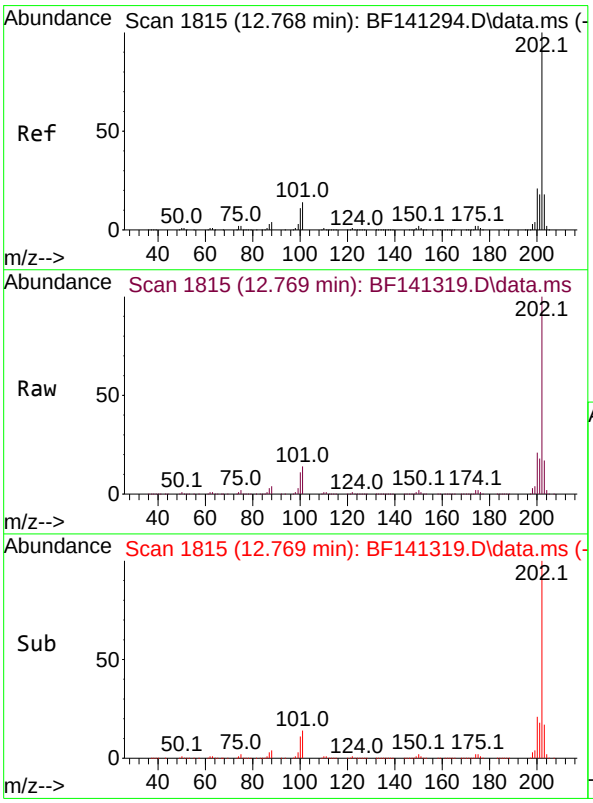
Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.9	17.9
183	11.8	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

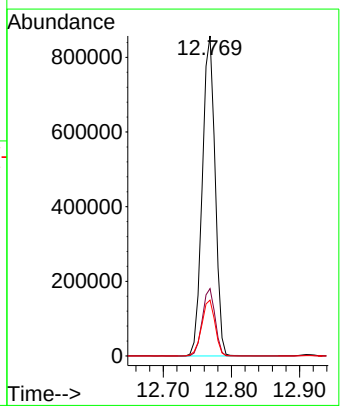
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

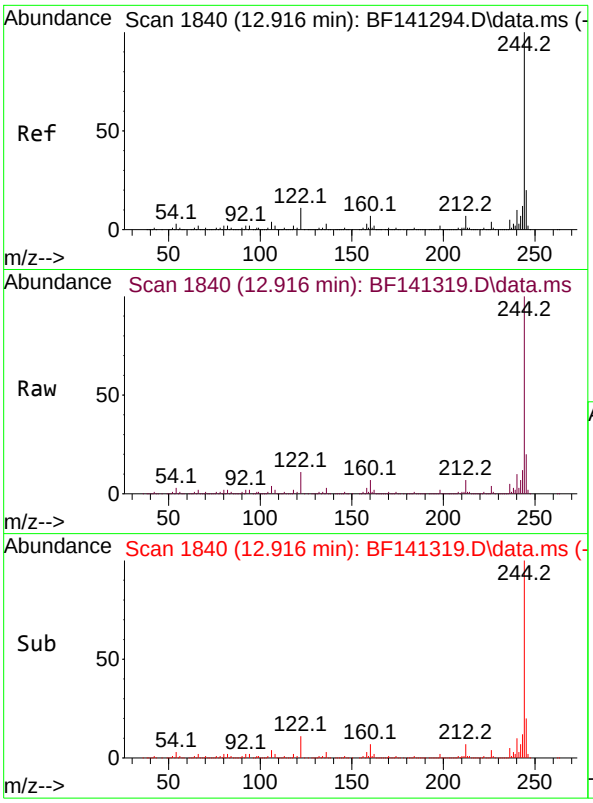


#78
Pyrene
Concen: 35.343 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:202 Resp: 1120815

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.3	21.5

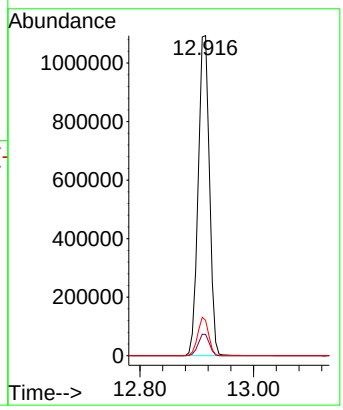




#79
Terphenyl-d14
Concen: 70.329 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:244 Resp: 150659

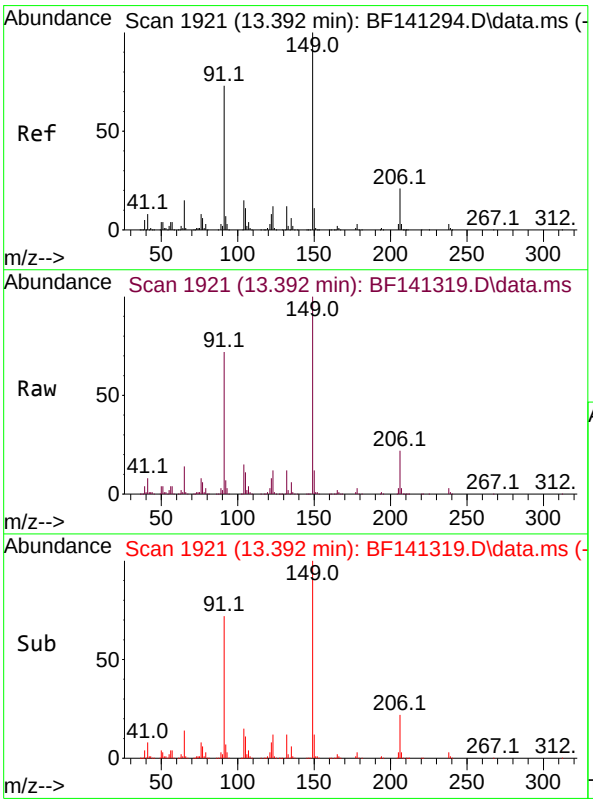
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

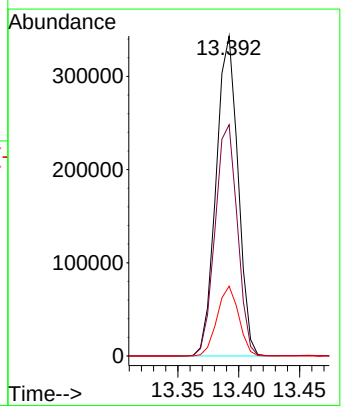
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

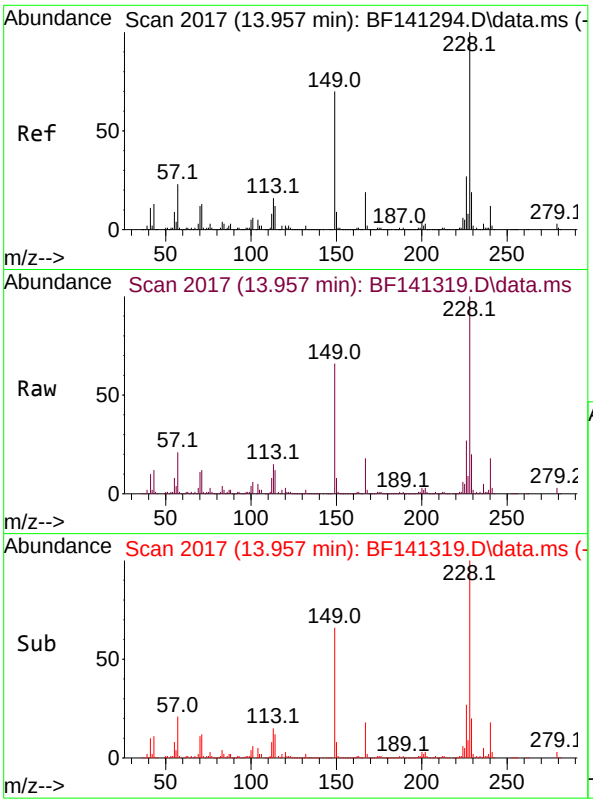


#80
Butylbenzylphthalate
Concen: 38.853 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 430451

Ion	Ratio	Lower	Upper
149	100		
91	72.3	58.6	87.8
206	21.8	16.7	25.1

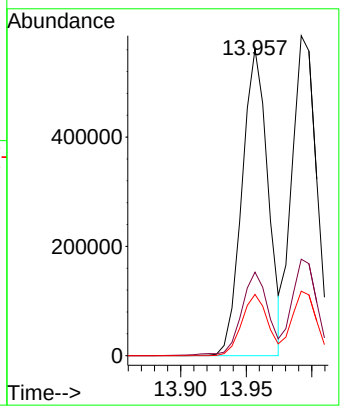




#81
Benzo(a)anthracene
Concen: 33.869 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:228 Resp: 77211

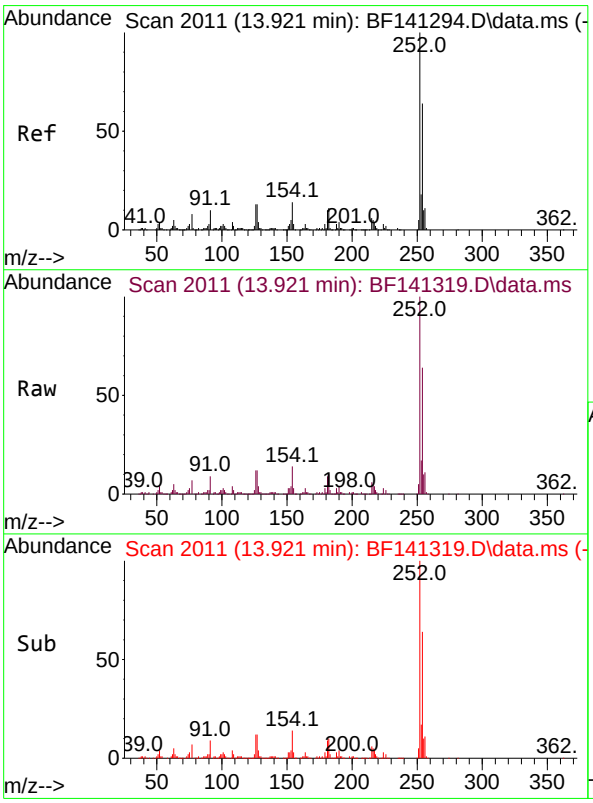
Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	20.0	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

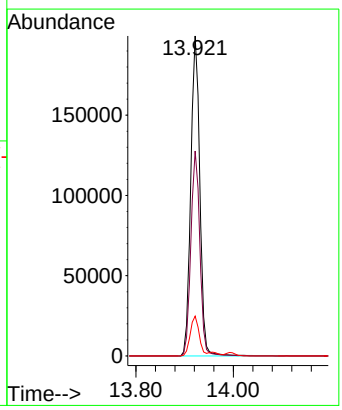
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

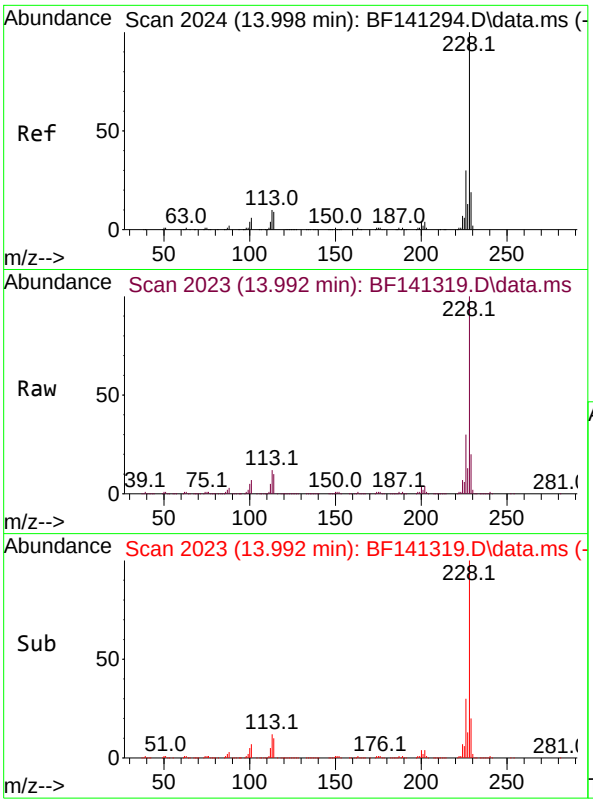


#82
3,3'-Dichlorobenzidine
Concen: 35.631 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 258352

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.5	10.0	15.0

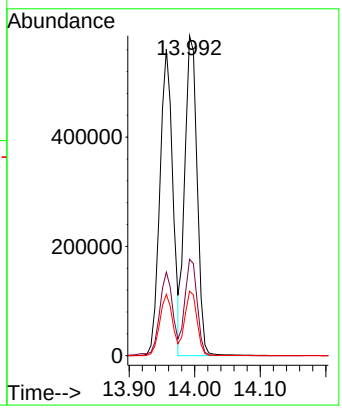




#83
Chrysene
Concen: 36.546 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:228 Resp: 76356(

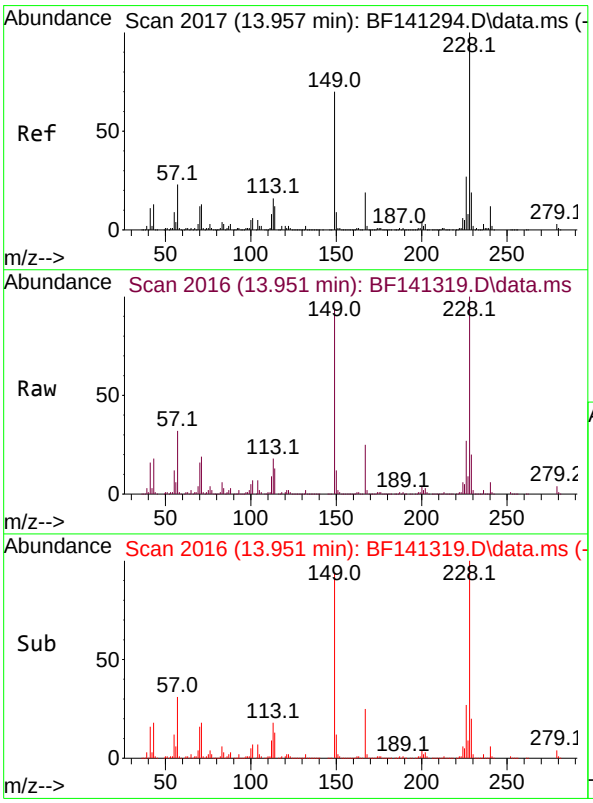
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.2	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

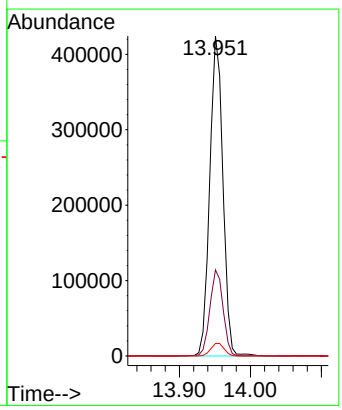
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

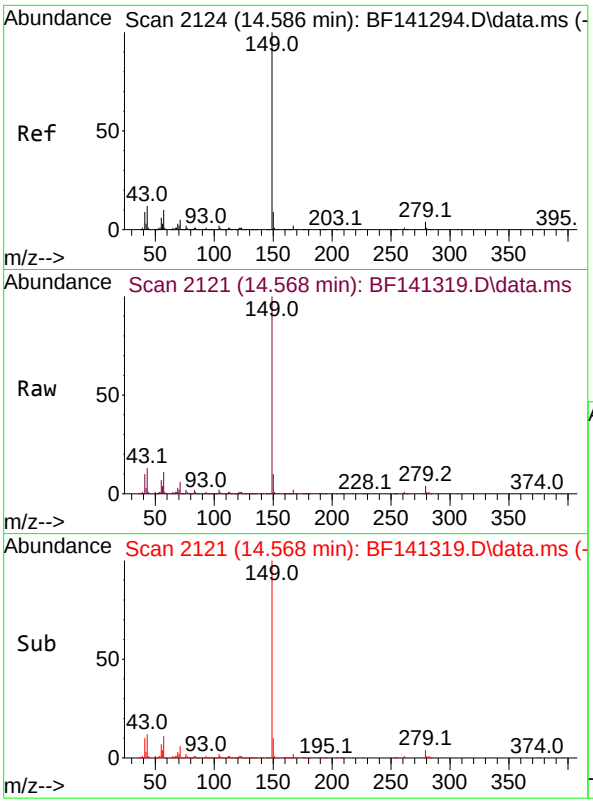


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.782 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 545048

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 38.619 ng
RT: 14.568 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

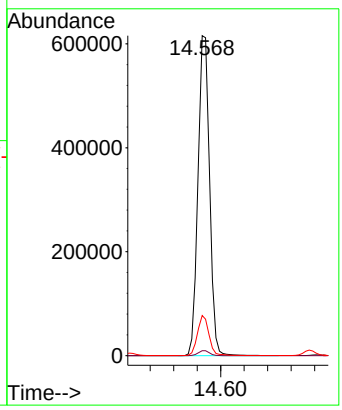
Tgt Ion:149 Resp: 84300

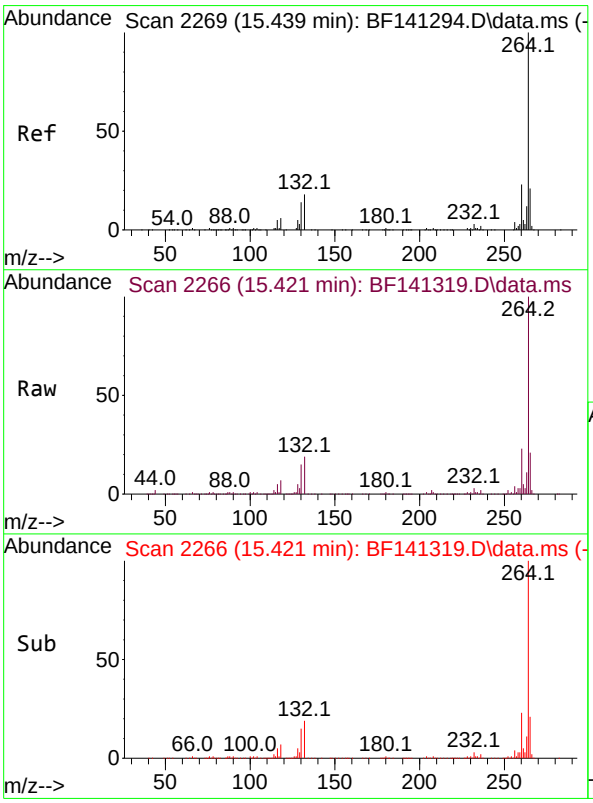
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	9.8	14.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

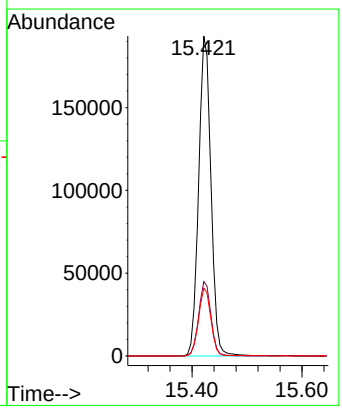


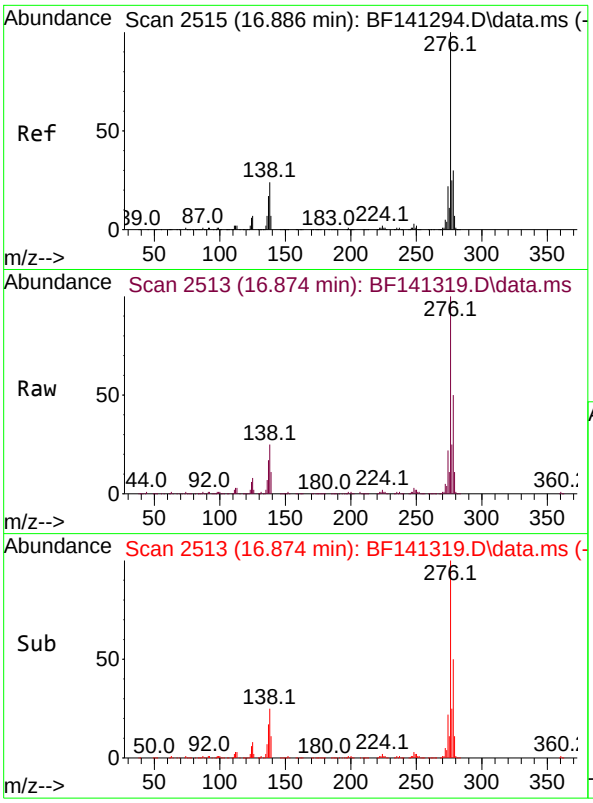


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:264 Resp: 300994

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.2	16.7	25.1

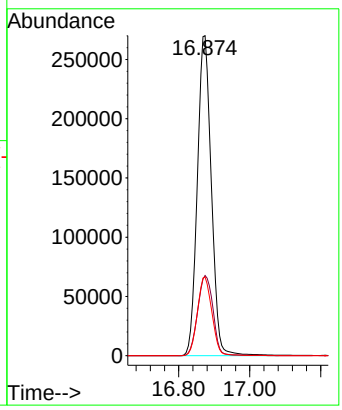




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.201 ng
RT: 16.874 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:276 Resp: 74213

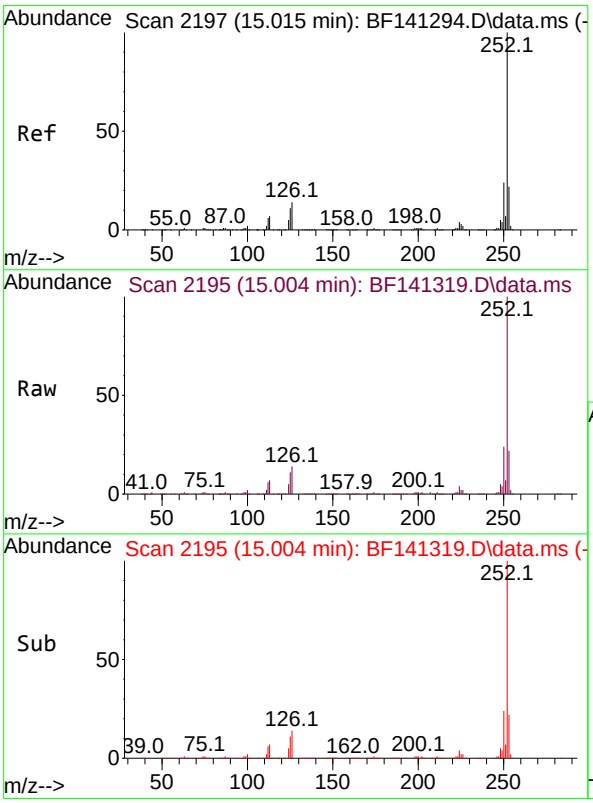
Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.7	32.5
277	25.4	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

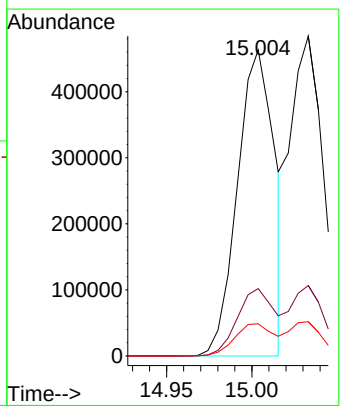
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

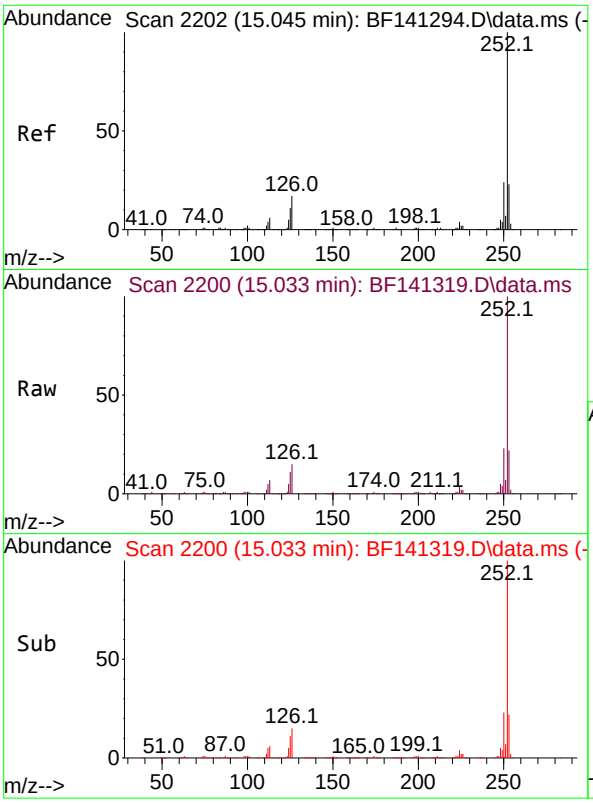


#88
Benzo(b)fluoranthene
Concen: 36.848 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 697649

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.5	8.6	12.8

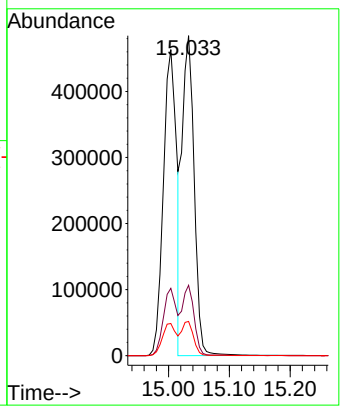




#89
Benzo(k)fluoranthene
Concen: 39.698 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 66583

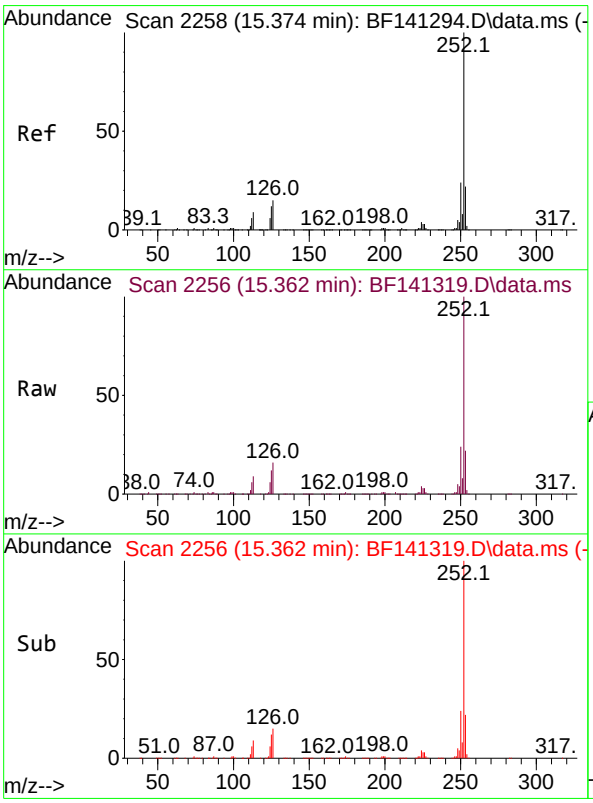
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

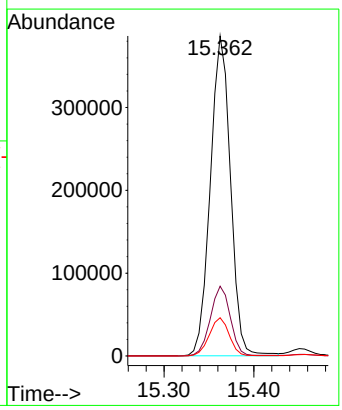
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

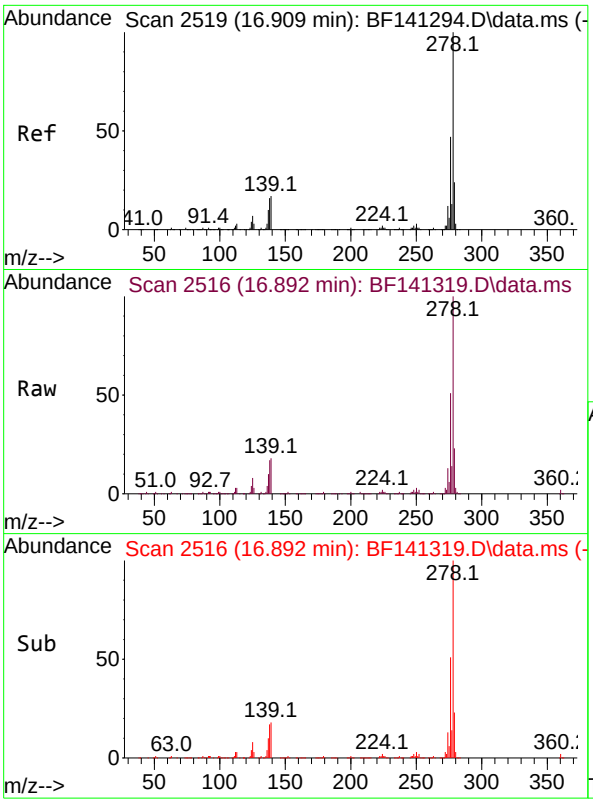


#90
Benzo(a)pyrene
Concen: 37.684 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 602926

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.9	9.4	14.2

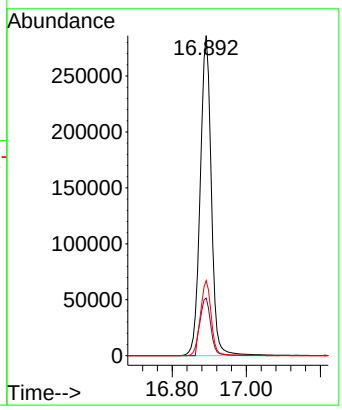




#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 16.892 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:278 Resp: 59486

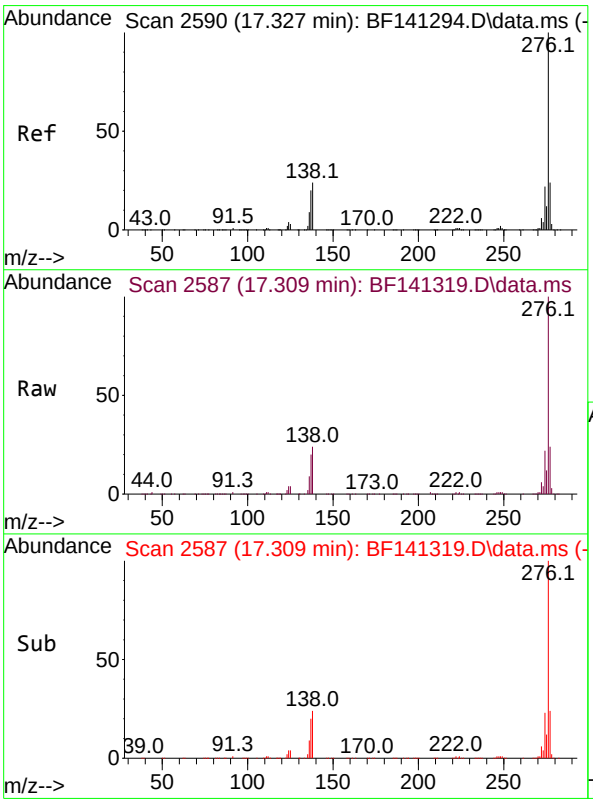
Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.9	20.9
279	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

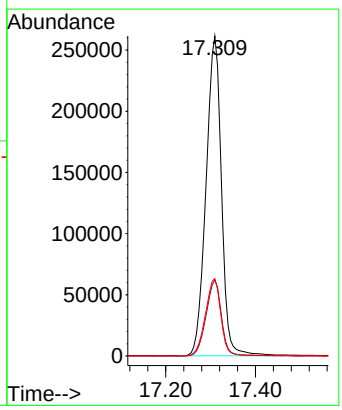
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.327 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:276 Resp: 622871

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.2	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	113	0.00
2		1,4-Dioxane	0.573	0.525	8.4	110	0.00
3		Pyridine	1.380	1.326	3.9	113	-0.02
4		n-Nitrosodimethylamine	0.789	0.746	5.4	112	-0.03
5	S	2-Fluorophenol	1.303	1.183	9.2	111	0.00
6		Aniline	1.403	1.341	4.4	111	0.00
7	S	Phenol-d6	1.657	1.527	7.8	113	-0.01
8		2-Chlorophenol	1.396	1.292	7.4	112	-0.01
9		Benzaldehyde	0.960	0.896	6.7	113	0.00
10	C	Phenol	1.757	1.628	7.3	112	-0.01
11		bis(2-Chloroethyl)ether	1.347	1.232	8.5	113	0.00
12		1,3-Dichlorobenzene	1.540	1.406	8.7	111	0.00
13	C	1,4-Dichlorobenzene	1.547	1.421	8.1	112	0.00
14		1,2-Dichlorobenzene	1.448	1.306	9.8	110	0.00
15		Benzyl Alcohol	1.133	1.056	6.8	110	0.00
16		2,2'-oxybis(1-Chloropropane	2.342	2.159	7.8	111	0.00
17		2-Methylphenol	1.135	1.020	10.1	110	0.00
18		Hexachloroethane	0.571	0.523	8.4	111	0.00
19	P	n-Nitroso-di-n-propylamine	0.985	0.876	11.1	110	-0.01
20		3+4-Methylphenols	1.393	1.273	8.6	111	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	112	0.00
22		Acetophenone	0.475	0.424	10.7	109	0.00
23	S	Nitrobenzene-d5	0.379	0.350	7.7	111	0.00
24		Nitrobenzene	0.393	0.364	7.4	110	-0.01
25		Isophorone	0.656	0.608	7.3	112	0.00
26	C	2-Nitrophenol	0.185	0.177	4.3	112	0.00
27		2,4-Dimethylphenol	0.236	0.221	6.4	110	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.386	7.7	111	0.00
29	C	2,4-Dichlorophenol	0.289	0.266	8.0	110	0.00
30		1,2,4-Trichlorobenzene	0.330	0.299	9.4	111	0.00
31		Naphthalene	1.057	0.961	9.1	110	0.00
32		Benzoic acid	0.217	0.225	-3.7	114	-0.03
33		4-Chloroaniline	0.358	0.328	8.4	109	0.00
34	C	Hexachlorobutadiene	0.194	0.178	8.2	112	0.00
35		Caprolactam	0.094	0.089	5.3	113	-0.02
36	C	4-Chloro-3-methylphenol	0.310	0.288	7.1	113	0.00
37		2-Methylnaphthalene	0.672	0.609	9.4	109	0.00
38		1-Methylnaphthalene	0.660	0.594	10.0	110	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	113	0.00
40		1,2,4,5-Tetrachlorobenzene	0.569	0.519	8.8	110	0.00
41	P	Hexachlorocyclopentadiene	0.168	0.166	1.2	109	0.00
42	S	2,4,6-Tribromophenol	0.183	0.174	4.9	114	0.00
43	C	2,4,6-Trichlorophenol	0.372	0.349	6.2	108	0.00
44		2,4,5-Trichlorophenol	0.405	0.372	8.1	111	0.00
45	S	2-Fluorobiphenyl	1.299	1.133	12.8	108	0.00
46		1,1'-Biphenyl	1.560	1.404	10.0	109	0.00
47		2-Chloronaphthalene	1.216	1.090	10.4	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	0.382	0.366	4.2	113	0.00
49		Acenaphthylene	1.702	1.534	9.9	109	0.00
50		Dimethylphthalate	1.351	1.236	8.5	113	0.00
51		2,6-Dinitrotoluene	0.314	0.294	6.4	112	0.00
52	C	Acenaphthene	1.216	1.118	8.1	112	0.00
53		3-Nitroaniline	0.307	0.294	4.2	110	0.00
54	P	2,4-Dinitrophenol	0.146	0.150	-2.7	115	0.00
55		Dibenzofuran	1.627	1.479	9.1	110	0.00
56	P	4-Nitrophenol	0.225	0.224	0.4	113	-0.01
57		2,4-Dinitrotoluene	0.406	0.387	4.7	113	0.00
58		Fluorene	1.262	1.132	10.3	109	0.00
59		2,3,4,6-Tetrachlorophenol	0.319	0.309	3.1	115	0.00
60		Diethylphthalate	1.310	1.219	6.9	112	0.00
61		4-Chlorophenyl-phenylether	0.617	0.557	9.7	111	0.00
62		4-Nitroaniline	0.302	0.290	4.0	113	-0.01
63		Azobenzene	1.311	1.218	7.1	112	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	116	0.00
65		4,6-Dinitro-2-methylphenol	0.118	0.127	-7.6	118	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.604	6.6	112	0.00
67		4-Bromophenyl-phenylether	0.224	0.211	5.8	113	0.00
68		Hexachlorobenzene	0.238	0.223	6.3	113	0.00
69		Atrazine	0.216	0.191	11.6	104	0.00
70	C	Pentachlorophenol	0.139	0.147	-5.8	120	0.00
71		Phenanthrene	1.075	1.004	6.6	114	0.00
72		Anthracene	1.053	0.995	5.5	115	0.00
73		Carbazole	0.934	0.888	4.9	115	0.00
74		Di-n-butylphthalate	1.132	1.107	2.2	119	0.00
75	C	Fluoranthene	1.062	1.043	1.8	120	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	127	0.00
77		Benzidine	0.641	0.770	-20.1	134	0.00
78		Pyrene	1.920	1.696	11.7	123	0.00
79	S	Terphenyl-d14	1.297	1.140	12.1	122	0.00
80		Butylbenzylphthalate	0.671	0.651	3.0	132	0.00
81		Benzo(a)anthracene	1.380	1.169	15.3	117	0.00
82		3,3'-Dichlorobenzidine	0.439	0.391	10.9	119	0.00
83		Chrysene	1.265	1.156	8.6	129	0.00
84		Bis(2-ethylhexyl)phthalate	0.851	0.825	3.1	133	0.00
85	c	Di-n-octyl phthalate	1.321	1.276	3.4	132	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	108	-0.02
87		Indeno(1,2,3-cd)pyrene	1.291	1.233	4.5	106	-0.02
88		Benzo(b)fluoranthene	1.258	1.159	7.9	111	-0.02
89		Benzo(k)fluoranthene	1.114	1.106	0.7	110	-0.02
90	C	Benzo(a)pyrene	1.063	1.002	5.7	107	-0.02
91		Dibenzo(a,h)anthracene	1.039	0.988	4.9	105	-0.03
92		Benzo(g,h,i)perylene	1.080	1.035	4.2	107	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	113	0.00
2		1,4-Dioxane	40.000	36.668	8.3	110	0.00
3		Pyridine	40.000	38.432	3.9	113	-0.02
4		n-Nitrosodimethylamine	40.000	37.837	5.4	112	-0.03
5	S	2-Fluorophenol	80.000	72.646	9.2	111	0.00
6		Aniline	40.000	38.228	4.4	111	0.00
7	S	Phenol-d6	80.000	73.709	7.9	113	-0.01
8		2-Chlorophenol	40.000	37.025	7.4	112	-0.01
9		Benzaldehyde	40.000	37.325	6.7	113	0.00
10	C	Phenol	40.000	37.071	7.3	112	-0.01
11		bis(2-Chloroethyl)ether	40.000	36.597	8.5	113	0.00
12		1,3-Dichlorobenzene	40.000	36.536	8.7	111	0.00
13	C	1,4-Dichlorobenzene	40.000	36.744	8.1	112	0.00
14		1,2-Dichlorobenzene	40.000	36.064	9.8	110	0.00
15		Benzyl Alcohol	40.000	37.279	6.8	110	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	36.868	7.8	111	0.00
17		2-Methylphenol	40.000	35.959	10.1	110	0.00
18		Hexachloroethane	40.000	36.695	8.3	111	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	35.594	11.0	110	-0.01
20		3+4-Methylphenols	40.000	36.543	8.6	111	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	112	0.00
22		Acetophenone	40.000	35.716	10.7	109	0.00
23	S	Nitrobenzene-d5	80.000	73.905	7.6	111	0.00
24		Nitrobenzene	40.000	37.084	7.3	110	-0.01
25		Isophorone	40.000	37.088	7.3	112	0.00
26	C	2-Nitrophenol	40.000	38.206	4.5	112	0.00
27		2,4-Dimethylphenol	40.000	37.421	6.4	110	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.868	7.8	111	0.00
29	C	2,4-Dichlorophenol	40.000	36.886	7.8	110	0.00
30		1,2,4-Trichlorobenzene	40.000	36.298	9.3	111	0.00
31		Naphthalene	40.000	36.385	9.0	110	0.00
32		Benzoic acid	40.000	41.447	-3.6	114	-0.03
33		4-Chloroaniline	40.000	36.648	8.4	109	0.00
34	C	Hexachlorobutadiene	40.000	36.815	8.0	112	0.00
35		Caprolactam	40.000	37.866	5.3	113	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.217	7.0	113	0.00
37		2-Methylnaphthalene	40.000	36.258	9.4	109	0.00
38		1-Methylnaphthalene	40.000	36.036	9.9	110	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	113	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.498	8.8	110	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.520	1.2	109	0.00
42	S	2,4,6-Tribromophenol	80.000	75.957	5.1	114	0.00
43	C	2,4,6-Trichlorophenol	40.000	37.520	6.2	108	0.00
44		2,4,5-Trichlorophenol	40.000	36.666	8.3	111	0.00
45	S	2-Fluorobiphenyl	80.000	69.744	12.8	108	0.00
46		1,1'-Biphenyl	40.000	36.015	10.0	109	0.00
47		2-Chloronaphthalene	40.000	35.869	10.3	110	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	38.256	4.4	113	0.00
49		Acenaphthylene	40.000	36.048	9.9	109	0.00
50		Dimethylphthalate	40.000	36.602	8.5	113	0.00
51		2,6-Dinitrotoluene	40.000	37.549	6.1	112	0.00
52	C	Acenaphthene	40.000	36.779	8.1	112	0.00
53		3-Nitroaniline	40.000	38.231	4.4	110	0.00
54	P	2,4-Dinitrophenol	40.000	41.050	-2.6	115	0.00
55		Dibenzofuran	40.000	36.361	9.1	110	0.00
56	P	4-Nitrophenol	40.000	39.779	0.6	113	-0.01
57		2,4-Dinitrotoluene	40.000	38.150	4.6	113	0.00
58		Fluorene	40.000	35.862	10.3	109	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.756	3.1	115	0.00
60		Diethylphthalate	40.000	37.235	6.9	112	0.00
61		4-Chlorophenyl-phenylether	40.000	36.144	9.6	111	0.00
62		4-Nitroaniline	40.000	38.331	4.2	113	-0.01
63		Azobenzene	40.000	37.170	7.1	112	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	116	0.00
65		4,6-Dinitro-2-methylphenol	40.000	42.895	-7.2	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.318	6.7	112	0.00
67		4-Bromophenyl-phenylether	40.000	37.613	6.0	113	0.00
68		Hexachlorobenzene	40.000	37.501	6.2	113	0.00
69		Atrazine	40.000	35.279	11.8	104	0.00
70	C	Pentachlorophenol	40.000	42.389	-6.0	120	0.00
71		Phenanthrene	40.000	37.346	6.6	114	0.00
72		Anthracene	40.000	37.774	5.6	115	0.00
73		Carbazole	40.000	38.041	4.9	115	0.00
74		Di-n-butylphthalate	40.000	39.126	2.2	119	0.00
75	C	Fluoranthene	40.000	39.305	1.7	120	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	127	0.00
77		Benzidine	40.000	48.042	-20.1	134	0.00
78		Pyrene	40.000	35.343	11.6	123	0.00
79	S	Terphenyl-d14	80.000	70.329	12.1	122	0.00
80		Butylbenzylphthalate	40.000	38.853	2.9	132	0.00
81		Benzo(a)anthracene	40.000	33.869	15.3	117	0.00
82		3,3'-Dichlorobenzidine	40.000	35.631	10.9	119	0.00
83		Chrysene	40.000	36.546	8.6	129	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.782	3.0	133	0.00
85	c	Di-n-octyl phthalate	40.000	38.619	3.5	132	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	108	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	38.201	4.5	106	-0.02
88		Benzo(b)fluoranthene	40.000	36.848	7.9	111	-0.02
89		Benzo(k)fluoranthene	40.000	39.698	0.8	110	-0.02
90	C	Benzo(a)pyrene	40.000	37.684	5.8	107	-0.02
91		Dibenzo(a,h)anthracene	40.000	38.060	4.8	105	-0.03
92		Benzo(g,h,i)perylene	40.000	38.327	4.2	107	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 16:26

Lab File ID: BF141334.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.303	1.199		-8.0	50.0
Benzaldehyde	0.960	0.942		-1.9	50.0
Phenol-d6	1.657	1.505		-9.2	50.0
Phenol	1.757	1.599		-9.0	50.0
bis(2-Chloroethyl)ether	1.347	1.234		-8.4	50.0
2-Chlorophenol	1.396	1.293		-7.4	50.0
2-Methylphenol	1.135	1.044		-8.0	50.0
2,2-oxybis(1-Chloropropane)	2.342	2.170		-7.3	50.0
Acetophenone	0.475	0.424		-10.7	50.0
3+4-Methylphenols	1.393	1.246		-10.6	50.0
n-Nitroso-di-n-propylamine	0.985	0.895	0.050	-9.1	50.0
Nitrobenzene-d5	0.379	0.346		-8.7	50.0
Hexachloroethane	0.571	0.527		-7.7	50.0
Nitrobenzene	0.393	0.361		-8.1	50.0
Isophorone	0.656	0.606		-7.6	50.0
2-Nitrophenol	0.185	0.173		-6.5	50.0
2,4-Dimethylphenol	0.236	0.221		-6.4	50.0
bis(2-Chloroethoxy)methane	0.418	0.382		-8.6	50.0
2,4-Dichlorophenol	0.289	0.267		-7.6	50.0
Naphthalene	1.057	0.951		-10.0	50.0
4-Chloroaniline	0.358	0.318		-11.2	50.0
Hexachlorobutadiene	0.194	0.176		-9.3	50.0
Caprolactam	0.094	0.090		-4.3	50.0
4-Chloro-3-methylphenol	0.310	0.291		-6.1	50.0
2-Methylnaphthalene	0.672	0.604		-10.1	50.0
Hexachlorocyclopentadiene	0.168	0.165	0.050	-1.8	50.0
2,4,6-Trichlorophenol	0.372	0.354		-4.8	50.0
2-Fluorobiphenyl	1.299	1.144		-11.9	50.0
2,4,5-Trichlorophenol	0.405	0.376		-7.2	50.0
1,1-Biphenyl	1.560	1.407		-9.8	50.0
2-Chloronaphthalene	1.216	1.096		-9.9	50.0
2-Nitroaniline	0.382	0.361		-5.5	50.0
Dimethylphthalate	1.351	1.249		-7.6	50.0
Acenaphthylene	1.702	1.553		-8.8	50.0
2,6-Dinitrotoluene	0.314	0.296		-5.7	50.0
3-Nitroaniline	0.307	0.286		-6.8	50.0
Acenaphthene	1.216	1.115		-8.3	50.0
2,4-Dinitrophenol	0.146	0.153	0.050	4.8	50.0
4-Nitrophenol	0.225	0.224	0.050	-0.4	50.0

Form VII SV-1

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: WEST04

Lab Code: CHEM Case No.: Q1211 SAS No.: Q1211 SDG No.: Q1211

Instrument ID: BNA_F Calibration Date/Time: 01/31/2025 16:26

Lab File ID: BF141334.D Init. Calib. Date(s): 01/29/2025 01/29/2025

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): 10:30 17:05

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.627	1.463		-10.1	50.0
2,4-Dinitrotoluene	0.406	0.391		-3.7	50.0
Diethylphthalate	1.310	1.218		-7.0	50.0
4-Chlorophenyl-phenylether	0.617	0.557		-9.7	50.0
Fluorene	1.262	1.133		-10.2	50.0
4-Nitroaniline	0.302	0.291		-3.6	50.0
4,6-Dinitro-2-methylphenol	0.118	0.131		11.0	50.0
n-Nitrosodiphenylamine	0.647	0.602		-7.0	50.0
2,4,6-Tribromophenol	0.183	0.173		-5.5	50.0
4-Bromophenyl-phenylether	0.224	0.216		-3.6	50.0
Hexachlorobenzene	0.238	0.225		-5.5	50.0
Atrazine	0.216	0.188		-13.0	50.0
Pentachlorophenol	0.139	0.148		6.5	50.0
Phenanthrene	1.075	1.000		-7.0	50.0
Anthracene	1.053	0.994		-5.6	50.0
Carbazole	0.934	0.896		-4.1	50.0
Di-n-butylphthalate	1.132	1.121		-1.0	50.0
Fluoranthene	1.062	1.024		-3.6	50.0
Pyrene	1.920	1.719		-10.5	50.0
Terphenyl-d14	1.297	1.148		-11.5	50.0
Butylbenzylphthalate	0.671	0.661		-1.5	50.0
3,3-Dichlorobenzidine	0.439	0.398		-9.3	50.0
Benzo(a)anthracene	1.380	1.207		-12.5	50.0
Chrysene	1.265	1.129		-10.8	50.0
Bis(2-ethylhexyl)phthalate	0.851	0.822		-3.4	50.0
Di-n-octyl phthalate	1.321	1.290		-2.3	50.0
Benzo(b)fluoranthene	1.258	1.221		-2.9	50.0
Benzo(k)fluoranthene	1.114	0.965		-13.4	50.0
Benzo(a)pyrene	1.063	0.991		-6.8	50.0
Indeno(1,2,3-cd)pyrene	1.291	1.211		-6.2	50.0
Dibenzo(a,h)anthracene	1.039	0.975		-6.2	50.0
Benzo(g,h,i)perylene	1.080	1.035		-4.2	50.0
1,2,4,5-Tetrachlorobenzene	0.569	0.524		-7.9	50.0
1,4-Dioxane	0.573	0.544		-5.1	50.0
2,3,4,6-Tetrachlorophenol	0.319	0.307		-3.8	50.0

All other compounds must meet a minimum RRF of 0.010.

Form VII SV-1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164970	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647909	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341541	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	566479	20.000	ng	0.00
76) Chrysene-d12	13.968	240	341440	20.000	ng	0.00
86) Perylene-d12	15.439	264	331116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	791139	73.623	ng	0.00
7) Phenol-d6	6.428	99	993362	72.667	ng	-0.01
23) Nitrobenzene-d5	7.363	82	896200	72.918	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235886	75.335	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1562690	70.424	ng	0.00
79) Terphenyl-d14	12.915	244	1567460	70.798	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	179518	37.986	ng	99
3) Pyridine	3.210	79	436407	38.326	ng	99
4) n-Nitrosodimethylamine	3.163	42	248931	38.269	ng	99
6) Aniline	6.463	93	439932	38.018	ng	99
8) 2-Chlorophenol	6.586	128	426501	37.030	ng	96
9) Benzaldehyde	6.345	77	310932	39.268	ng	99
10) Phenol	6.445	94	527421	36.397	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	407197	36.649	ng	98
12) 1,3-Dichlorobenzene	6.739	146	469100	36.939	ng	99
13) 1,4-Dichlorobenzene	6.816	146	473169	37.089	ng	100
14) 1,2-Dichlorobenzene	6.969	146	432488	36.203	ng	99
15) Benzyl Alcohol	6.939	79	350130	37.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	715839	37.050	ng	99
17) 2-Methylphenol	7.051	107	344483	36.801	ng	99
18) Hexachloroethane	7.310	117	173871	36.943	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295405	36.368	ng	97
20) 3+4-Methylphenols	7.204	107	411022	35.761	ng	99
22) Acetophenone	7.210	105	548834	35.637	ng	99
24) Nitrobenzene	7.381	77	467777	36.727	ng	99
25) Isophorone	7.622	82	785054	36.952	ng	99
26) 2-Nitrophenol	7.698	139	224162	37.318	ng	100
27) 2,4-Dimethylphenol	7.733	122	286982m	37.535	ng	
28) bis(2-Chloroethoxy)met...	7.833	93	494480	36.489	ng	100
29) 2,4-Dichlorophenol	7.939	162	346397	37.008	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	385139	36.030	ng	99
31) Naphthalene	8.104	128	1231790	35.989	ng	99
32) Benzoic acid	7.851	122	298299m	42.441	ng	
33) 4-Chloroaniline	8.151	127	411817	35.481	ng	99
34) Hexachlorobutadiene	8.222	225	227599	36.308	ng	99
35) Caprolactam	8.528	113	116667	38.166	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	376529	37.503	ng	98
37) 2-Methylnaphthalene	8.792	142	782487	35.969	ng	98
38) 1-Methylnaphthalene	8.892	142	767501	35.916	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	357735	36.817	ng	100
41) Hexachlorocyclopentadiene	8.945	237	112765	39.297	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	241760	38.014	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256970	37.124	ng	100
46) 1,1'-Biphenyl	9.257	154	961081	36.082	ng	99
47) 2-Chloronaphthalene	9.286	162	748367	36.046	ng	99
48) 2-Nitroaniline	9.380	65	246493	37.746	ng	99
49) Acenaphthylene	9.698	152	1061017	36.509	ng	100
50) Dimethylphthalate	9.563	163	853360	36.994	ng	100
51) 2,6-Dinitrotoluene	9.622	165	202525	37.813	ng	98
52) Acenaphthene	9.875	154	761516	36.678	ng	100
53) 3-Nitroaniline	9.792	138	195318	37.207	ng	100
54) 2,4-Dinitrophenol	9.898	184	104461	41.956	ng	97
55) Dibenzofuran	10.045	168	999283	35.957	ng	100
56) 4-Nitrophenol	9.951	139	152830	39.808	ng	98
57) 2,4-Dinitrotoluene	10.027	165	267112	38.519	ng	99
58) Fluorene	10.386	166	773726	35.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209383	38.450	ng	99
60) Diethylphthalate	10.263	149	832152	37.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	380628	36.147	ng	100
62) 4-Nitroaniline	10.404	138	198535	38.469	ng	99
63) Azobenzene	10.539	77	831958	37.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	148537	44.330	ng	99
66) n-Nitrosodiphenylamine	10.498	169	682549	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	244392	38.536	ng	98
68) Hexachlorobenzene	10.933	284	255323	37.954	ng	99
69) Atrazine	11.027	200	213403	34.836	ng	98
70) Pentachlorophenol	11.127	266	167246	42.456	ng	99
71) Phenanthrene	11.351	178	1133127	37.212	ng	99
72) Anthracene	11.404	178	1126615	37.760	ng	99
73) Carbazole	11.557	167	1014712	38.354	ng	99
74) Di-n-butylphthalate	11.892	149	1270081	39.613	ng	100
75) Fluoranthene	12.539	202	1159837	38.576	ng	100
77) Benzidine	12.663	184	393366	35.937	ng	99
78) Pyrene	12.768	202	1173910	35.817	ng	100
80) Butylbenzylphthalate	13.392	149	451201	39.406	ng	99
81) Benzo(a)anthracene	13.957	228	824181	34.980	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	272114	36.313	ng	99
83) Chrysene	13.998	228	770666	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	561147	38.633	ng	100
85) Di-n-octyl phthalate	14.586	149	880674	39.037	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	802001	37.527	ng	100
88) Benzo(b)fluoranthene	15.015	252	808478	38.817	ng	99
89) Benzo(k)fluoranthene	15.045	252	638999	34.632	ng	100
90) Benzo(a)pyrene	15.380	252	655984	37.270	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	645395	37.536	ng	99
92) Benzo(g,h,i)perylene	17.327	276	685709	38.355	ng	99

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

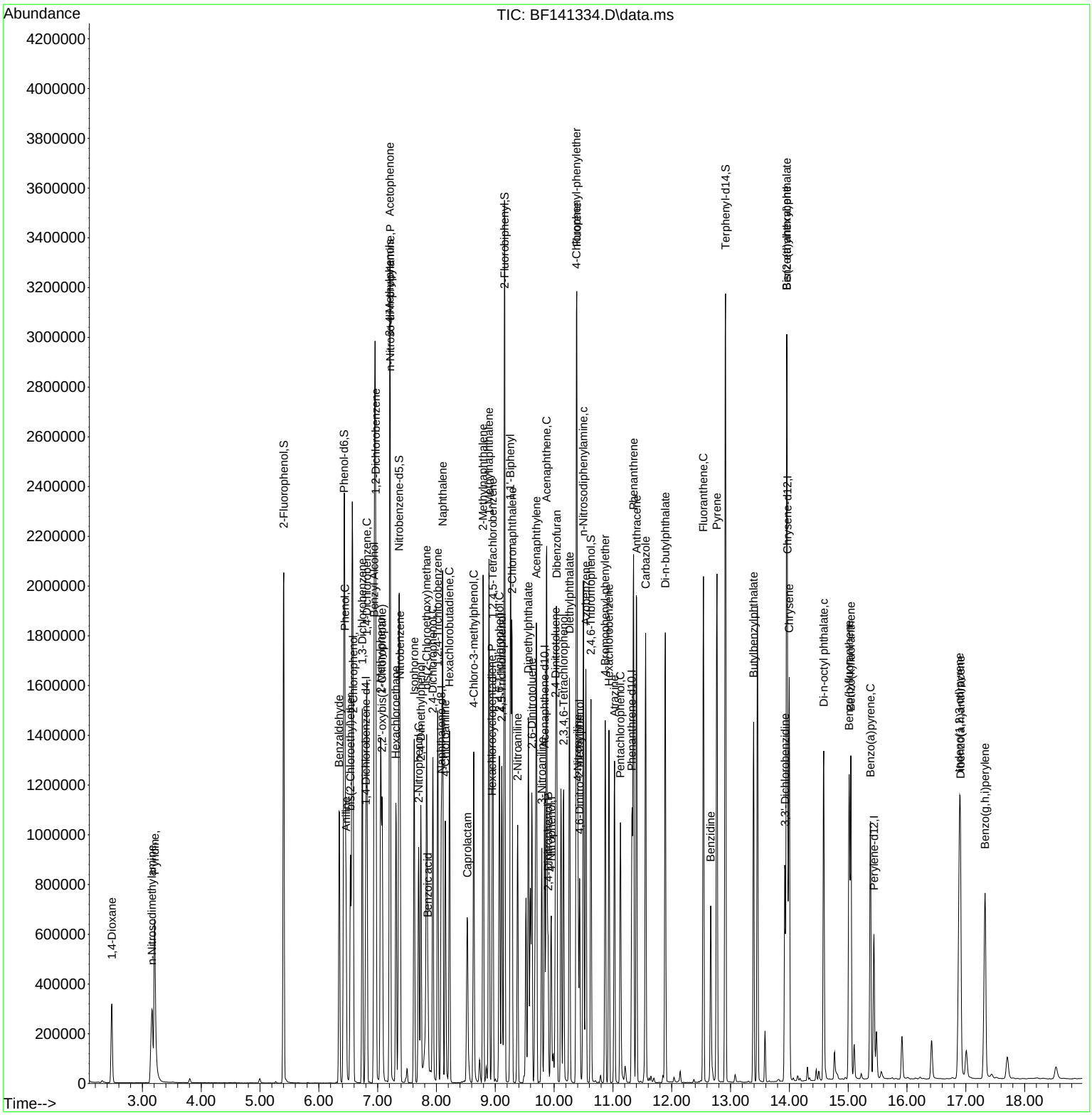
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Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

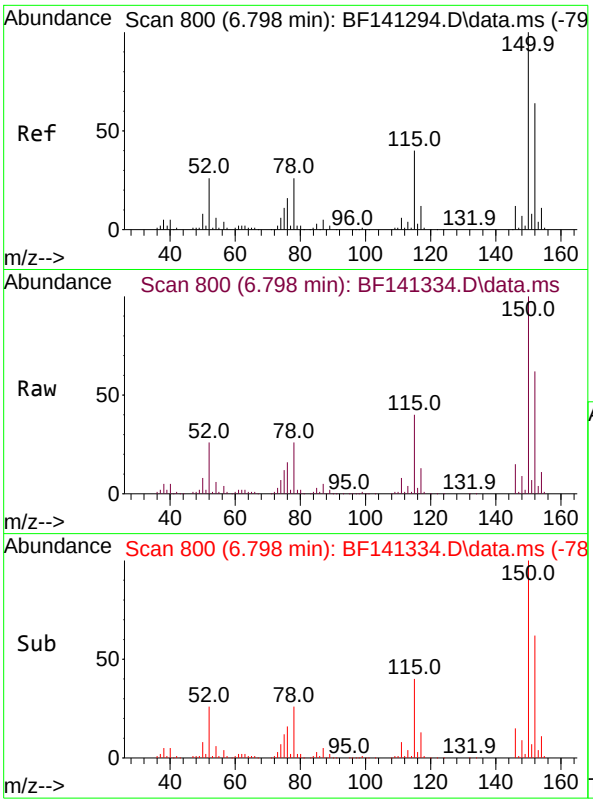
Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

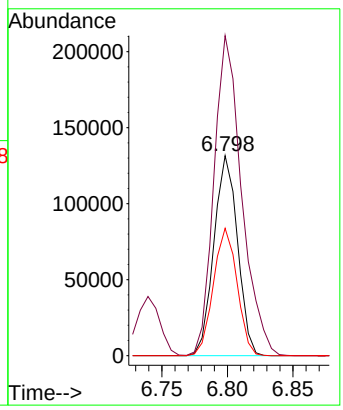




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8(
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:152 Resp: 16497(

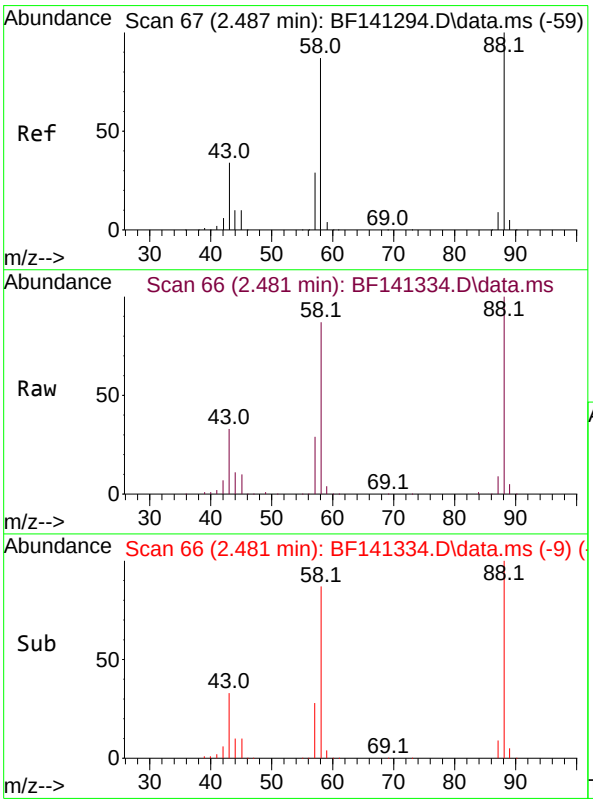
Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.9	188.9
115	63.7	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

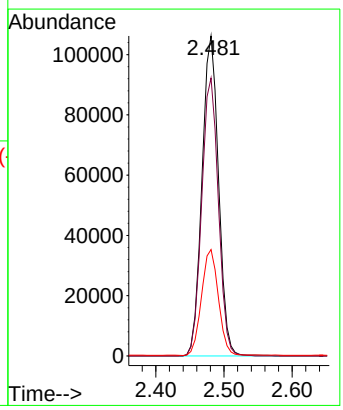
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

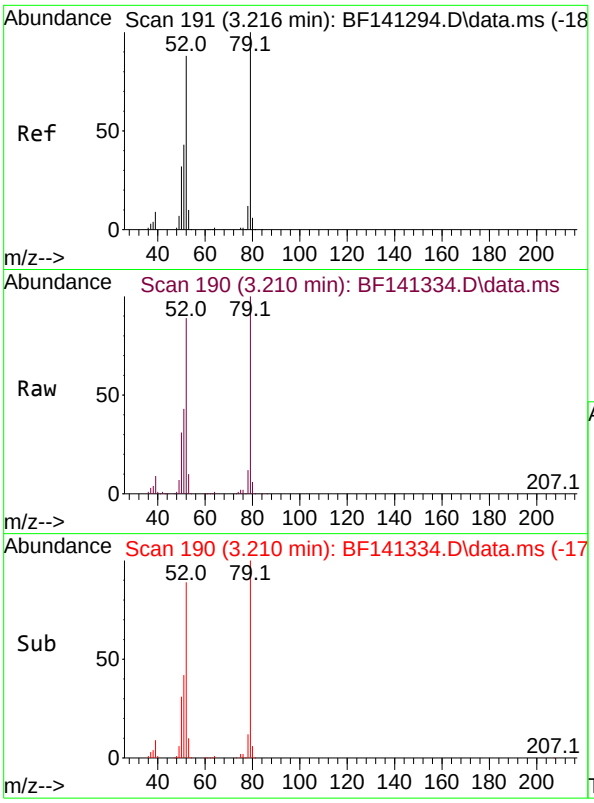


#2
1,4-Dioxane
Concen: 37.986 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 88 Resp: 179518

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.2	105.4
43	33.7	27.6	41.4

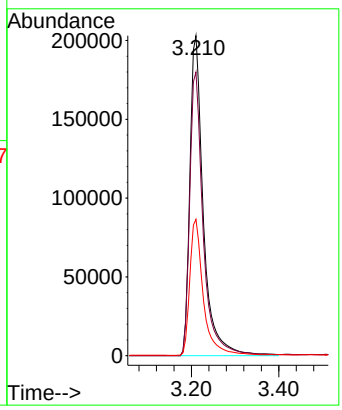




#3
Pyridine
Concen: 38.326 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 79 Resp: 43640

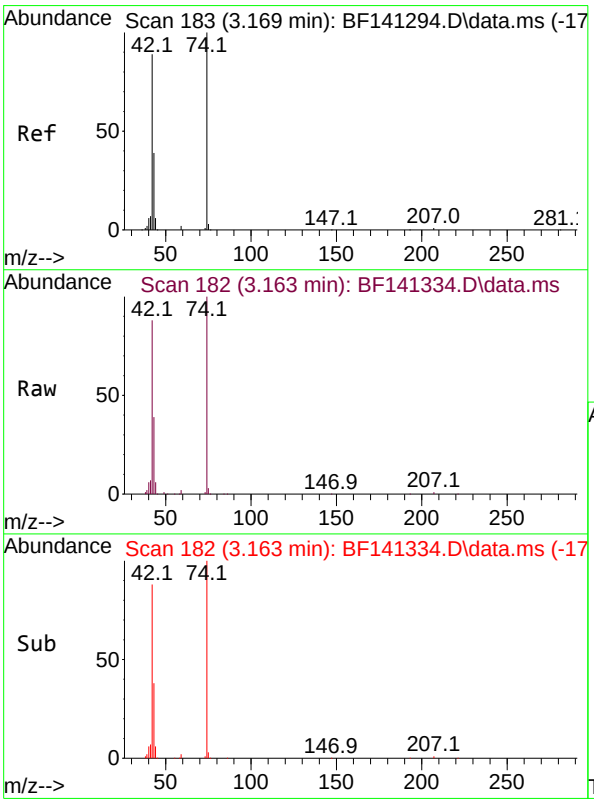
Ion	Ratio	Lower	Upper
79	100		
52	88.6	70.3	105.5
51	42.6	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

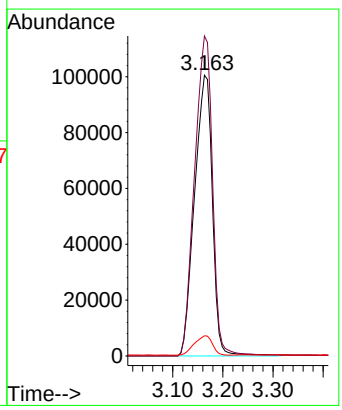
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

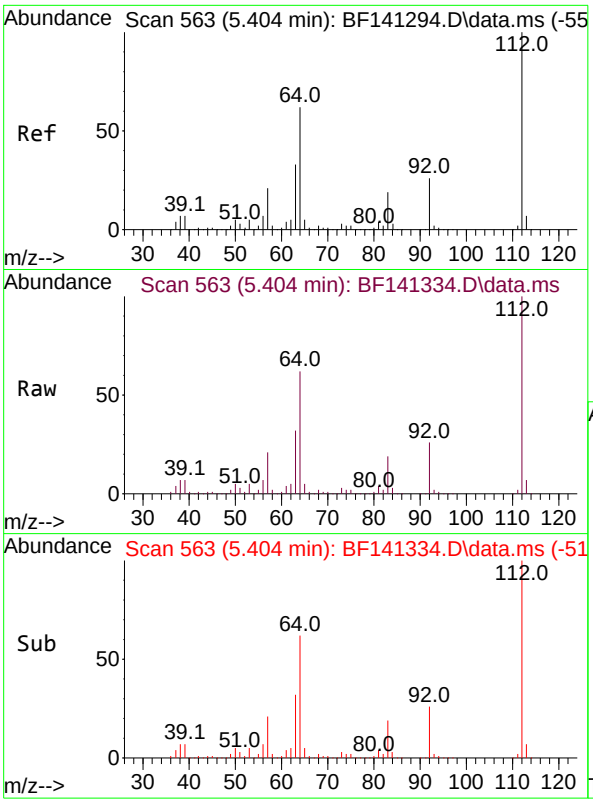


#4
n-Nitrosodimethylamine
Concen: 38.269 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.036 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 42 Resp: 248931

Ion	Ratio	Lower	Upper
42	100		
74	114.0	90.3	135.5
44	7.2	5.7	8.5

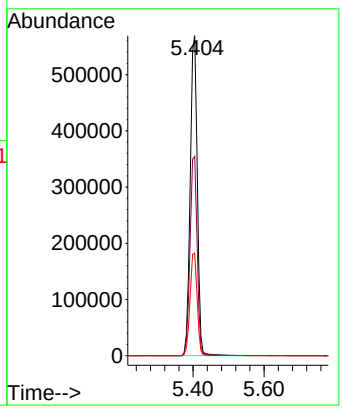




#5
2-Fluorophenol
Concen: 73.623 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:112 Resp: 79113

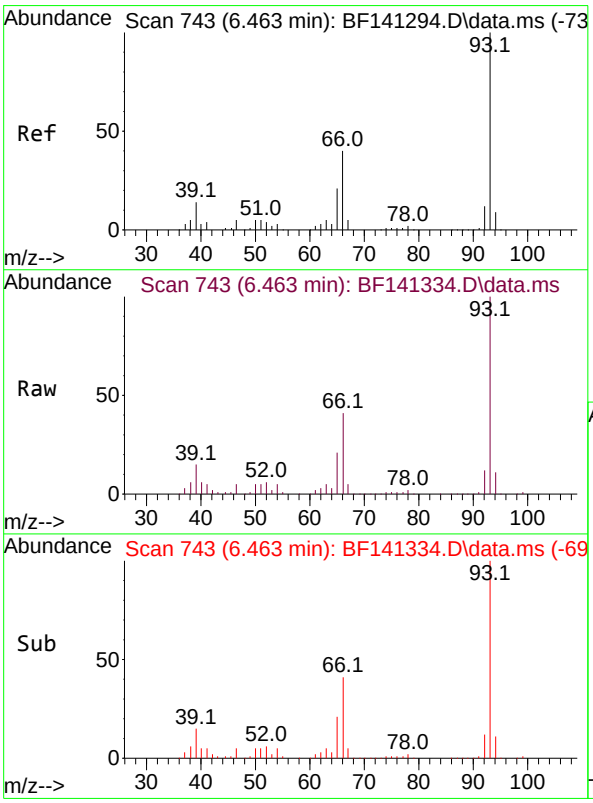
Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	32.1	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

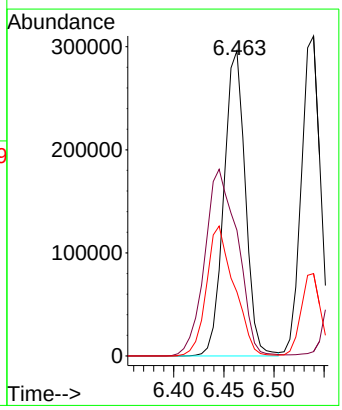
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

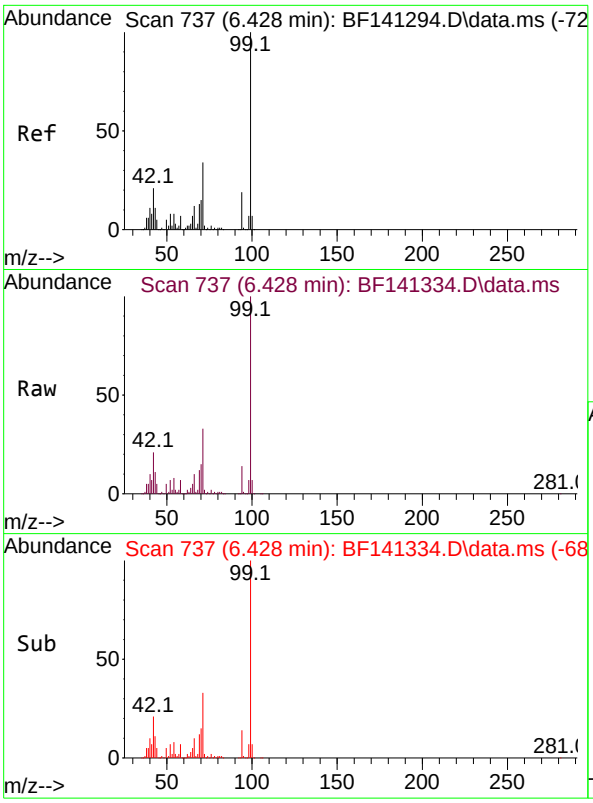


#6
Aniline
Concen: 38.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 439932

Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.5	48.7
65	21.0	17.0	25.6

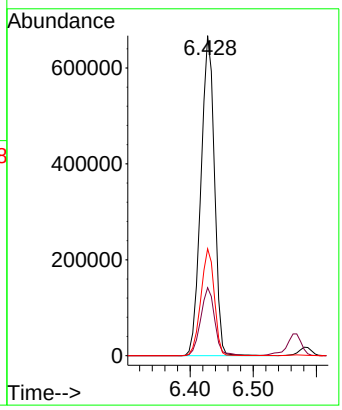




#7
Phenol-d6
Concen: 72.667 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 99 Resp: 99336

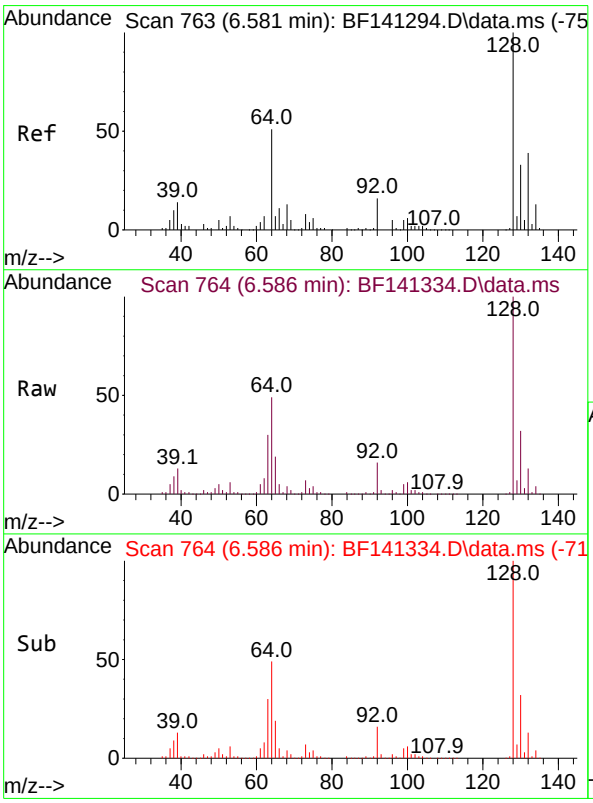
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	33.4	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

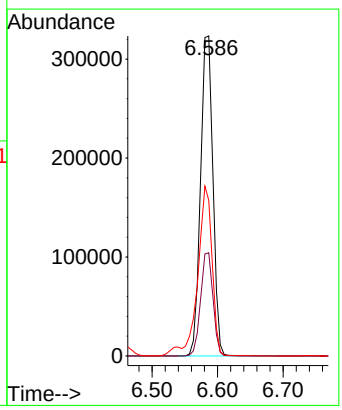
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

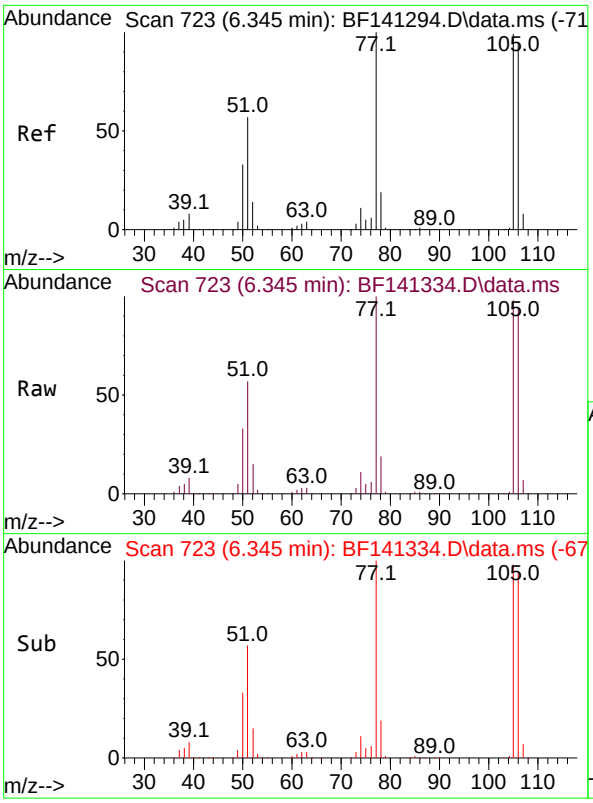


#8
2-Chlorophenol
Concen: 37.030 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:128 Resp: 426501

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	48.7	32.9	72.9

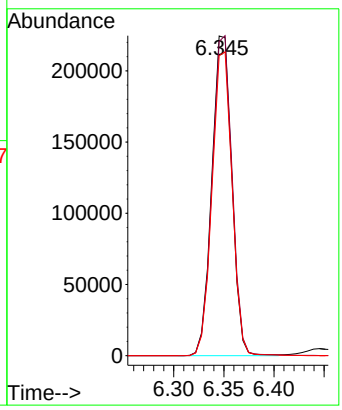




#9
Benzaldehyde
Concen: 39.268 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 31093

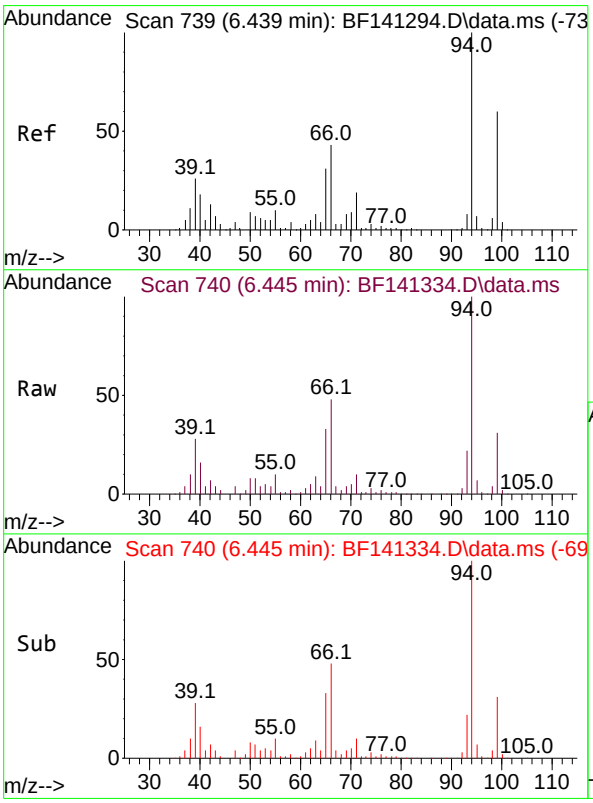
Ion	Ratio	Lower	Upper
77	100		
105	98.3	79.4	119.4
106	93.9	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

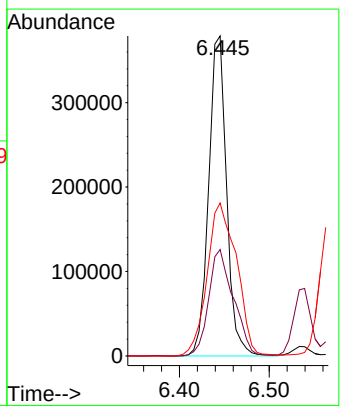
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

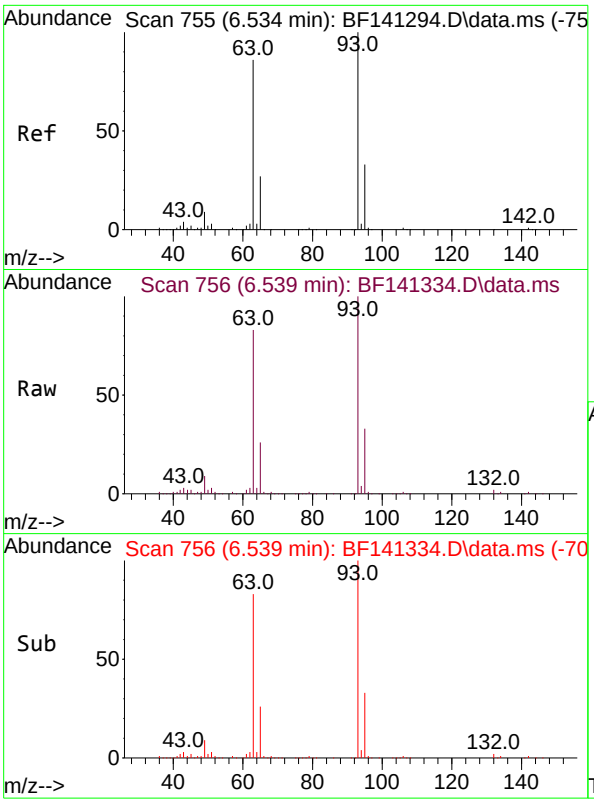


#10
Phenol
Concen: 36.397 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 94 Resp: 527421

Ion	Ratio	Lower	Upper
94	100		
65	33.3	10.8	50.8
66	47.8	23.3	63.3

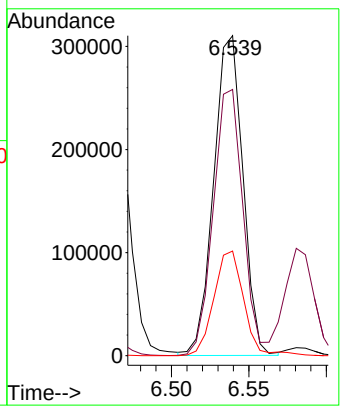




#11
bis(2-Chloroethyl)ether
Concen: 36.649 ng
RT: 6.539 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 40719

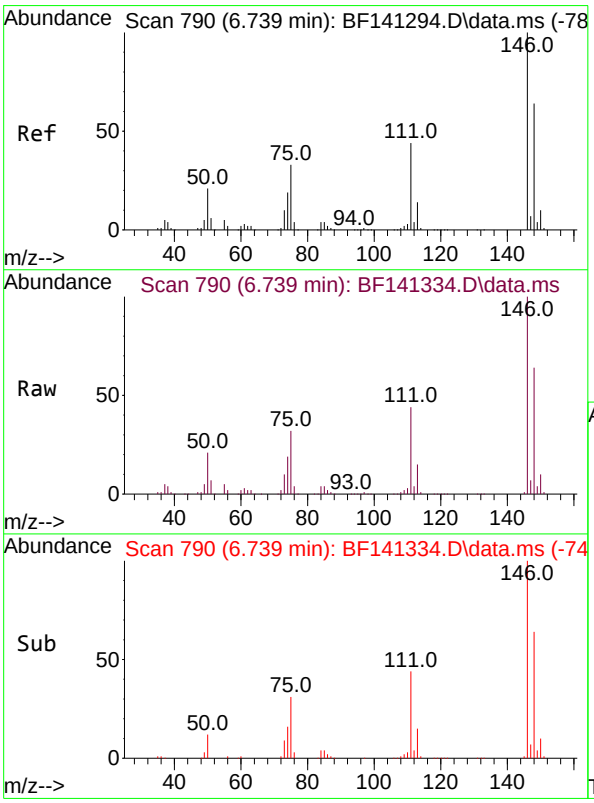
Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.0	105.0
95	32.7	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

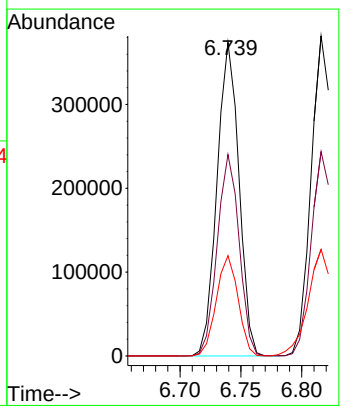
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

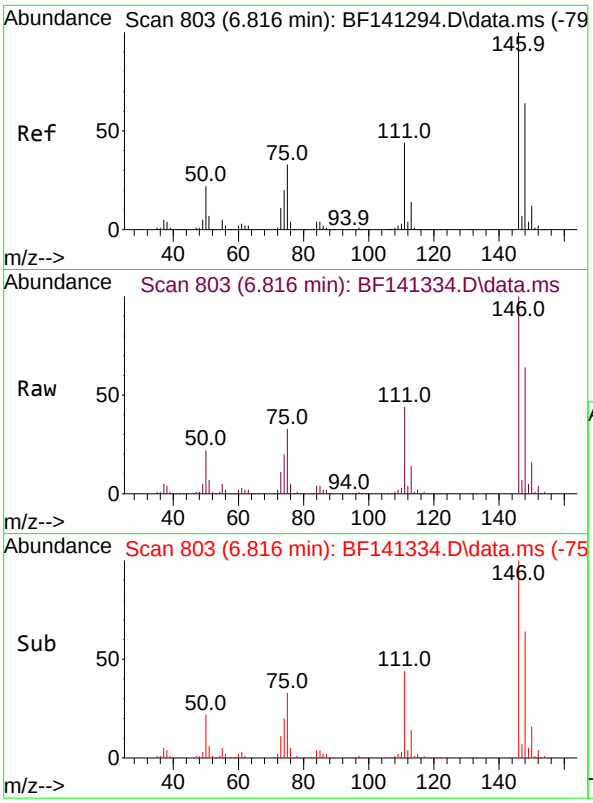


#12
1,3-Dichlorobenzene
Concen: 36.939 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 469100

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	32.0	26.2	39.4

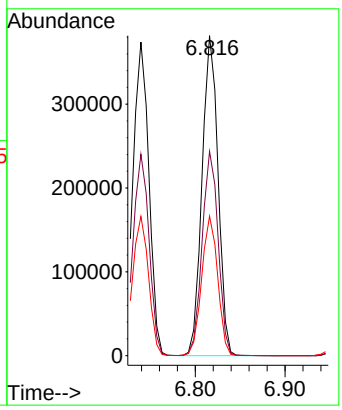




#13
1,4-Dichlorobenzene
Concen: 37.089 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 47316

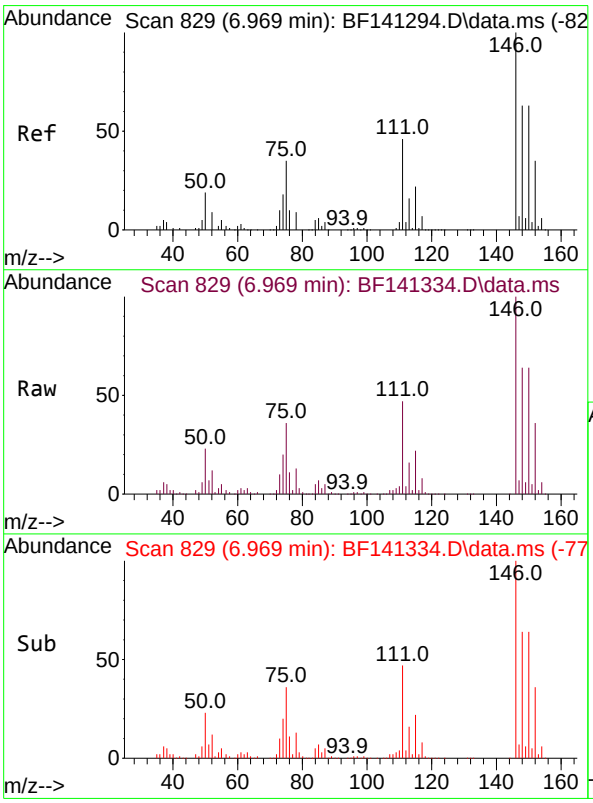
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	43.6	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

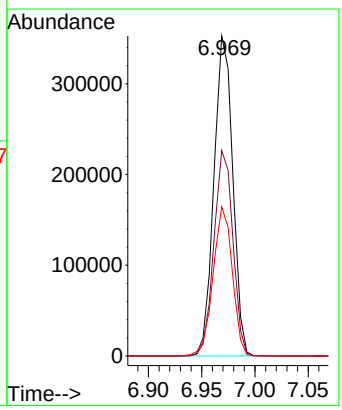
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

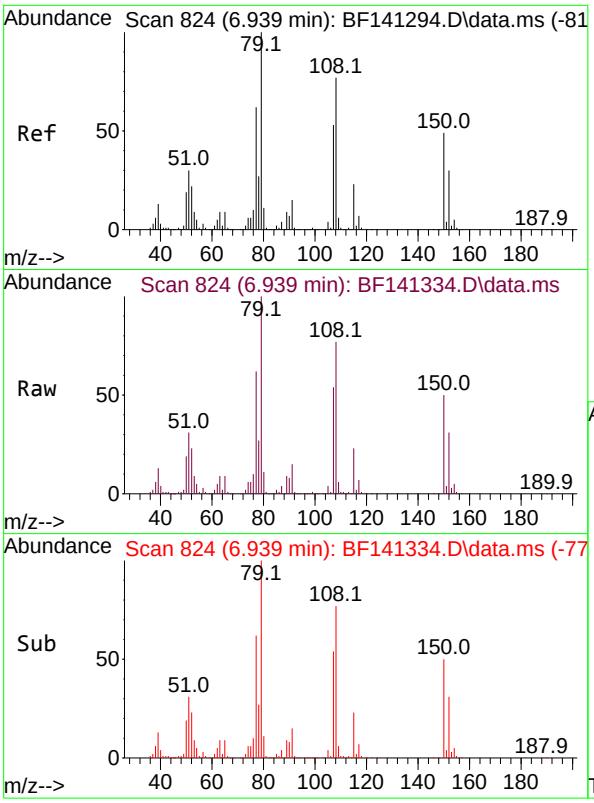


#14
1,2-Dichlorobenzene
Concen: 36.203 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 432488

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	46.6	36.6	55.0

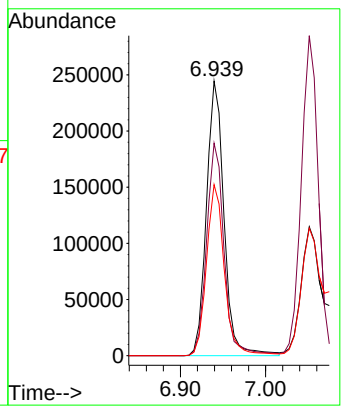




#15
Benzyl Alcohol
Concen: 37.479 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 79 Resp: 35013

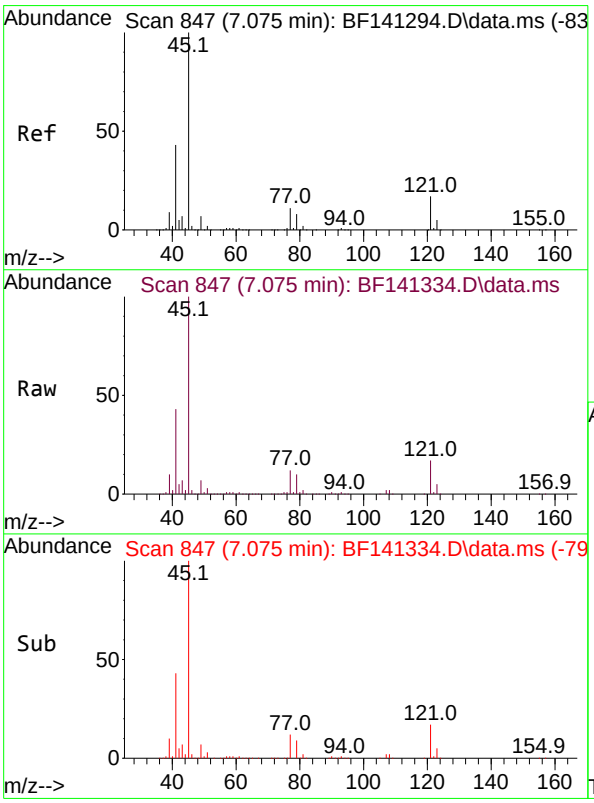
Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.4	92.0
77	62.3	49.9	74.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

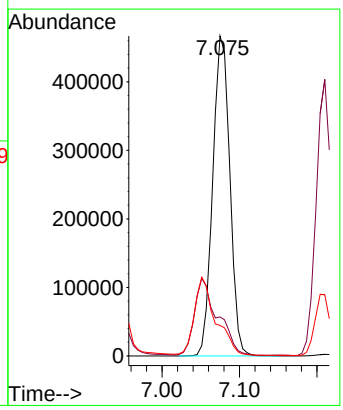
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

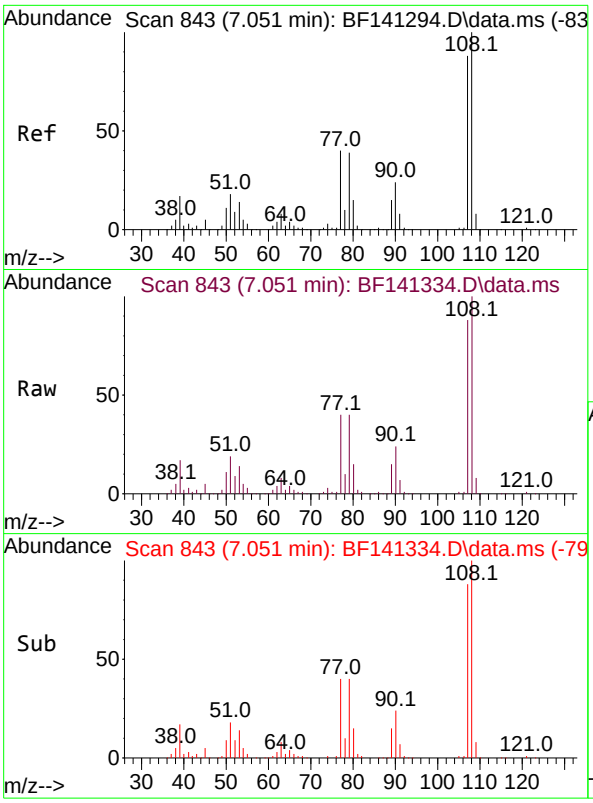


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.050 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 45 Resp: 715839

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.8
79	9.5	0.0	29.1

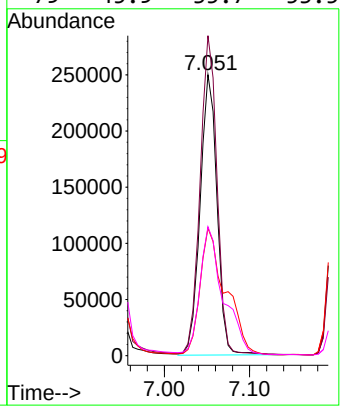




#17
2-Methylphenol
Concen: 36.801 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 34448

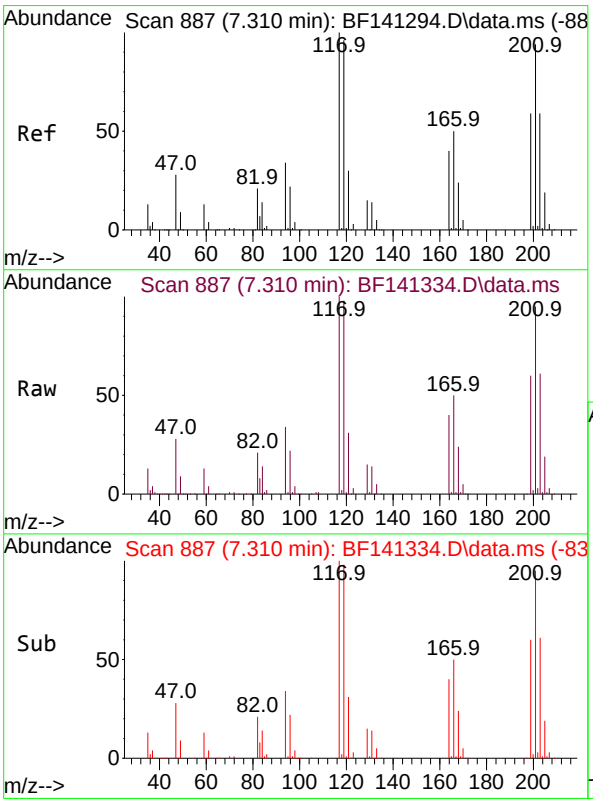
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	45.4	36.2	54.4
79	45.9	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

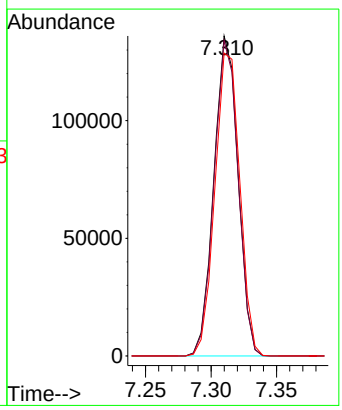
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

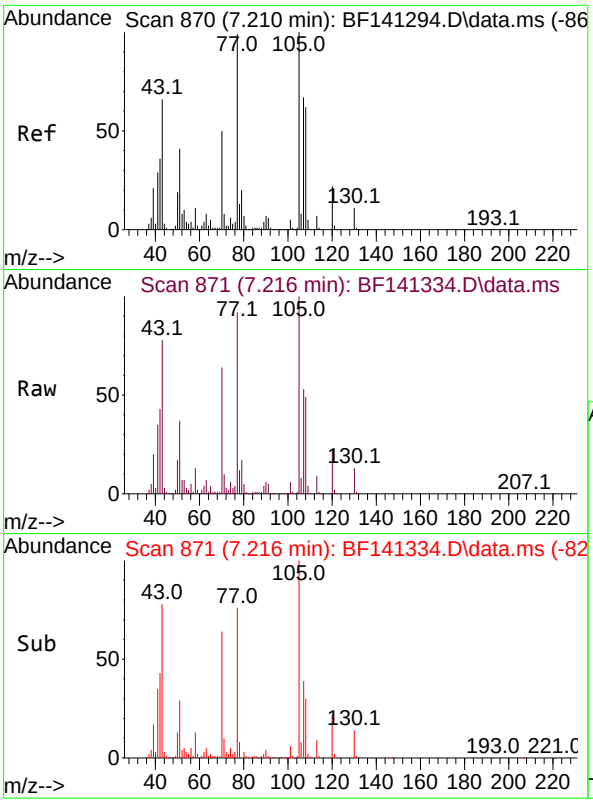


#18
Hexachloroethane
Concen: 36.943 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:117 Resp: 173871

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.6	114.8
201	94.7	74.8	112.2

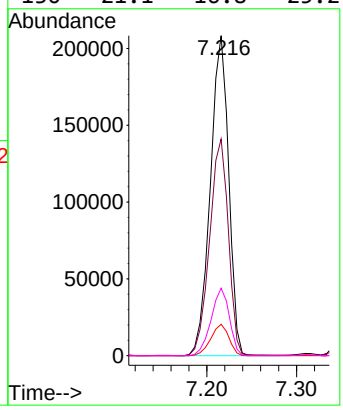




#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 70 Resp: 29540

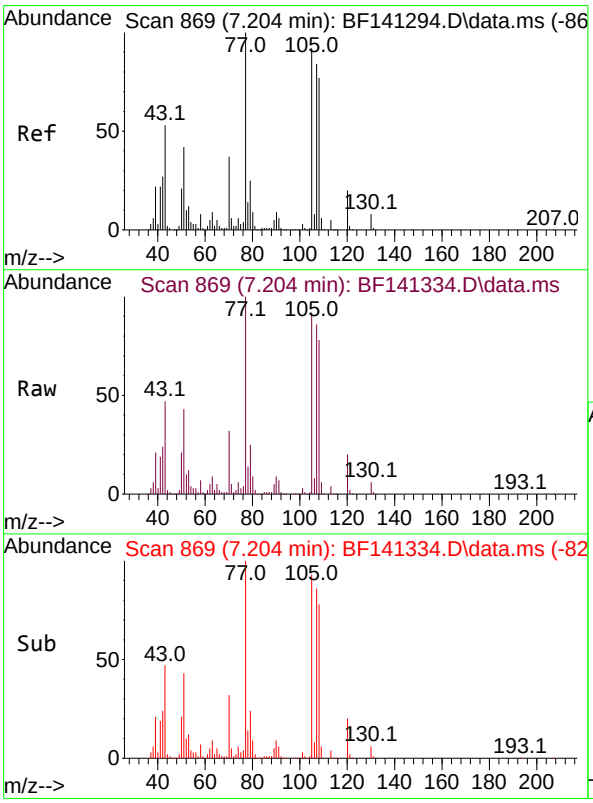
Ion	Ratio	Lower	Upper
70	100		
42	67.7	56.8	85.2
101	9.8	7.7	11.5
130	21.1	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

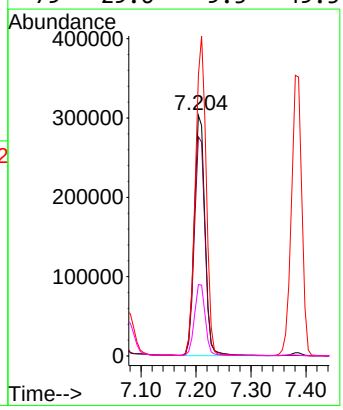
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

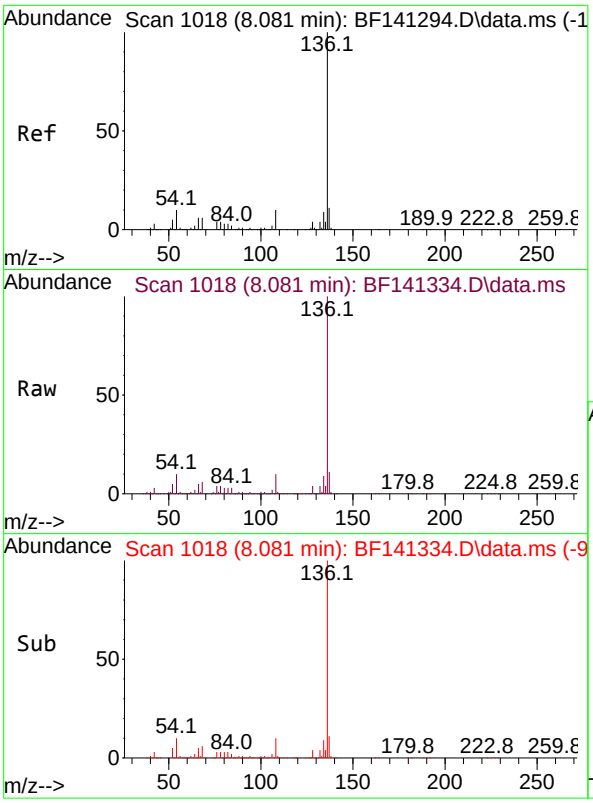


#20
3+4-Methylphenols
Concen: 35.761 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 411022

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.9	110.9
77	116.6	98.5	138.5
79	29.6	9.5	49.5

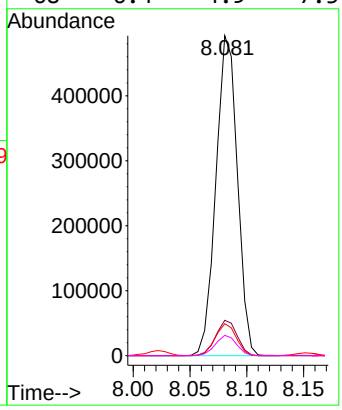




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:136 Resp: 64790

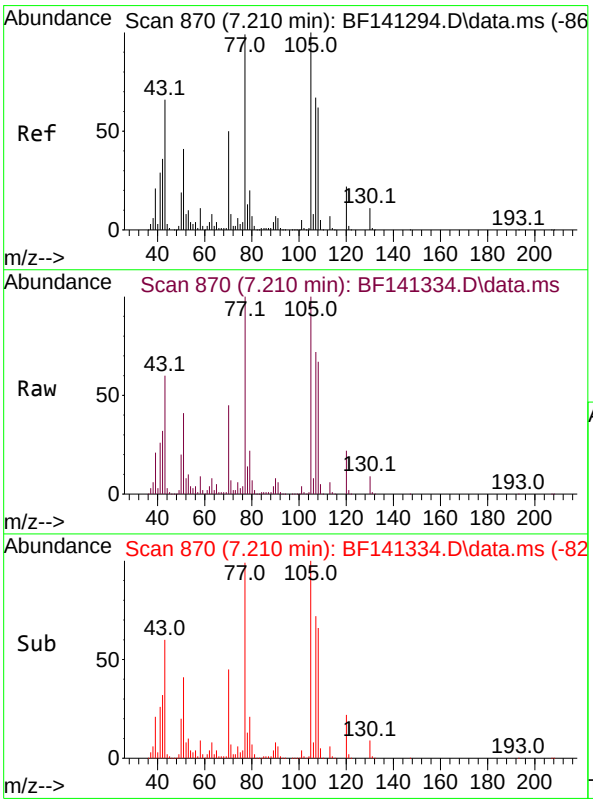
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	7.8	11.8
68	6.4	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

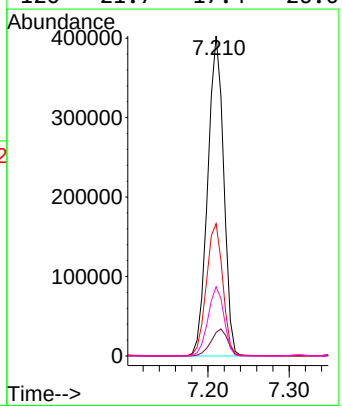
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

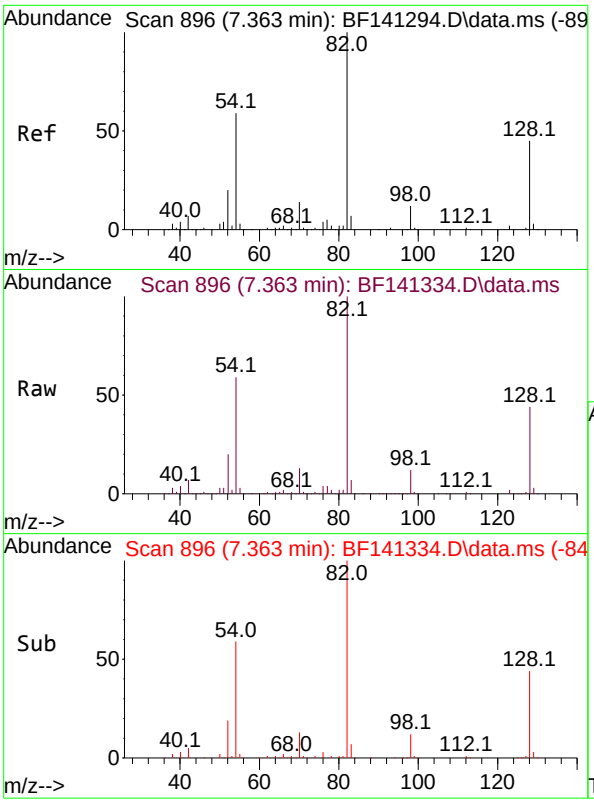


#22
Acetophenone
Concen: 35.637 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:105 Resp: 548834

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	41.3	32.6	49.0
120	21.7	17.4	26.0

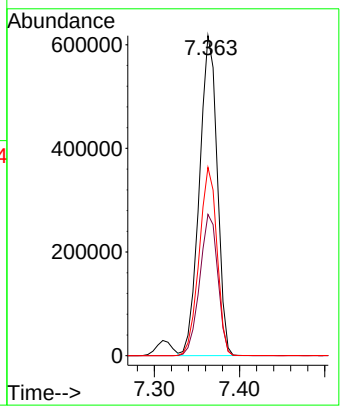




#23
Nitrobenzene-d5
Concen: 72.918 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 82 Resp: 89620

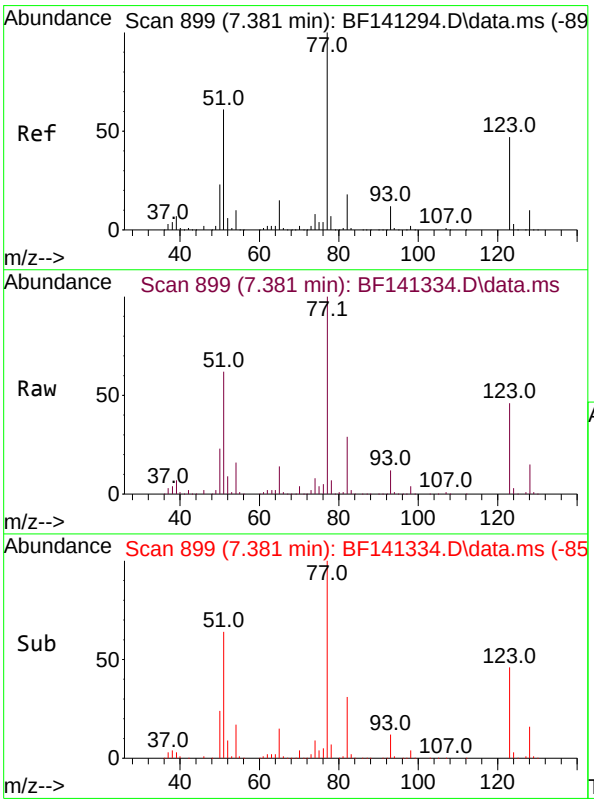
Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

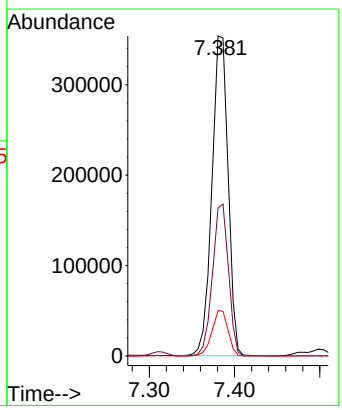
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

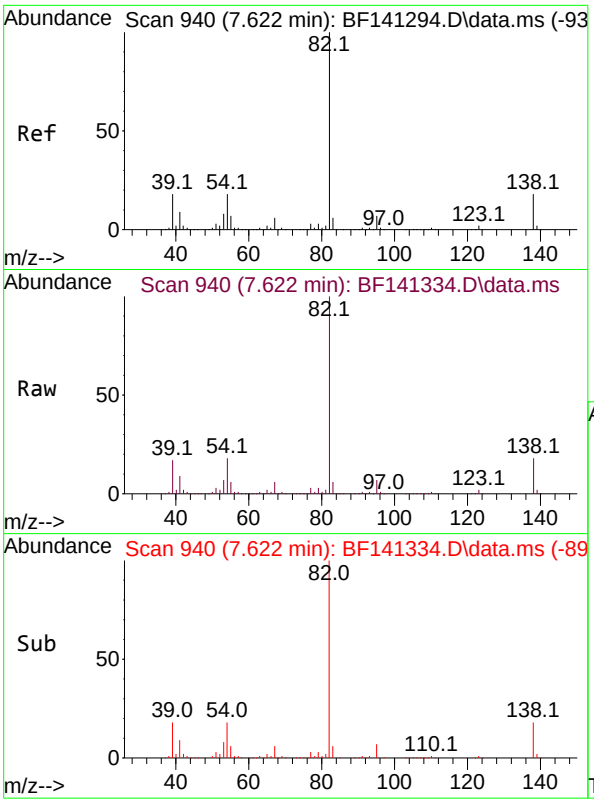


#24
Nitrobenzene
Concen: 36.727 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 467777

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.3	55.9
65	14.2	11.8	17.6

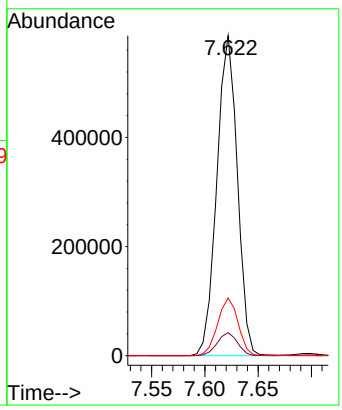




#25
Isophorone
Concen: 36.952 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 82 Resp: 78505

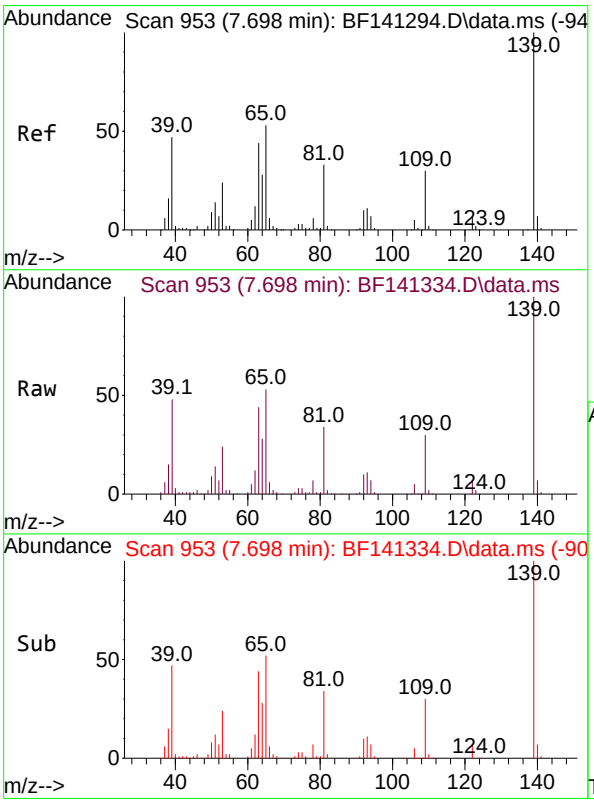
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.1	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

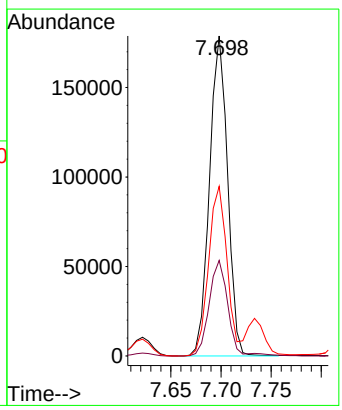
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

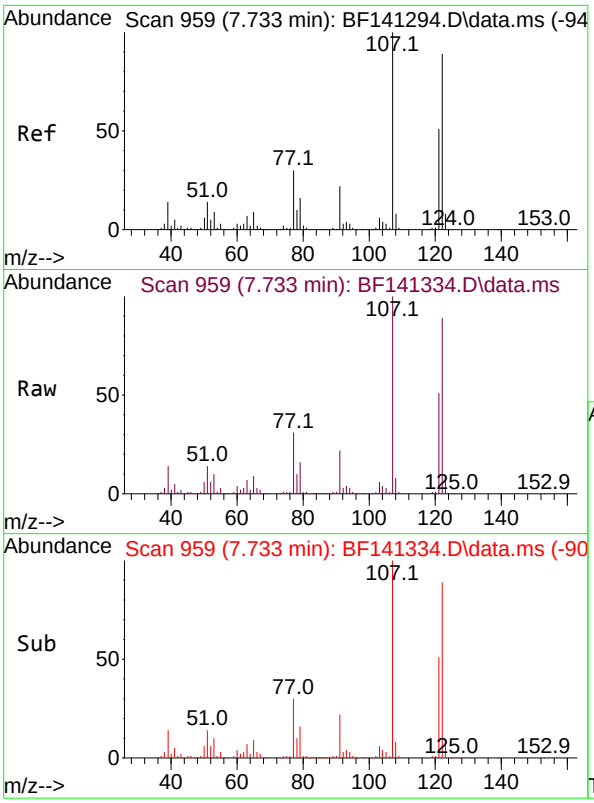


#26
2-Nitrophenol
Concen: 37.318 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 224162

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.8	35.6
65	53.0	42.2	63.4

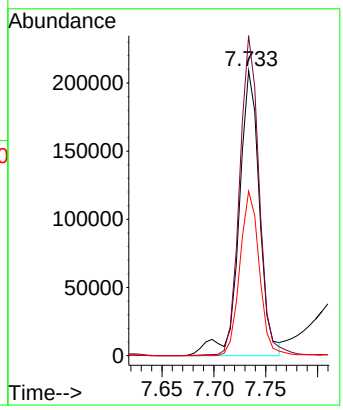




#27
2,4-Dimethylphenol
Concen: 37.535 ng m
RT: 7.733 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 28698

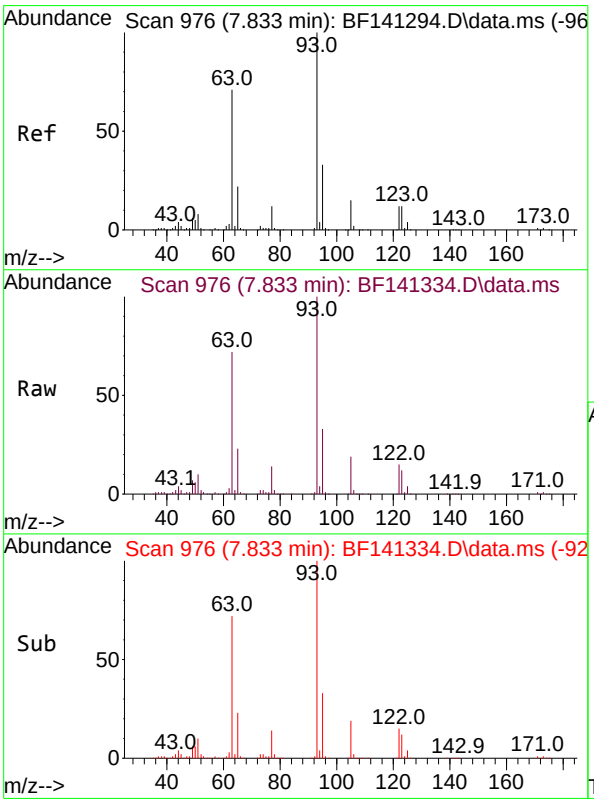
Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.9	134.9
121	57.7	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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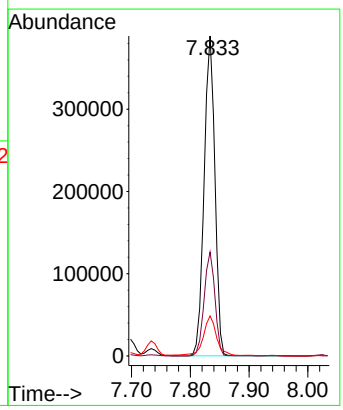
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

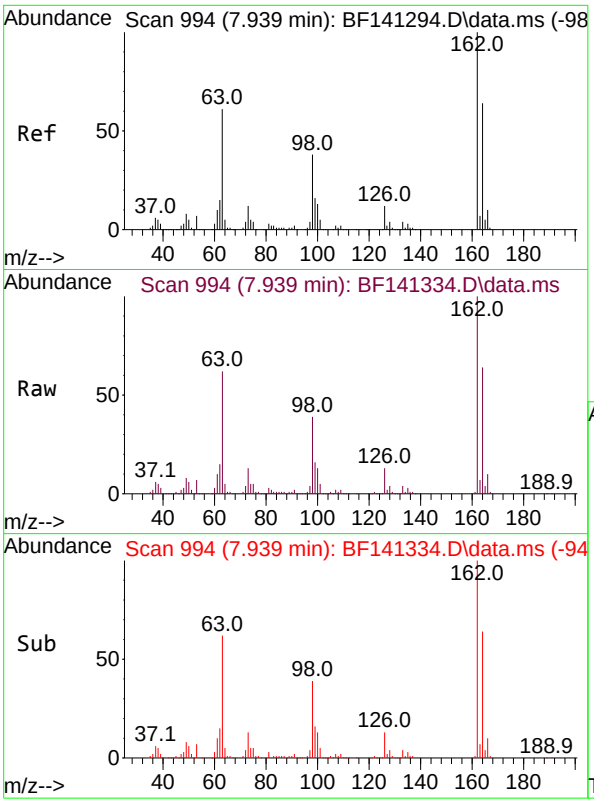


#28
bis(2-Chloroethoxy)methane
Concen: 36.489 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 494480

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.5	10.2	15.4





#29
2,4-Dichlorophenol
Concen: 37.008 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

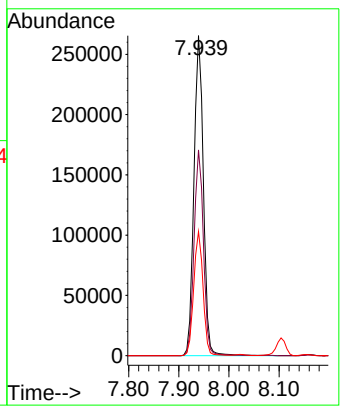
Tgt Ion:162 Resp: 34639

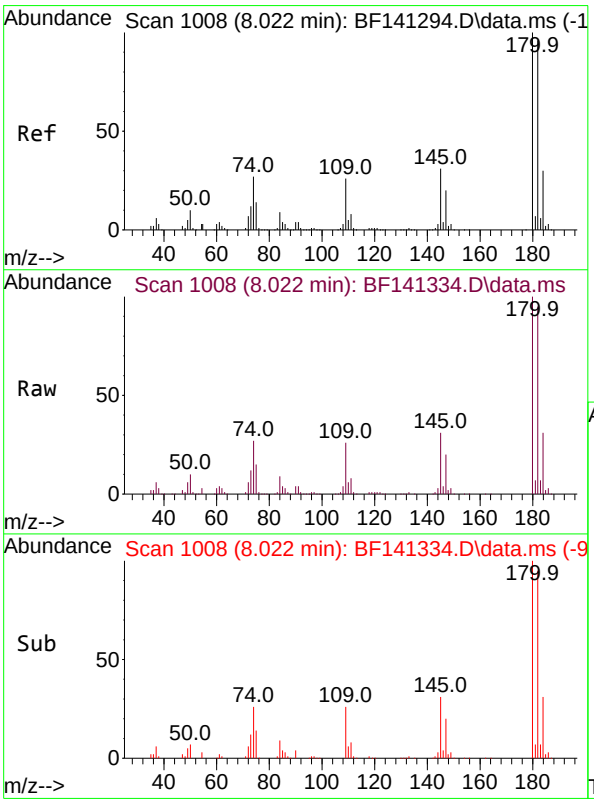
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	38.8	18.2	58.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

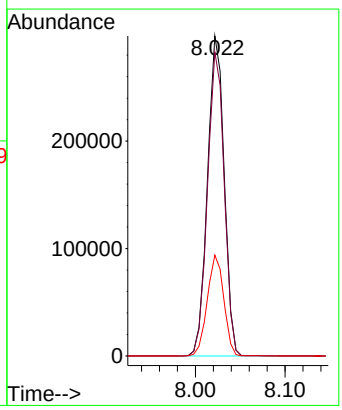


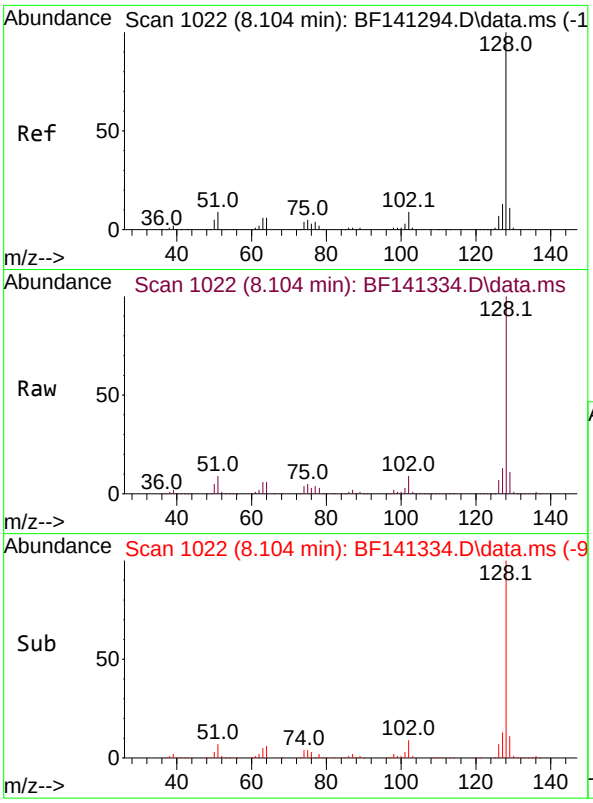


#30
1,2,4-Trichlorobenzene
Concen: 36.030 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:180 Resp: 385139

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	31.5	24.9	37.3

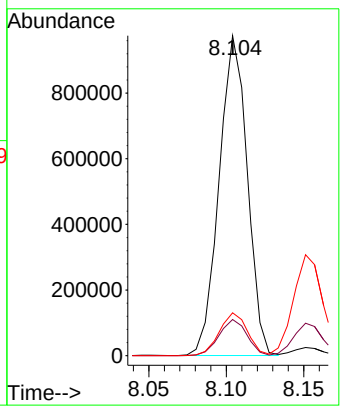




#31
Naphthalene
Concen: 35.989 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:128 Resp: 123179

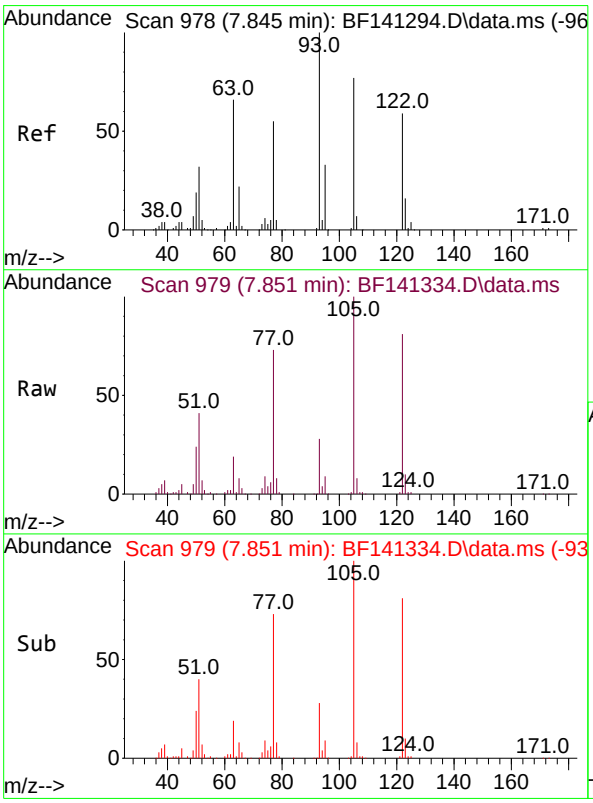
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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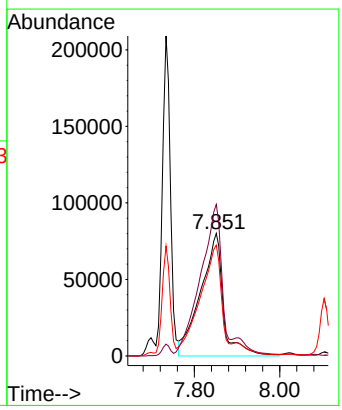
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

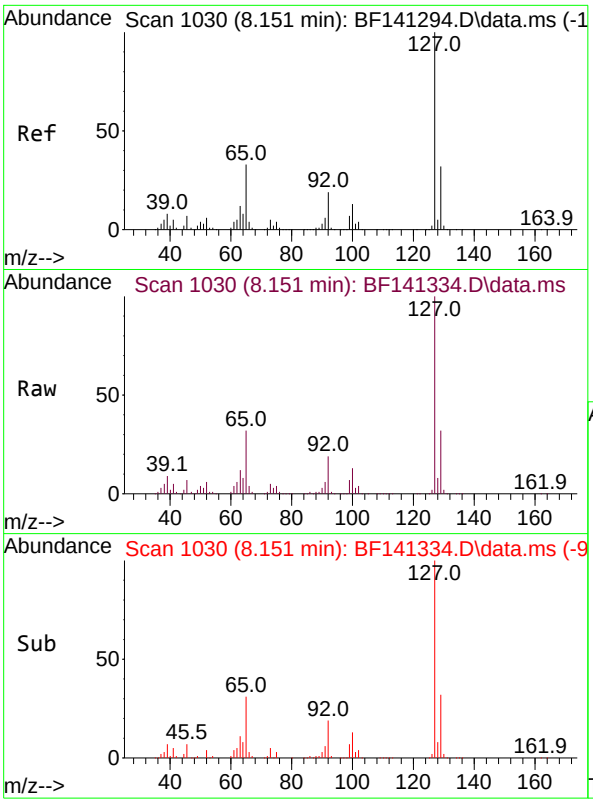


#32
Benzoic acid
Concen: 42.441 ng m
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 298299

Ion	Ratio	Lower	Upper
122	100		
105	123.7	103.4	143.4
77	90.4	70.9	110.9

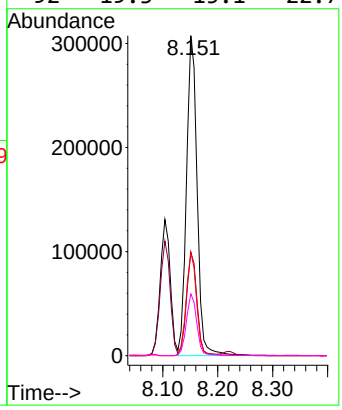




#33
4-Chloroaniline
Concen: 35.481 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:127 Resp: 41181

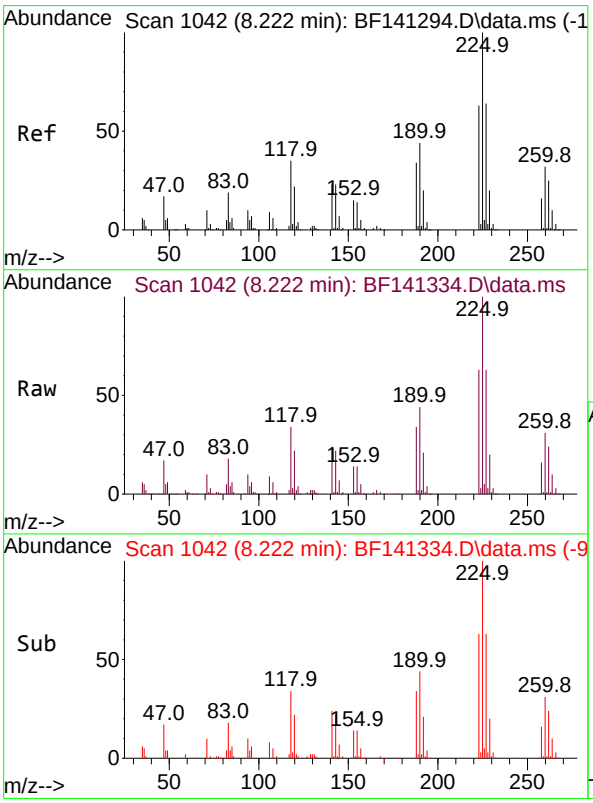
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

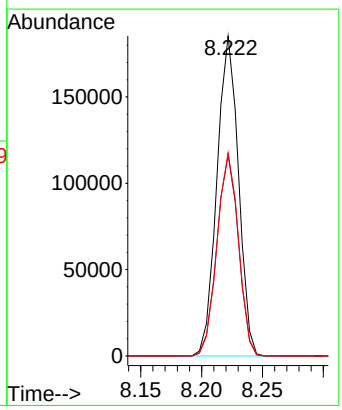
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

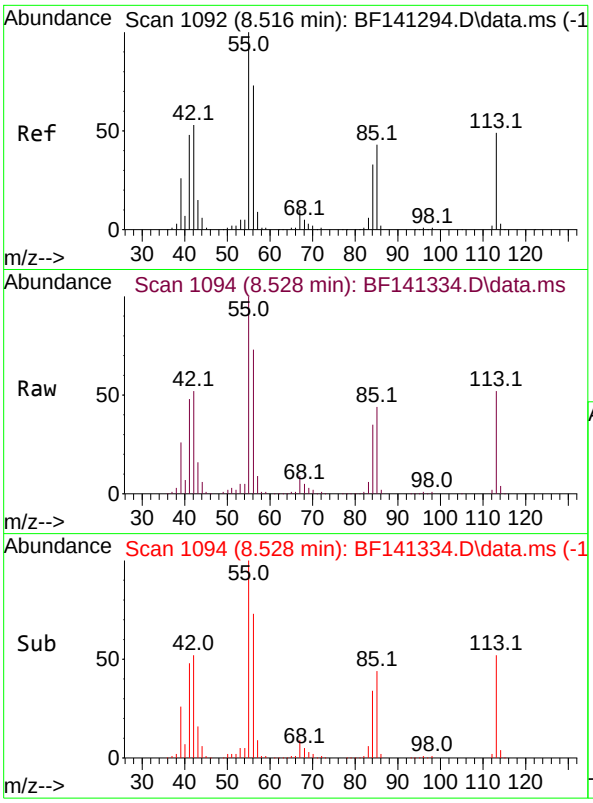


#34
Hexachlorobutadiene
Concen: 36.308 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:225 Resp: 227599

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.5	51.3	76.9





#35
Caprolactam
Concen: 38.166 ng
RT: 8.528 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

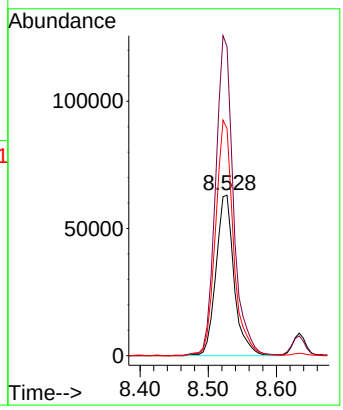
Tgt Ion:113 Resp: 11666

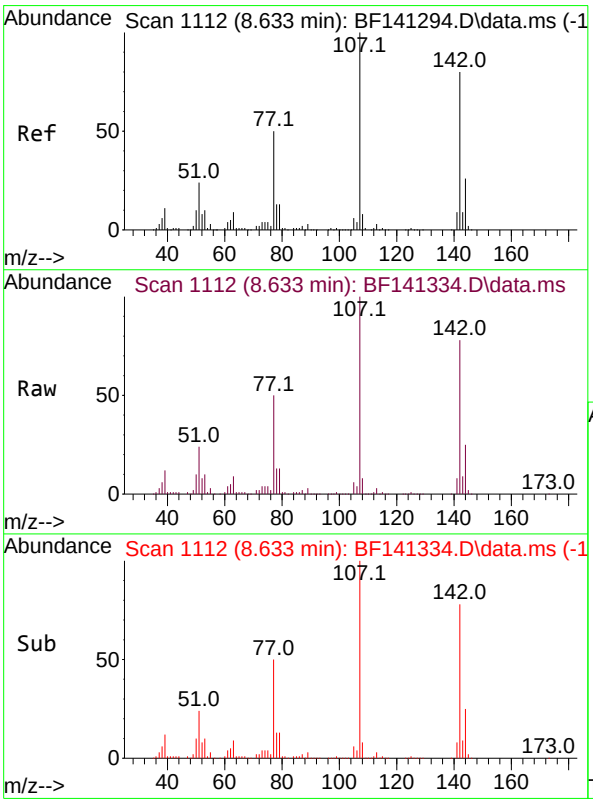
Ion	Ratio	Lower	Upper
113	100		
55	192.5	182.9	222.9
56	141.4	127.9	167.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

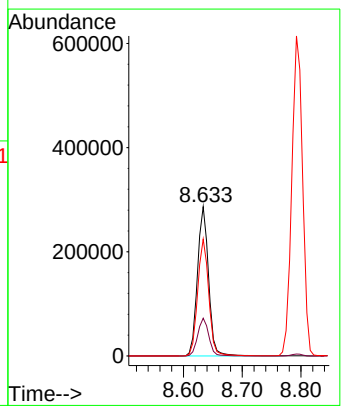


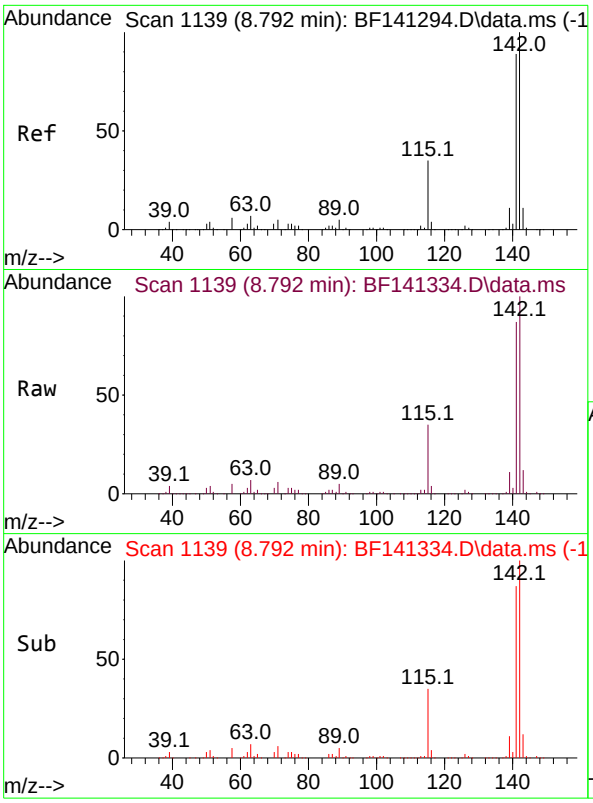


#36
4-Chloro-3-methylphenol
Concen: 37.503 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 376529

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.7	31.1
142	78.3	63.8	95.8

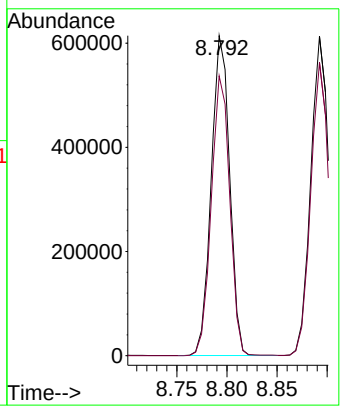




#37
2-Methylnaphthalene
Concen: 35.969 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:142 Resp: 78248

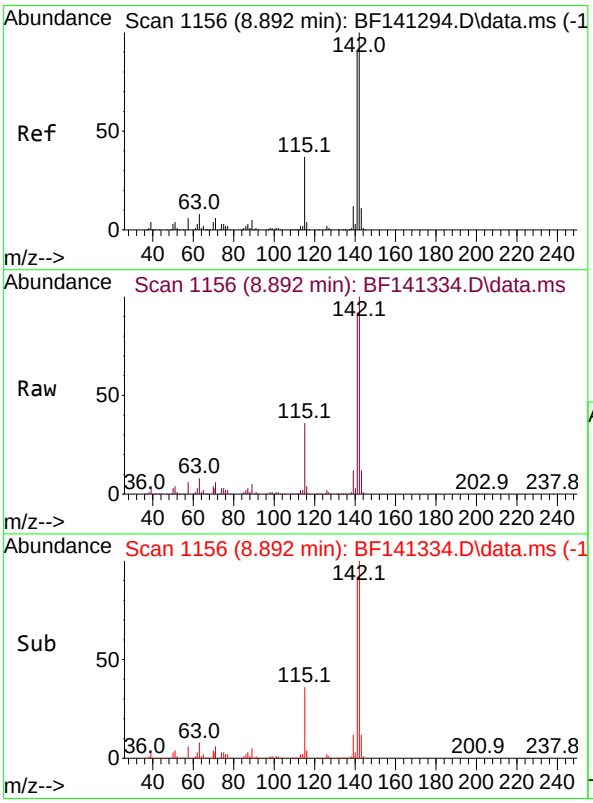
Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

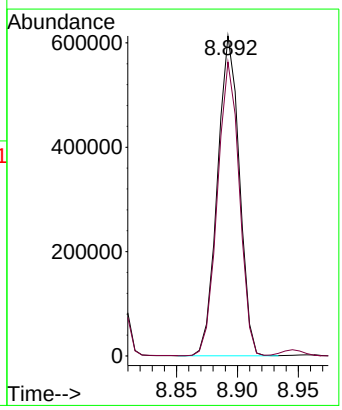
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

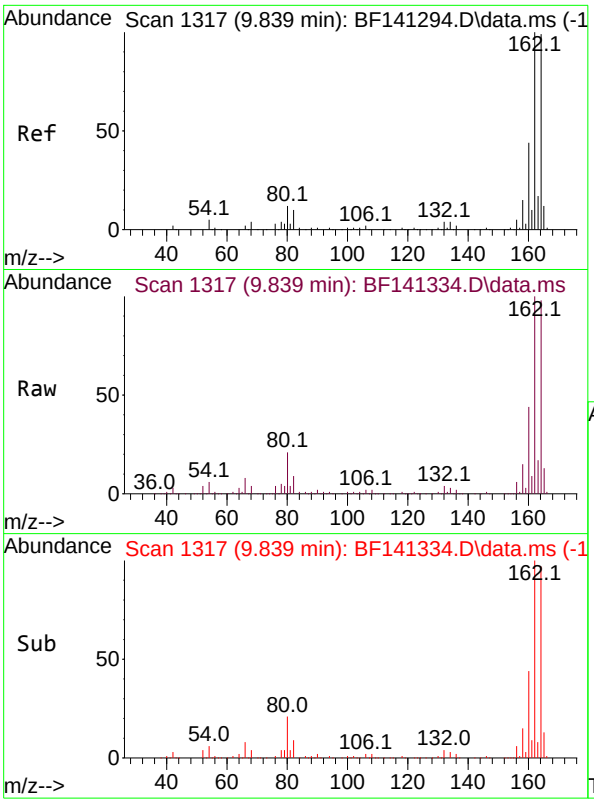


#38
1-Methylnaphthalene
Concen: 35.916 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:142 Resp: 767501

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8

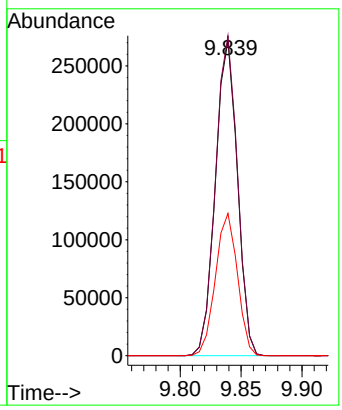




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:164 Resp: 34154

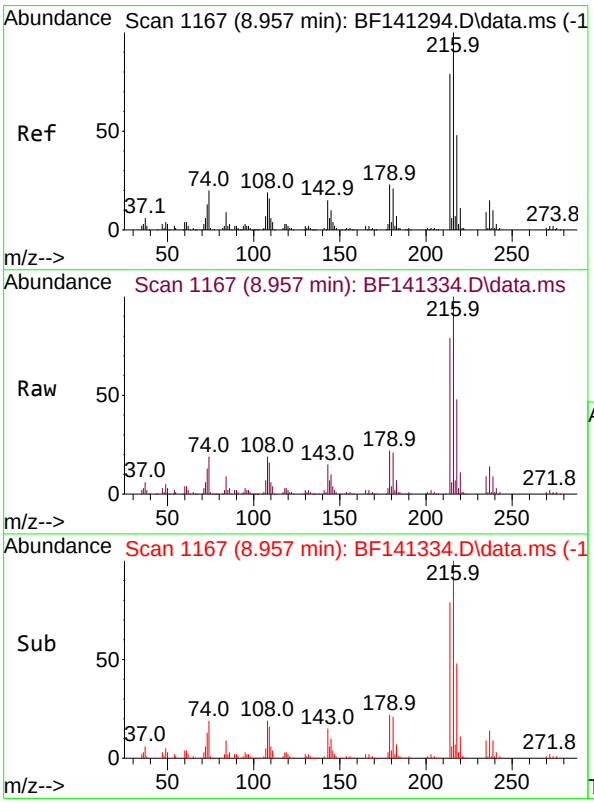
Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.1	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

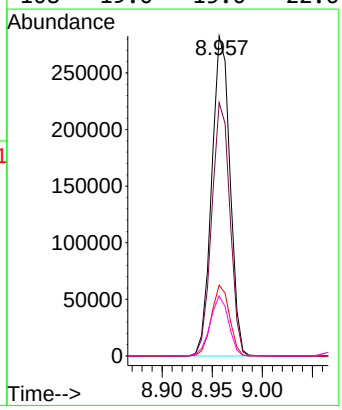
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

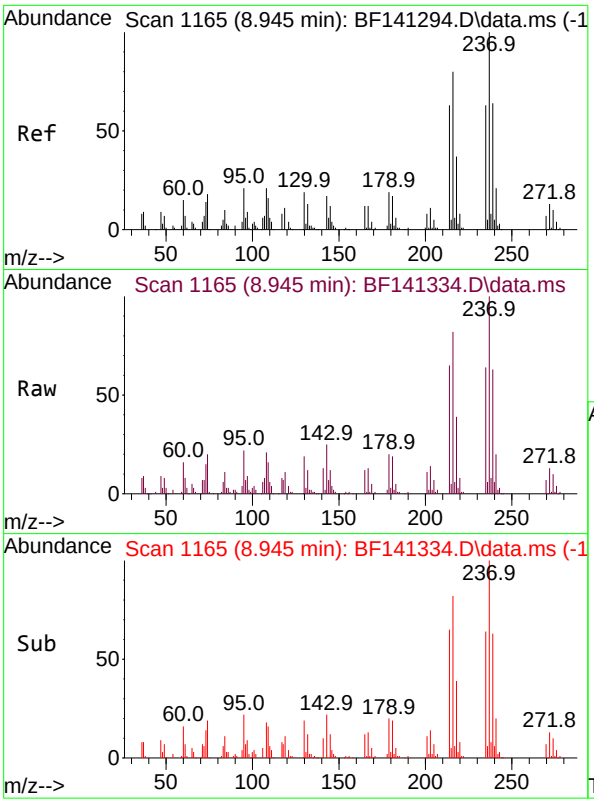


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.817 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:216 Resp: 357735

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	21.9	17.8	26.8
108	19.0	15.0	22.6

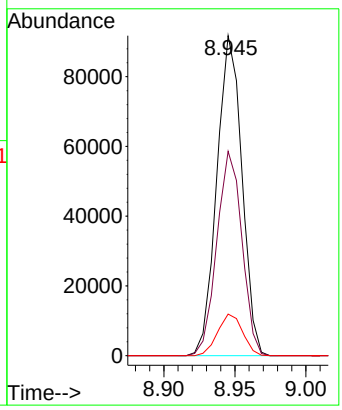




#41
Hexachlorocyclopentadiene
Concen: 39.297 ng
RT: 8.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:237 Resp: 11276

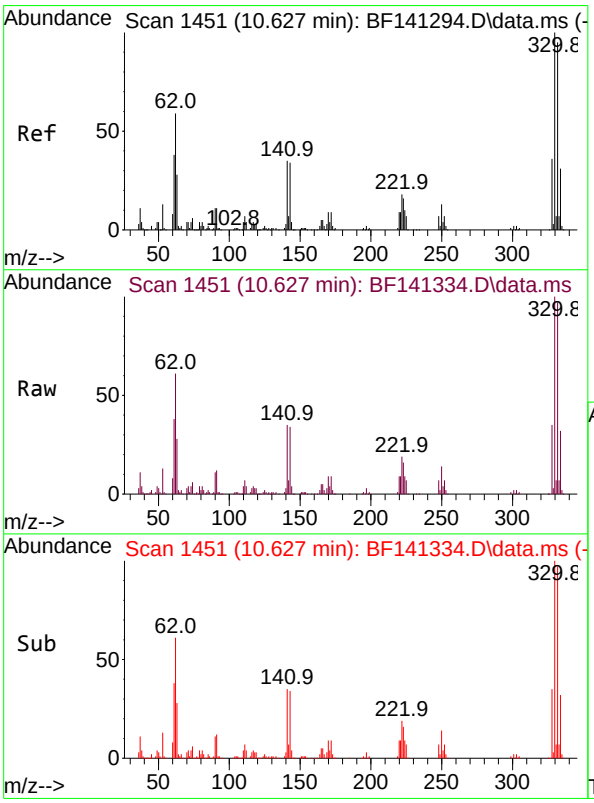
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.9	82.9
272	13.0	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

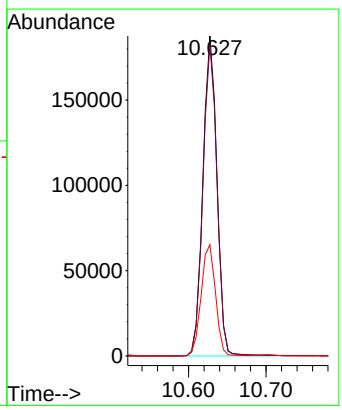
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

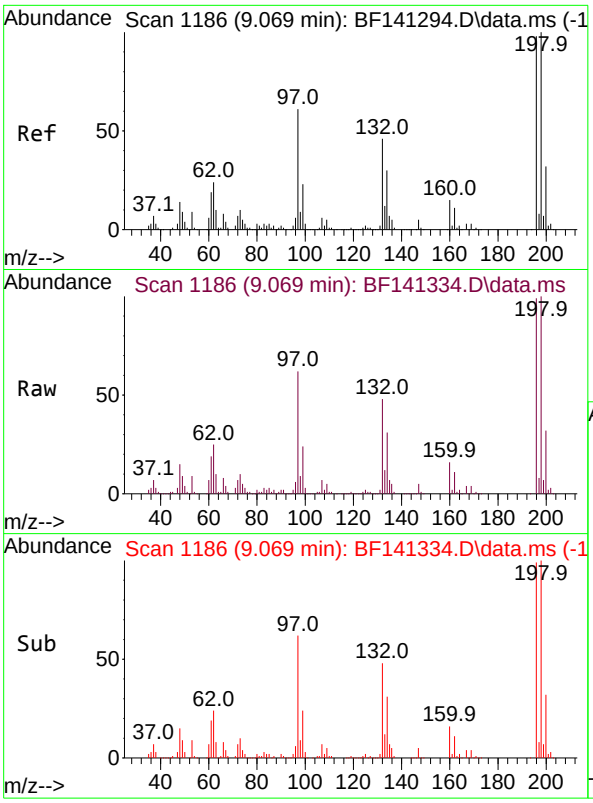


#42
2,4,6-Tribromophenol
Concen: 75.335 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:330 Resp: 235886

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.1	114.1
141	35.7	28.8	43.2

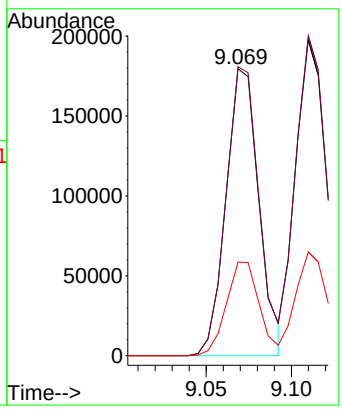




#43
2,4,6-Trichlorophenol
Concen: 38.014 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:196 Resp: 24176

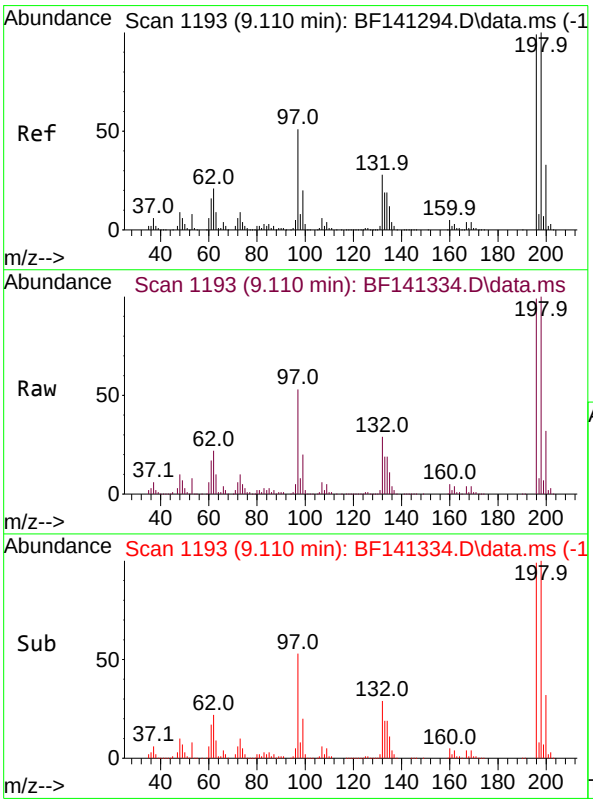
Ion	Ratio	Lower	Upper
196	100		
198	100.7	81.8	122.6
200	32.6	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

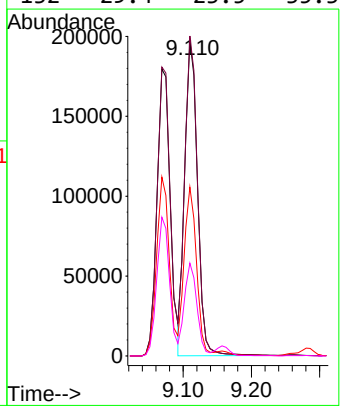
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

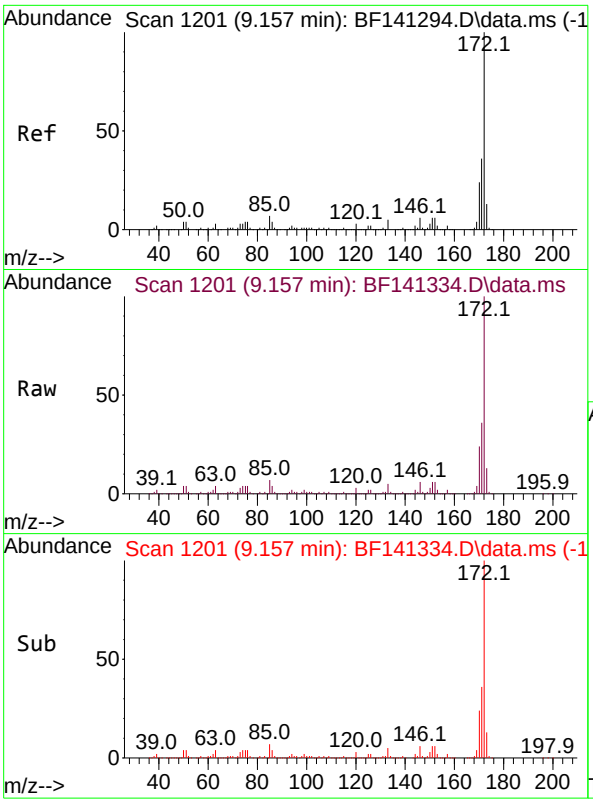


#44
2,4,5-Trichlorophenol
Concen: 37.124 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:196 Resp: 256970

Ion	Ratio	Lower	Upper
196	100		
198	101.4	80.5	120.7
97	53.5	42.8	64.2
132	29.4	23.5	35.3

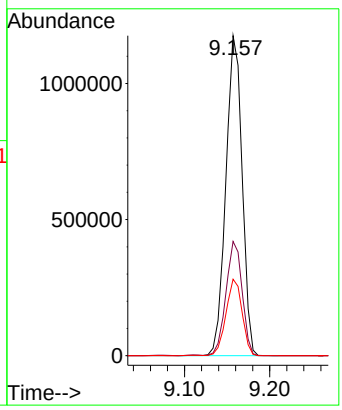




#45
2-Fluorobiphenyl
Concen: 70.424 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:172 Resp: 156269

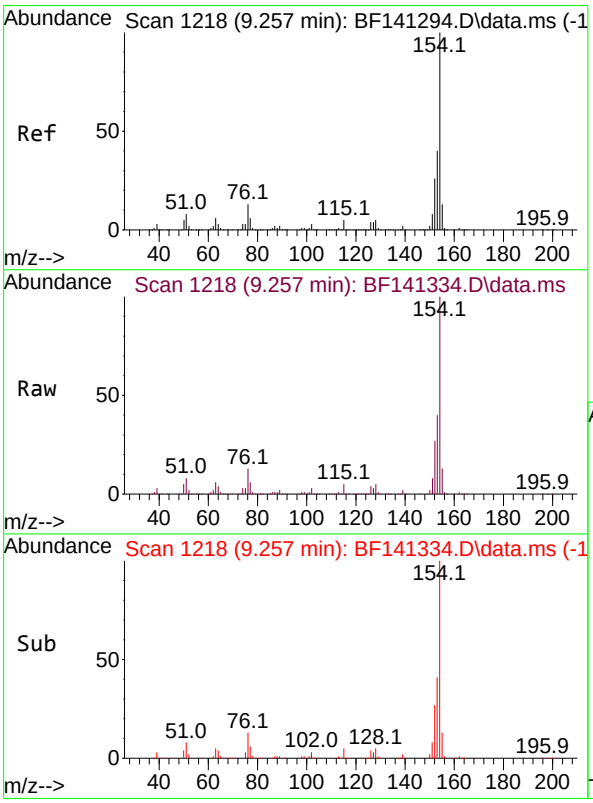
Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.9	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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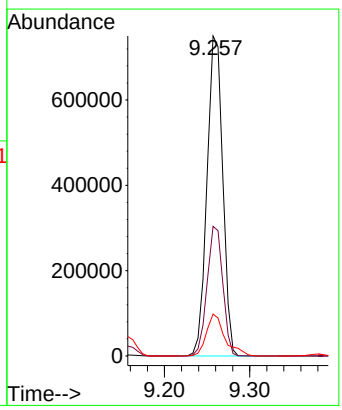
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

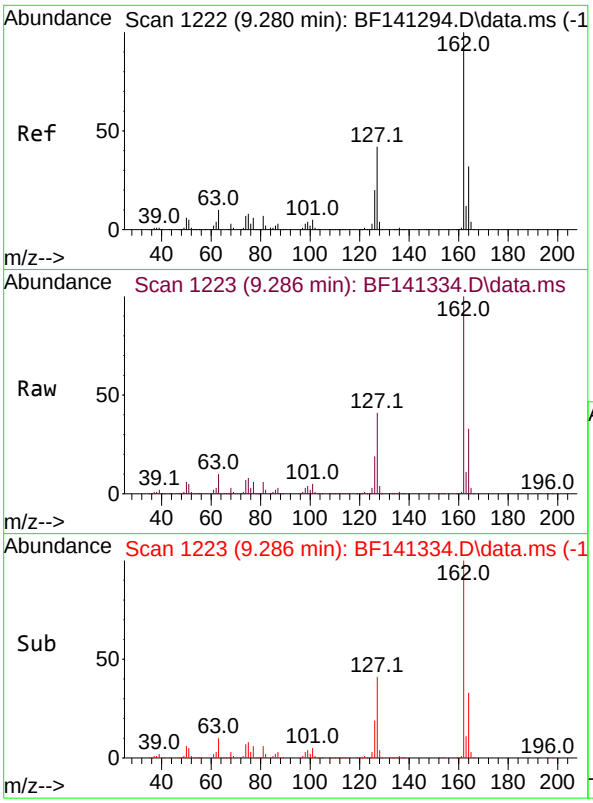


#46
1,1'-Biphenyl
Concen: 36.082 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 961081

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	13.1	0.0	32.8

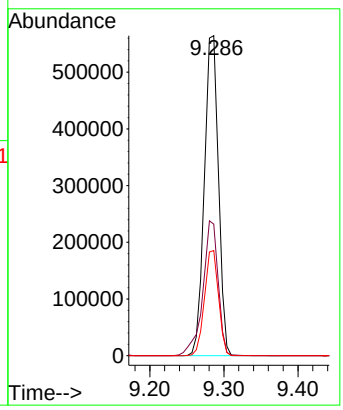




#47
2-Chloronaphthalene
Concen: 36.046 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:162 Resp: 74836

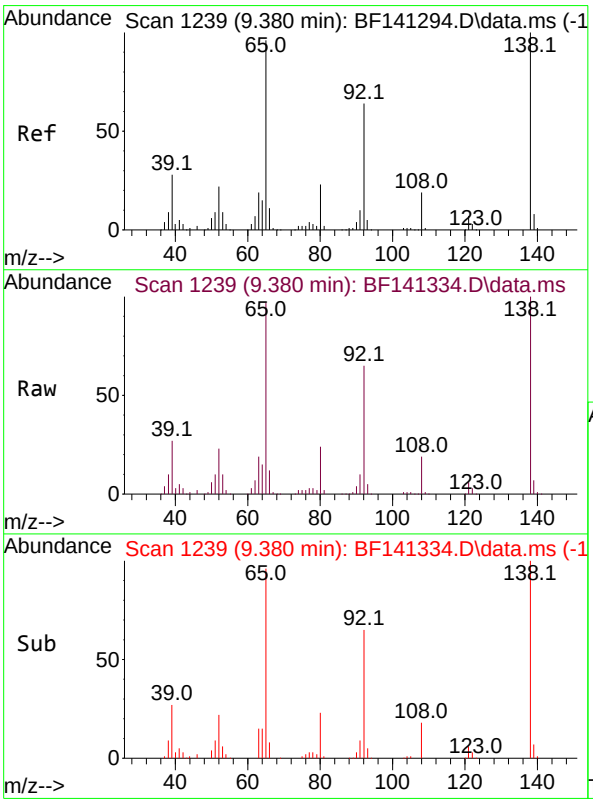
Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.7	50.5
164	32.8	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

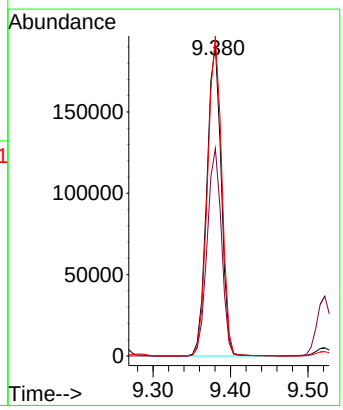
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

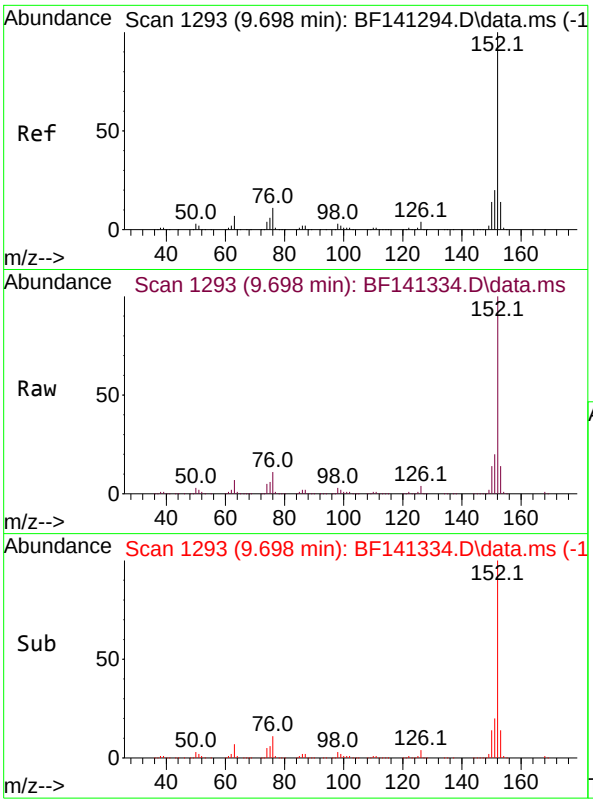


#48
2-Nitroaniline
Concen: 37.746 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 65 Resp: 246493

Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.3	79.9
138	103.1	83.6	125.4

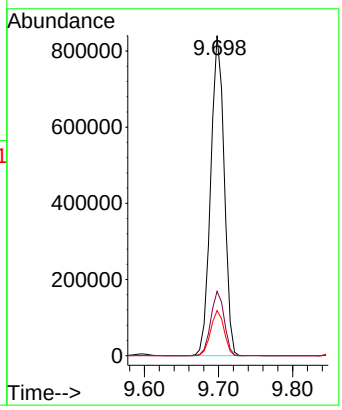




#49
Acenaphthylene
Concen: 36.509 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:152 Resp: 106101

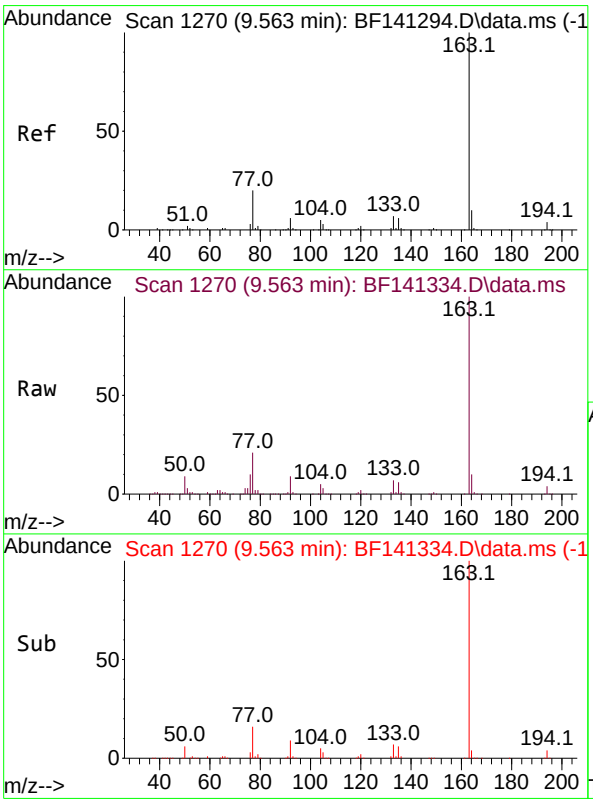
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.1	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

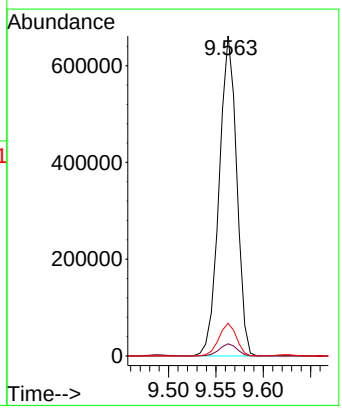
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

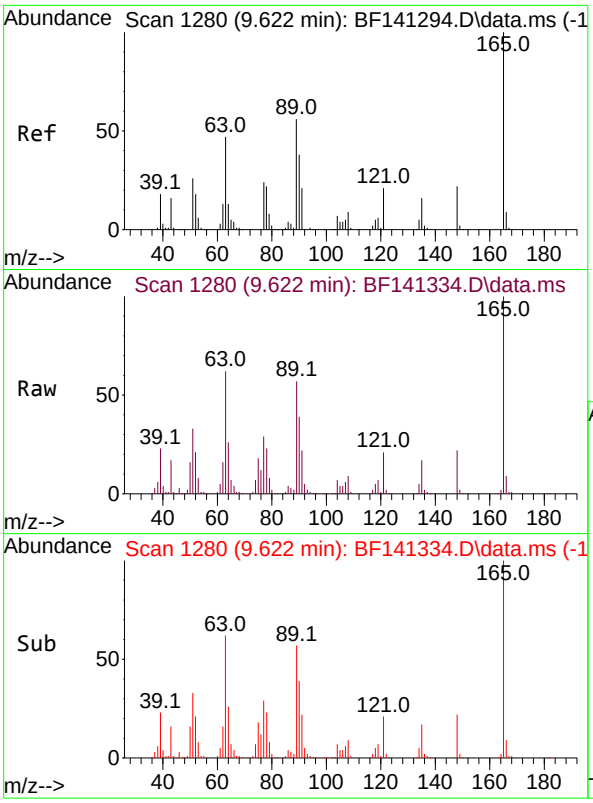


#50
Dimethylphthalate
Concen: 36.994 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:163 Resp: 853360

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0

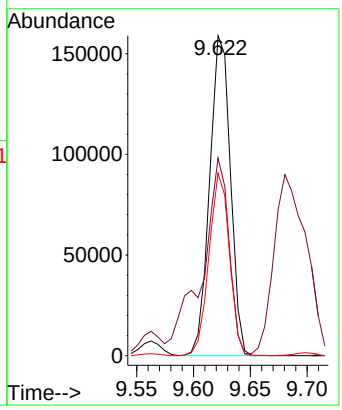




#51
2,6-Dinitrotoluene
Concen: 37.813 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:165 Resp: 20252

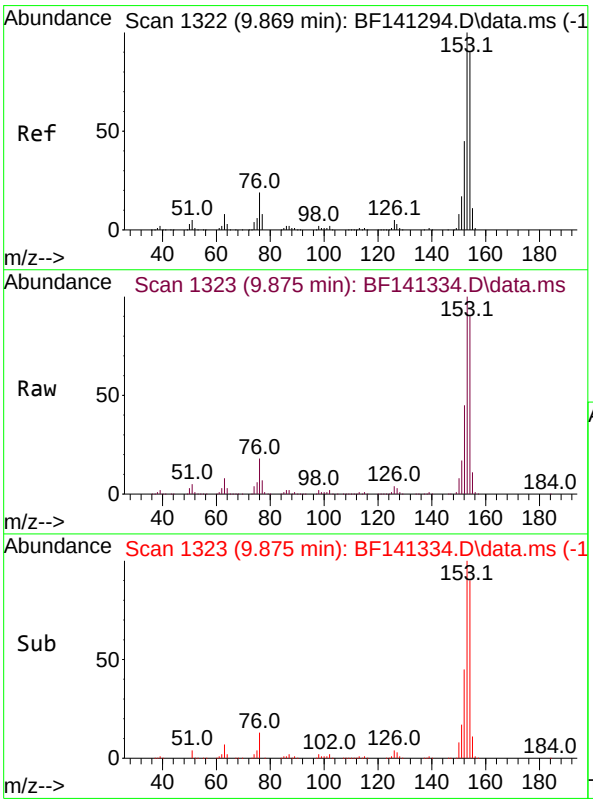
Ion	Ratio	Lower	Upper
165	100		
63	61.8	48.1	72.1
89	57.1	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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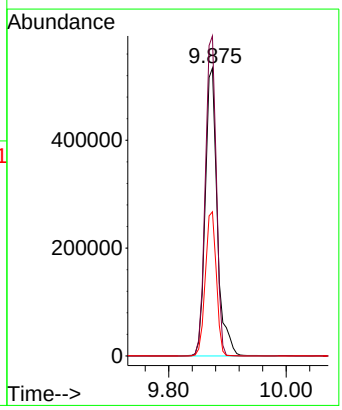
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

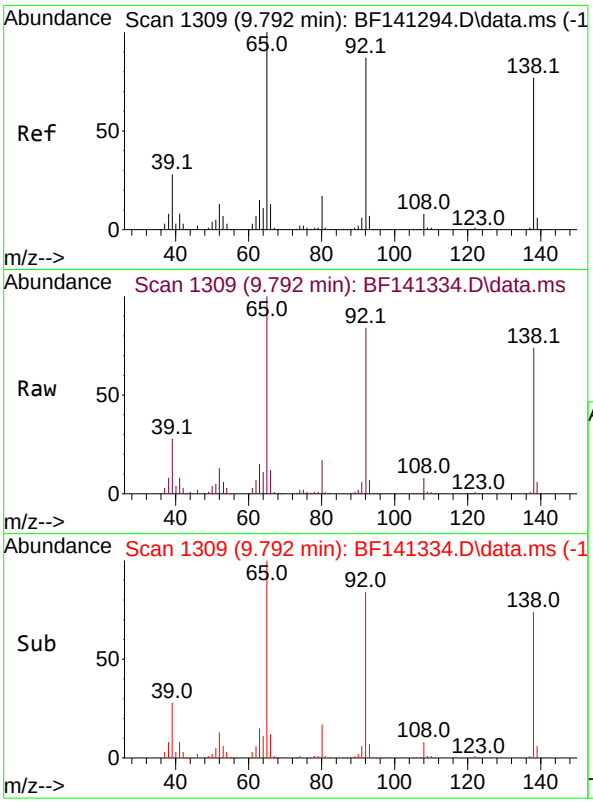


#52
Acenaphthene
Concen: 36.678 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 761516

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	50.1	40.2	60.4





#53
3-Nitroaniline
Concen: 37.207 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

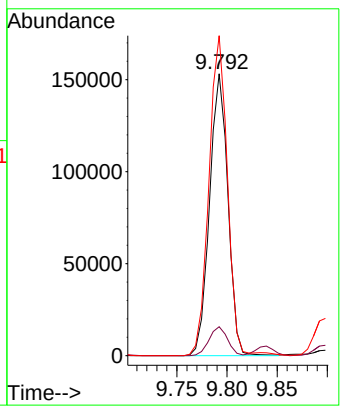
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

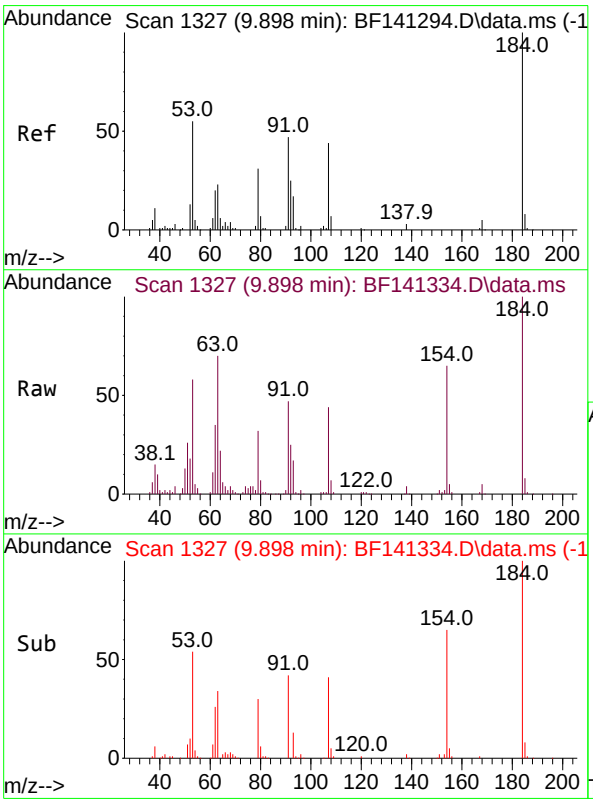
Tgt Ion:138 Resp: 19531

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	113.5	91.0	136.6

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

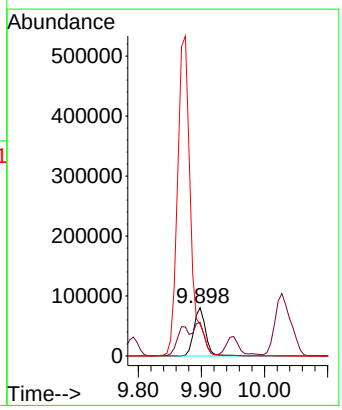


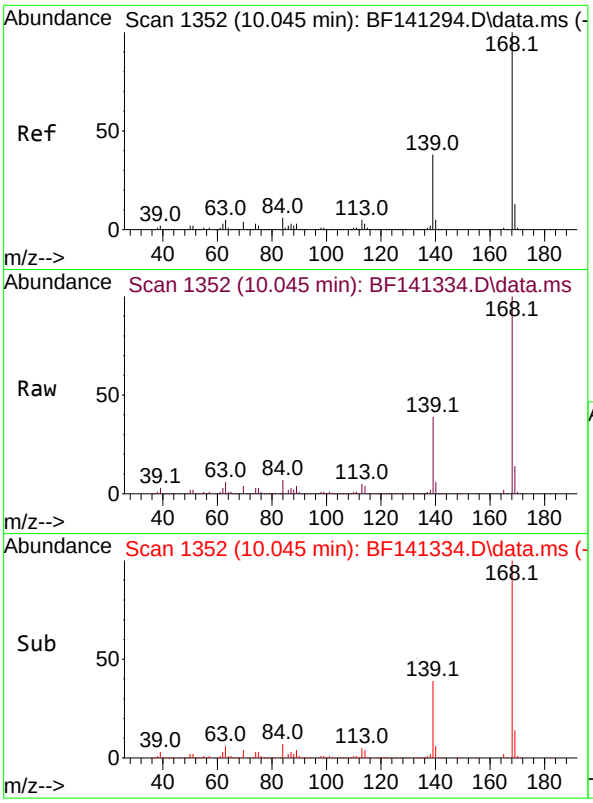


#54
2,4-Dinitrophenol
Concen: 41.956 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:184 Resp: 104461

Ion	Ratio	Lower	Upper
184	100		
63	69.8	54.1	81.1
154	65.4	50.7	76.1

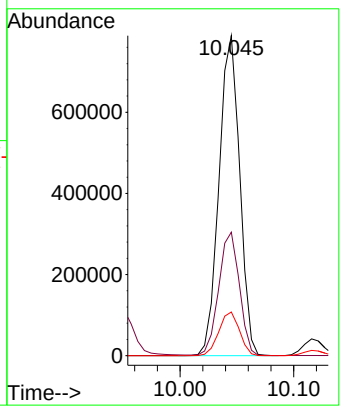




#55
Dibenzofuran
Concen: 35.957 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:168 Resp: 99928

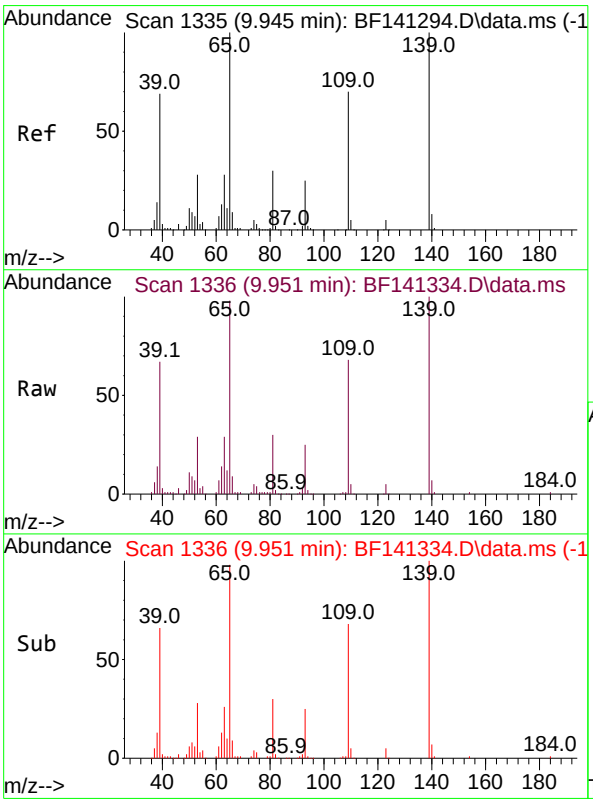
Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	46.0
169	13.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

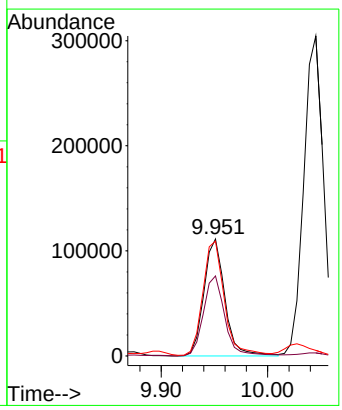
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

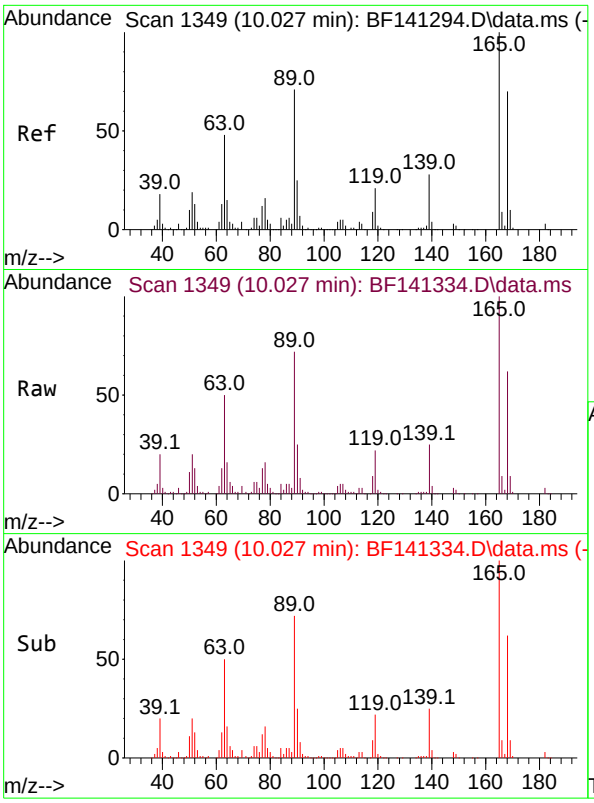


#56
4-Nitrophenol
Concen: 39.808 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 152830

Ion	Ratio	Lower	Upper
139	100		
109	68.4	50.2	90.2
65	98.2	80.6	120.6

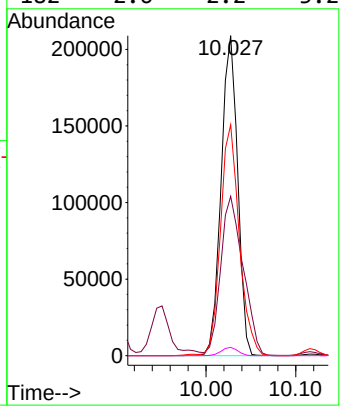




#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:165 Resp: 26711

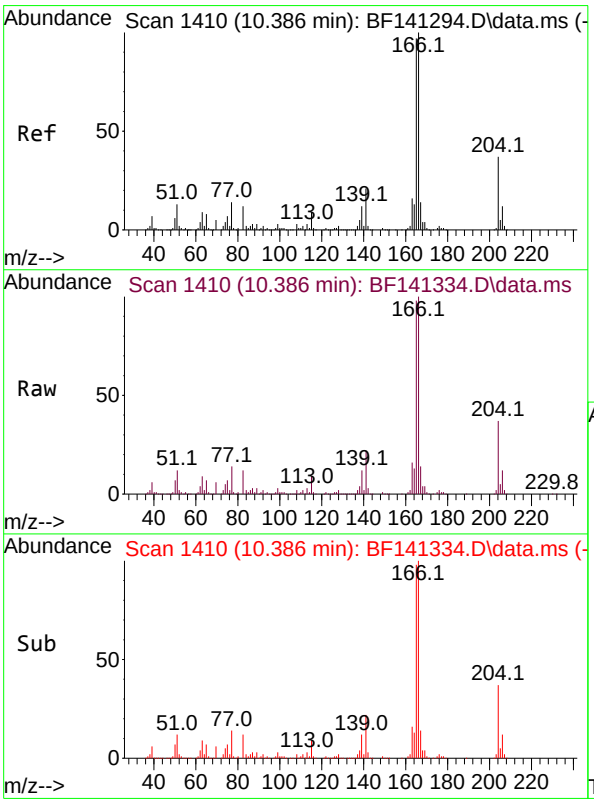
Ion	Ratio	Lower	Upper
165	100		
63	49.8	39.2	58.8
89	72.2	56.9	85.3
182	2.6	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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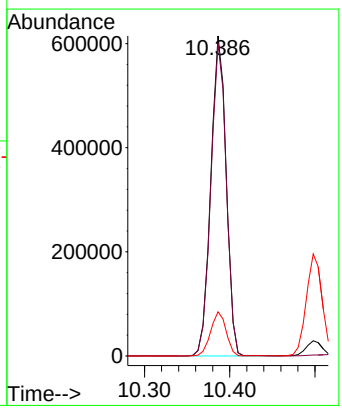
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

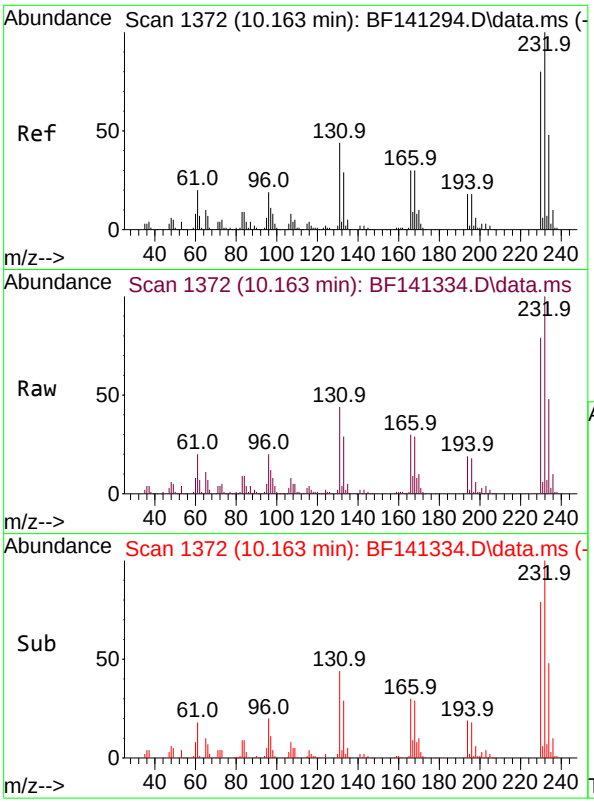


#58
Fluorene
Concen: 35.892 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:166 Resp: 773726

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.8	10.9	16.3

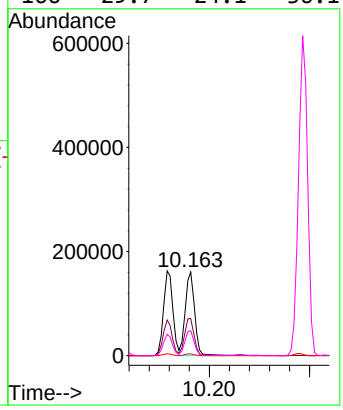




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.450 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:232 Resp: 20938

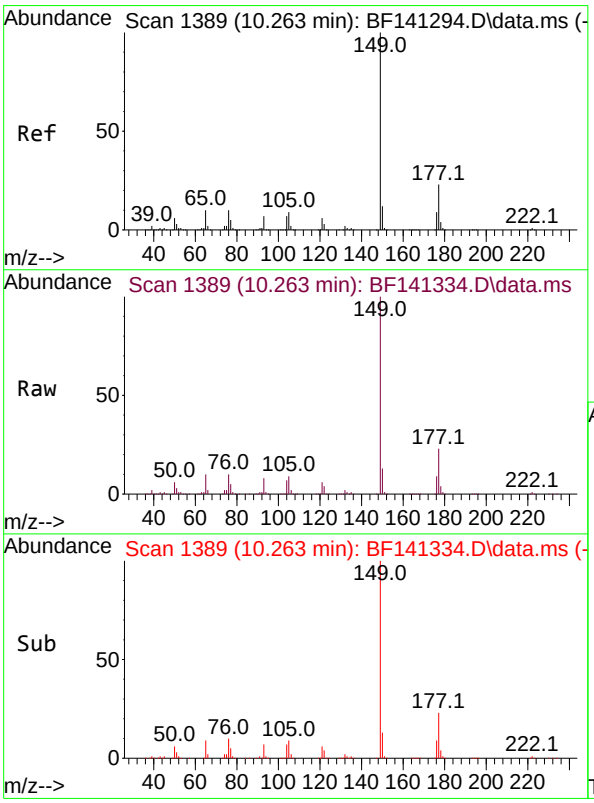
Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.4	54.6
130	2.2	1.9	2.9
166	29.7	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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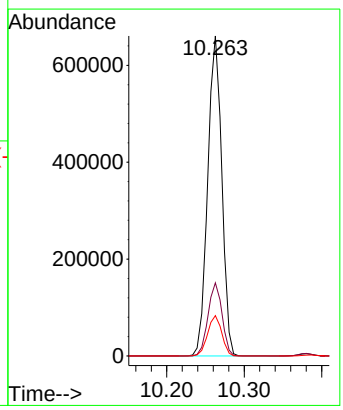
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

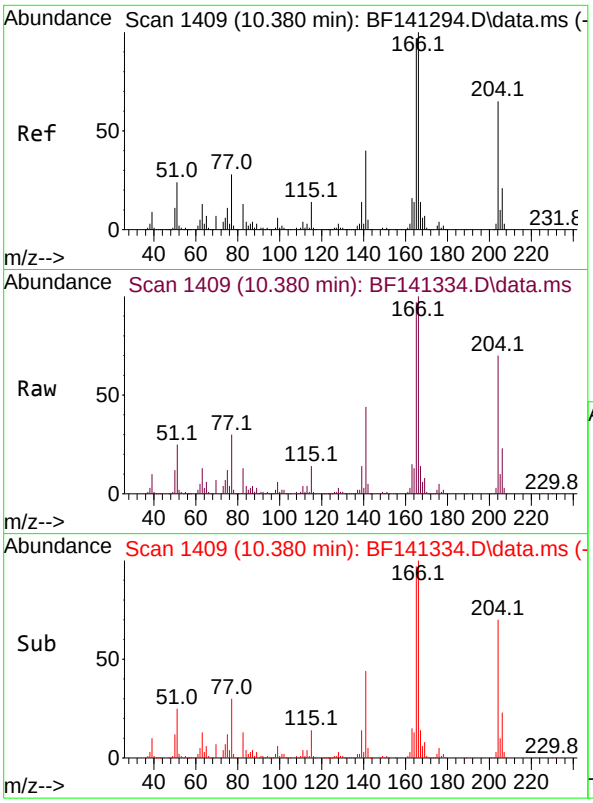


#60
Diethylphthalate
Concen: 37.205 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 832152

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.6	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.147 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

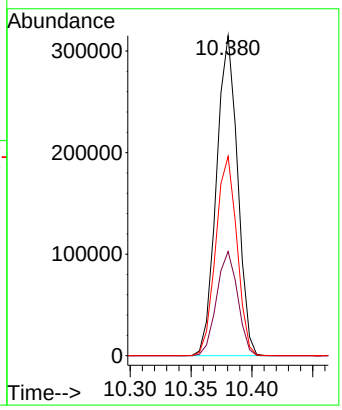
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

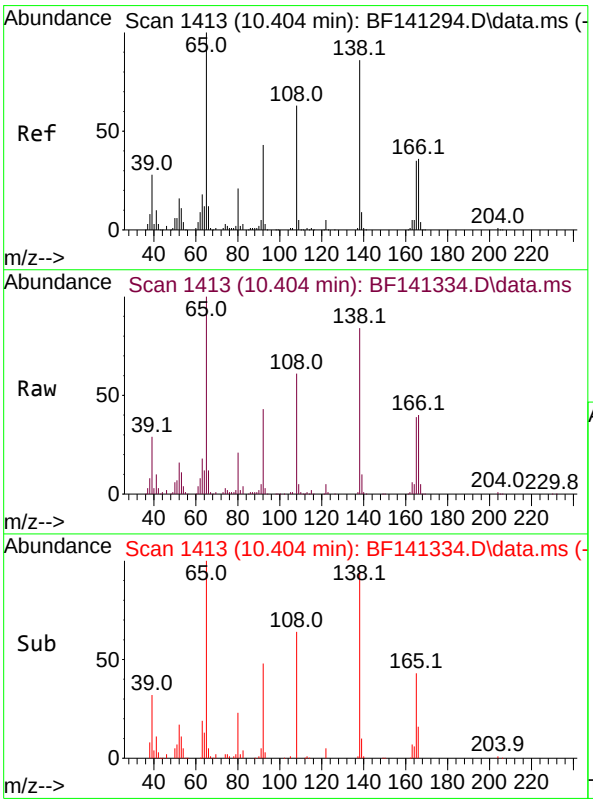
Tgt Ion:204 Resp: 38062

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	62.2	49.5	74.3

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

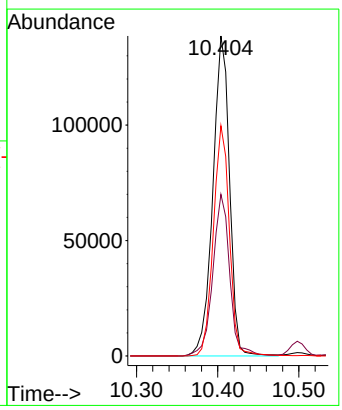


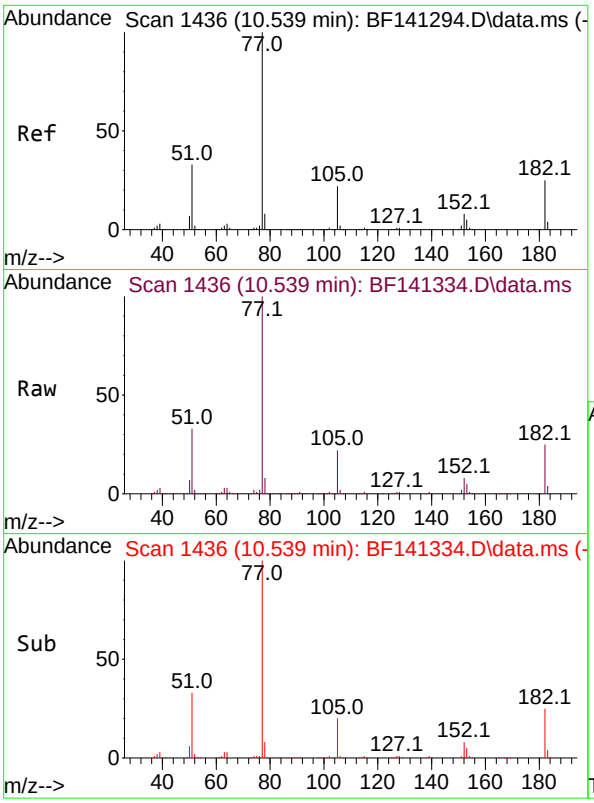


#62
4-Nitroaniline
Concen: 38.469 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:138 Resp: 198535

Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.1	70.1
108	71.9	53.1	93.1

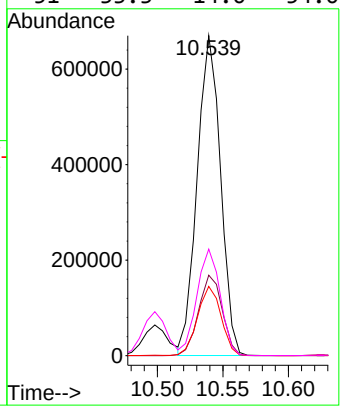




#63
Azobenzene
Concen: 37.160 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 83195

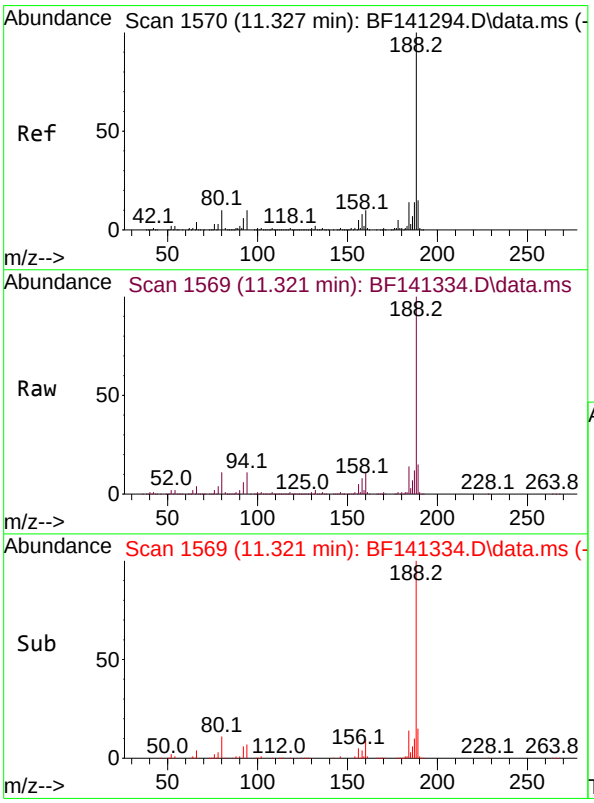
Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.1	45.1
105	21.7	1.8	41.8
51	33.3	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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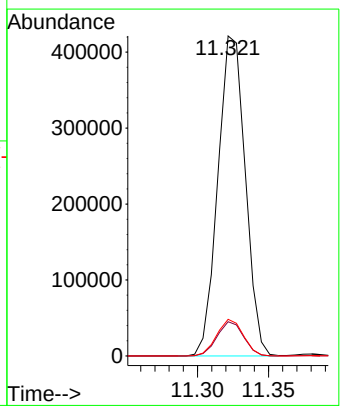
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

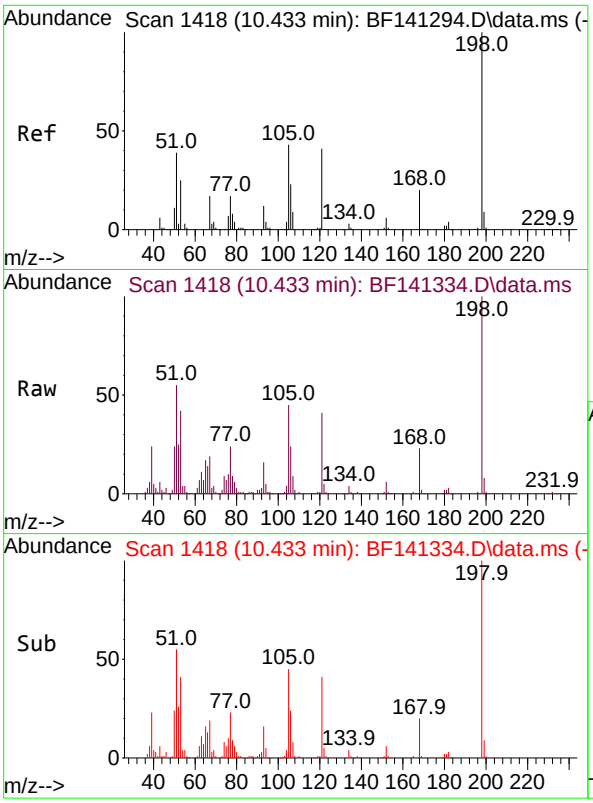


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:188 Resp: 566479

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.4	8.2	12.4

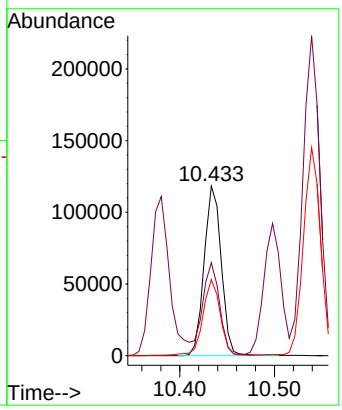




#65
4,6-Dinitro-2-methylphenol
Concen: 44.330 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:198 Resp: 14853

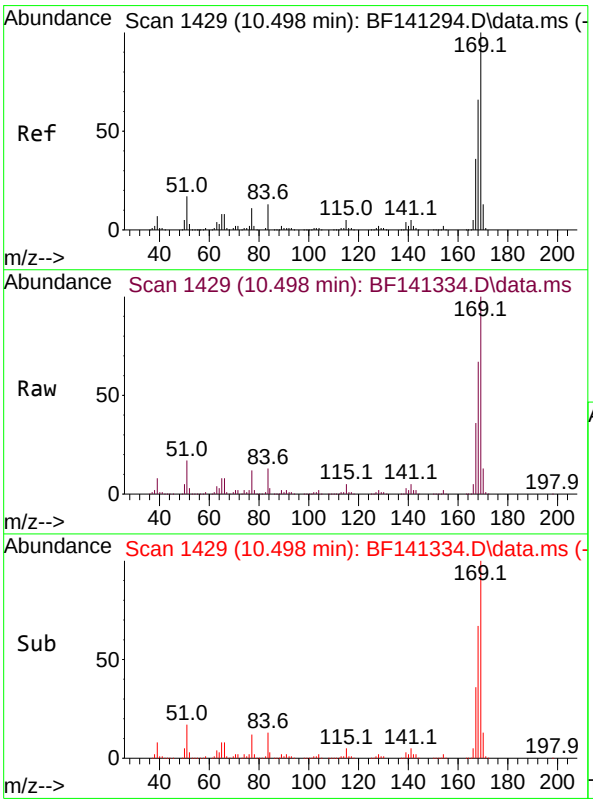
Ion	Ratio	Lower	Upper
198	100		
51	54.8	33.4	73.4
105	44.8	24.4	64.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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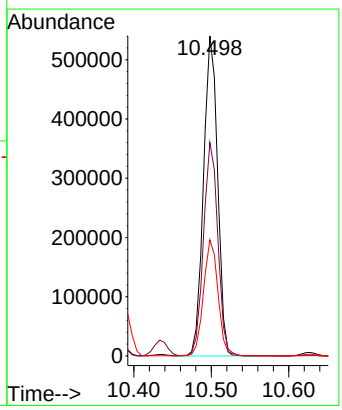
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

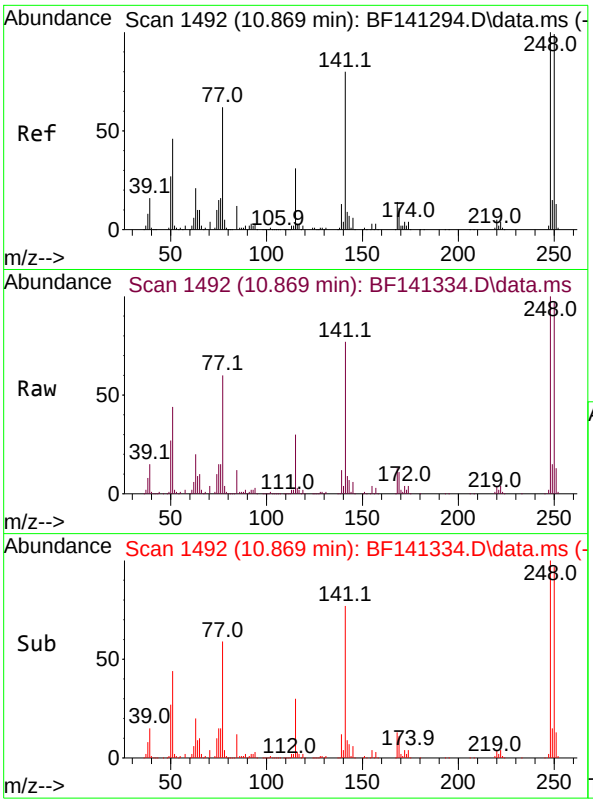


#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:169 Resp: 682549

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.3	28.8	43.2

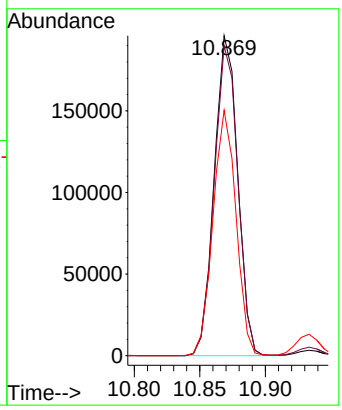




#67
4-Bromophenyl-phenylether
Concen: 38.536 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:248 Resp: 24439

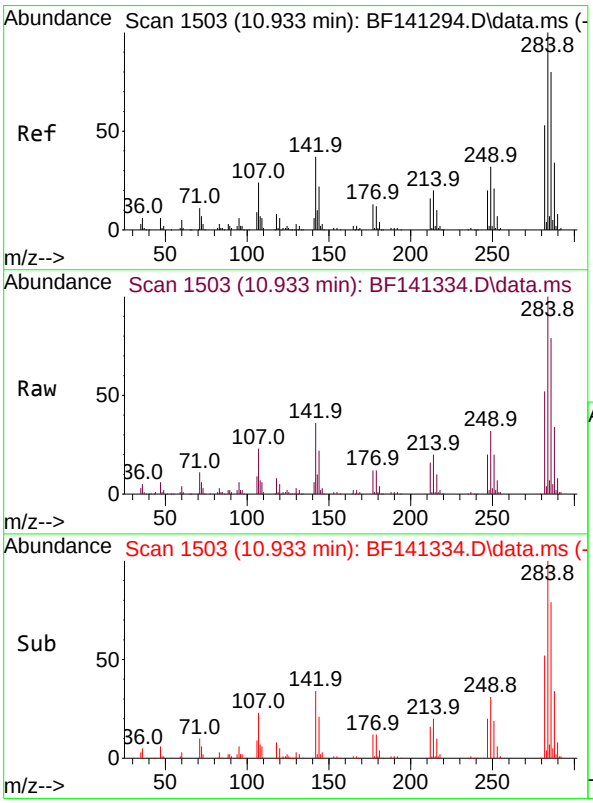
Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.0	118.4
141	76.7	63.7	95.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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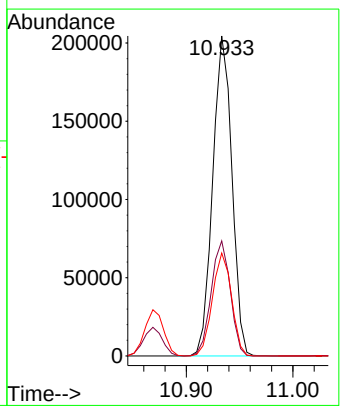
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

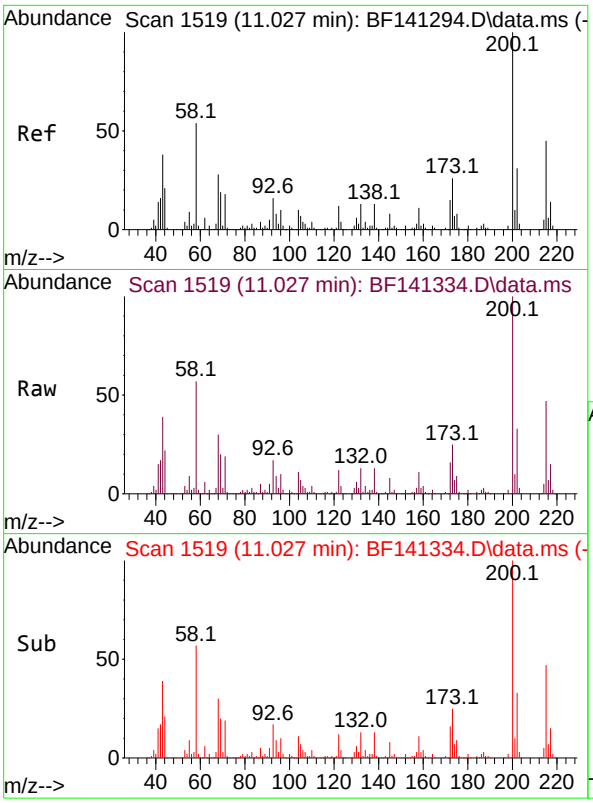


#68
Hexachlorobenzene
Concen: 37.954 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:284 Resp: 255323

Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.5	44.3
249	32.2	25.4	38.2

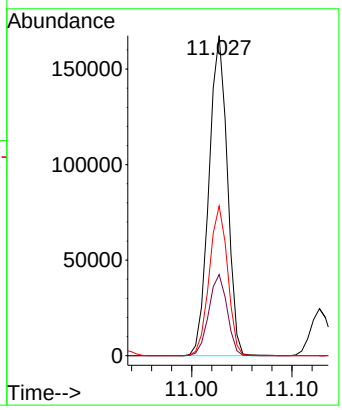




#69
Atrazine
Concen: 34.836 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:200 Resp: 21340

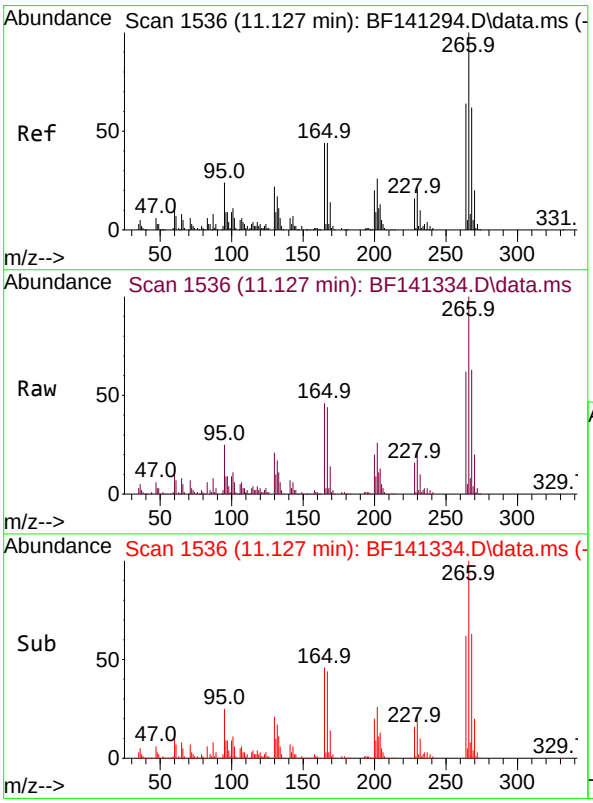
Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.9	45.9
215	46.8	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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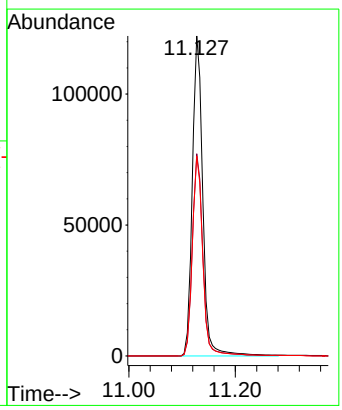
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

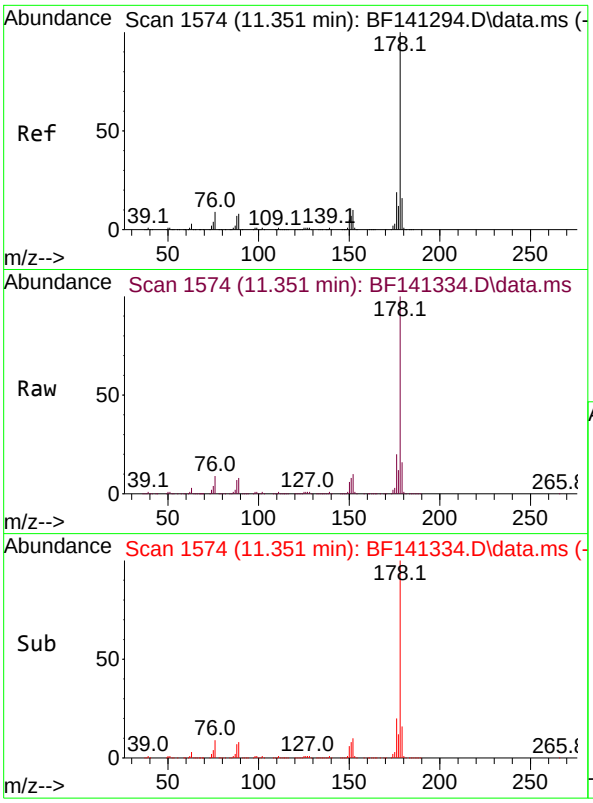


#70
Pentachlorophenol
Concen: 42.456 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:266 Resp: 167246

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.9	74.9
264	62.5	51.0	76.4

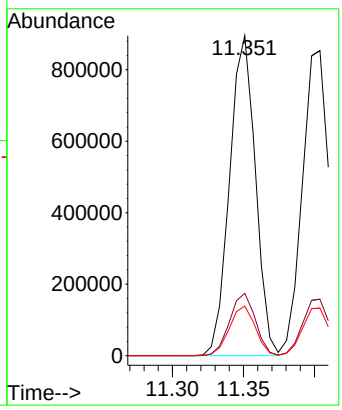




#71
Phenanthrene
Concen: 37.212 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:178 Resp: 113312

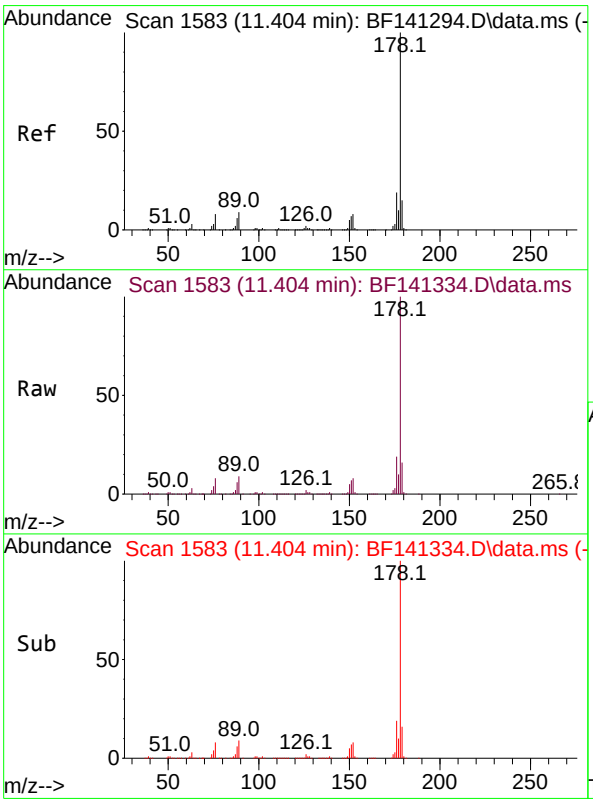
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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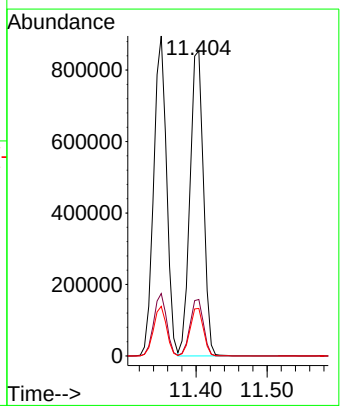
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

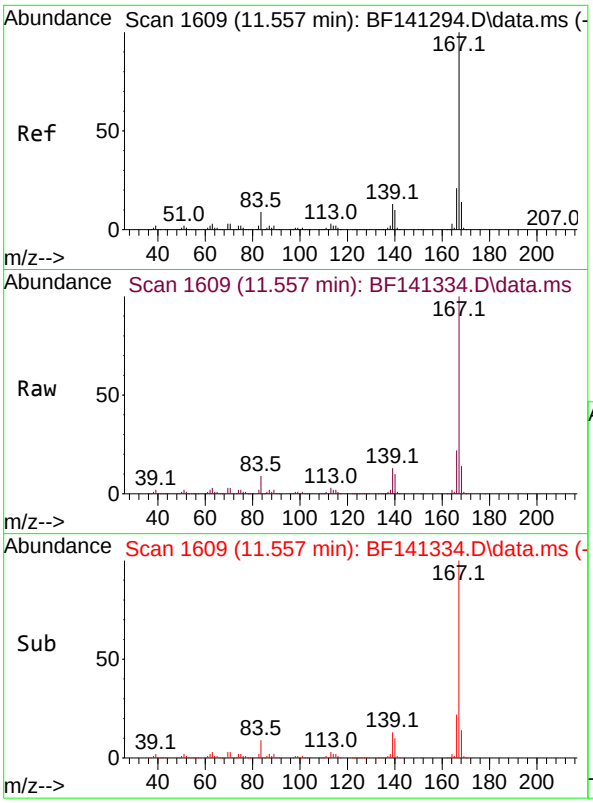


#72
Anthracene
Concen: 37.760 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:178 Resp: 1126615

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.6	12.3	18.5

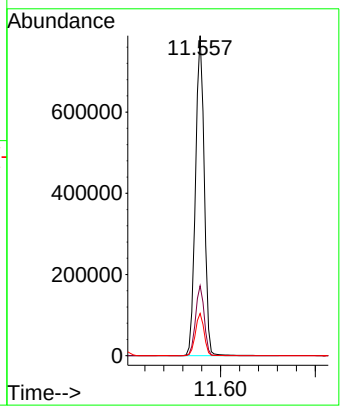




#73
Carbazole
Concen: 38.354 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:167 Resp: 101471

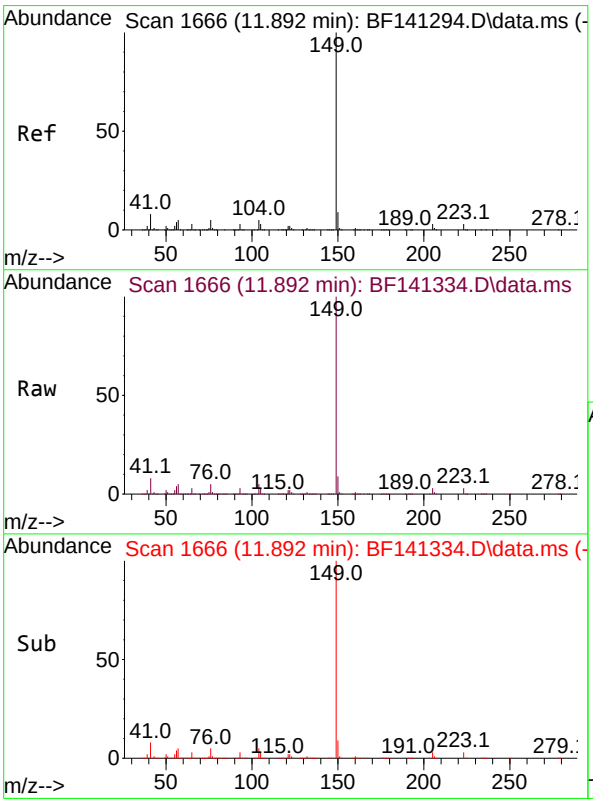
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

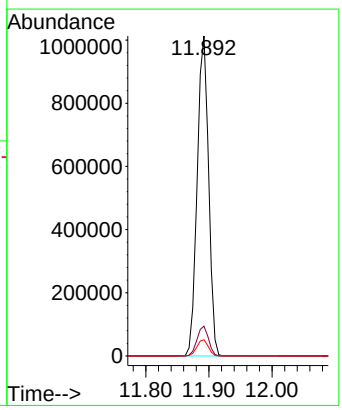
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

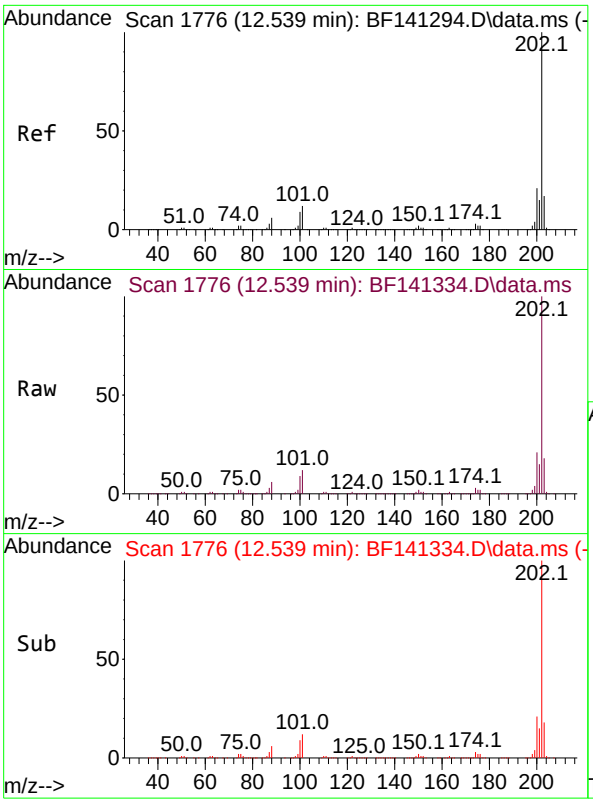


#74
Di-n-butylphthalate
Concen: 39.613 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 1270081

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

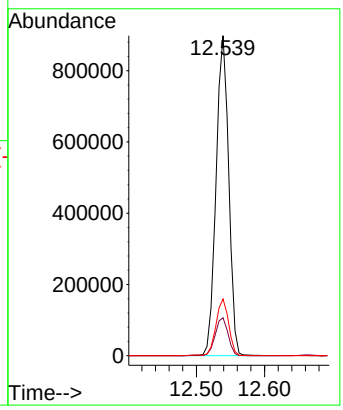




#75
Fluoranthene
Concen: 38.576 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:202 Resp: 115983

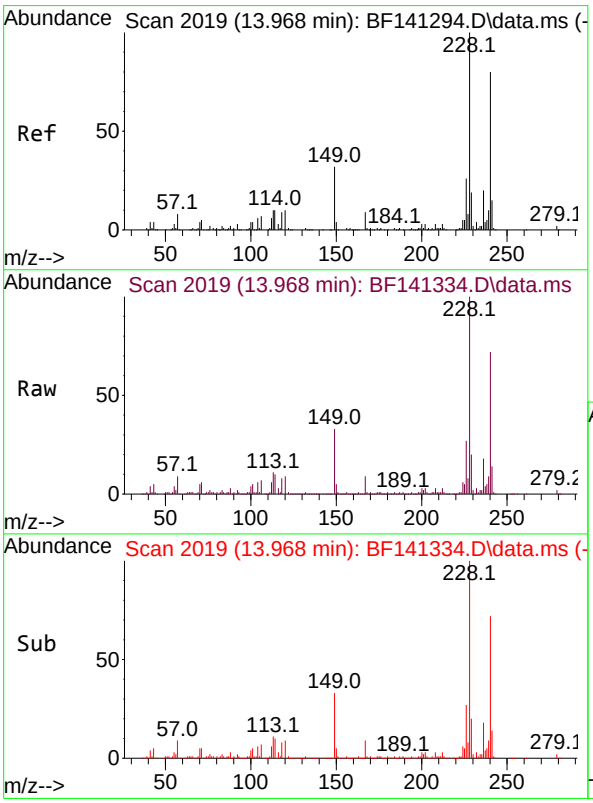
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.7	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

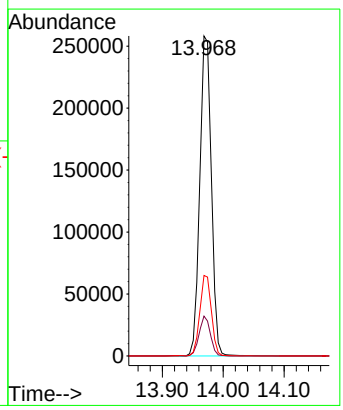
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

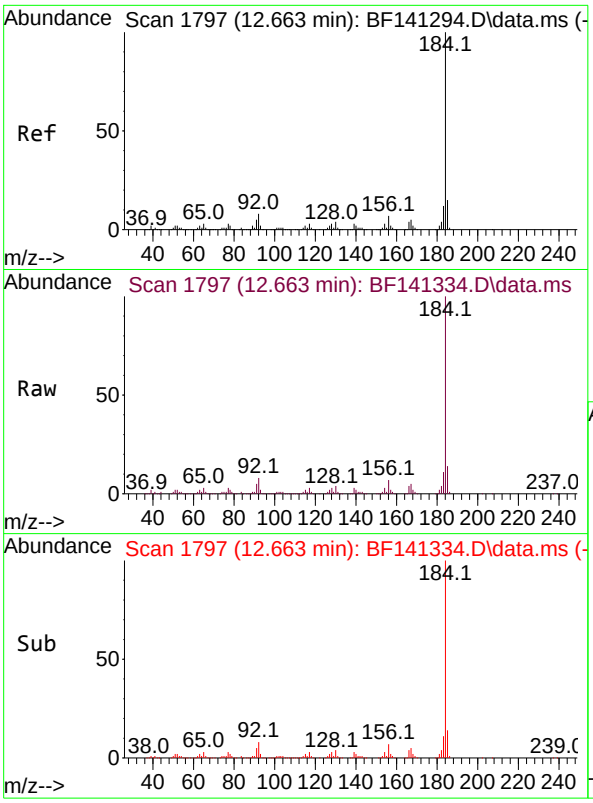


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:240 Resp: 341440

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.1	19.7	29.5

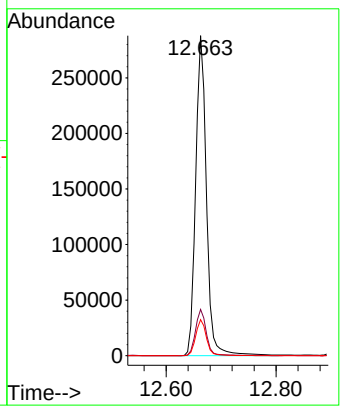




#77
Benzidine
Concen: 35.937 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:184 Resp: 39336

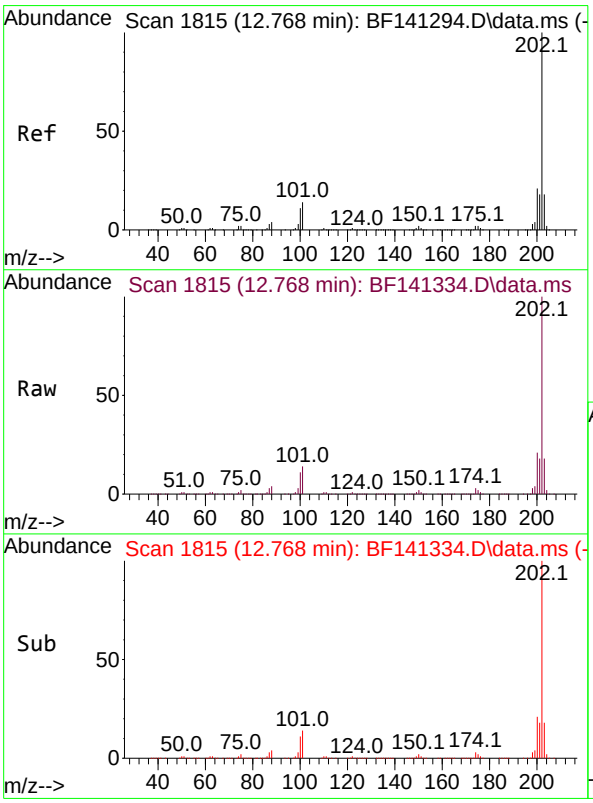
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.3	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

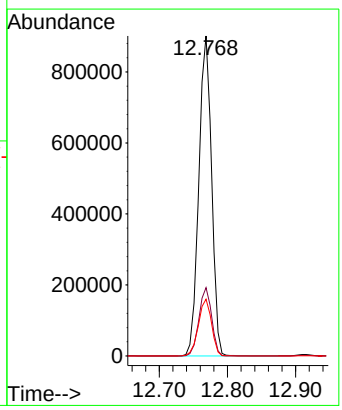
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

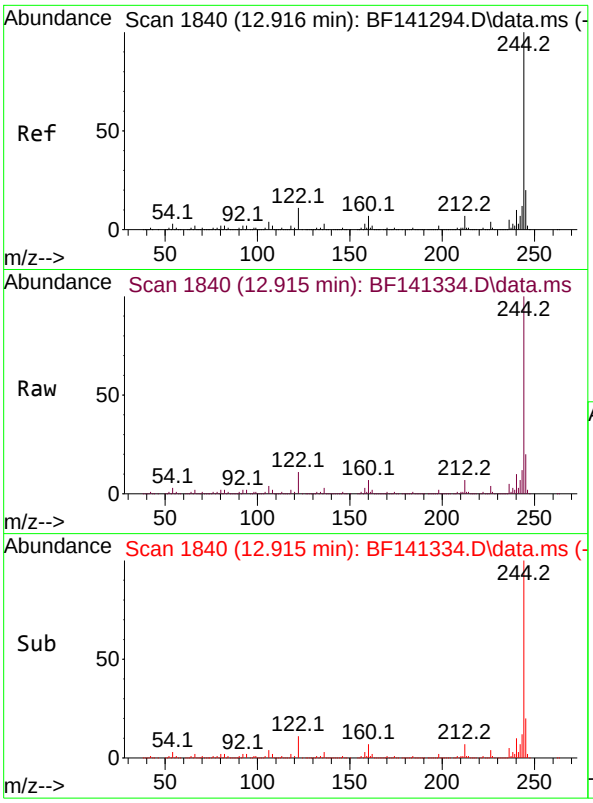


#78
Pyrene
Concen: 35.817 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:202 Resp: 1173910

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.7	14.3	21.5

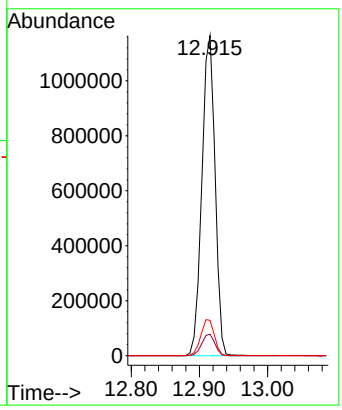




#79
Terphenyl-d14
Concen: 70.798 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:244 Resp: 156746

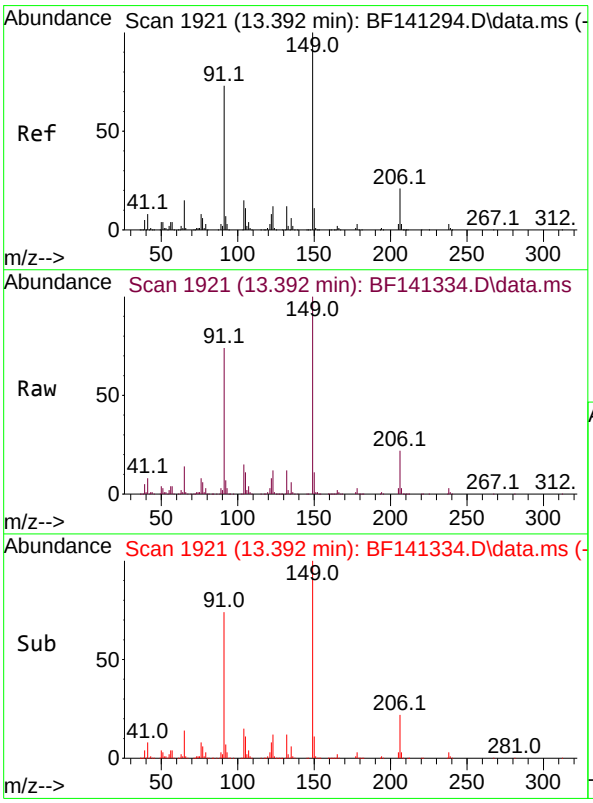
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

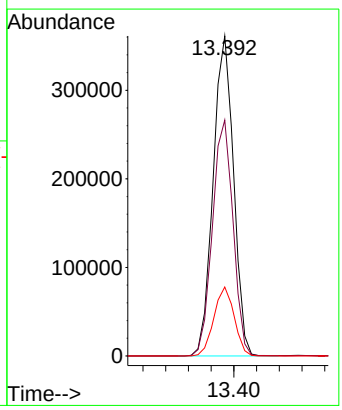
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

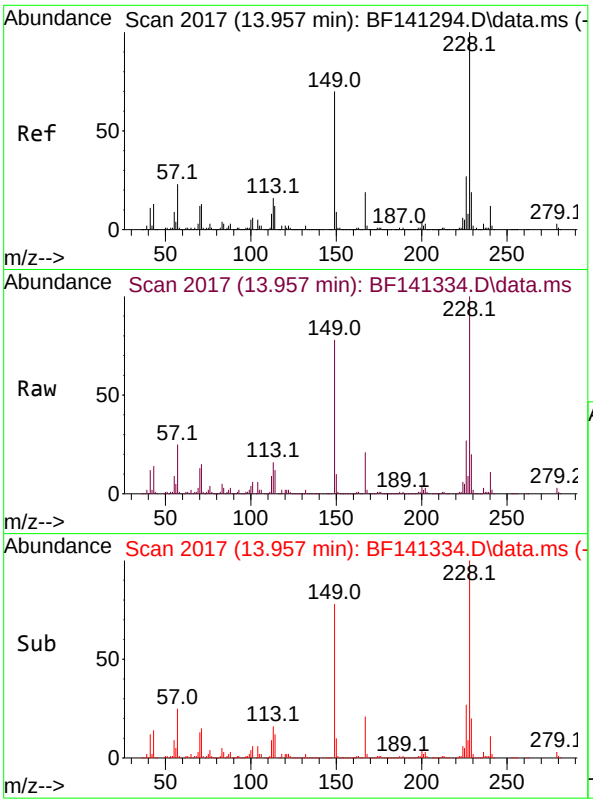


#80
Butylbenzylphthalate
Concen: 39.406 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 451201

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	21.5	16.7	25.1

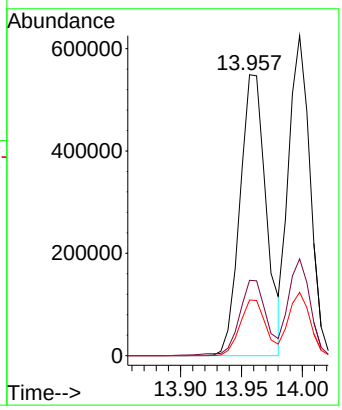




#81
Benzo(a)anthracene
Concen: 34.980 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:228 Resp: 82418

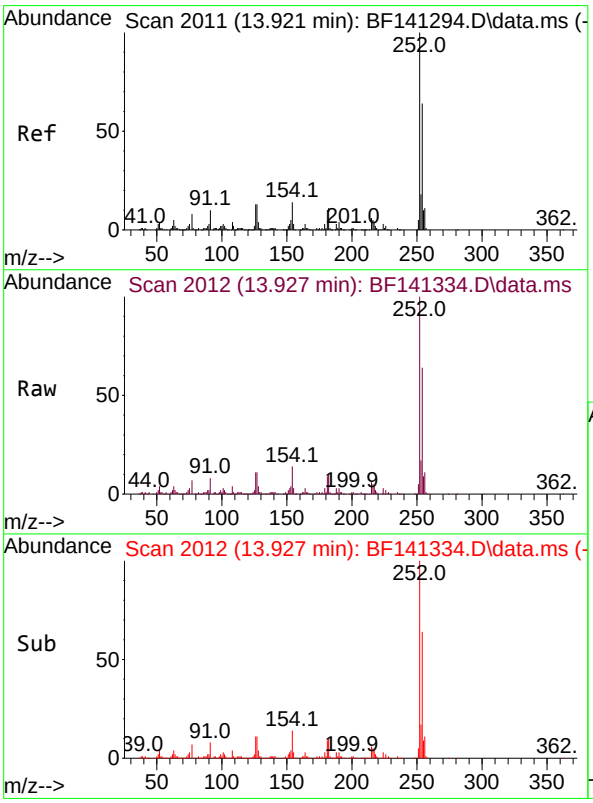
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.8	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

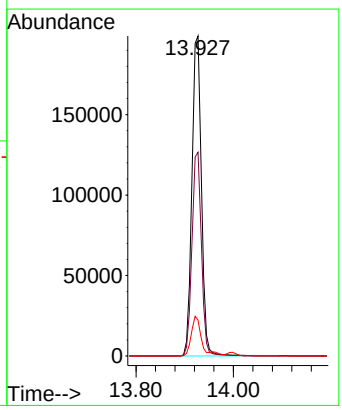
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

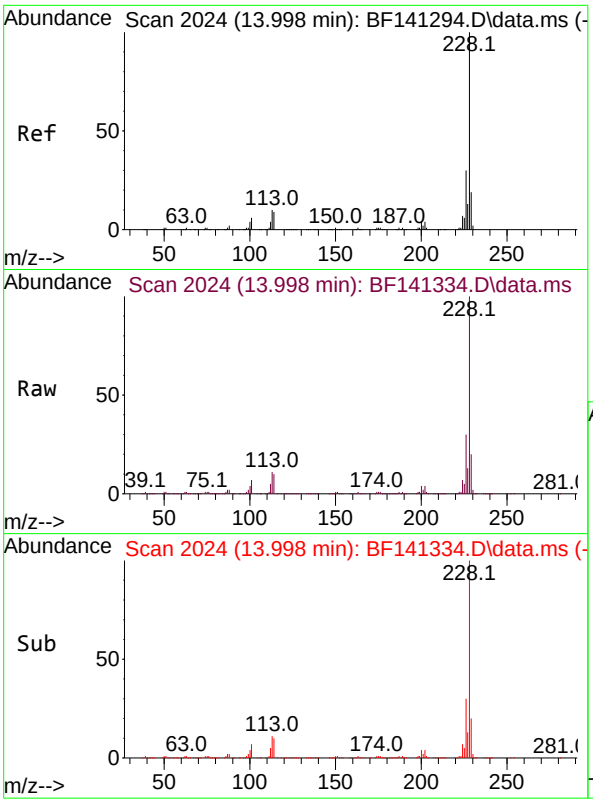


#82
3,3'-Dichlorobenzidine
Concen: 36.313 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 272114

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	11.2	10.0	15.0

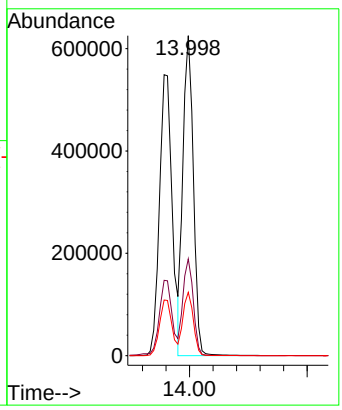




#83
Chrysene
Concen: 35.690 ng
RT: 13.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:228 Resp: 77066

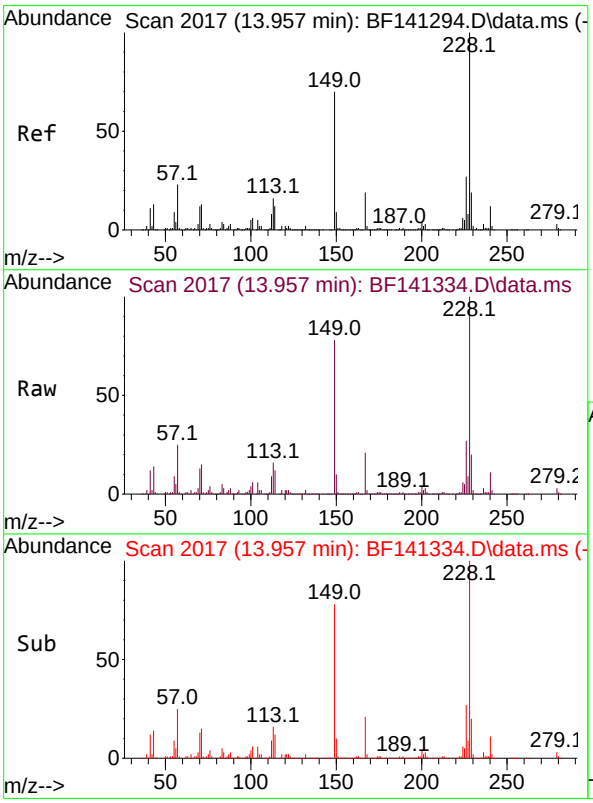
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.8	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

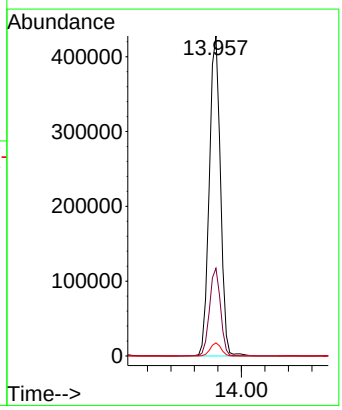
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

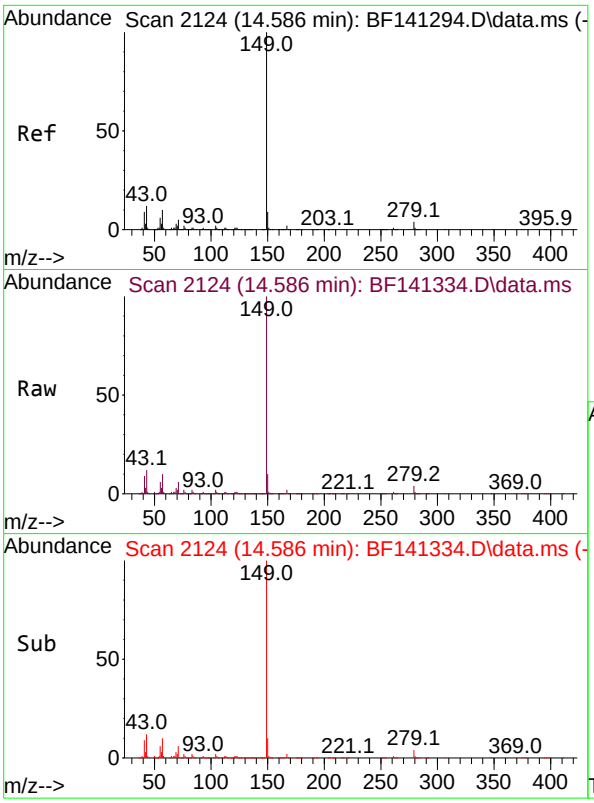


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.633 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 561147

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.1	3.3	4.9

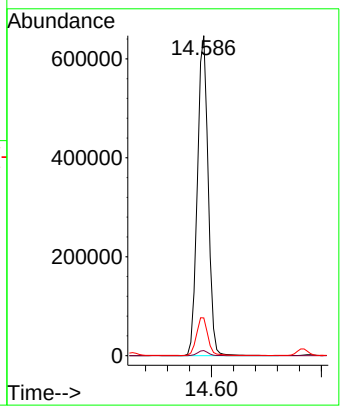




#85
Di-n-octyl phthalate
Concen: 39.037 ng
RT: 14.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 88067

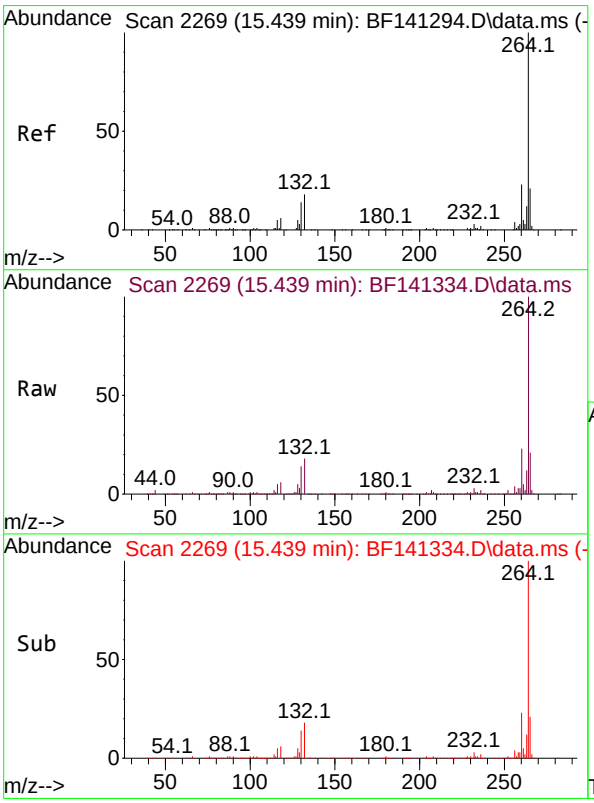
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

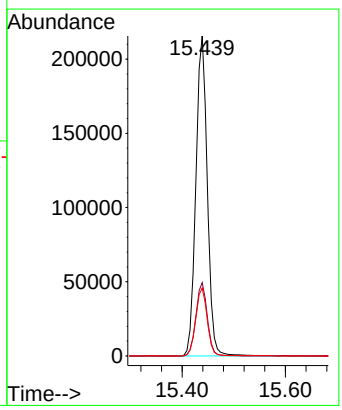
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

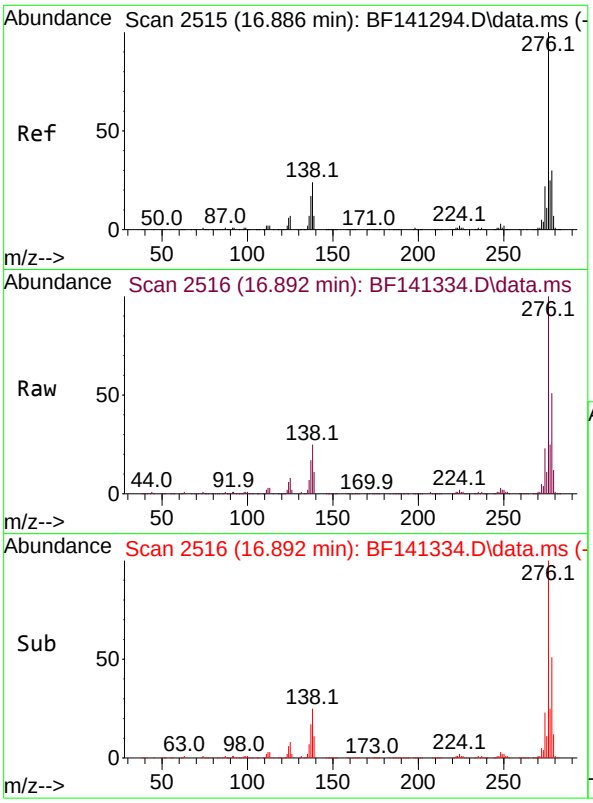


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:264 Resp: 331116

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.3	16.7	25.1

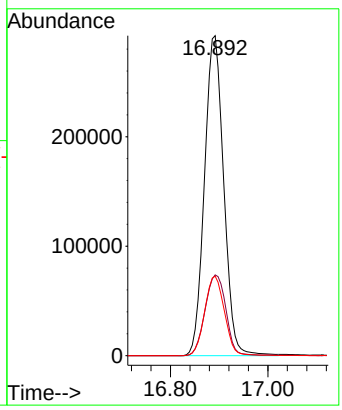




#87
Indeno(1,2,3-cd)pyrene
Concen: 37.527 ng
RT: 16.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 80200

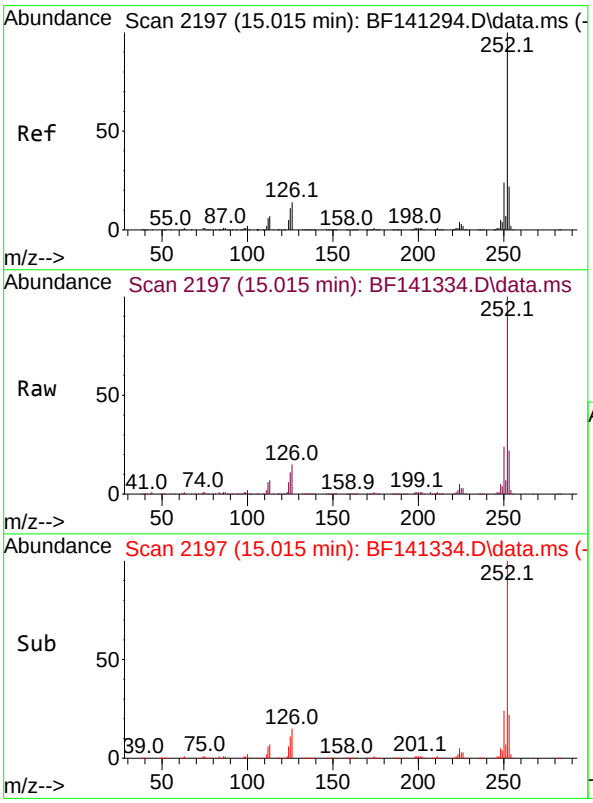
Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	25.7	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

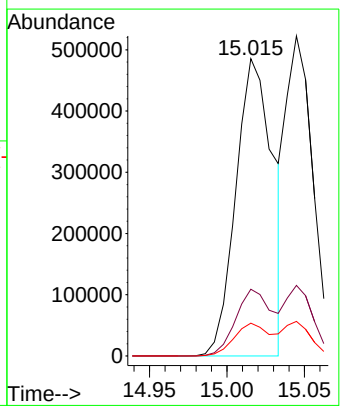
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

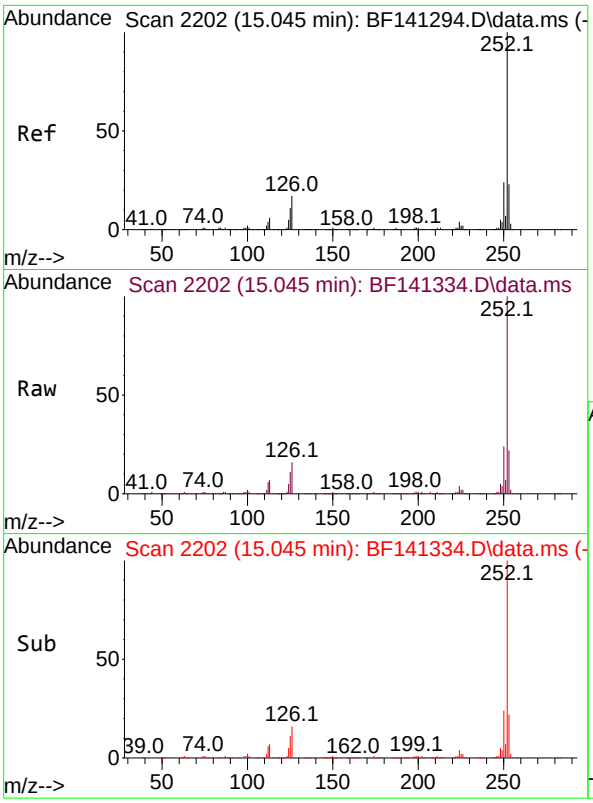


#88
Benzo(b)fluoranthene
Concen: 38.817 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 808478

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.0	8.6	12.8

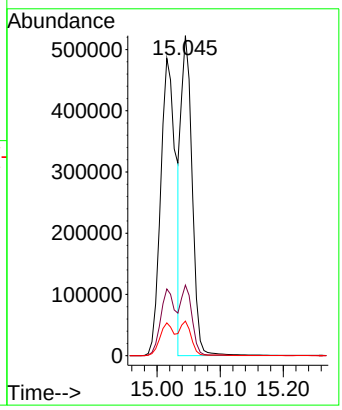




#89
Benzo(k)fluoranthene
Concen: 34.632 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 63899

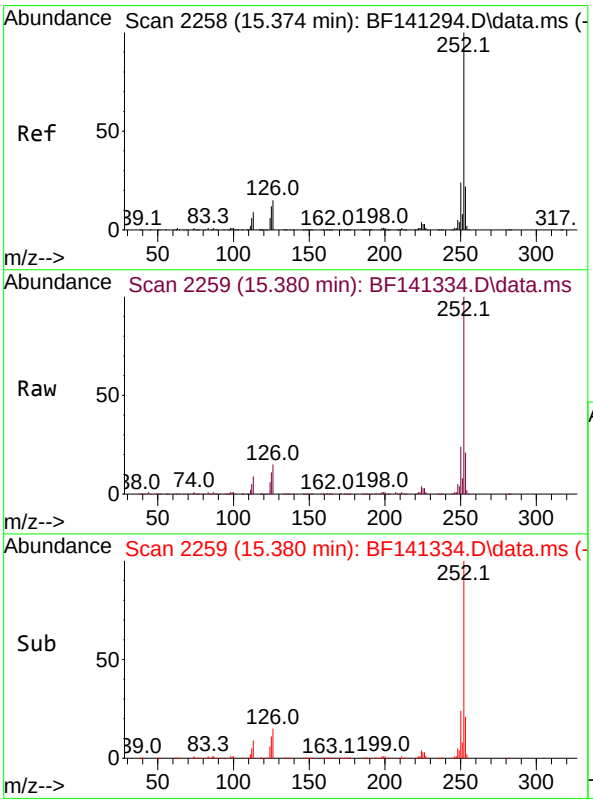
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

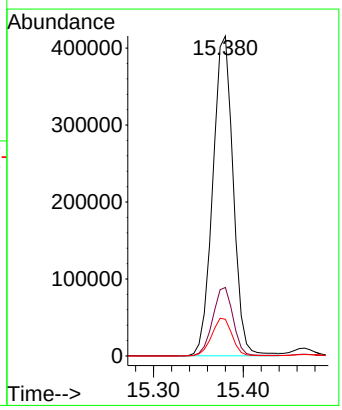
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

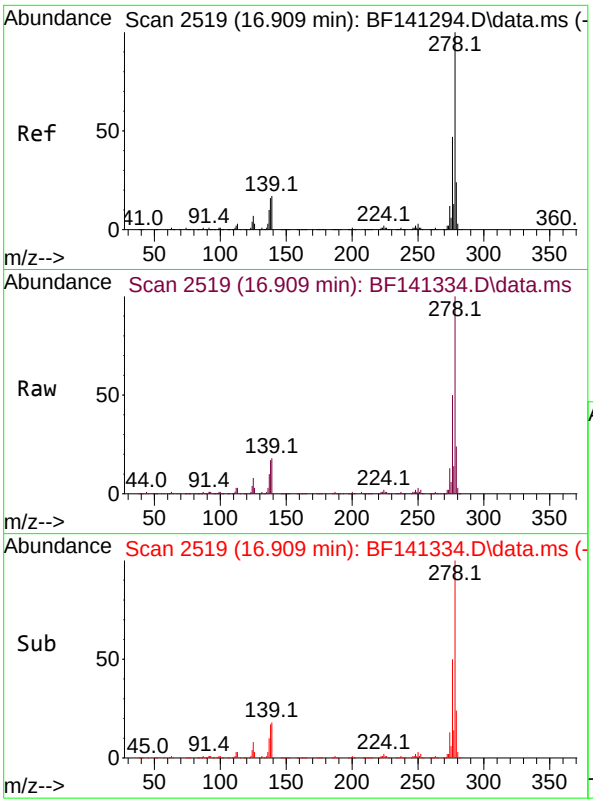


#90
Benzo(a)pyrene
Concen: 37.270 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 655984

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.5	9.4	14.2

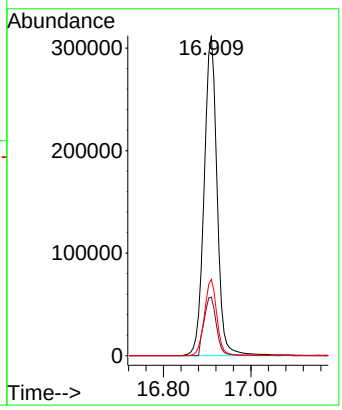




#91
Dibenzo(a,h)anthracene
Concen: 37.536 ng
RT: 16.909 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:278 Resp: 64539

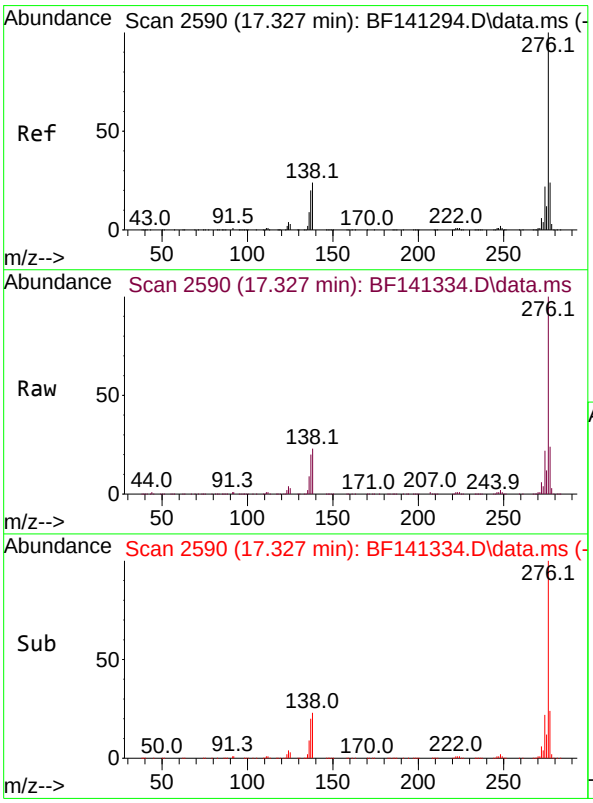
Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.9	20.9
279	23.9	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

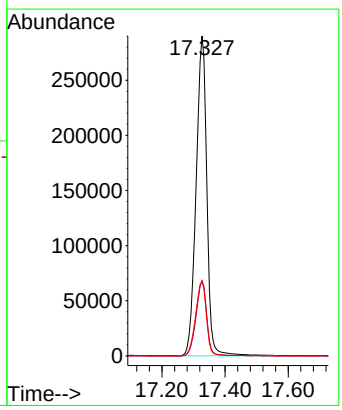
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 685709

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.3	19.0	28.4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	121	0.00
2		1,4-Dioxane	0.573	0.544	5.1	122	-0.01
3		Pyridine	1.380	1.323	4.1	121	-0.02
4		n-Nitrosodimethylamine	0.789	0.754	4.4	121	-0.04
5	S	2-Fluorophenol	1.303	1.199	8.0	121	0.00
6		Aniline	1.403	1.333	5.0	119	0.00
7	S	Phenol-d6	1.657	1.505	9.2	120	-0.01
8		2-Chlorophenol	1.396	1.293	7.4	120	0.00
9		Benzaldehyde	0.960	0.942	1.9	127	0.00
10	C	Phenol	1.757	1.599	9.0	118	0.00
11		bis(2-Chloroethyl)ether	1.347	1.234	8.4	121	0.00
12		1,3-Dichlorobenzene	1.540	1.422	7.7	120	0.00
13	C	1,4-Dichlorobenzene	1.547	1.434	7.3	121	0.00
14		1,2-Dichlorobenzene	1.448	1.311	9.5	118	0.00
15		Benzyl Alcohol	1.133	1.061	6.4	118	0.00
16		2,2'-oxybis(1-Chloropropane	2.342	2.170	7.3	120	0.00
17		2-Methylphenol	1.135	1.044	8.0	121	0.00
18		Hexachloroethane	0.571	0.527	7.7	120	0.00
19	P	n-Nitroso-di-n-propylamine	0.985	0.895	9.1	121	-0.01
20		3+4-Methylphenols	1.393	1.246	10.6	117	-0.01
21	I	Naphthalene-d8	1.000	1.000	0.0	121	0.00
22		Acetophenone	0.475	0.424	10.7	118	0.00
23	S	Nitrobenzene-d5	0.379	0.346	8.7	119	0.00
24		Nitrobenzene	0.393	0.361	8.1	118	-0.01
25		Isophorone	0.656	0.606	7.6	120	0.00
26	C	2-Nitrophenol	0.185	0.173	6.5	119	0.00
27		2,4-Dimethylphenol	0.236	0.221	6.4	120	0.00
28		bis(2-Chloroethoxy)methane	0.418	0.382	8.6	119	0.00
29	C	2,4-Dichlorophenol	0.289	0.267	7.6	120	0.00
30		1,2,4-Trichlorobenzene	0.330	0.297	10.0	119	0.00
31		Naphthalene	1.057	0.951	10.0	118	0.00
32		Benzoic acid	0.217	0.230	-6.0	127	-0.03
33		4-Chloroaniline	0.358	0.318	11.2	114	0.00
34	C	Hexachlorobutadiene	0.194	0.176	9.3	119	0.00
35		Caprolactam	0.094	0.090	4.3	123	-0.02
36	C	4-Chloro-3-methylphenol	0.310	0.291	6.1	123	0.00
37		2-Methylnaphthalene	0.672	0.604	10.1	117	0.00
38		1-Methylnaphthalene	0.660	0.592	10.3	119	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	121	0.00
40		1,2,4,5-Tetrachlorobenzene	0.569	0.524	7.9	118	0.00
41	P	Hexachlorocyclopentadiene	0.168	0.165	1.8	116	0.00
42	S	2,4,6-Tribromophenol	0.183	0.173	5.5	121	0.00
43	C	2,4,6-Trichlorophenol	0.372	0.354	4.8	117	0.00
44		2,4,5-Trichlorophenol	0.405	0.376	7.2	120	0.00
45	S	2-Fluorobiphenyl	1.299	1.144	11.9	117	0.00
46		1,1'-Biphenyl	1.560	1.407	9.8	117	0.00
47		2-Chloronaphthalene	1.216	1.096	9.9	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	0.382	0.361	5.5	120	0.00
49		Acenaphthylene	1.702	1.553	8.8	118	0.00
50		Dimethylphthalate	1.351	1.249	7.5	122	0.00
51		2,6-Dinitrotoluene	0.314	0.296	5.7	121	0.00
52	C	Acenaphthene	1.216	1.115	8.3	119	0.00
53		3-Nitroaniline	0.307	0.286	6.8	114	0.00
54	P	2,4-Dinitrophenol	0.146	0.153	-4.8	125	0.00
55		Dibenzofuran	1.627	1.463	10.1	116	0.00
56	P	4-Nitrophenol	0.225	0.224	0.4	121	0.00
57		2,4-Dinitrotoluene	0.406	0.391	3.7	122	0.00
58		Fluorene	1.262	1.133	10.2	117	0.00
59		2,3,4,6-Tetrachlorophenol	0.319	0.307	3.8	122	0.00
60		Diethylphthalate	1.310	1.218	7.0	120	0.00
61		4-Chlorophenyl-phenylether	0.617	0.557	9.7	119	0.00
62		4-Nitroaniline	0.302	0.291	3.6	121	-0.01
63		Azobenzene	1.311	1.218	7.1	120	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	124	0.00
65		4,6-Dinitro-2-methylphenol	0.118	0.131	-11.0	129	0.00
66	c	n-Nitrosodiphenylamine	0.647	0.602	7.0	119	0.00
67		4-Bromophenyl-phenylether	0.224	0.216	3.6	123	0.00
68		Hexachlorobenzene	0.238	0.225	5.5	122	0.00
69		Atrazine	0.216	0.188	13.0	109	0.00
70	C	Pentachlorophenol	0.139	0.148	-6.5	127	0.00
71		Phenanthrene	1.075	1.000	7.0	121	0.00
72		Anthracene	1.053	0.994	5.6	122	0.00
73		Carbazole	0.934	0.896	4.1	123	0.00
74		Di-n-butylphthalate	1.132	1.121	1.0	128	0.00
75	C	Fluoranthene	1.062	1.024	3.6	125	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	131	0.00
77		Benzidine	0.641	0.576	10.1	103	0.00
78		Pyrene	1.920	1.719	10.5	128	0.00
79	S	Terphenyl-d14	1.297	1.148	11.5	127	0.00
80		Butylbenzylphthalate	0.671	0.661	1.5	138	0.00
81		Benzo(a)anthracene	1.380	1.207	12.5	124	0.00
82		3,3'-Dichlorobenzidine	0.439	0.398	9.3	125	0.00
83		Chrysene	1.265	1.129	10.8	130	0.00
84		Bis(2-ethylhexyl)phthalate	0.851	0.822	3.4	137	0.00
85	c	Di-n-octyl phthalate	1.321	1.290	2.3	137	0.00
86	I	Perylene-d12	1.000	1.000	0.0	119	0.00
87		Indeno(1,2,3-cd)pyrene	1.291	1.211	6.2	114	0.00
88		Benzo(b)fluoranthene	1.258	1.221	2.9	129	0.00
89		Benzo(k)fluoranthene	1.114	0.965	13.4	106	0.00
90	C	Benzo(a)pyrene	1.063	0.991	6.8	116	0.00
91		Dibenzo(a,h)anthracene	1.039	0.975	6.2	114	-0.01
92		Benzo(g,h,i)perylene	1.080	1.035	4.2	118	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	121	0.00
2		1,4-Dioxane	40.000	37.986	5.0	122	-0.01
3		Pyridine	40.000	38.326	4.2	121	-0.02
4		n-Nitrosodimethylamine	40.000	38.269	4.3	121	-0.04
5	S	2-Fluorophenol	80.000	73.623	8.0	121	0.00
6		Aniline	40.000	38.018	5.0	119	0.00
7	S	Phenol-d6	80.000	72.667	9.2	120	-0.01
8		2-Chlorophenol	40.000	37.030	7.4	120	0.00
9		Benzaldehyde	40.000	39.268	1.8	127	0.00
10	C	Phenol	40.000	36.397	9.0	118	0.00
11		bis(2-Chloroethyl)ether	40.000	36.649	8.4	121	0.00
12		1,3-Dichlorobenzene	40.000	36.939	7.7	120	0.00
13	C	1,4-Dichlorobenzene	40.000	37.089	7.3	121	0.00
14		1,2-Dichlorobenzene	40.000	36.203	9.5	118	0.00
15		Benzyl Alcohol	40.000	37.479	6.3	118	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	37.050	7.4	120	0.00
17		2-Methylphenol	40.000	36.801	8.0	121	0.00
18		Hexachloroethane	40.000	36.943	7.6	120	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	36.368	9.1	121	-0.01
20		3+4-Methylphenols	40.000	35.761	10.6	117	-0.01
21	I	Naphthalene-d8	20.000	20.000	0.0	121	0.00
22		Acetophenone	40.000	35.637	10.9	118	0.00
23	S	Nitrobenzene-d5	80.000	72.918	8.9	119	0.00
24		Nitrobenzene	40.000	36.727	8.2	118	-0.01
25		Isophorone	40.000	36.952	7.6	120	0.00
26	C	2-Nitrophenol	40.000	37.318	6.7	119	0.00
27		2,4-Dimethylphenol	40.000	37.535	6.2	120	0.00
28		bis(2-Chloroethoxy)methane	40.000	36.489	8.8	119	0.00
29	C	2,4-Dichlorophenol	40.000	37.008	7.5	120	0.00
30		1,2,4-Trichlorobenzene	40.000	36.030	9.9	119	0.00
31		Naphthalene	40.000	35.989	10.0	118	0.00
32		Benzoic acid	40.000	42.441	-6.1	127	-0.03
33		4-Chloroaniline	40.000	35.481	11.3	114	0.00
34	C	Hexachlorobutadiene	40.000	36.308	9.2	119	0.00
35		Caprolactam	40.000	38.166	4.6	123	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.503	6.2	123	0.00
37		2-Methylnaphthalene	40.000	35.969	10.1	117	0.00
38		1-Methylnaphthalene	40.000	35.916	10.2	119	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	121	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	36.817	8.0	118	0.00
41	P	Hexachlorocyclopentadiene	40.000	39.297	1.8	116	0.00
42	S	2,4,6-Tribromophenol	80.000	75.335	5.8	121	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.014	5.0	117	0.00
44		2,4,5-Trichlorophenol	40.000	37.124	7.2	120	0.00
45	S	2-Fluorobiphenyl	80.000	70.424	12.0	117	0.00
46		1,1'-Biphenyl	40.000	36.082	9.8	117	0.00
47		2-Chloronaphthalene	40.000	36.046	9.9	118	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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	37.746	5.6	120	0.00
49		Acenaphthylene	40.000	36.509	8.7	118	0.00
50		Dimethylphthalate	40.000	36.994	7.5	122	0.00
51		2,6-Dinitrotoluene	40.000	37.813	5.5	121	0.00
52	C	Acenaphthene	40.000	36.678	8.3	119	0.00
53		3-Nitroaniline	40.000	37.207	7.0	114	0.00
54	P	2,4-Dinitrophenol	40.000	41.956	-4.9	125	0.00
55		Dibenzofuran	40.000	35.957	10.1	116	0.00
56	P	4-Nitrophenol	40.000	39.808	0.5	121	0.00
57		2,4-Dinitrotoluene	40.000	38.519	3.7	122	0.00
58		Fluorene	40.000	35.892	10.3	117	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	38.450	3.9	122	0.00
60		Diethylphthalate	40.000	37.205	7.0	120	0.00
61		4-Chlorophenyl-phenylether	40.000	36.147	9.6	119	0.00
62		4-Nitroaniline	40.000	38.469	3.8	121	-0.01
63		Azobenzene	40.000	37.160	7.1	120	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	124	0.00
65		4,6-Dinitro-2-methylphenol	40.000	44.330	-10.8	129	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.253	6.9	119	0.00
67		4-Bromophenyl-phenylether	40.000	38.536	3.7	123	0.00
68		Hexachlorobenzene	40.000	37.954	5.1	122	0.00
69		Atrazine	40.000	34.836	12.9	109	0.00
70	C	Pentachlorophenol	40.000	42.456	-6.1	127	0.00
71		Phenanthrene	40.000	37.212	7.0	121	0.00
72		Anthracene	40.000	37.760	5.6	122	0.00
73		Carbazole	40.000	38.354	4.1	123	0.00
74		Di-n-butylphthalate	40.000	39.613	1.0	128	0.00
75	C	Fluoranthene	40.000	38.576	3.6	125	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	131	0.00
77		Benzidine	40.000	35.937	10.2	103	0.00
78		Pyrene	40.000	35.817	10.5	128	0.00
79	S	Terphenyl-d14	80.000	70.798	11.5	127	0.00
80		Butylbenzylphthalate	40.000	39.406	1.5	138	0.00
81		Benzo(a)anthracene	40.000	34.980	12.6	124	0.00
82		3,3'-Dichlorobenzidine	40.000	36.313	9.2	125	0.00
83		Chrysene	40.000	35.690	10.8	130	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.633	3.4	137	0.00
85	c	Di-n-octyl phthalate	40.000	39.037	2.4	137	0.00
86	I	Perylene-d12	20.000	20.000	0.0	119	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.527	6.2	114	0.00
88		Benzo(b)fluoranthene	40.000	38.817	3.0	129	0.00
89		Benzo(k)fluoranthene	40.000	34.632	13.4	106	0.00
90	C	Benzo(a)pyrene	40.000	37.270	6.8	116	0.00
91		Dibenzo(a,h)anthracene	40.000	37.536	6.2	114	-0.01
92		Benzo(g,h,i)perylene	40.000	38.355	4.1	118	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 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

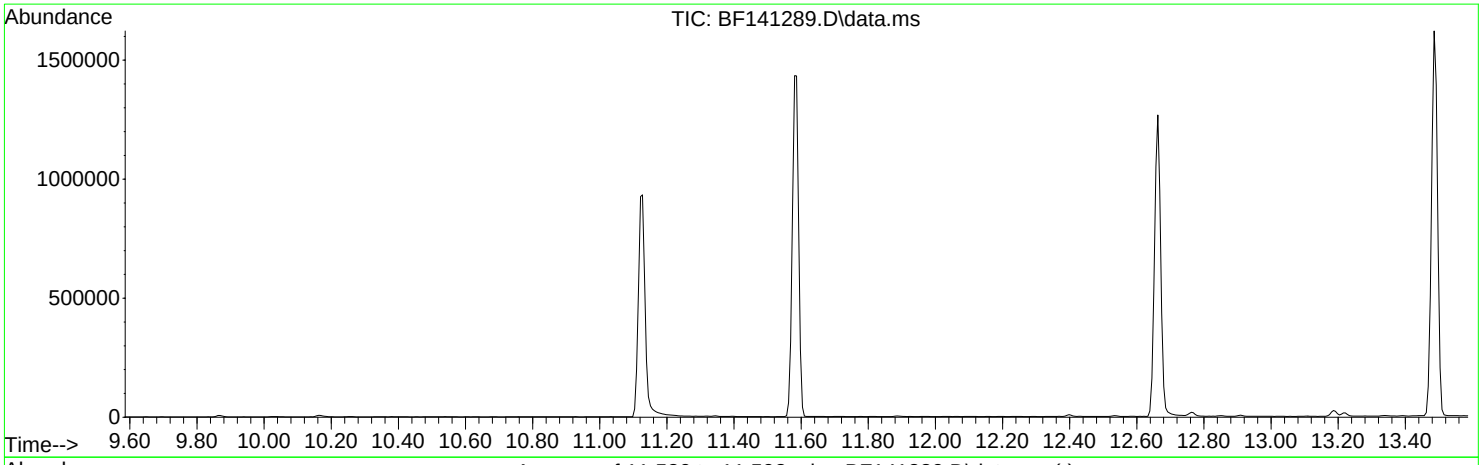
QC SAMPLE DATA

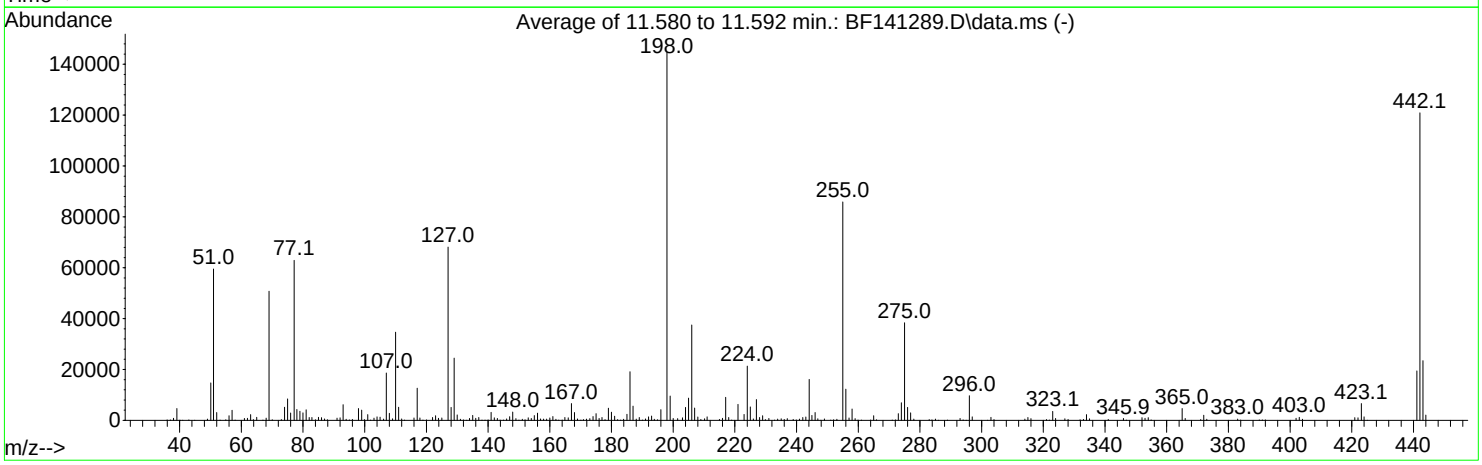
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 29 17:41:25 2025





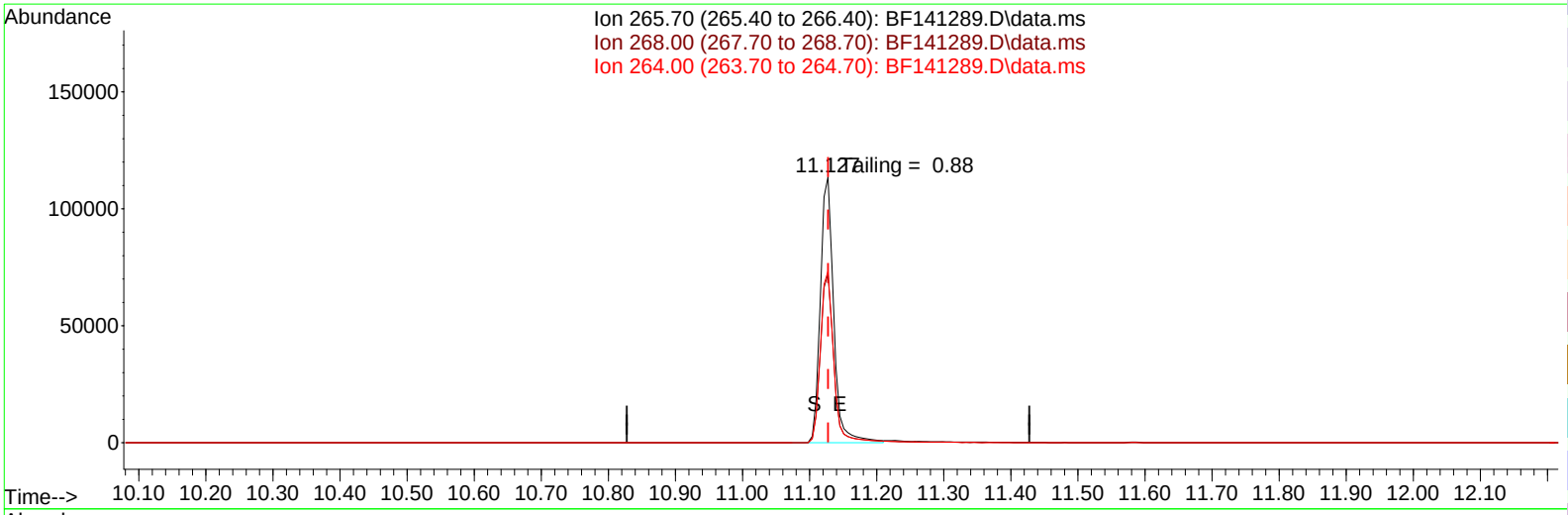
AutoFind: Scans 1613, 1614, 1615; Background Corrected with Scan 1606

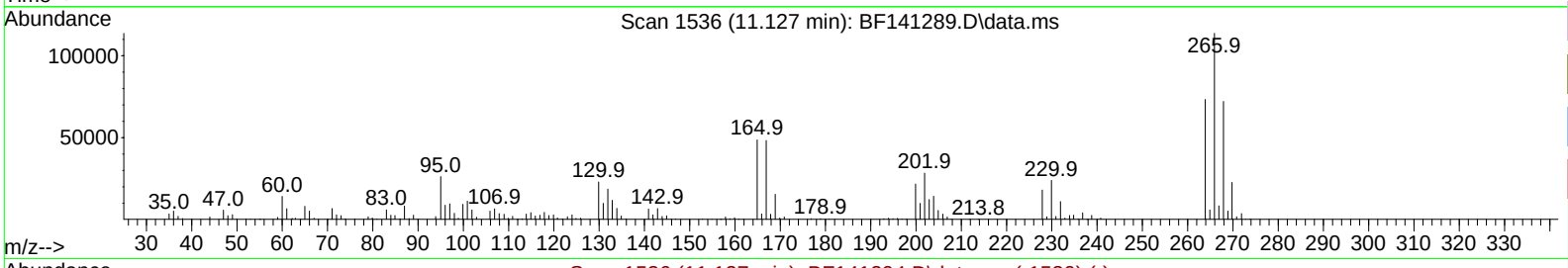
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	41.1	59504	PASS
68	69	0.00	2	1.7	874	PASS
69	198	0.00	100	35.1	50789	PASS
70	69	0.00	2	0.6	281	PASS
127	198	10	80	47.1	68133	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	144613	PASS
199	198	5	9	6.6	9584	PASS
275	198	10	60	26.5	38371	PASS
365	198	1	100	3.2	4642	PASS
441	198	0.01	100	13.5	19467	PASS
442	442	50	100	100.0	120923	PASS
443	442	15	24	19.4	23456	PASS

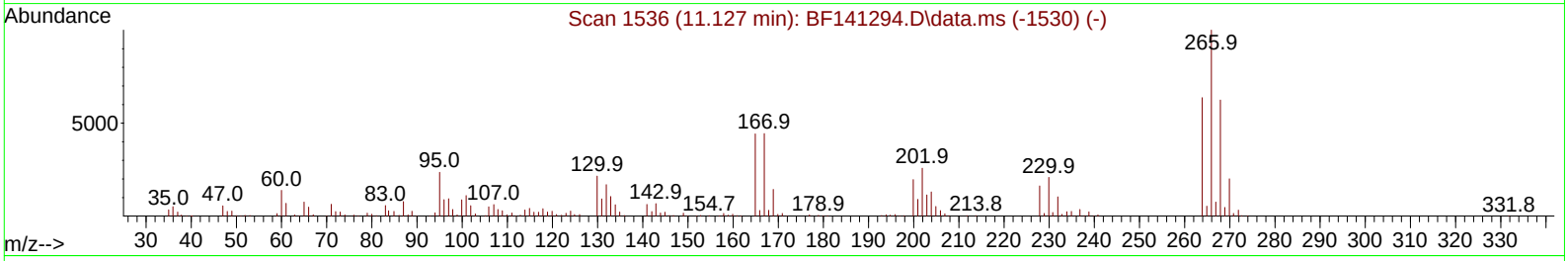
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 29 13:18:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 13:12:40 2025
Response via : Initial Calibration







TIC: BF141289.D\data.ms

(70) Pentachlorophenol (C)

11.127min (-0.000) 18353.04 ng

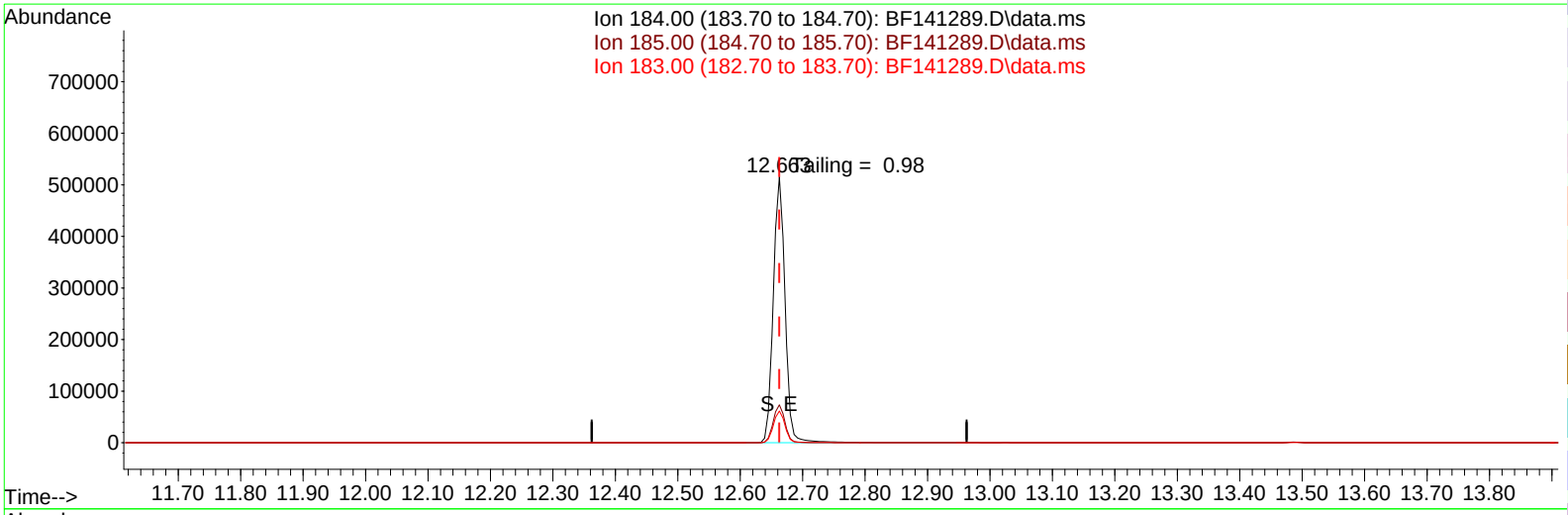
response 157302

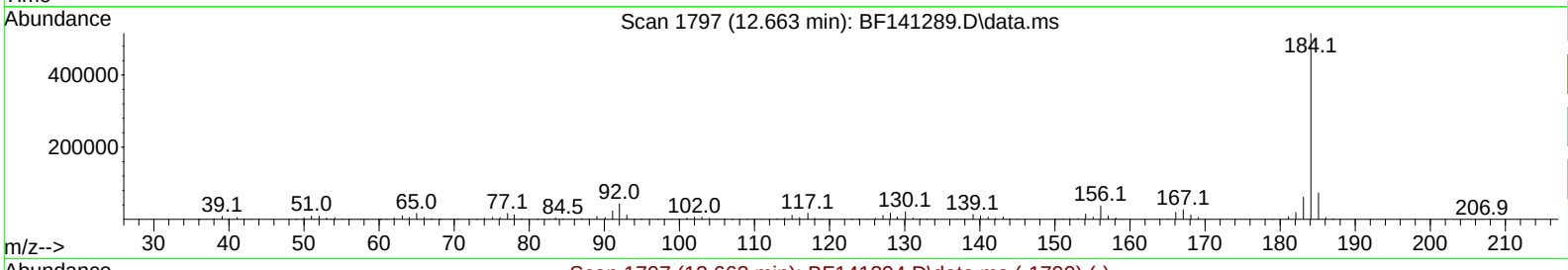
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	68.00	63.47
264.00	63.20	64.50
0.00	0.00	0.00

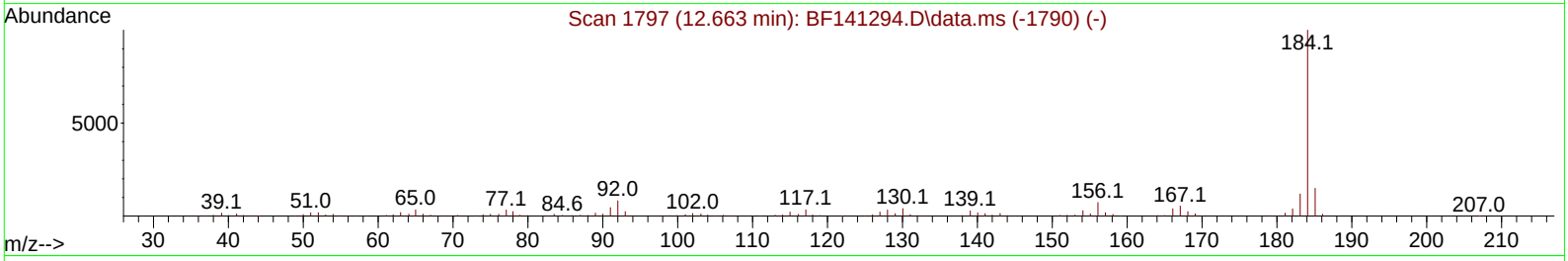
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141289.D
Acq On : 29 Jan 2025 10:03
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 29 13:18:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 13:12:40 2025
Response via : Initial Calibration







TIC: BF141289.D\data.ms

(77) Benzidine

12.663min (-0.000) 86413.53 ng

response 677498

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.10	14.27
183.00	11.70	11.93
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
1/29/2025	BNA_F	BF141289.D
Compound Name	**Response**	**Retention Time**
DDT	407437	13.486
DDD	11239	13.186
DDE	931	12.851
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
12170	419607	2.90

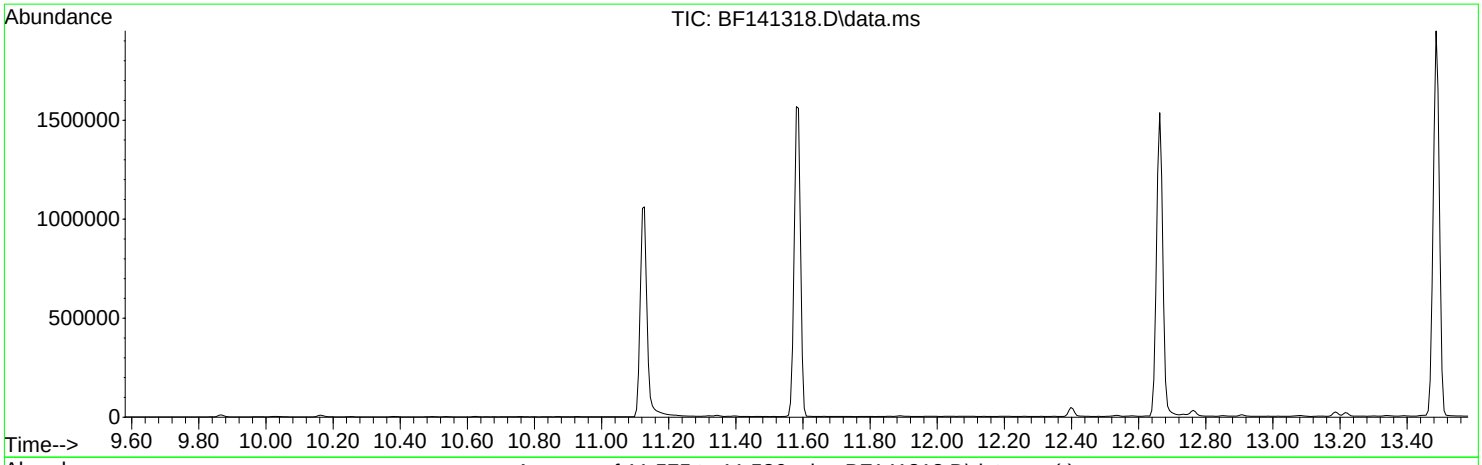
Instrument :
BNA_F
ClientSampleId :
DFTPP

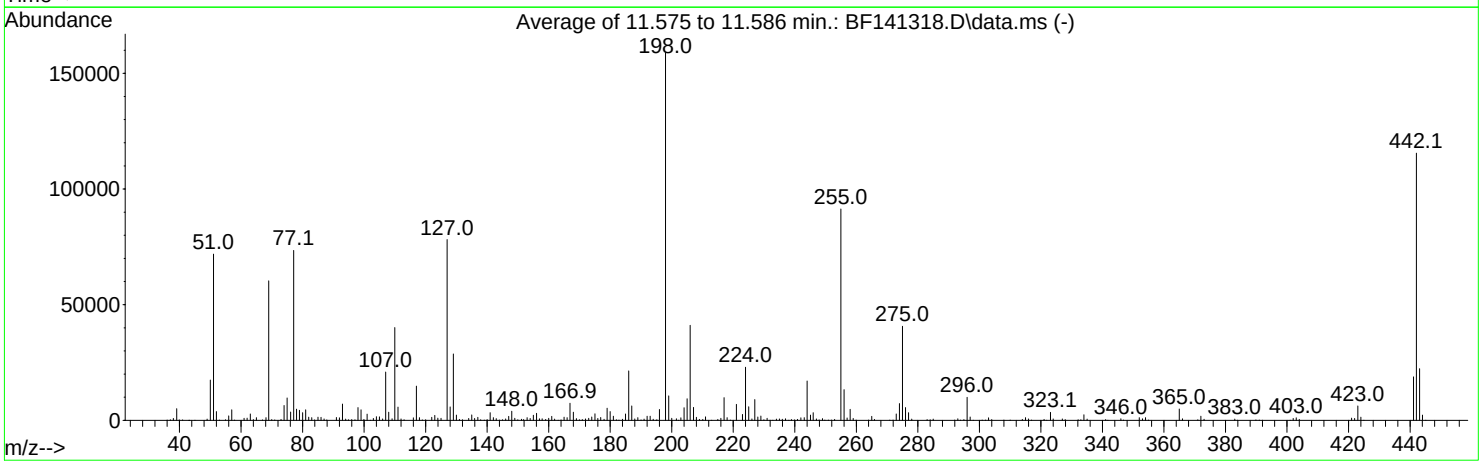
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141318.D
Acq On : 31 Jan 2025 08:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jan 29 17:41:25 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	45.2	71840	PASS
68	69	0.00	2	1.9	1161	PASS
69	198	0.00	100	37.9	60326	PASS
70	69	0.00	2	0.6	349	PASS
127	198	10	80	49.2	78163	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	159005	PASS
199	198	5	9	6.7	10584	PASS
275	198	10	60	25.6	40664	PASS
365	198	1	100	3.1	4901	PASS
441	198	0.01	100	11.8	18814	PASS
442	442	50	100	100.0	115523	PASS
443	442	15	24	19.4	22359	PASS

DDT Breakdown

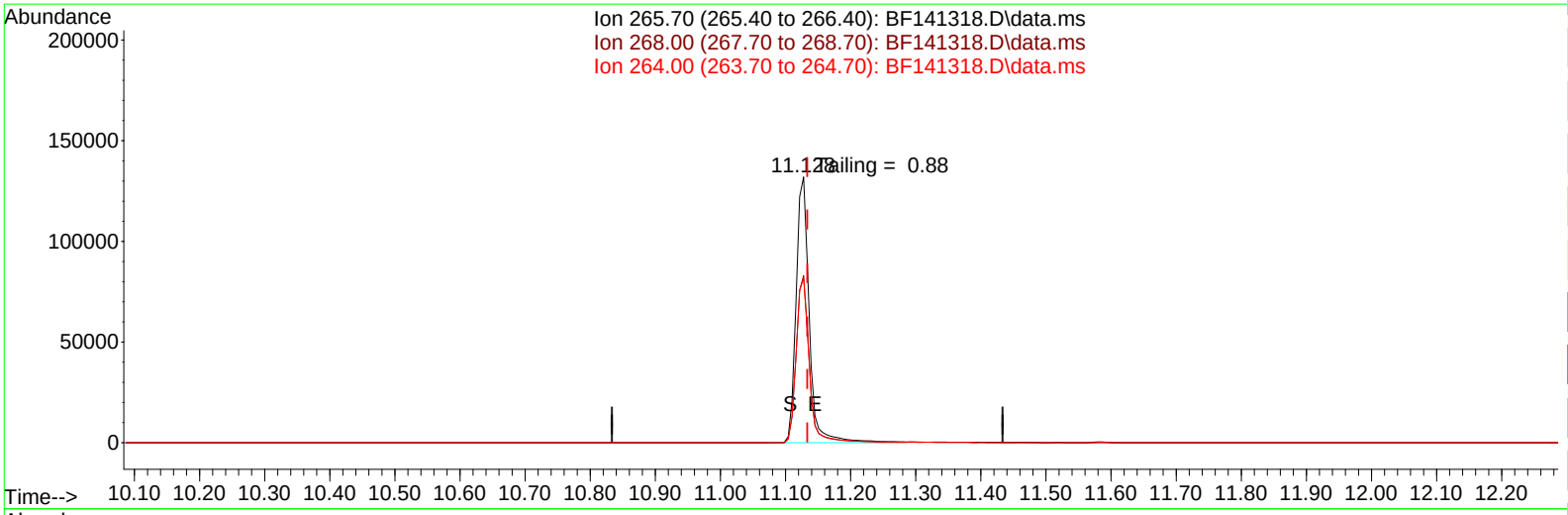
Date	Instrument Name	DFTPP Data File
1/31/2025	BNA_F	BF141318.D
Compound Name	**Response**	**Retention Time**
DDT	492165	13.486
DDD	11226	13.186
DDE	822	12.851
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
12048	504213	2.39

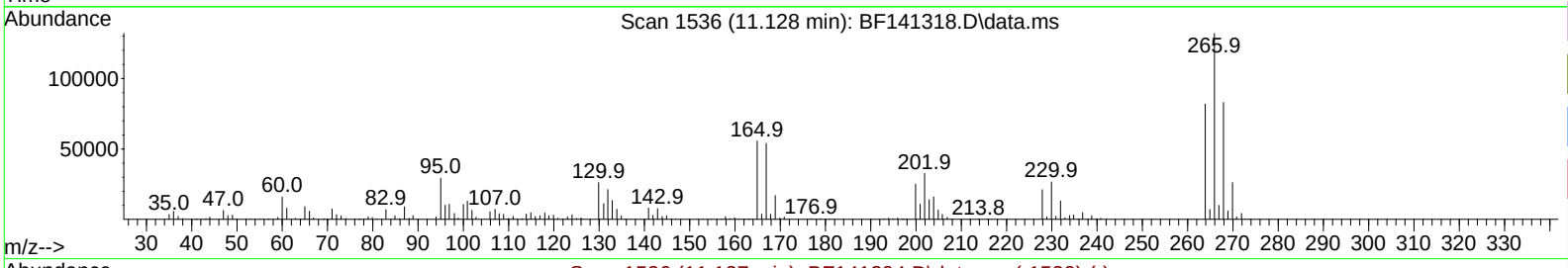
Instrument :
BNA_F
ClientSampleId :
DFTPP

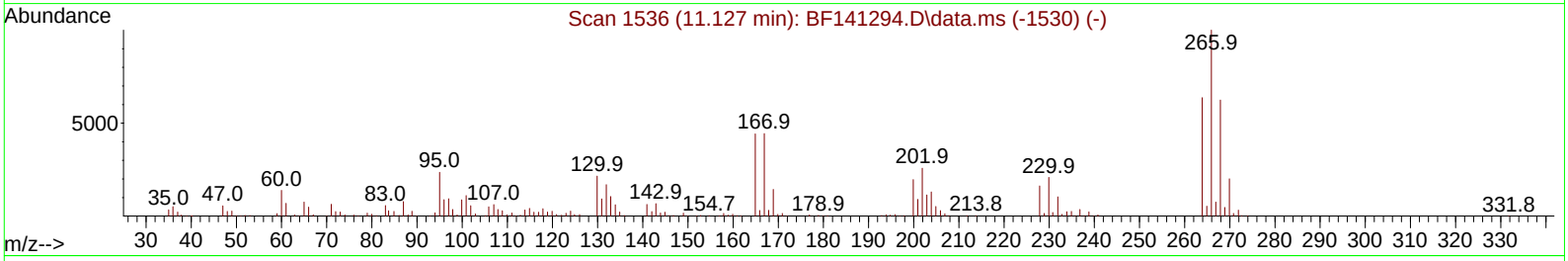
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141318.D
Acq On : 31 Jan 2025 08:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 31 10:52:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration







TIC: BF141318.D\data.ms

(70) Pentachlorophenol (C)

11.128min (-0.006) 13648.97 ng

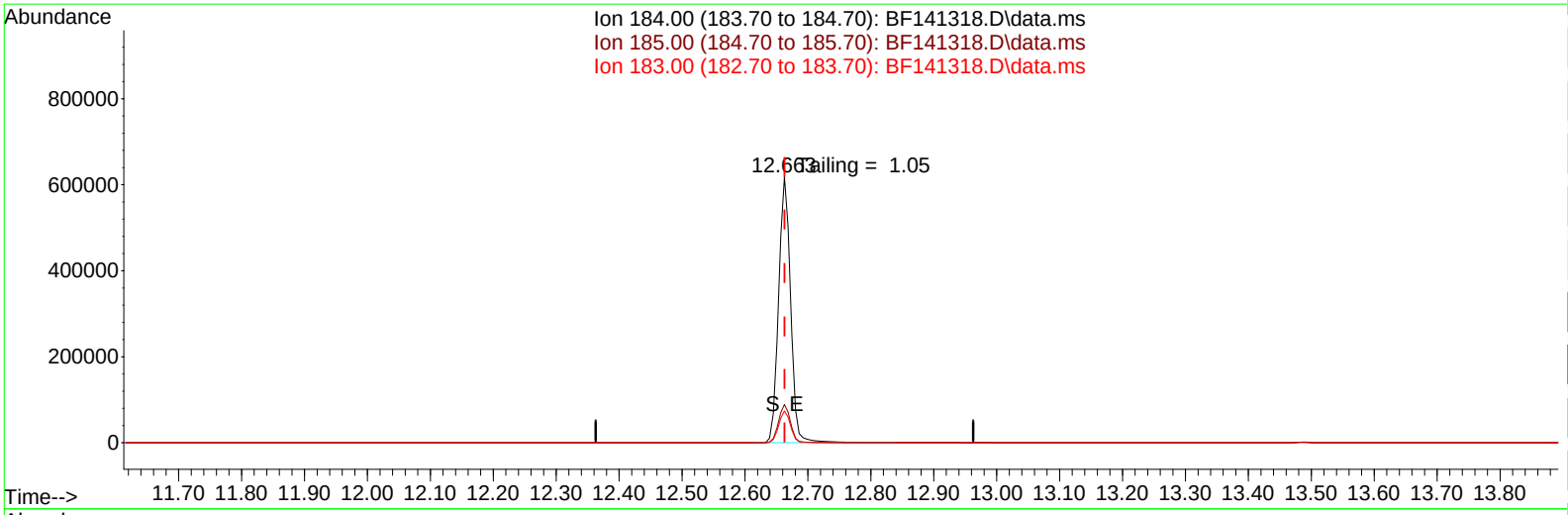
response 185655

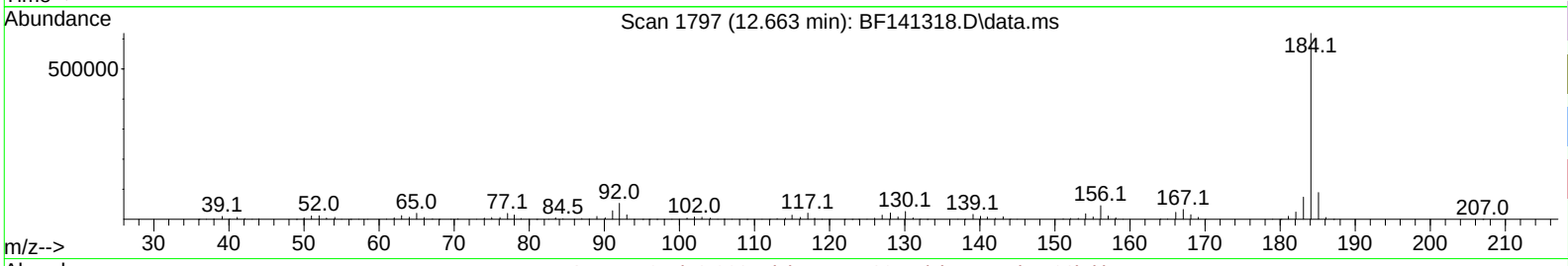
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.40	62.83
264.00	63.70	62.03
0.00	0.00	0.00

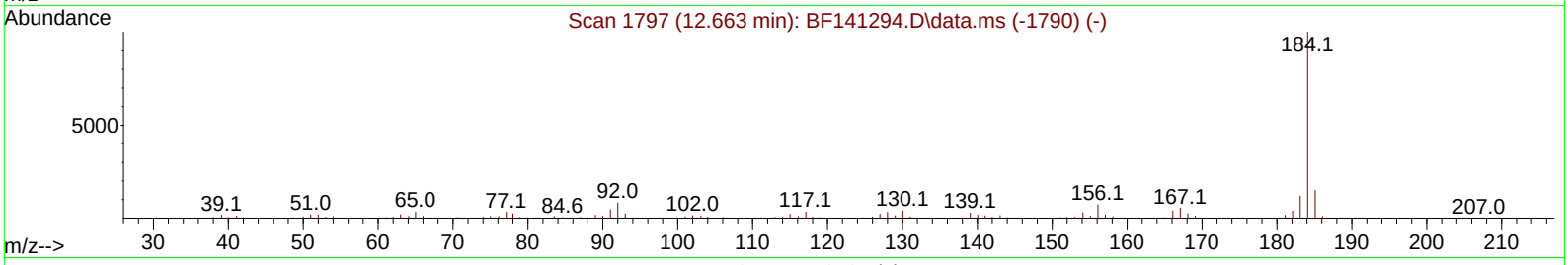
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141318.D
Acq On : 31 Jan 2025 08:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 31 10:52:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration







TIC: BF141318.D\data.ms

(77) Benzidine

12.663min (-0.000) 17733.10 ng

response 824318

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.90	14.38
183.00	11.90	11.94
0.00	0.00	0.00

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BL	SDG No.:	Q1211
Lab Sample ID:	PB166363BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141325.D	1	01/30/25 08:15	01/31/25 12:01	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.00	U	4.00	8.00	10.0	ug/L
108-95-2	Phenol	4.00	U	0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.00	U	1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	4.00	U	0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	4.00	U	1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.00	U	1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	4.00	U	1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	8.00	U	1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.50	U	1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	4.00	U	1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	4.00	U	1.30	4.00	5.00	ug/L
78-59-1	Isophorone	4.00	U	1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	4.00	U	2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	4.00	U	1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.00	U	1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	4.00	U	0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	4.00	U	1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	4.00	U	1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	4.00	U	1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	8.00	U	1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	4.00	U	0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	4.00	U	1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	8.00	U	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	4.00	U	0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	4.00	U	1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	4.00	U	0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	4.00	U	0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	4.00	U	0.93	4.00	5.00	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BL	SDG No.:	Q1211
Lab Sample ID:	PB166363BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141325.D	1	01/30/25 08:15	01/31/25 12:01	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.00	U	1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	4.00	U	1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	4.00	U	1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	4.00	U	0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	8.00	U	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	8.00	U	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	4.00	U	0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	4.00	U	1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	4.00	U	1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.00	U	0.98	4.00	5.00	ug/L
86-73-7	Fluorene	4.00	U	0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	4.00	U	2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.00	U	3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	4.00	U	0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	4.00	U	0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	4.00	U	1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	8.00	U	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	4.00	U	0.89	4.00	5.00	ug/L
120-12-7	Anthracene	4.00	U	1.10	4.00	5.00	ug/L
86-74-8	Carbazole	4.00	U	1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	4.00	U	1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	4.00	U	1.30	4.00	5.00	ug/L
129-00-0	Pyrene	4.00	U	1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	4.00	U	2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	8.00	U	1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	4.00	U	0.94	4.00	5.00	ug/L
218-01-9	Chrysene	4.00	U	0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.00	U	1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	8.00	U	2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	4.00	U	1.10	4.00	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BL	SDG No.:	Q1211
Lab Sample ID:	PB166363BL	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141325.D	1	01/30/25 08:15	01/31/25 12:01	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.00	U	1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	4.00	U	1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.00	U	1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.00	U	1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	4.00	U	1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.00	U	1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	4.00	U	1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.00	U	0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119		19 - 119		79%	SPK: 150
13127-88-3	Phenol-d6	116		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.7		44 - 120		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.3		44 - 119		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	115		43 - 140		76%	SPK: 150
1718-51-0	Terphenyl-d14	78.3		50 - 134		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154000	6.798				
1146-65-2	Naphthalene-d8	620000	8.081				
15067-26-2	Acenaphthene-d10	340000	9.833				
1517-22-2	Phenanthrene-d10	568000	11.321				
1719-03-5	Chrysene-d12	375000	13.962				
1520-96-3	Perylene-d12	300000	15.433				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	3.00	J			2.20	ug/L
000629-94-7	Heneicosane	2.00	J			13.6	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions			Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169			Date Received:	
Client Sample ID:	PB166363BL			SDG No.:	Q1211
Lab Sample ID:	PB166363BL			Matrix:	Water
Analytical Method:	SW8270			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF141325.D	1	01/30/25 08:15	01/31/25 12:01	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	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\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Time: Jan 31 12:23:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

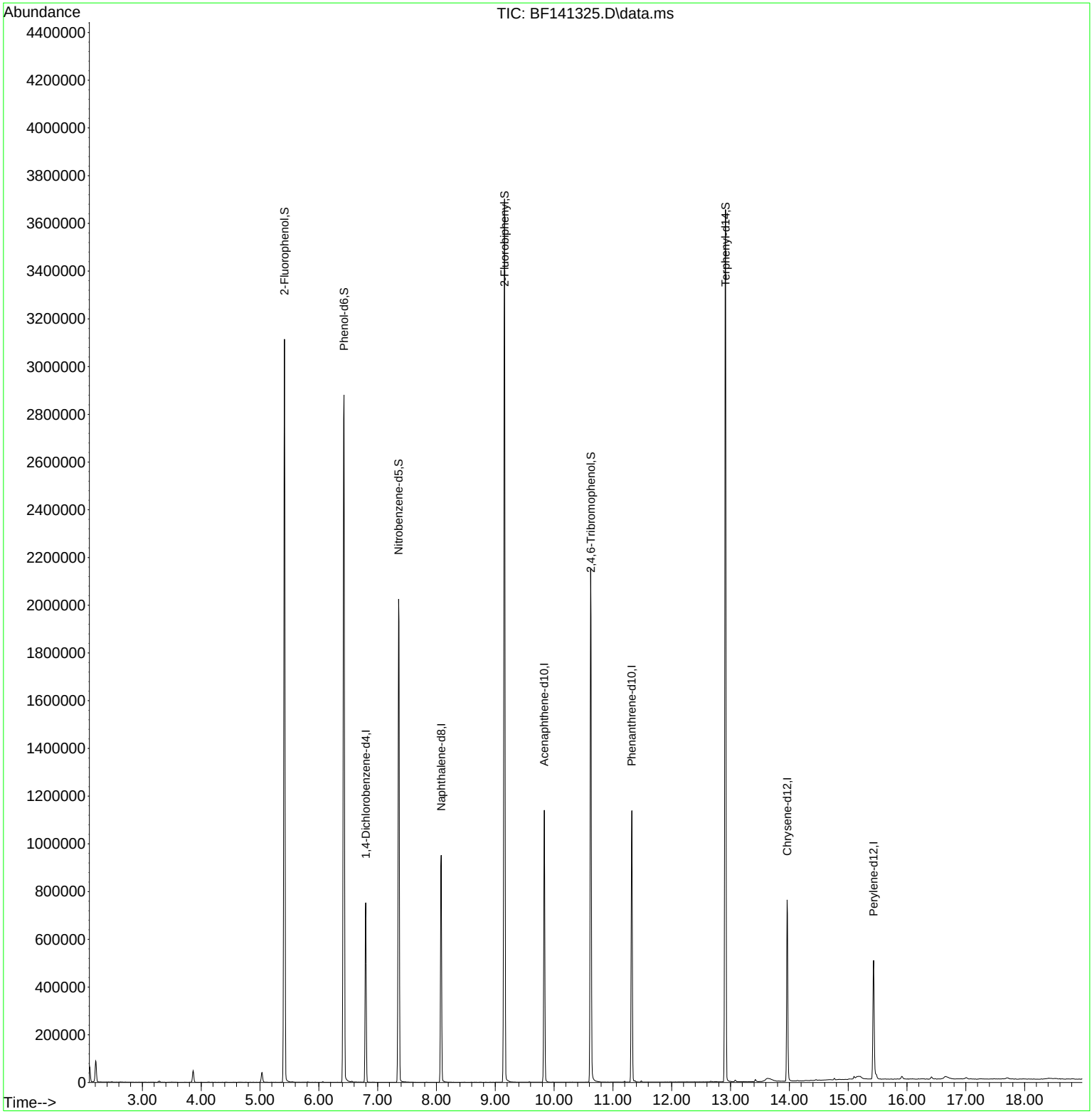
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	154270	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	620172	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	339948	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	568179	20.000	ng	0.00
76) Chrysene-d12	13.962	240	374764	20.000	ng	-0.01
86) Perylene-d12	15.433	264	299638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1196408	119.059	ng	0.00
7) Phenol-d6	6.428	99	1486665	116.296	ng	-0.01
23) Nitrobenzene-d5	7.357	82	961427	81.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	356867	114.507	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1707650	77.318	ng	0.00
79) Terphenyl-d14	12.916	244	1901849	78.263	ng	0.00
Target Compounds						Qvalue

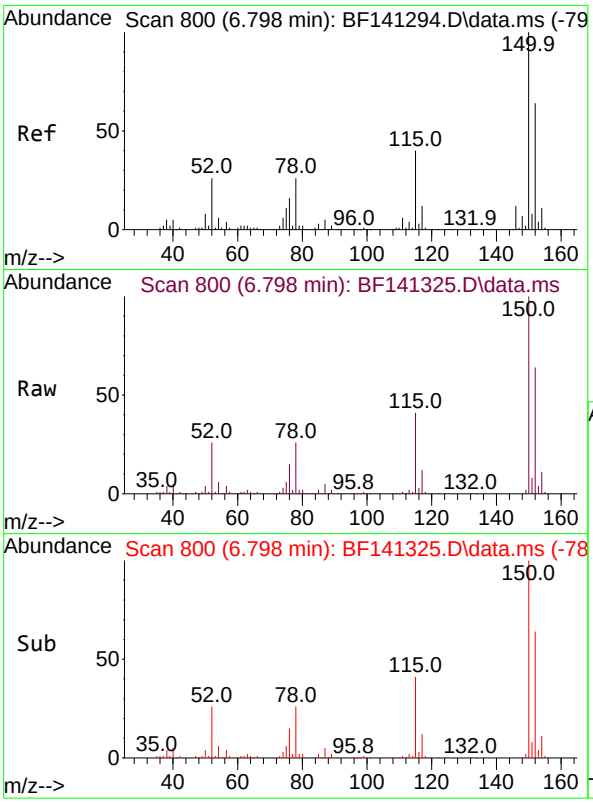
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Time: Jan 31 12:23:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



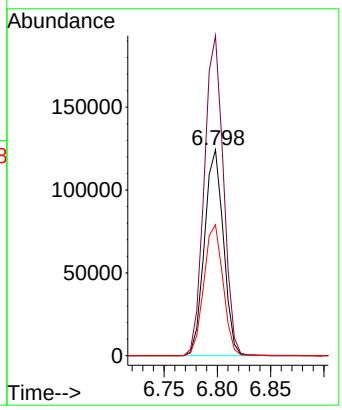


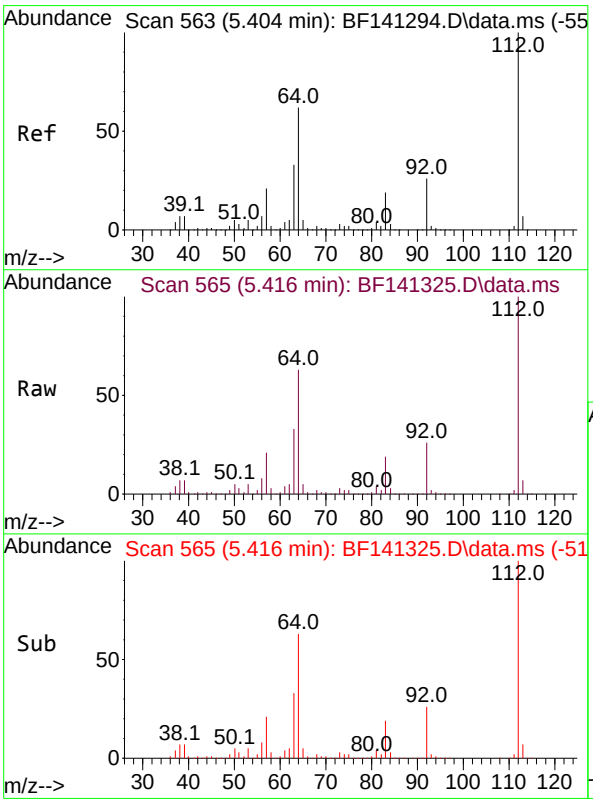
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion:152 Resp: 154270

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.9	188.9
115	63.6	49.7	74.5

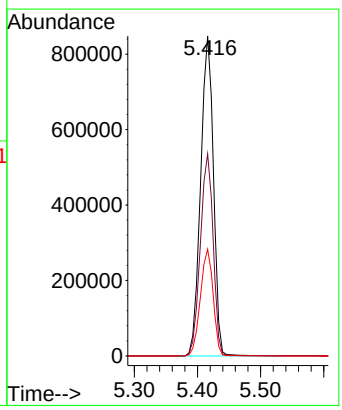


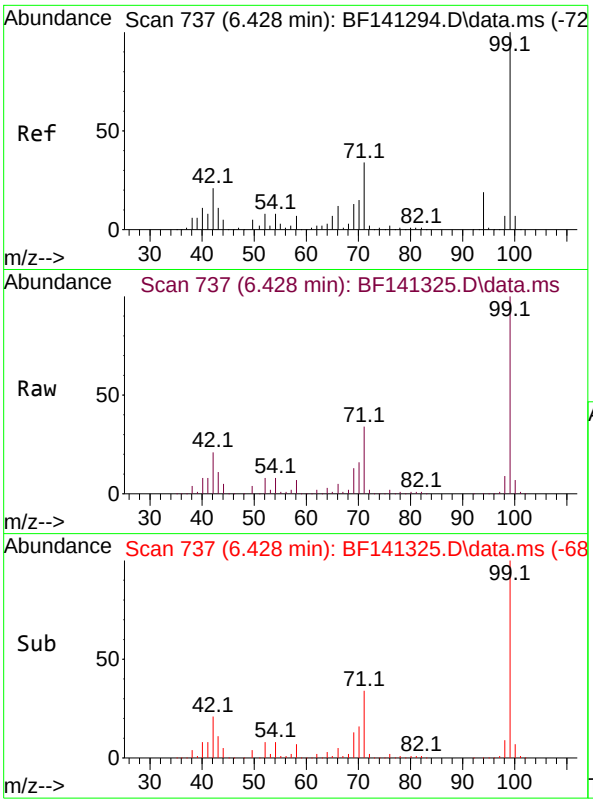


#5
2-Fluorophenol
Concen: 119.059 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:112 Resp: 1196408

Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.8	74.8
63	33.4	26.1	39.1



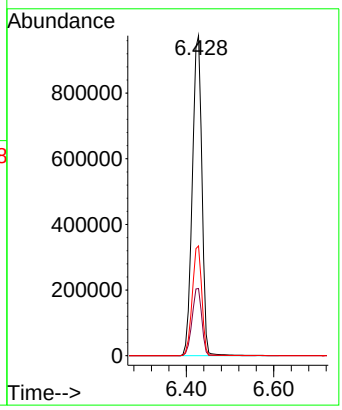


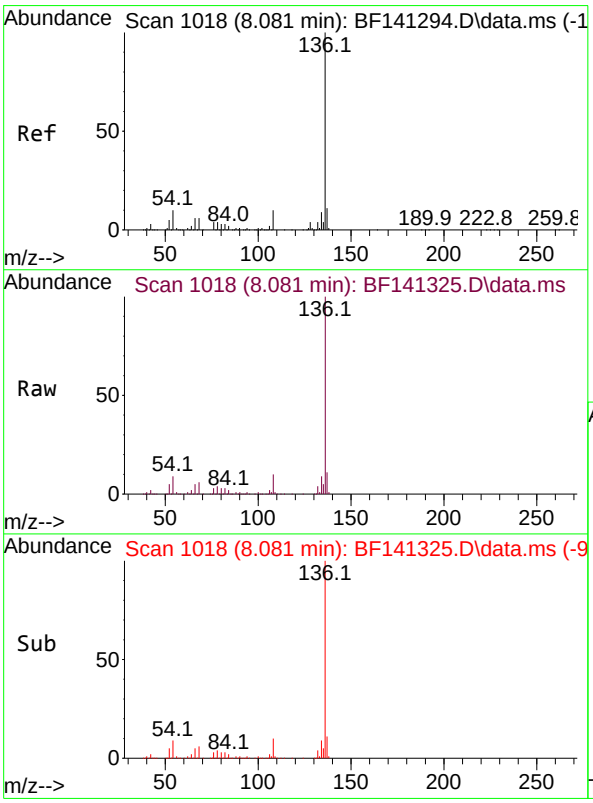
#7
Phenol-d6
Concen: 116.296 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion: 99 Resp: 1486665

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	34.3	26.9	40.3

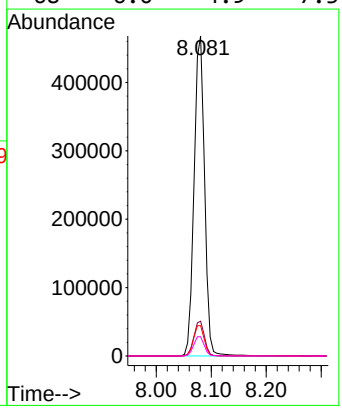


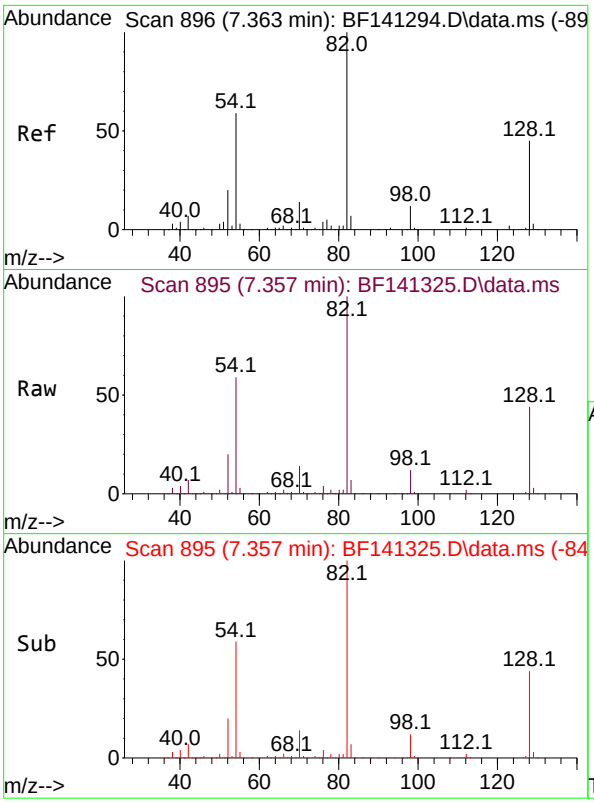


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:136 Resp: 620172

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	7.8	11.8
68	6.0	4.9	7.3



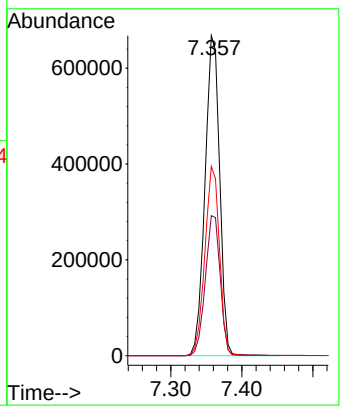


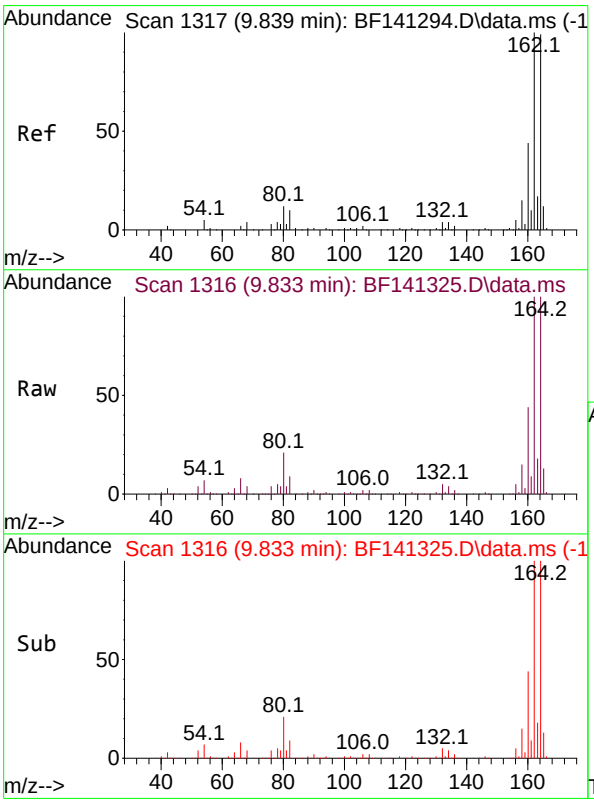
#23
Nitrobenzene-d5
Concen: 81.724 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion: 82 Resp: 961427

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.7	53.5
54	59.1	47.1	70.7

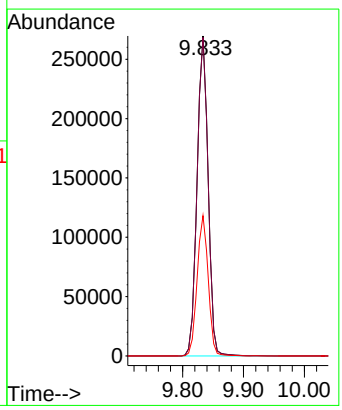


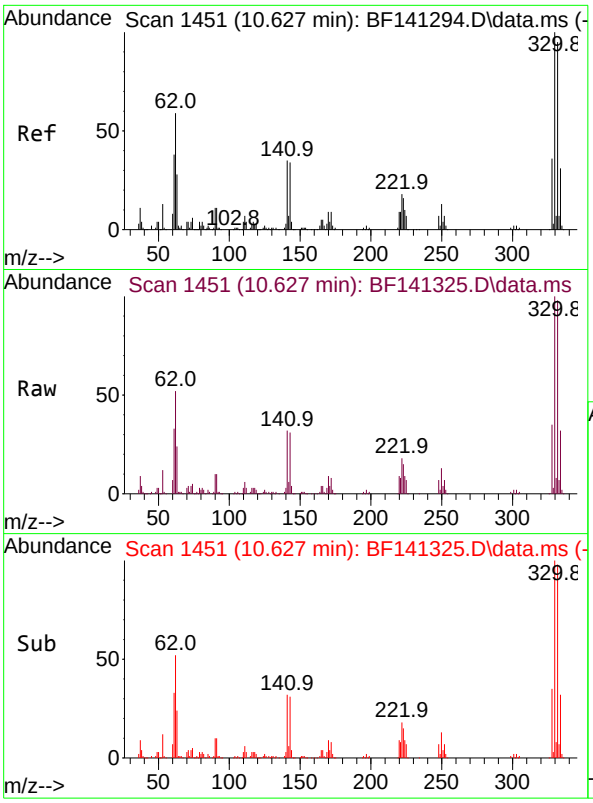


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:164 Resp: 339948

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	121.0
160	43.9	35.8	53.6



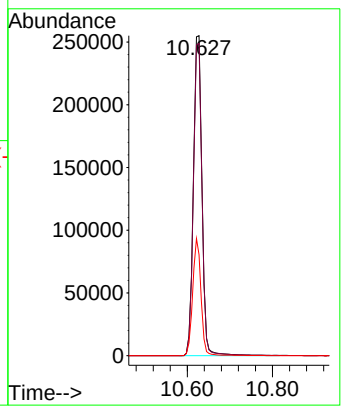


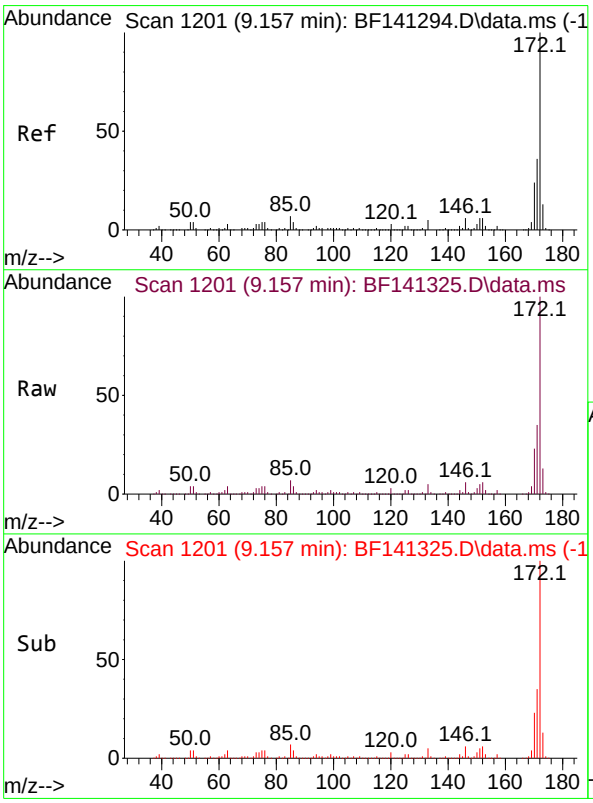
#42
2,4,6-Tribromophenol
Concen: 114.507 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion:330 Resp: 356867

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	35.4	28.8	43.2

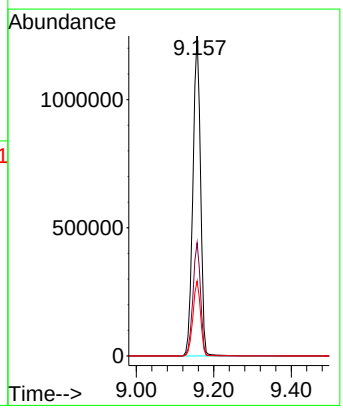


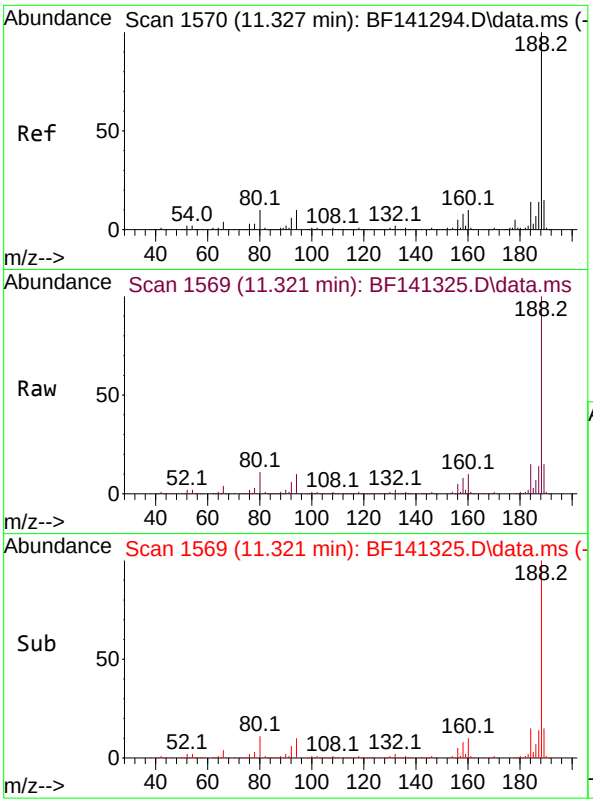


#45
2-Fluorobiphenyl
Concen: 77.318 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:172 Resp: 1707650

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.5	19.0	28.6



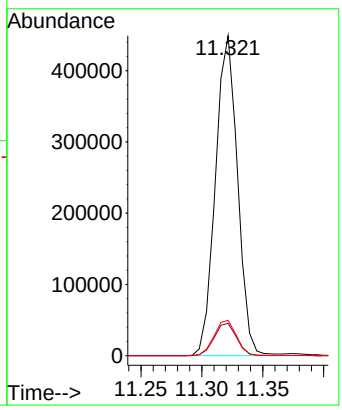


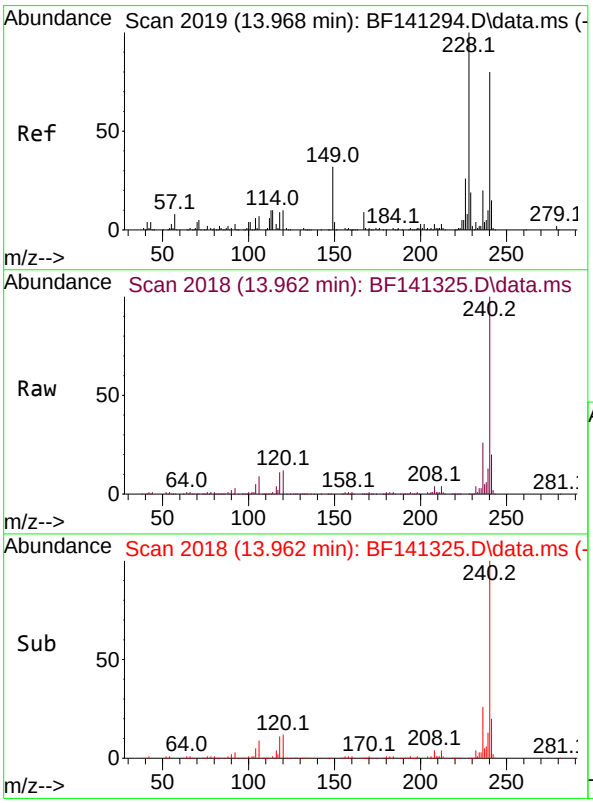
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion:188 Resp: 568179

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	11.0	8.2	12.4

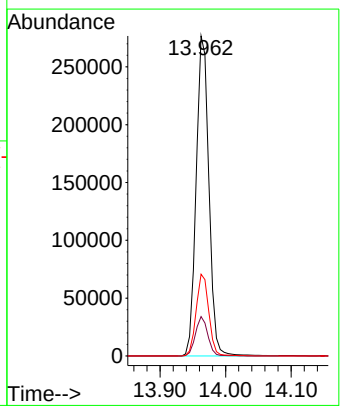


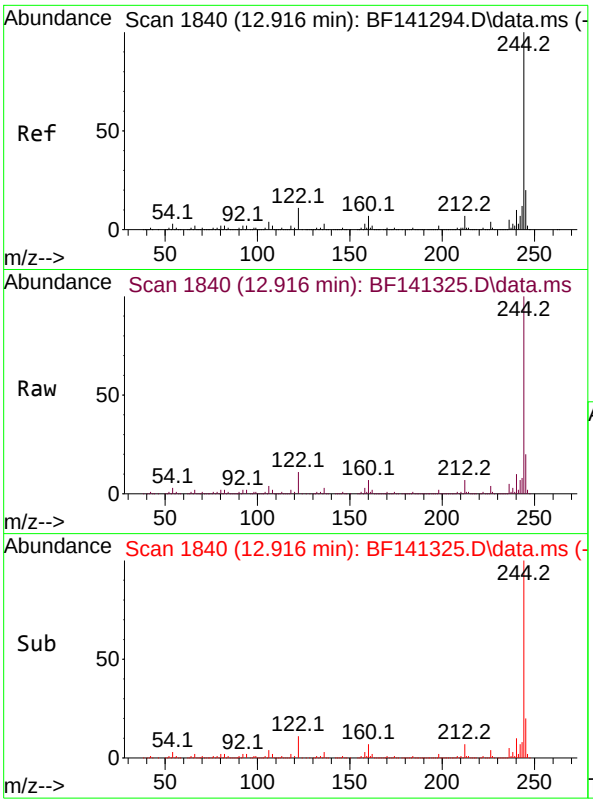


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:240 Resp: 374764

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.0	15.0
236	25.5	19.7	29.5



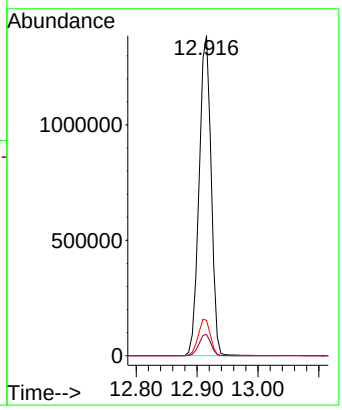


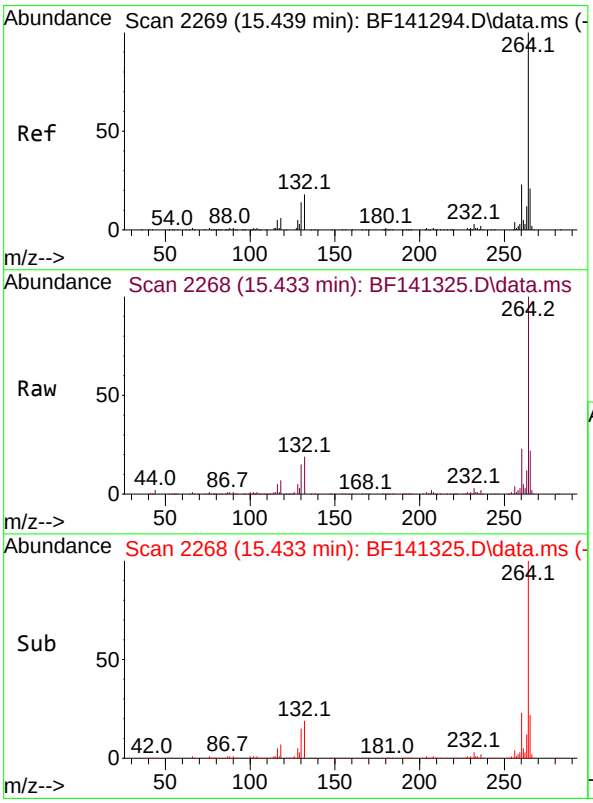
#79
Terphenyl-d14
Concen: 78.263 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Tgt Ion:244 Resp: 1901849

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.0	8.8	13.2

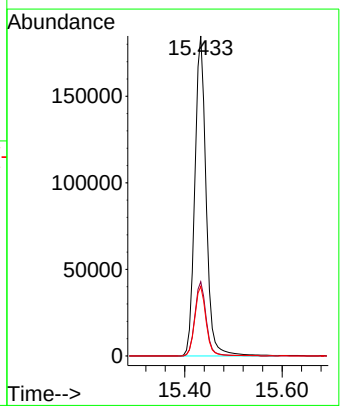




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141325.D
Acq: 31 Jan 2025 12:01

Tgt Ion:264 Resp: 299638

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	16.7	25.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.204	13	19	31	rVB	88416	143260	2.84%	0.449%
2	3.863	295	301	310	rVB	48504	78826	1.56%	0.247%
3	5.034	490	500	508	rBV	41012	70124	1.39%	0.220%
4	5.416	558	565	570	rBV	3113551	4362790	86.57%	13.670%
5	6.428	730	737	742	rBV	2880467	4357222	86.46%	13.653%
6	6.798	794	800	805	rBV	752294	943512	18.72%	2.956%
7	7.357	889	895	901	rBV	2025215	2902774	57.60%	9.095%
8	8.081	1012	1018	1043	rBV	951146	1262901	25.06%	3.957%
9	9.157	1194	1201	1206	rBV	3701870	5011961	99.46%	15.704%
10	9.833	1310	1316	1329	rBV	1139823	1435406	28.48%	4.498%
11	10.622	1444	1450	1479	rBV	2151686	2929384	58.13%	9.179%
12	11.321	1563	1569	1576	rBV	1137203	1438753	28.55%	4.508%
13	12.916	1833	1840	1845	rBV	3654738	5039404	100.00%	15.790%
14	13.633	1945	1962	1990	rBV7	13039	103939	2.06%	0.326%
15	13.962	2013	2018	2033	rBV	759900	1016667	20.17%	3.186%
16	15.433	2261	2268	2285	rBV	497460	818188	16.24%	2.564%

Sum of corrected areas: 31915111

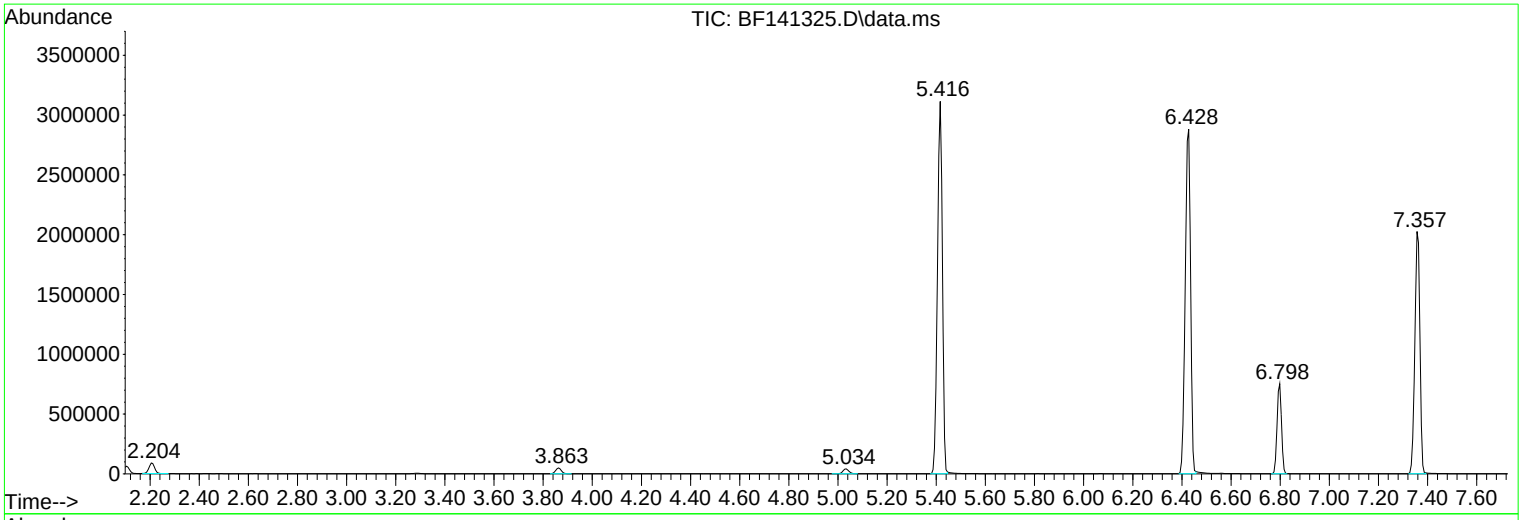
Sample Results: **BF141325.D**

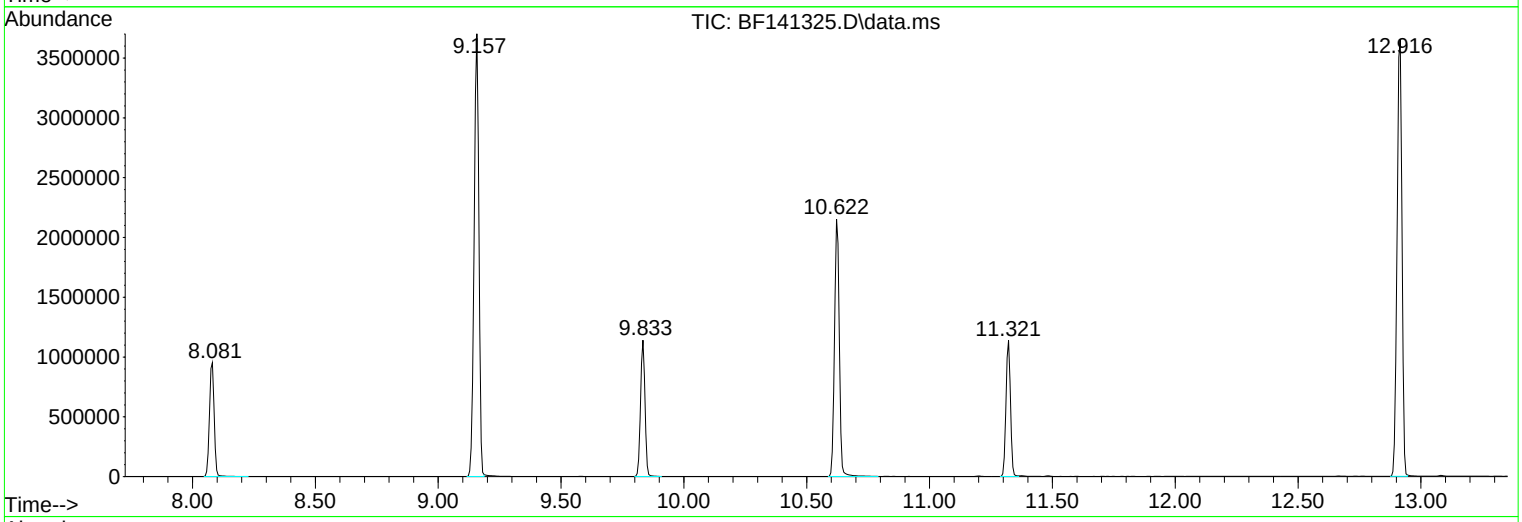
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

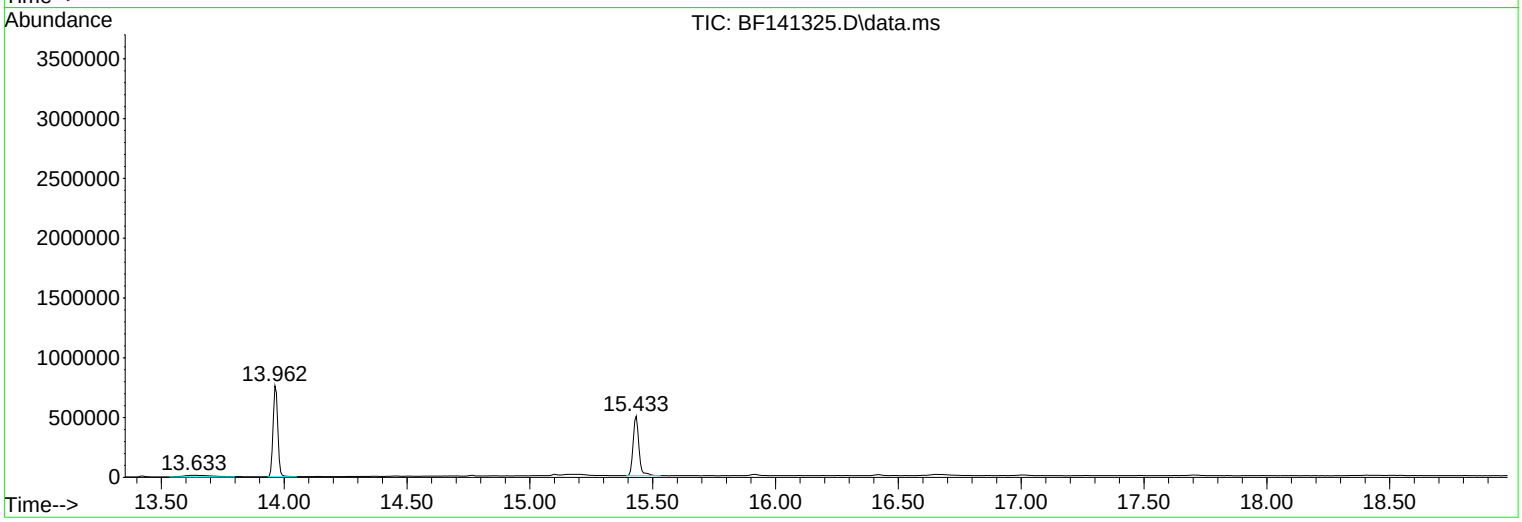
Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

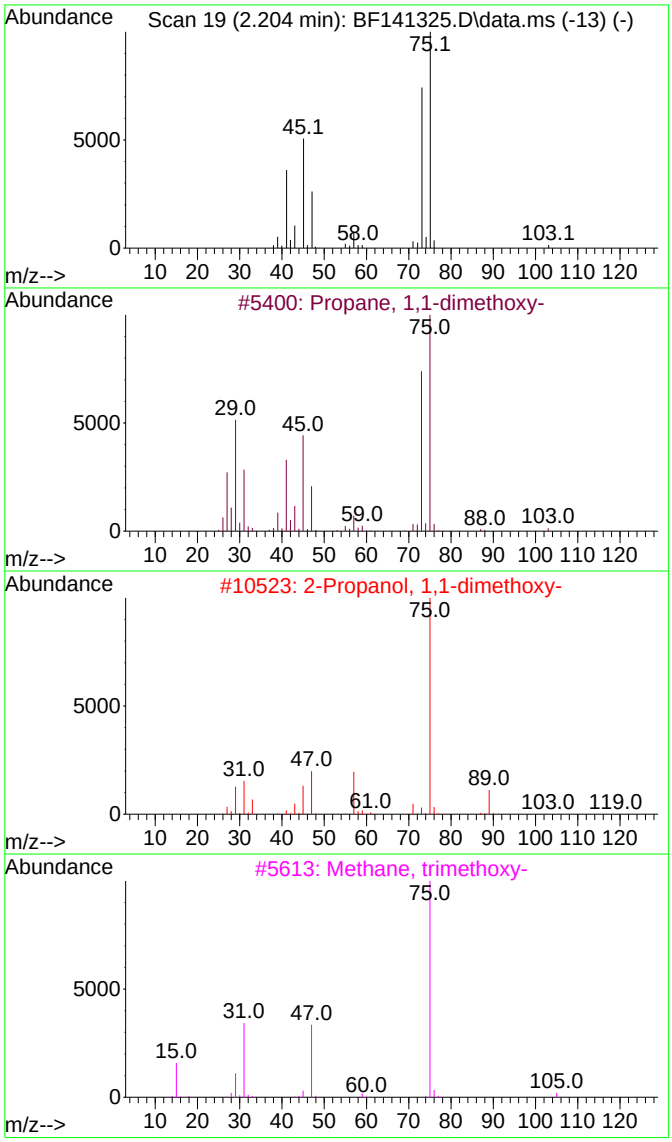
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

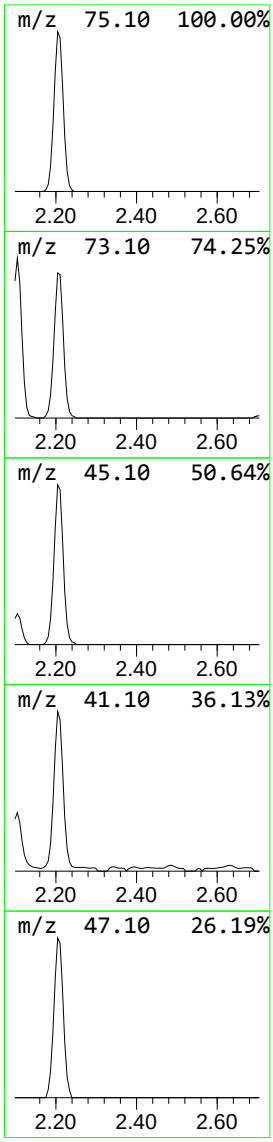
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.204	3.04 ng	143260	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
3	Methane, trimethoxy-	106	C4H10O3	000149-73-5	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	22
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

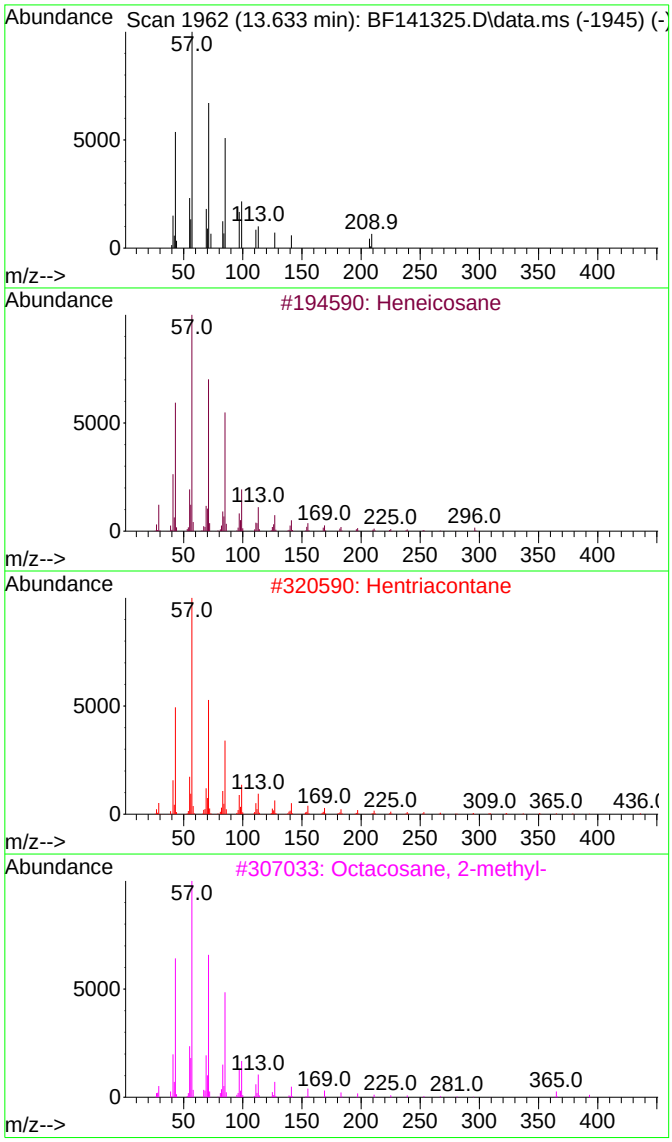
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

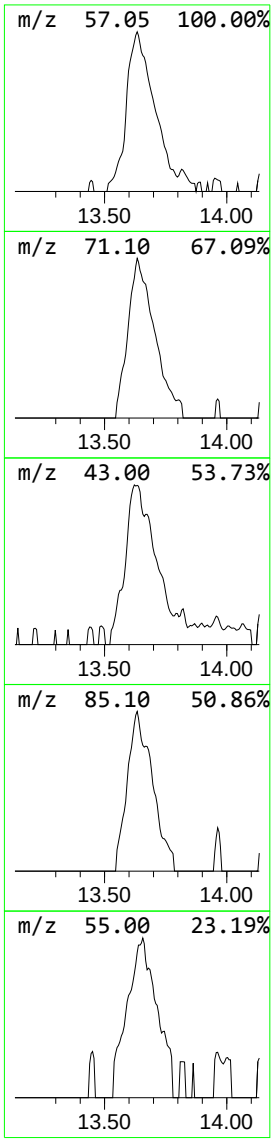
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Peak Number 2 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.633	2.04 ng	103939	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Hentriacontane	437	C31H64	000630-04-6	80
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Octacosane	394	C28H58	000630-02-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141325.D
Acq On : 31 Jan 2025 12:01
Operator : RC/JU
Sample : PB166363BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-di...	2.204	3.0	ng	143260	1	6.798	943512	20.0
Heneicosane	13.633	2.0	ng	103939	5	13.963	1016670	20.0

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BS	SDG No.:	Q1211
Lab Sample ID:	PB166363BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141326.D	1	01/30/25 08:15	01/31/25 12:28	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	49.1		4.00	8.00	10.0	ug/L
108-95-2	Phenol	37.8		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.9		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	39.6		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	39.7		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.8		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	40.9		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	37.7		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.3		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	36.7		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	35.8		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	39.5		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	38.2		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.5		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	37.8		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	37.9		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	36.0		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	14.4		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	35.2		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	43.3		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	39.2		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	35.8		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	39.2		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	37.5		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	40.8		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	35.9		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	39.0		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	38.4		0.93	4.00	5.00	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BS	SDG No.:	Q1211
Lab Sample ID:	PB166363BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141326.D	1	01/30/25 08:15	01/31/25 12:28	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.1		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	37.4		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	20.5		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	42.0		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	93.6	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	87.9	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	37.7		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	39.8		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	38.3		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36.2		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	37.1		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	39.3		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.9		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	39.8		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.5		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	38.9		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	45.8		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	84.2	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	40.2		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	41.9		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	40.9		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.7		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	41.3		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	36.7		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.2		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	18.6		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	36.9		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	40.0		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	42.1		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	40.3		1.10	4.00	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BS	SDG No.:	Q1211
Lab Sample ID:	PB166363BS	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141326.D	1	01/30/25 08:15	01/31/25 12:28	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	44.1		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.7		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.2		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.8		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	38.5		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.0		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	35.9		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	41.3		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117		19 - 119		78%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.2		44 - 120		81%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.1		44 - 119		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	125		43 - 140		84%	SPK: 150
1718-51-0	Terphenyl-d14	82.3		50 - 134		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157000	6.798				
1146-65-2	Naphthalene-d8	639000	8.081				
15067-26-2	Acenaphthene-d10	342000	9.839				
1517-22-2	Phenanthrene-d10	568000	11.327				
1719-03-5	Chrysene-d12	360000	13.968				
1520-96-3	Perylene-d12	307000	15.427				

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\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	157375	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	639100	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341634	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	567661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	360251	20.000	ng	0.00
86) Perylene-d12	15.427	264	306952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1198128	116.878	ng	0.00
7) Phenol-d6	6.434	99	1524170	116.878	ng	0.00
23) Nitrobenzene-d5	7.363	82	984991	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	392837	125.427	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1711912	77.128	ng	0.00
79) Terphenyl-d14	12.916	244	1923163	82.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	161856	35.901	ng	99
3) Pyridine	3.310	79	393522	36.228	ng	99
4) n-Nitrosodimethylamine	3.257	42	237037	38.199	ng	98
6) Aniline	6.463	93	454604	41.182	ng	97
8) 2-Chlorophenol	6.581	128	434676	39.561	ng	98
9) Benzaldehyde	6.351	77	371187	49.140	ng	99
10) Phenol	6.445	94	522357	37.787	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	402104	37.937	ng	99
12) 1,3-Dichlorobenzene	6.739	146	436015	35.991	ng	99
13) 1,4-Dichlorobenzene	6.816	146	440169	36.167	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424389	37.239	ng	98
15) Benzyl Alcohol	6.939	79	366635	41.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	733035	39.771	ng	99
17) 2-Methylphenol	7.051	107	354888	39.742	ng	99
18) Hexachloroethane	7.310	117	164916	36.732	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	296992	38.327	ng	96
20) 3+4-Methylphenols	7.204	107	413807	37.741	ng	95
22) Acetophenone	7.210	105	621280	40.897	ng	99
24) Nitrobenzene	7.381	77	449375	35.768	ng	100
25) Isophorone	7.622	82	828323	39.526	ng	99
26) 2-Nitrophenol	7.698	139	226262	38.187	ng	99
27) 2,4-Dimethylphenol	7.734	122	365777	48.501	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	505927	37.848	ng	99
29) 2,4-Dichlorophenol	7.939	162	349567	37.862	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	368330	34.933	ng	100
31) Naphthalene	8.104	128	1216274	36.025	ng	100
32) Benzoic acid	7.857	122	302716	43.663	ng	99
33) 4-Chloroaniline	8.151	127	164703	14.386	ng	98
34) Hexachlorobutadiene	8.222	225	217527	35.179	ng	99
35) Caprolactam	8.522	113	130568m	43.302	ng	
36) 4-Chloro-3-methylphenol	8.633	107	388117	39.190	ng	97
37) 2-Methylnaphthalene	8.792	142	768048	35.792	ng	99
38) 1-Methylnaphthalene	8.892	142	759228	36.018	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	388845	40.008	ng	98
41) Hexachlorocyclopentadiene	8.945	237	451802	157.404	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	249335	39.194	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	259595	37.493	ng	98
46) 1,1'-Biphenyl	9.257	154	1087669	40.823	ng	99
47) 2-Chloronaphthalene	9.286	162	745432	35.895	ng	98
48) 2-Nitroaniline	9.380	65	254788	39.006	ng	99
49) Acenaphthylene	9.698	152	1166625	40.131	ng	100
50) Dimethylphthalate	9.563	163	886423	38.417	ng	99
51) 2,6-Dinitrotoluene	9.622	165	200607	37.444	ng	99
52) Acenaphthene	9.875	154	871464	41.962	ng	99
53) 3-Nitroaniline	9.792	138	107700	20.511	ng	100
54) 2,4-Dinitrophenol	9.898	184	233111	93.602	ng	95
55) Dibenzofuran	10.045	168	1049171	37.742	ng	99
56) 4-Nitrophenol	9.957	139	337626	87.919	ng	99
57) 2,4-Dinitrotoluene	10.027	165	275815	39.763	ng	98
58) Fluorene	10.386	166	799362	37.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224854	41.280	ng	99
60) Diethylphthalate	10.263	149	857103	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	381746	36.243	ng	99
62) 4-Nitroaniline	10.410	138	203068	39.336	ng	99
63) Azobenzene	10.539	77	875236	39.082	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	154237	45.935	ng	97
66) n-Nitrosodiphenylamine	10.498	169	730726	39.799	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251332	39.548	ng	98
68) Hexachlorobenzene	10.933	284	262205	38.896	ng	99
69) Atrazine	11.027	200	281085	45.789	ng	99
70) Pentachlorophenol	11.127	266	332283	84.175	ng	99
71) Phenanthrene	11.351	178	1227588	40.230	ng	100
72) Anthracene	11.404	178	1253177	41.915	ng	100
73) Carbazole	11.557	167	1085415	40.941	ng	99
74) Di-n-butylphthalate	11.892	149	1338697	41.666	ng	100
75) Fluoranthene	12.539	202	1243504	41.272	ng	99
77) Benzidine	12.663	184	666846	57.740	ng	100
78) Pyrene	12.768	202	1267965	36.667	ng	100
80) Butylbenzylphthalate	13.392	149	522487	43.249	ng	100
81) Benzo(a)anthracene	13.957	228	916653	36.874	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147134	18.609	ng	99
83) Chrysene	13.998	228	912171	40.038	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	631697	41.219	ng	99
85) Di-n-octyl phthalate	14.574	149	1001969	42.094	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	815928	41.185	ng	99
88) Benzo(b)fluoranthene	15.010	252	777569	40.272	ng	100
89) Benzo(k)fluoranthene	15.039	252	754365	44.103	ng	100
90) Benzo(a)pyrene	15.368	252	713591	43.735	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	650927	40.839	ng	100
92) Benzo(g,h,i)perylene	17.315	276	637520	38.467	ng	99

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

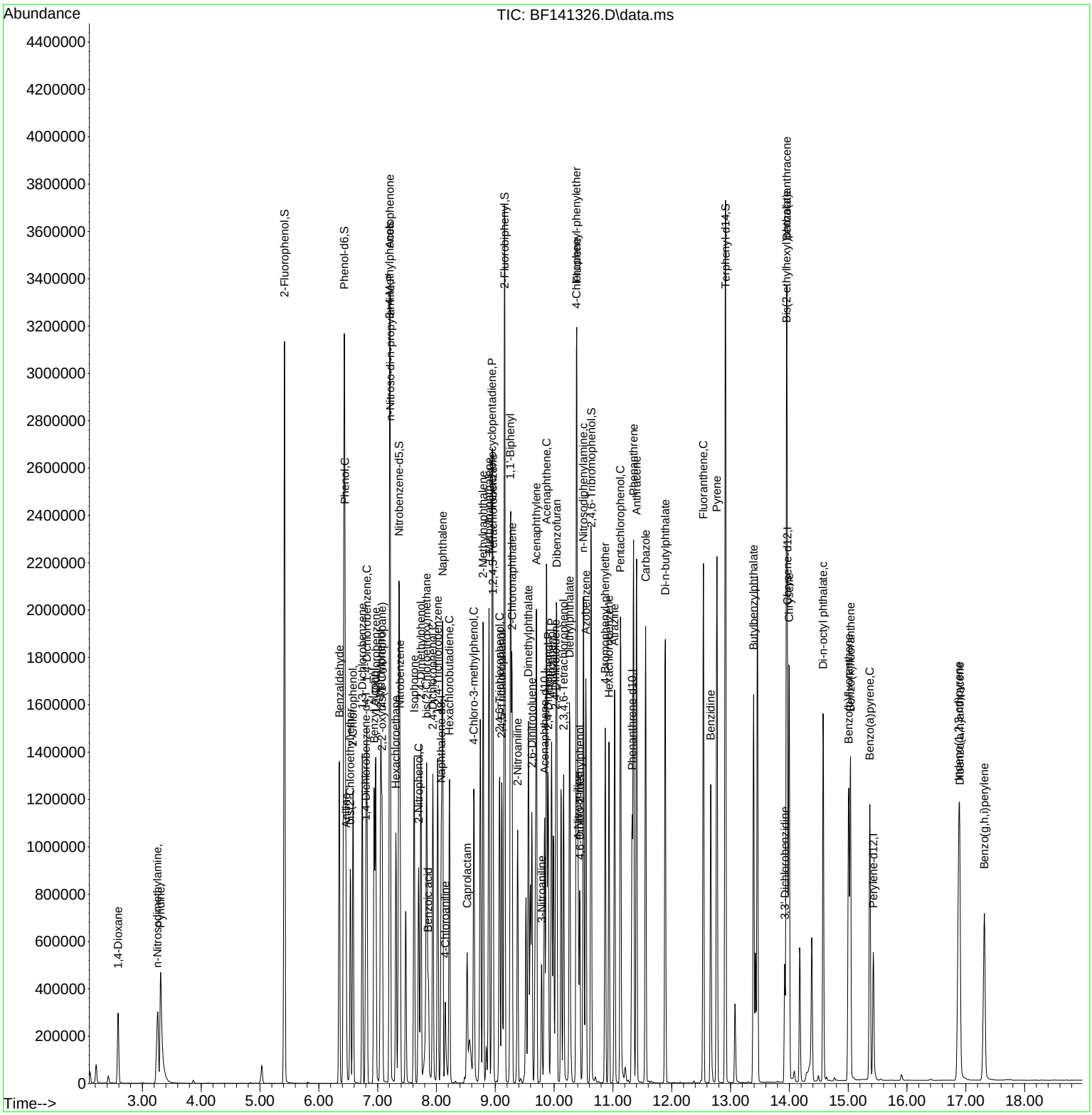
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

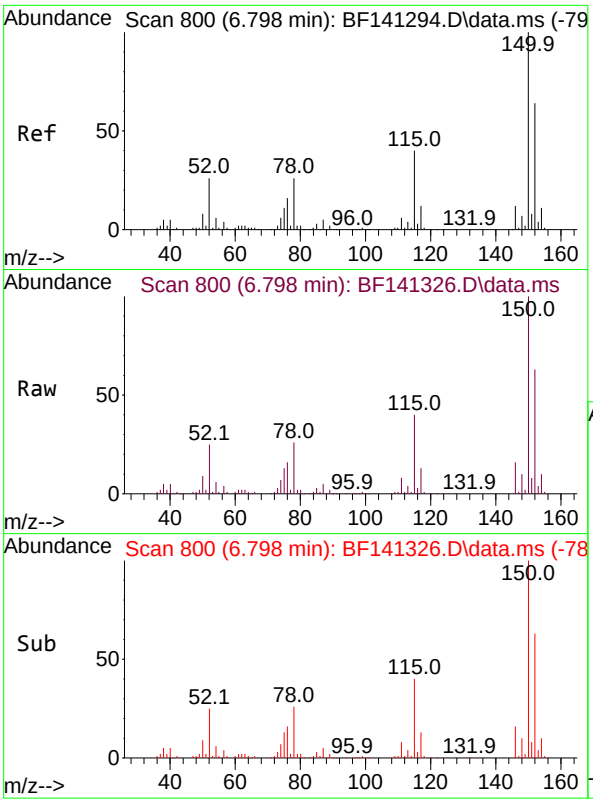
Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

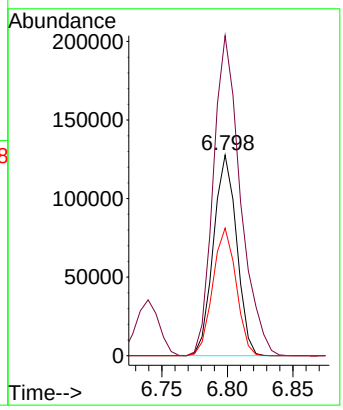




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:152 Resp: 15737

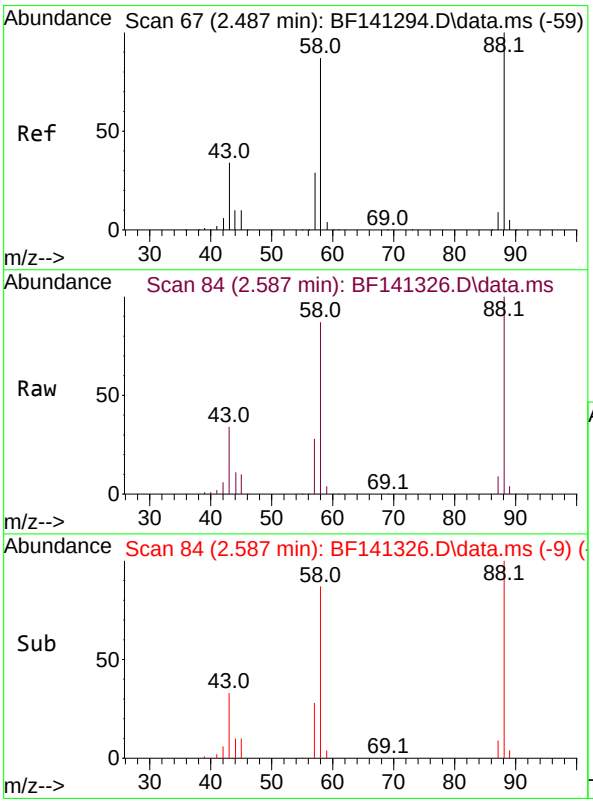
Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	63.6	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

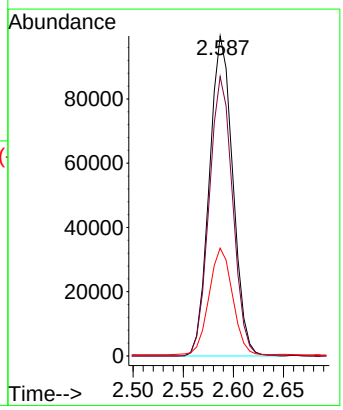
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

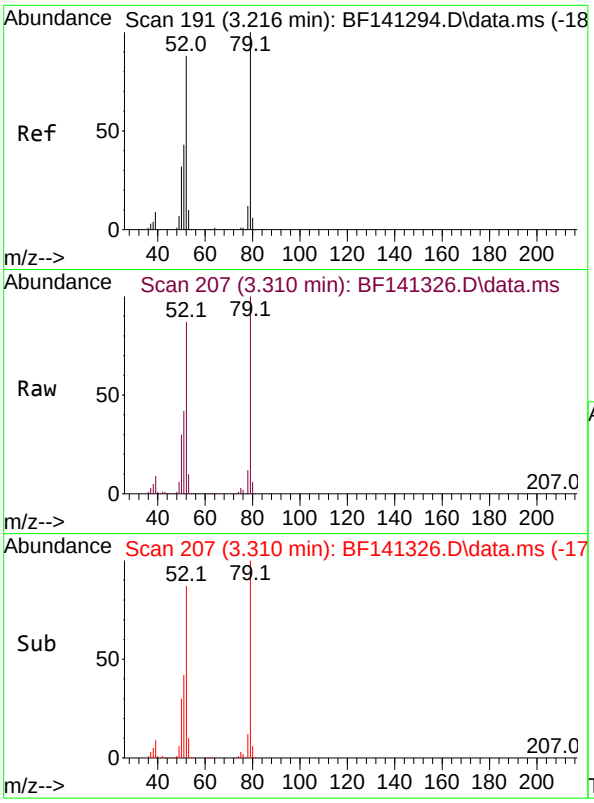


#2
1,4-Dioxane
Concen: 35.901 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.094 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 88 Resp: 161856

Ion	Ratio	Lower	Upper
88	100		
58	87.6	70.2	105.4
43	33.3	27.6	41.4

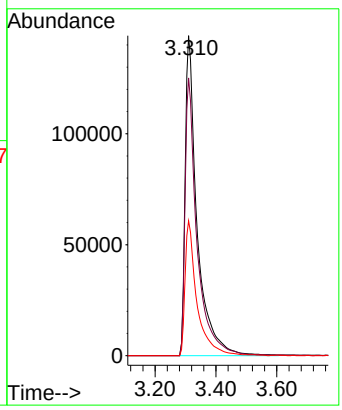




#3
Pyridine
Concen: 36.228 ng
RT: 3.310 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 79 Resp: 39352

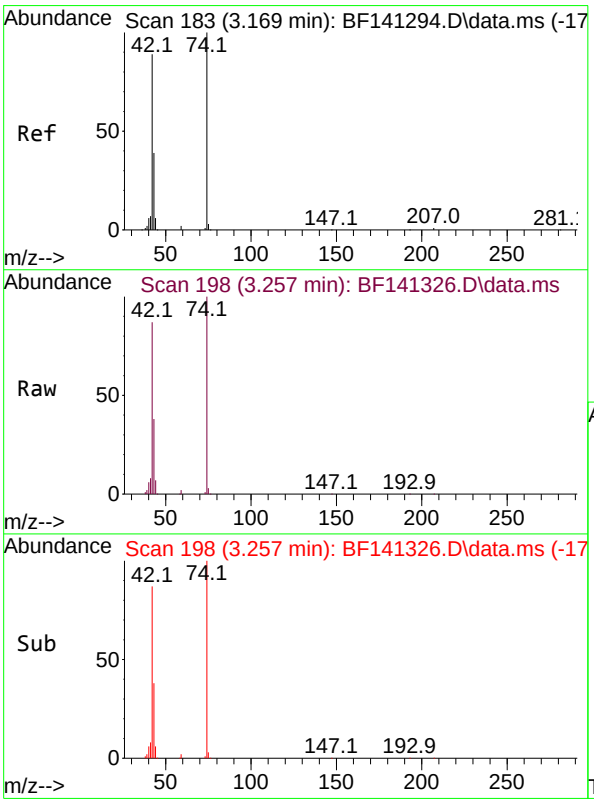
Ion	Ratio	Lower	Upper
79	100		
52	86.8	70.3	105.5
51	42.1	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

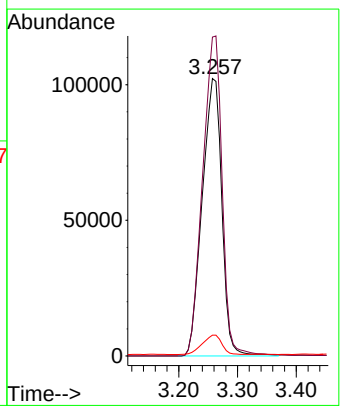
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

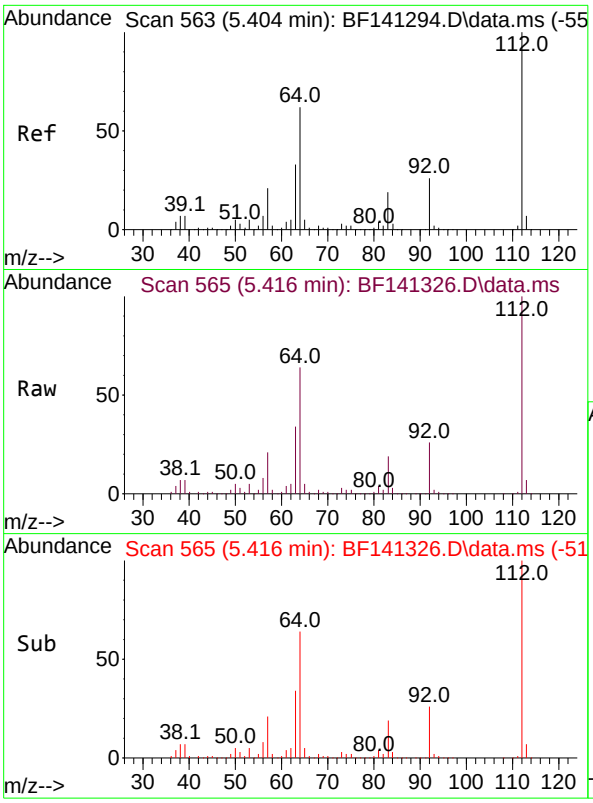


#4
n-Nitrosodimethylamine
Concen: 38.199 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.059 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 42 Resp: 237037

Ion	Ratio	Lower	Upper
42	100		
74	114.9	90.3	135.5
44	7.5	5.7	8.5

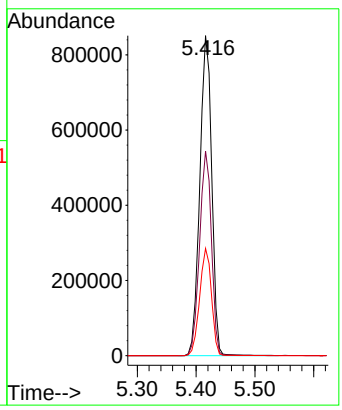




#5
2-Fluorophenol
Concen: 116.878 ng
RT: 5.416 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:112 Resp: 119812

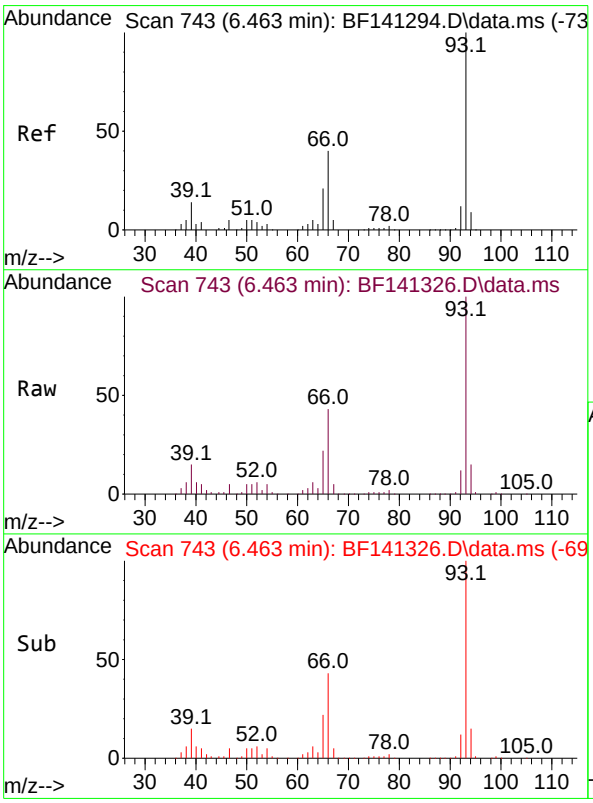
Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.8	74.8
63	33.5	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

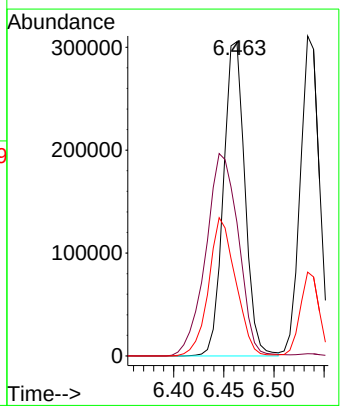
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

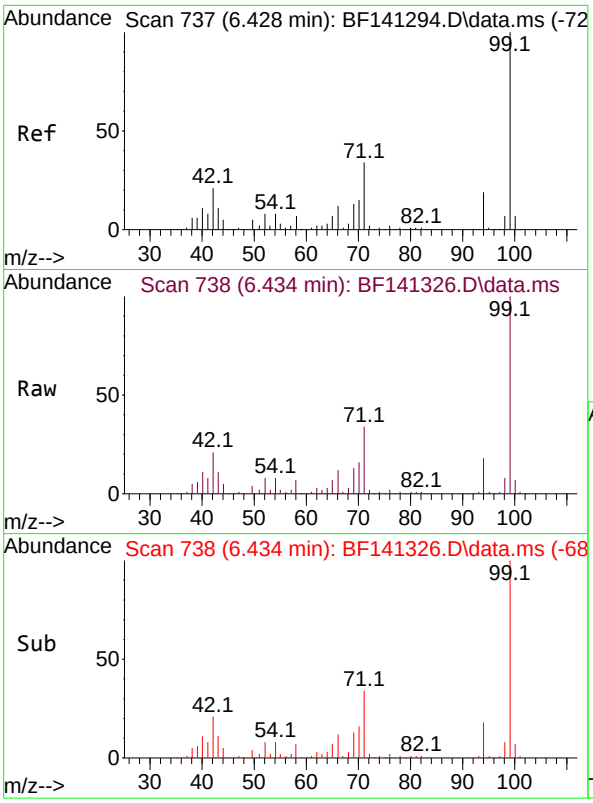


#6
Aniline
Concen: 41.182 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 454604

Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.5	48.7
65	22.3	17.0	25.6

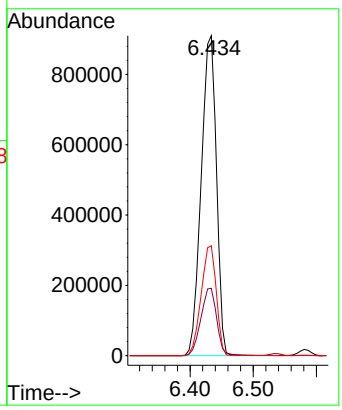




#7
Phenol-d6
Concen: 116.878 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 99 Resp: 152417

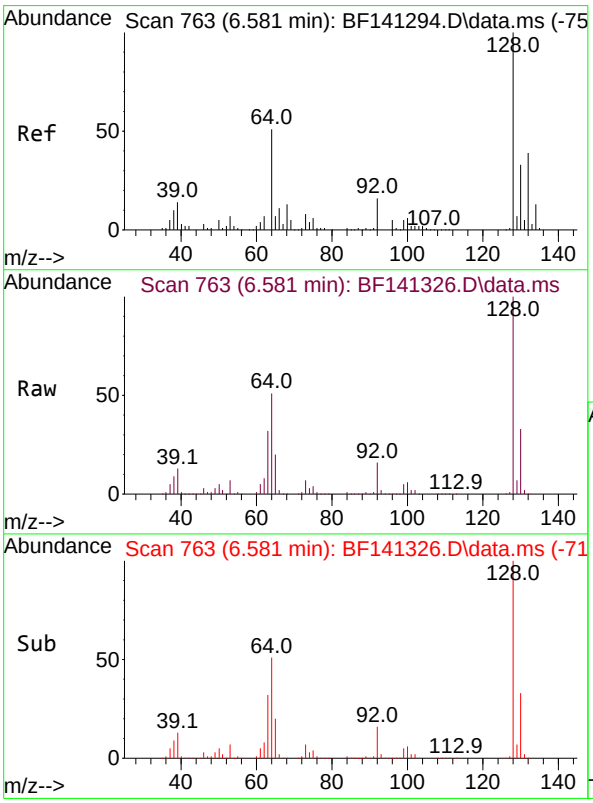
Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	34.3	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

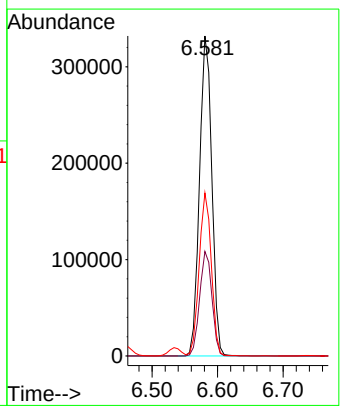
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

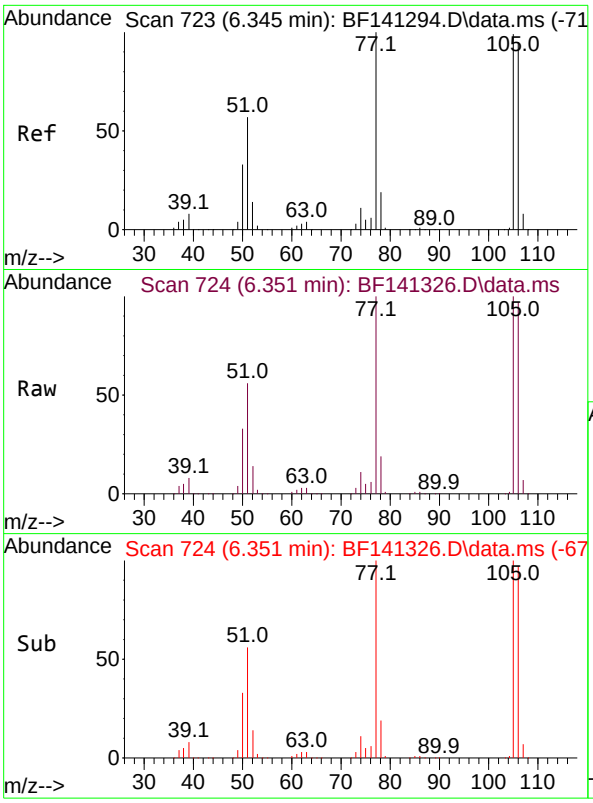


#8
2-Chlorophenol
Concen: 39.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 434676

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	51.0	32.9	72.9

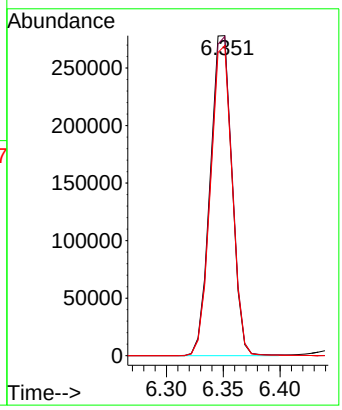




#9
Benzaldehyde
Concen: 49.140 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 77 Resp: 37118

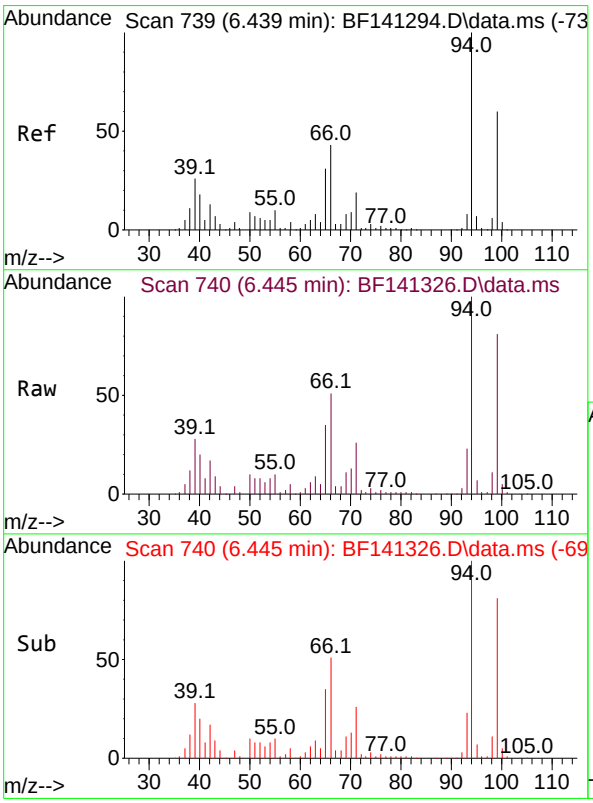
Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.4	119.4
106	96.9	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

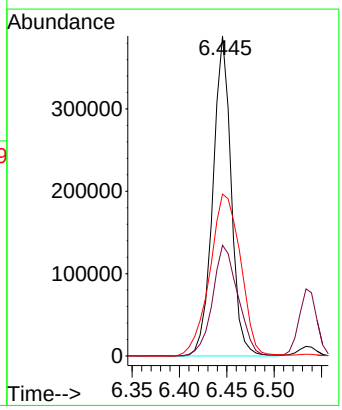
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

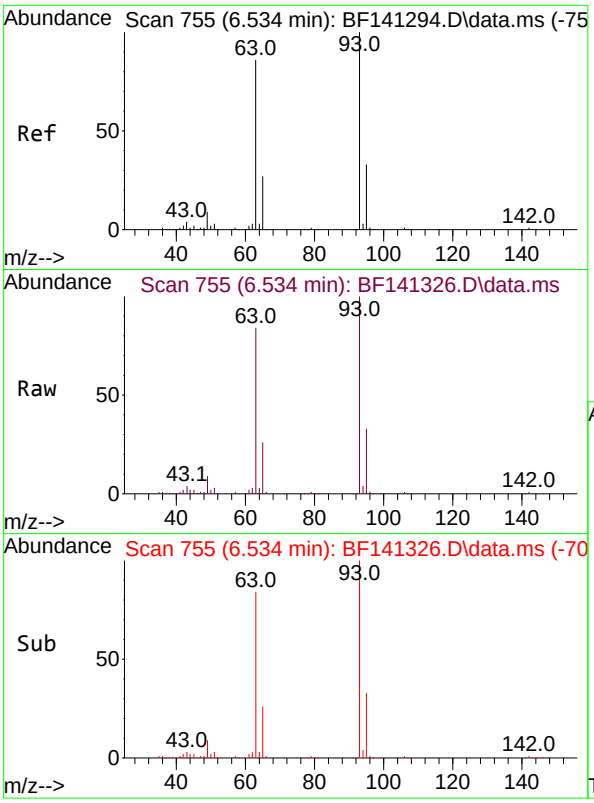


#10
Phenol
Concen: 37.787 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 94 Resp: 522357

Ion	Ratio	Lower	Upper
94	100		
65	34.6	10.8	50.8
66	50.6	23.3	63.3





#11
bis(2-Chloroethyl)ether
Concen: 37.937 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

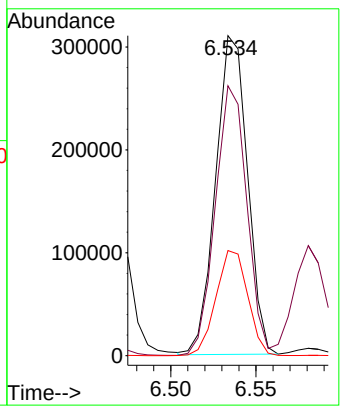
Tgt Ion: 93 Resp: 40210

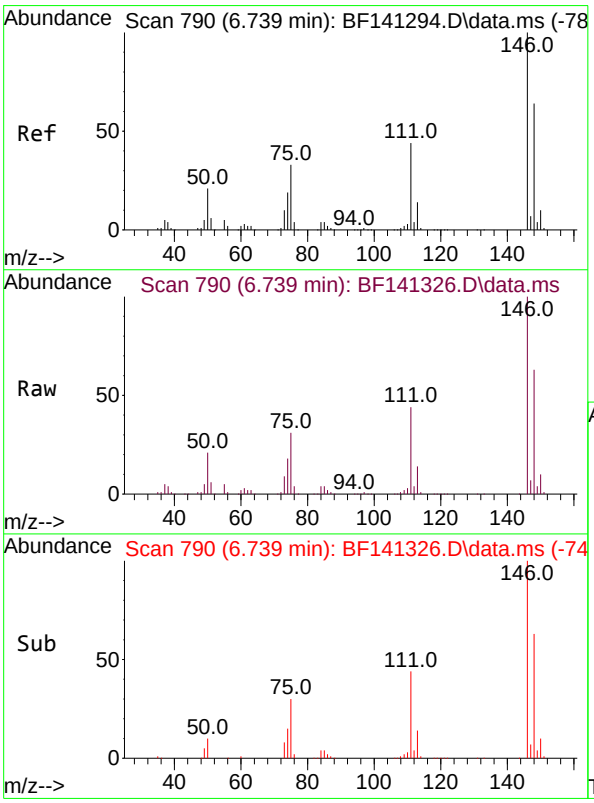
Ion	Ratio	Lower	Upper
93	100		
63	84.4	65.0	105.0
95	32.8	12.4	52.4

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

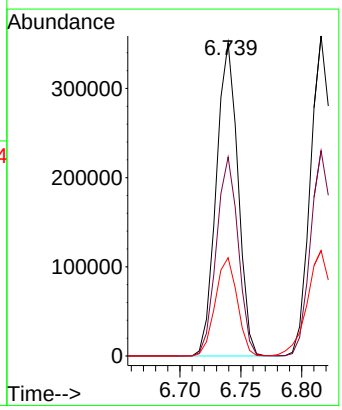


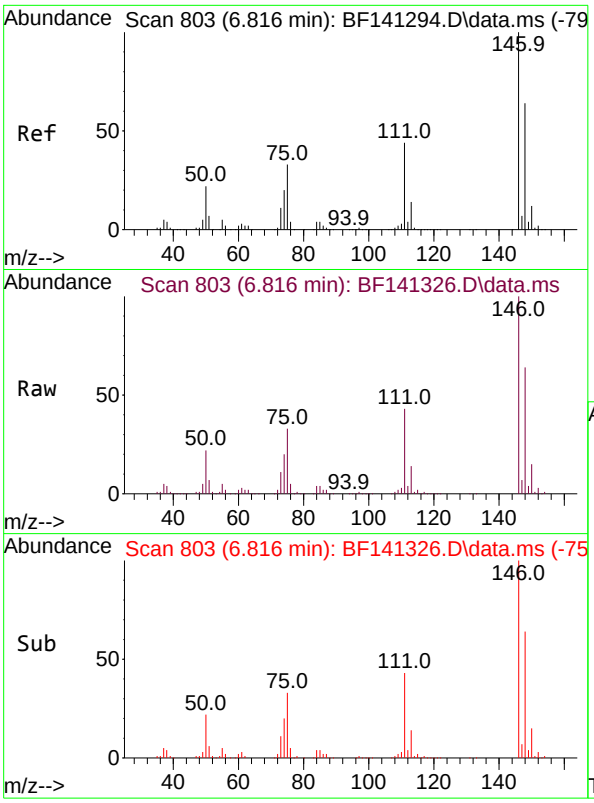


#12
1,3-Dichlorobenzene
Concen: 35.991 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 436015

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	31.4	26.2	39.4

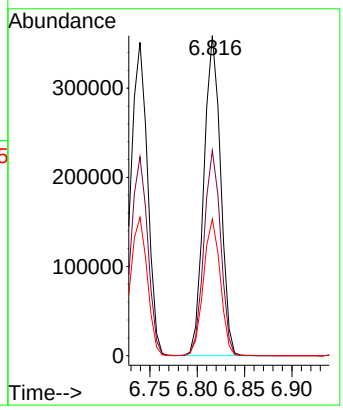




#13
1,4-Dichlorobenzene
Concen: 36.167 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 44016

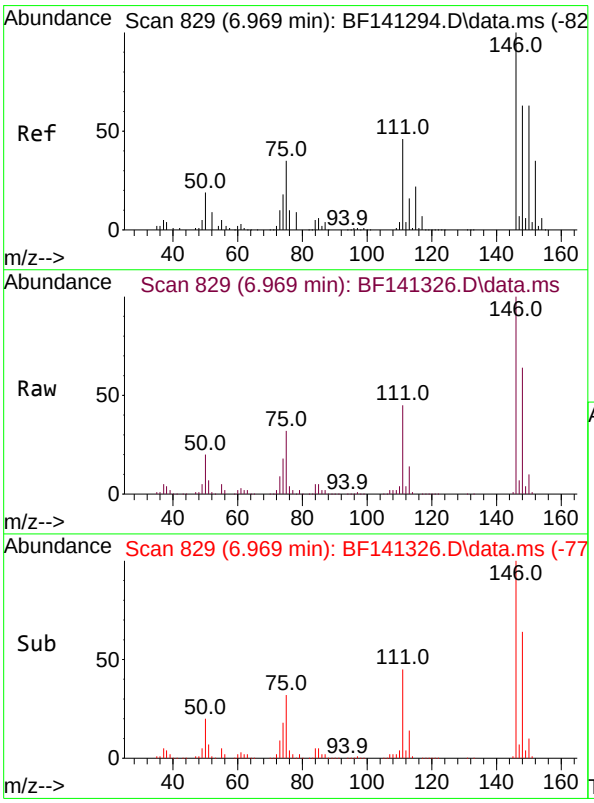
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.7	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

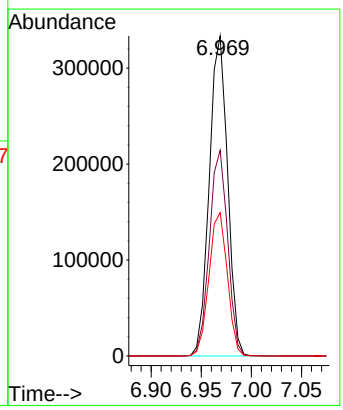
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

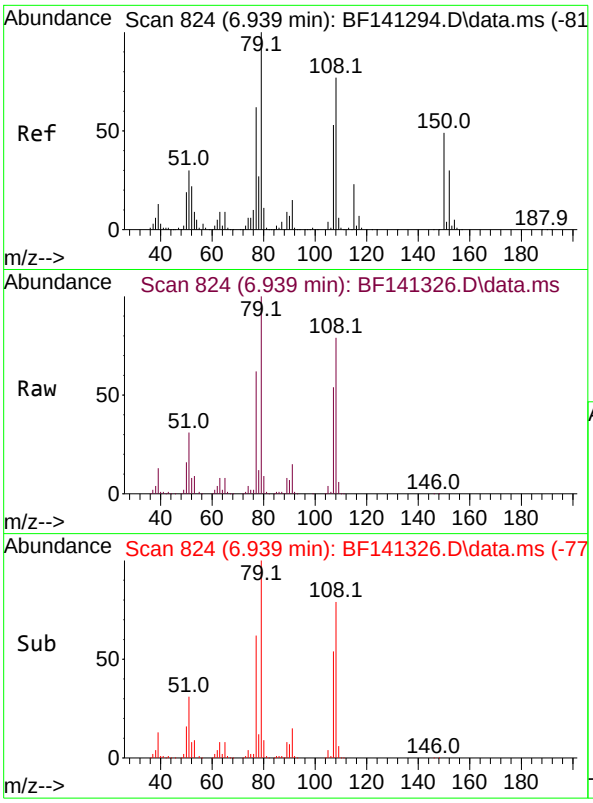


#14
1,2-Dichlorobenzene
Concen: 37.239 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 424389

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	44.8	36.6	55.0





#15
Benzyl Alcohol
Concen: 41.140 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

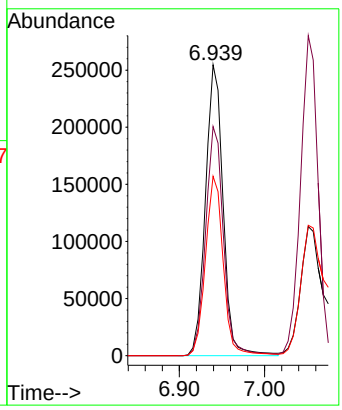
Tgt Ion: 79 Resp: 36663

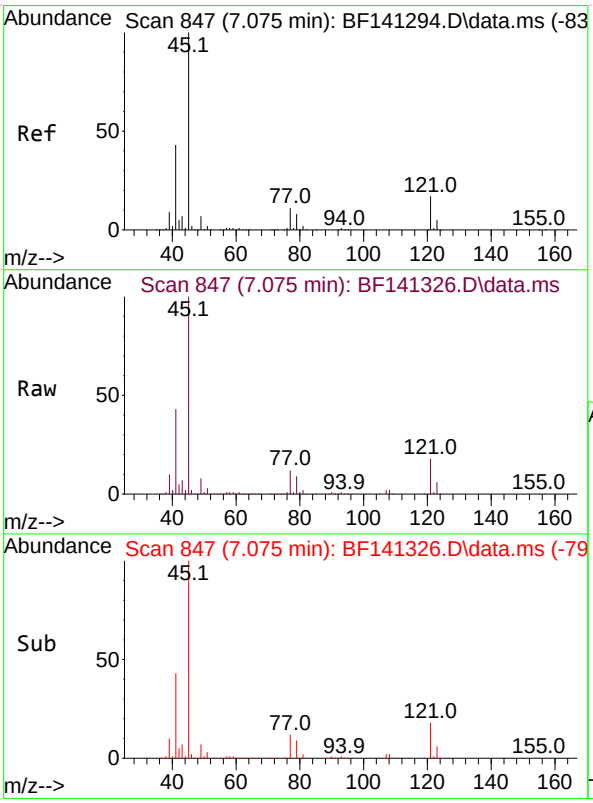
Ion	Ratio	Lower	Upper
79	100		
108	78.8	61.4	92.0
77	61.7	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

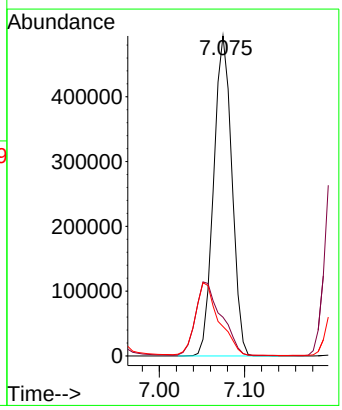


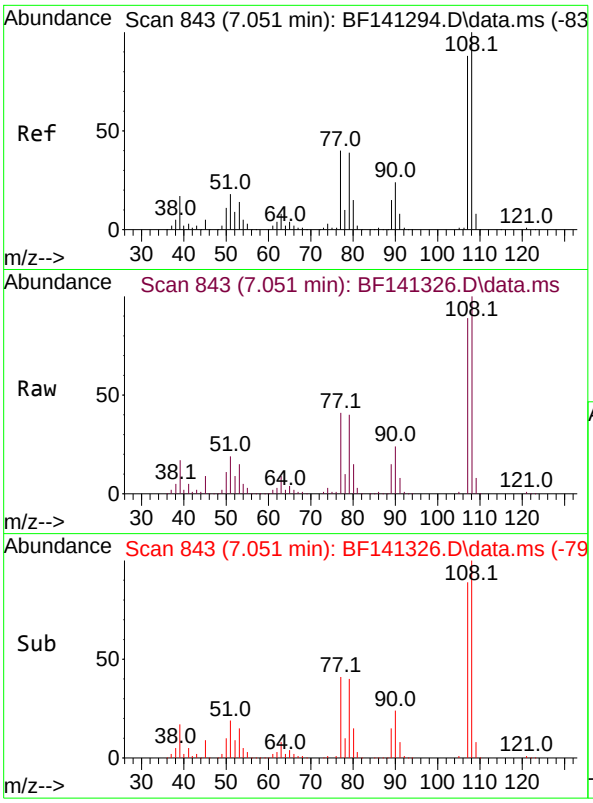


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.771 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 45 Resp: 733035

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	31.8
79	9.2	0.0	29.1

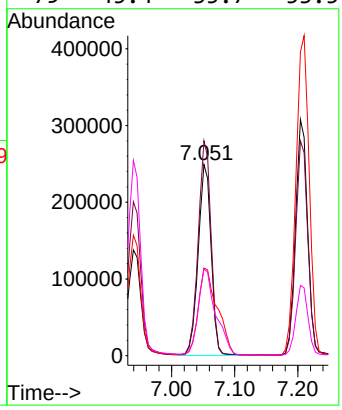




#17
2-Methylphenol
Concen: 39.742 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 35488

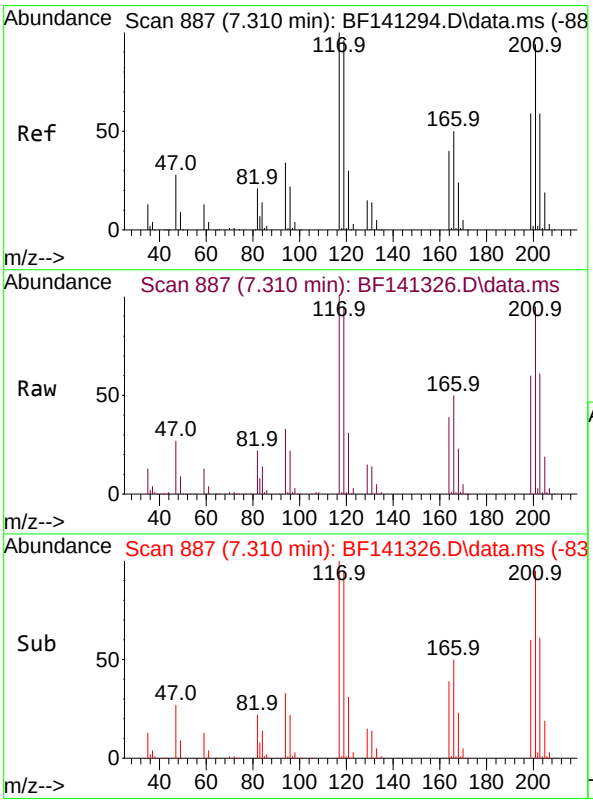
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	45.8	36.2	54.4
79	45.4	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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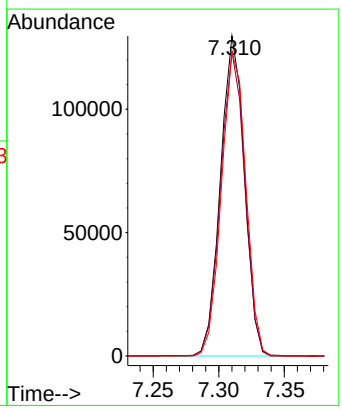
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

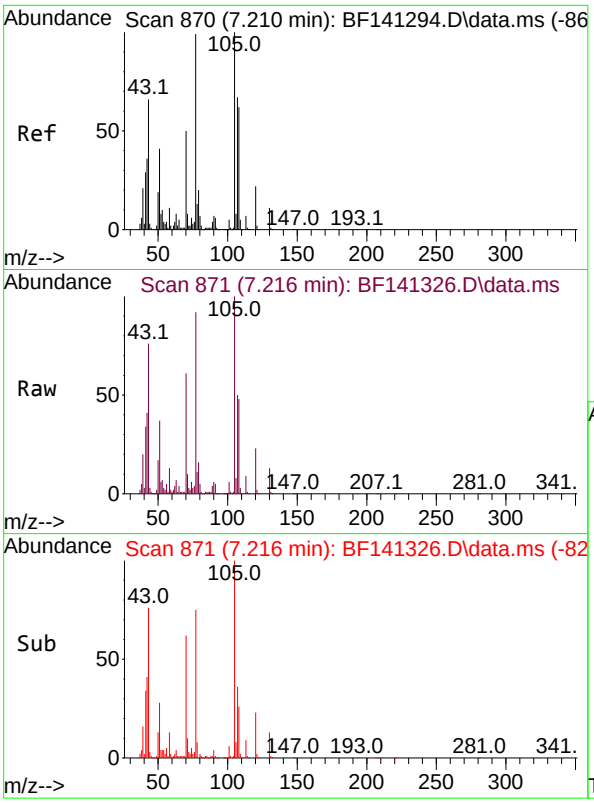


#18
Hexachloroethane
Concen: 36.732 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:117 Resp: 164916

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	95.1	74.8	112.2

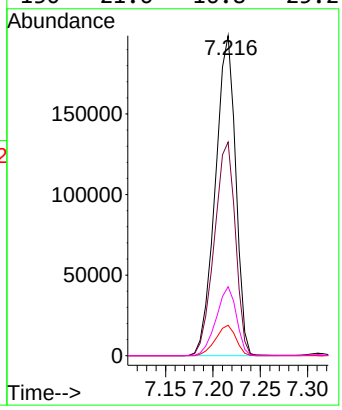




#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

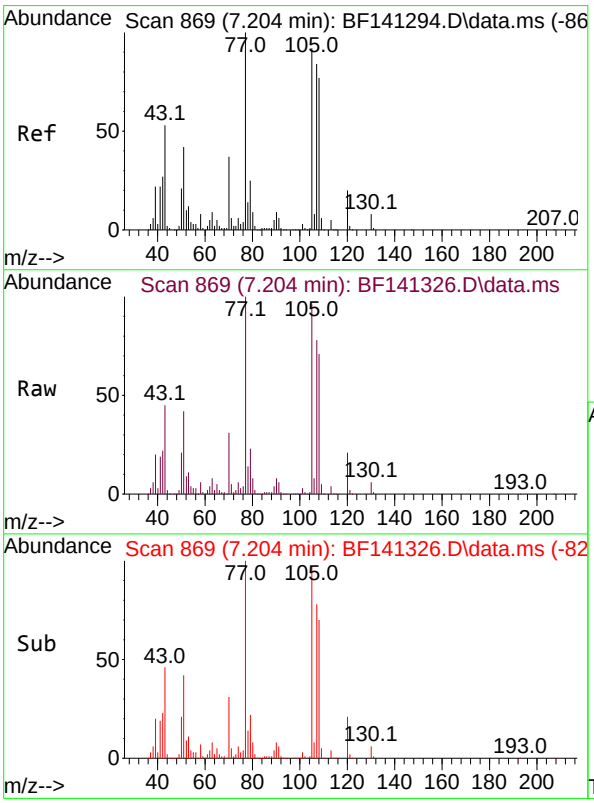
Tgt Ion: 70 Resp: 29699

Ion	Ratio	Lower	Upper
70	100		
42	66.7	56.8	85.2
101	9.5	7.7	11.5
130	21.6	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

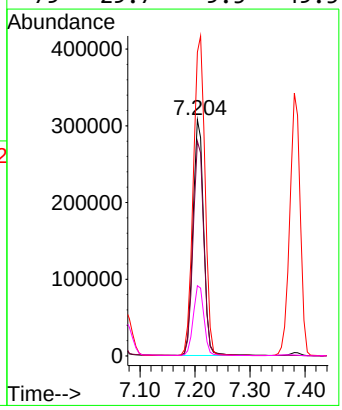
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

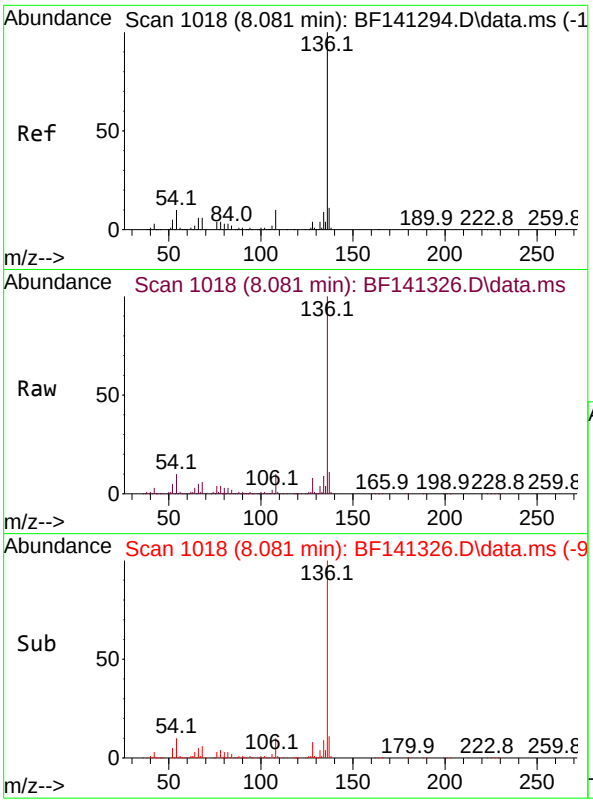


#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 413807

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.9	110.9
77	128.6	98.5	138.5
79	29.7	9.5	49.5

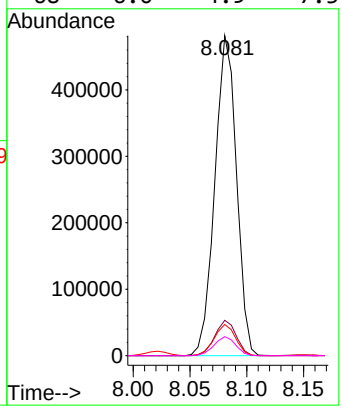




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:136 Resp: 63910

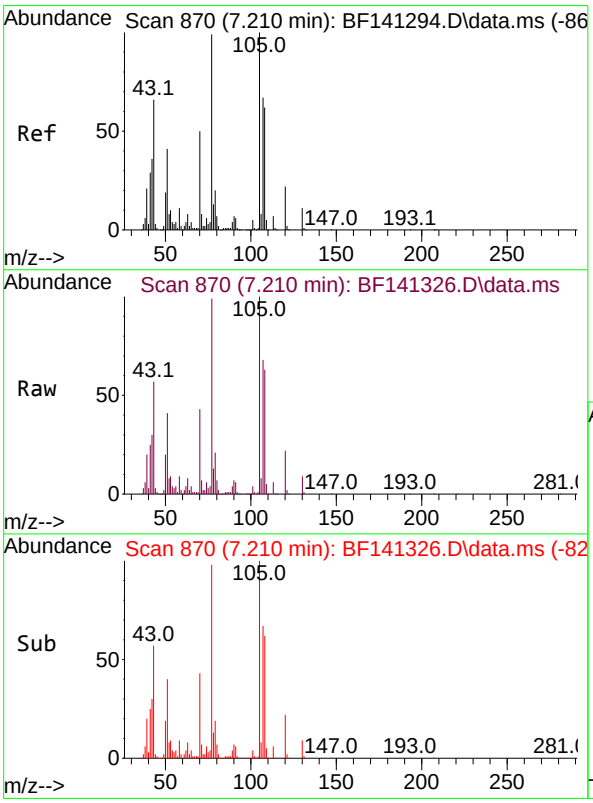
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.8	11.8
68	6.0	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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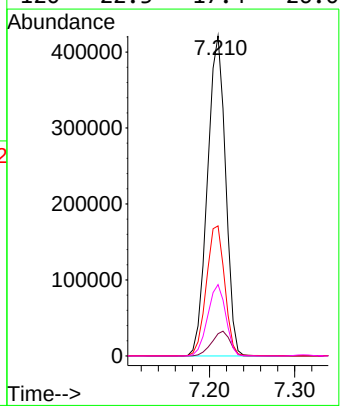
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

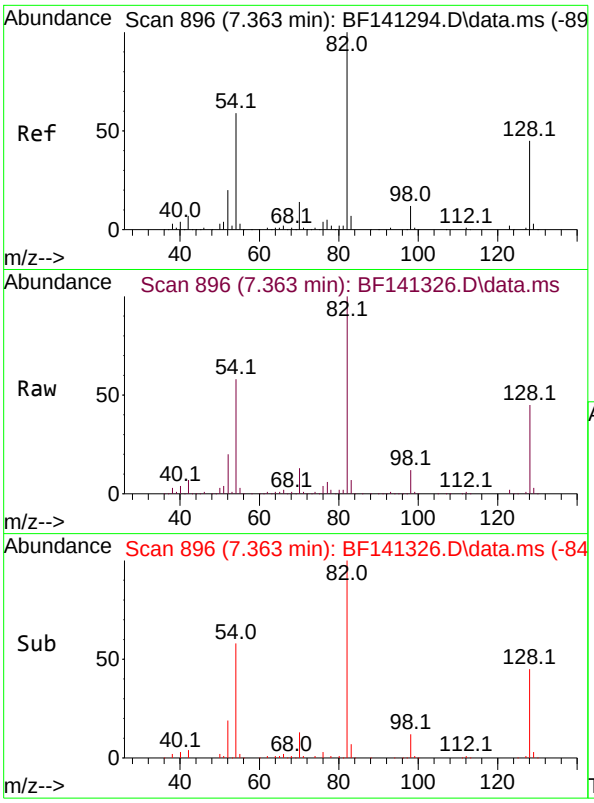


#22
Acetophenone
Concen: 40.897 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:105 Resp: 621280

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.8	10.2
51	40.6	32.6	49.0
120	22.3	17.4	26.0

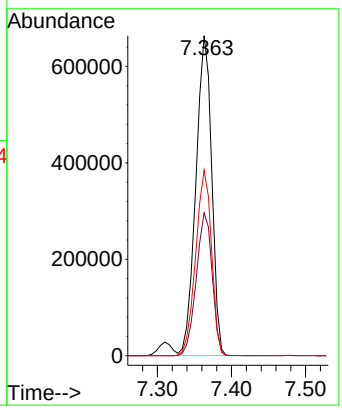




#23
Nitrobenzene-d5
Concen: 81.247 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 82 Resp: 98499

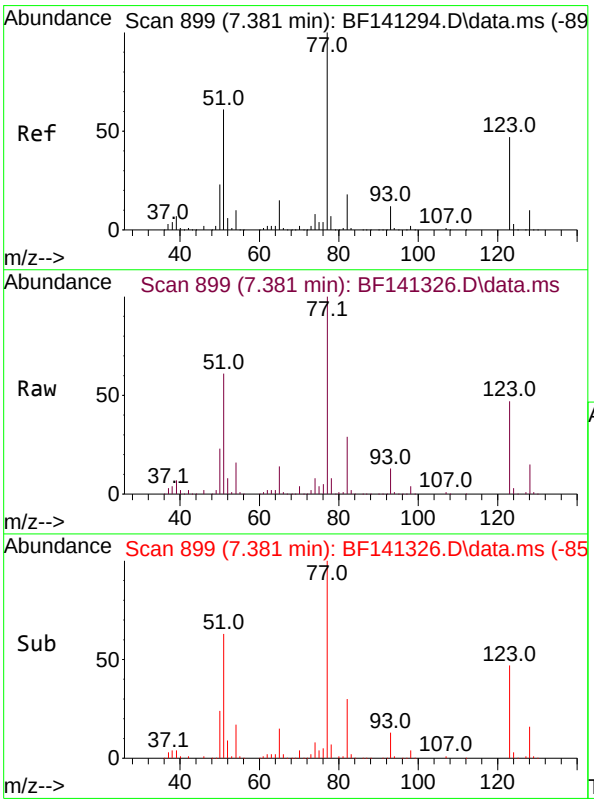
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	57.9	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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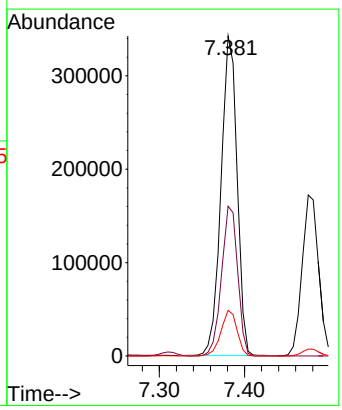
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

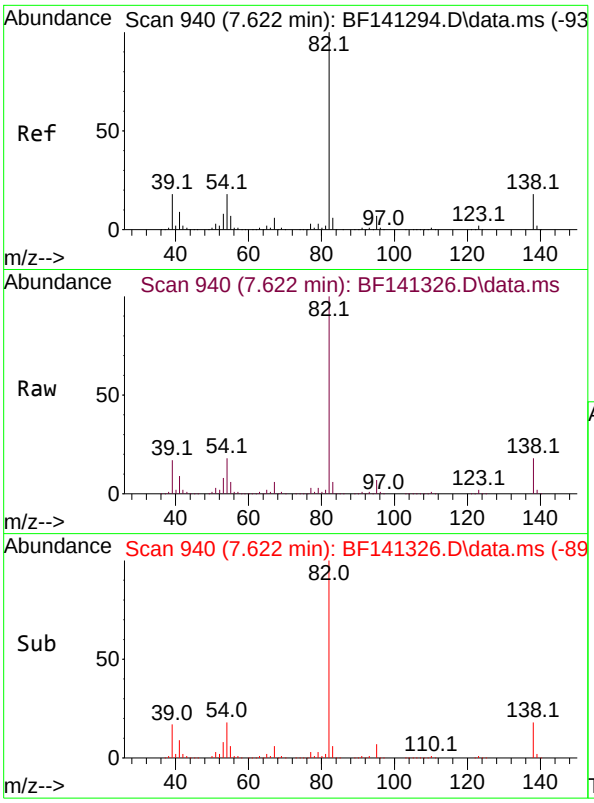


#24
Nitrobenzene
Concen: 35.768 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 77 Resp: 449375

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.3	55.9
65	14.3	11.8	17.6

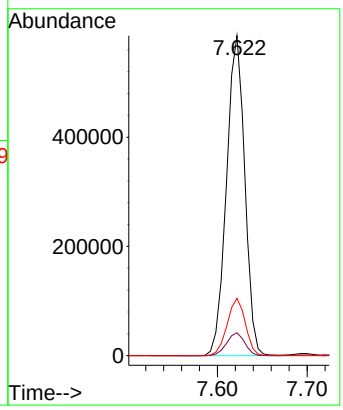




#25
Isophorone
Concen: 39.526 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 82 Resp: 82832

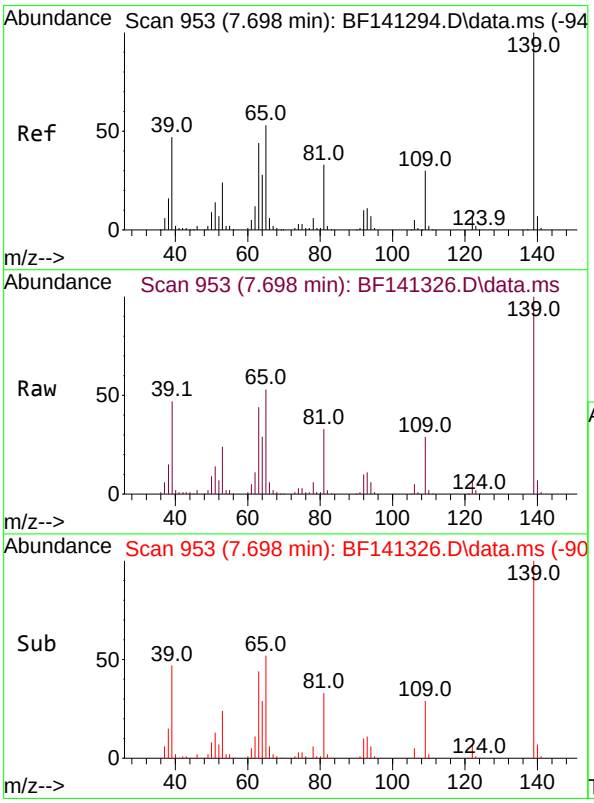
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.9	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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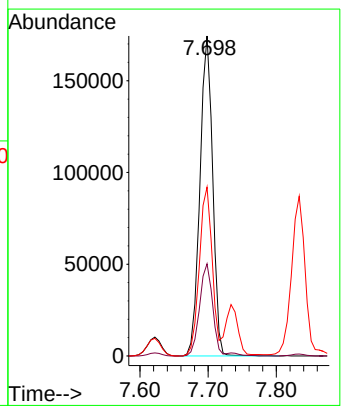
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

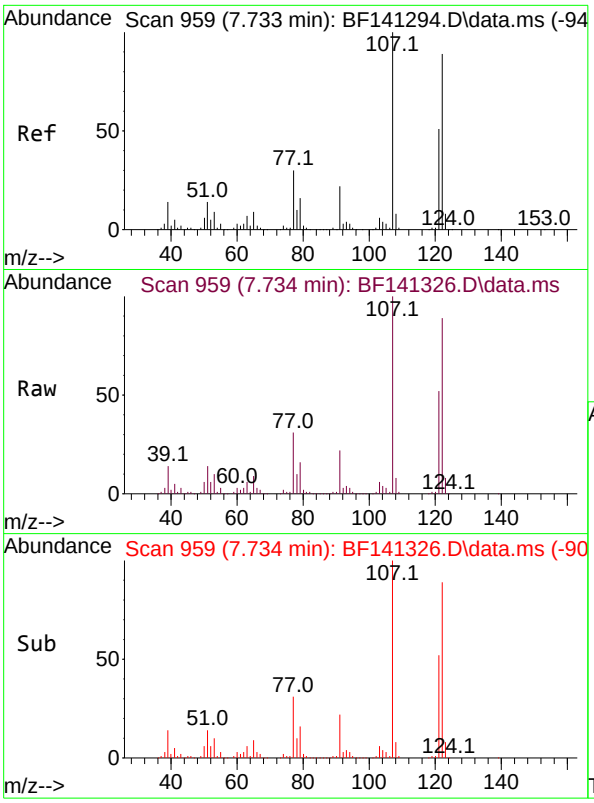


#26
2-Nitrophenol
Concen: 38.187 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 226262

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.8	35.6
65	52.7	42.2	63.4

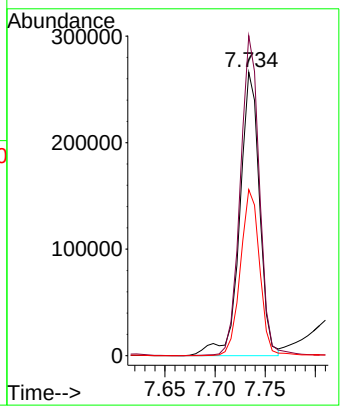




#27
2,4-Dimethylphenol
Concen: 48.501 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:122 Resp: 36577

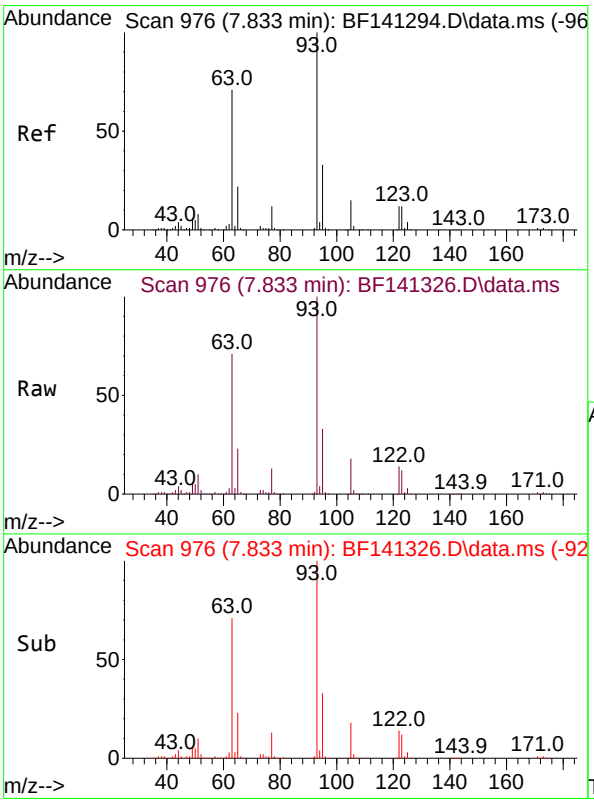
Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.9	134.9
121	58.5	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

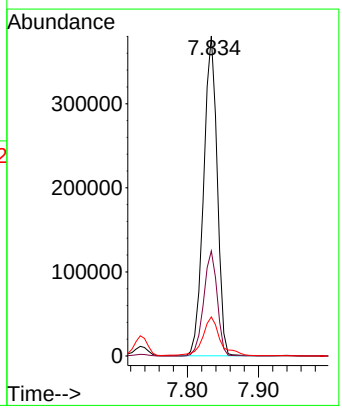
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

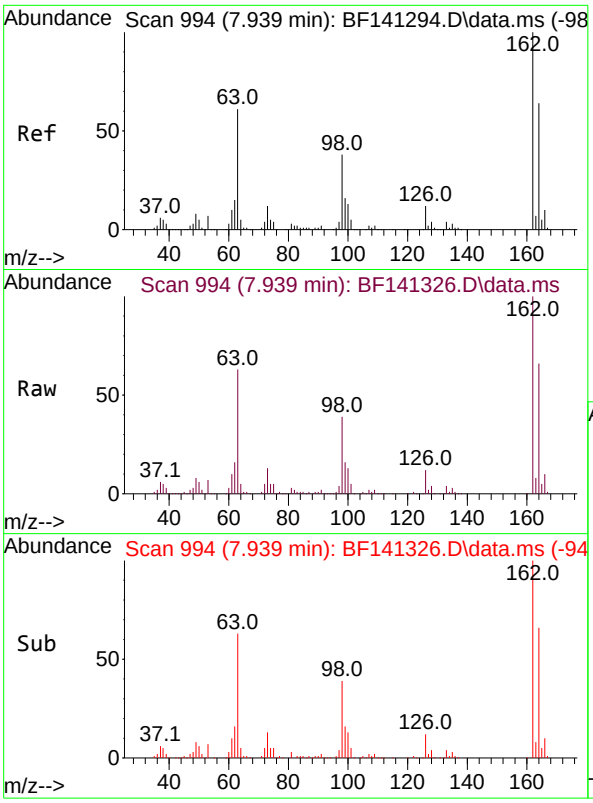


#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 505927

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.2	10.2	15.4

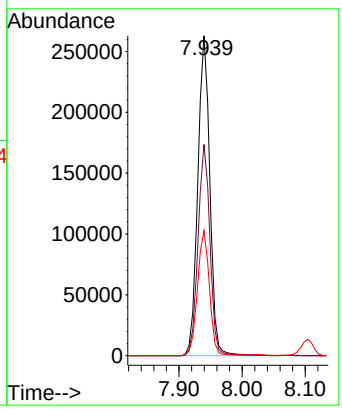




#29
2,4-Dichlorophenol
Concen: 37.862 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:162 Resp: 34956

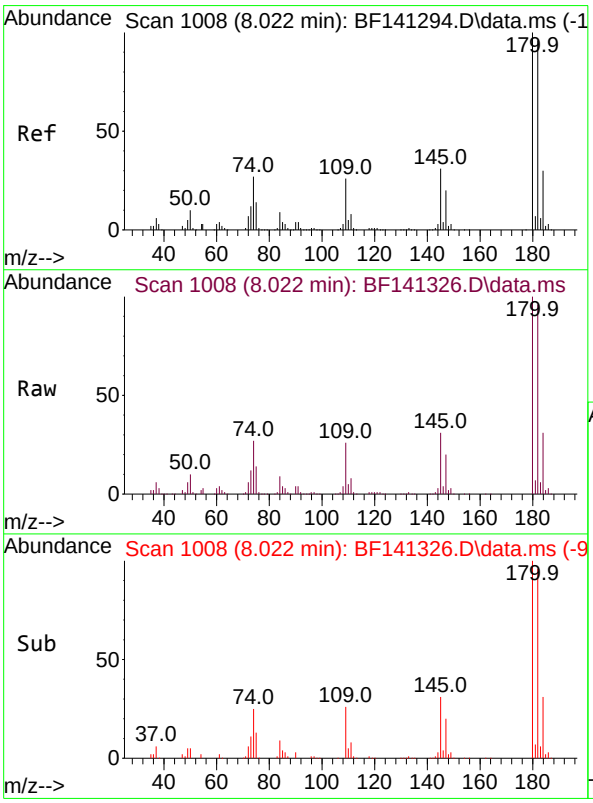
Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.2	84.2
98	39.1	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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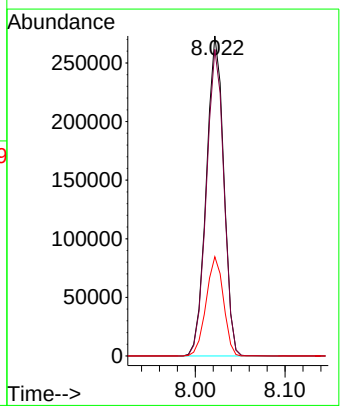
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

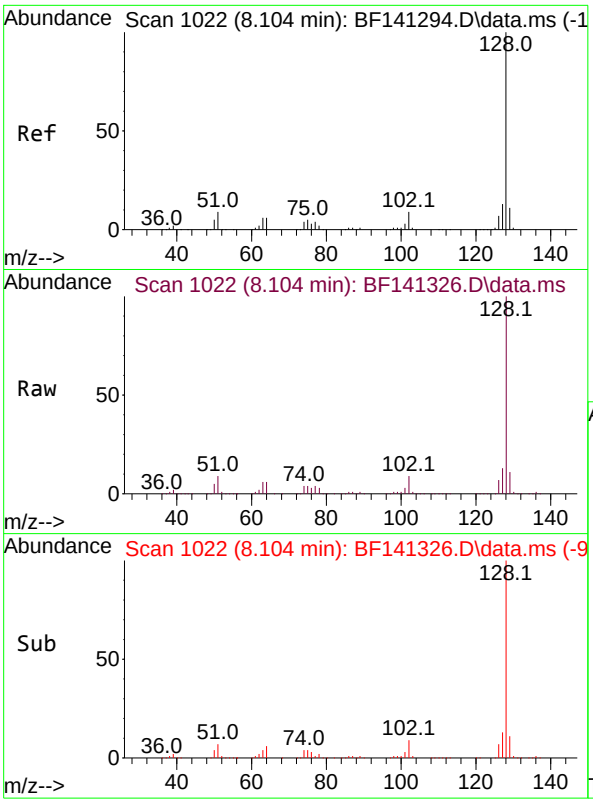


#30
1,2,4-Trichlorobenzene
Concen: 34.933 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:180 Resp: 368330

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	31.0	24.9	37.3

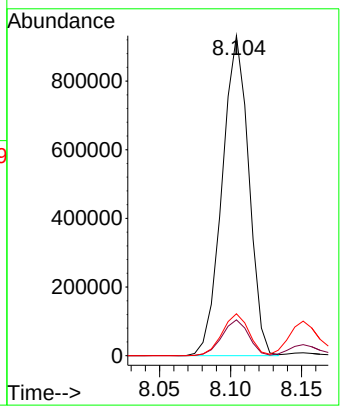




#31
Naphthalene
Concen: 36.025 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 121627

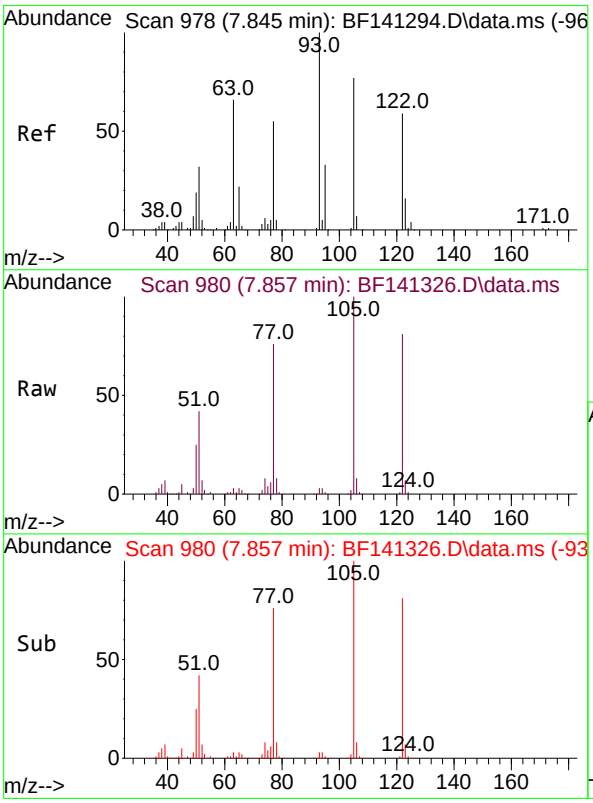
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.1	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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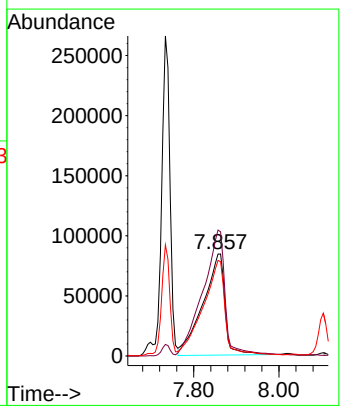
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

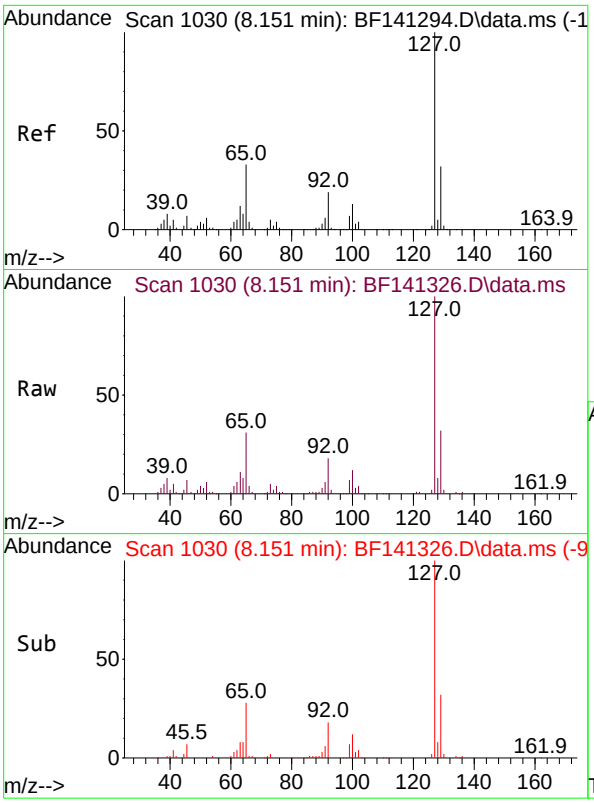


#32
Benzoic acid
Concen: 43.663 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:122 Resp: 302716

Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.4	143.4
77	93.7	70.9	110.9

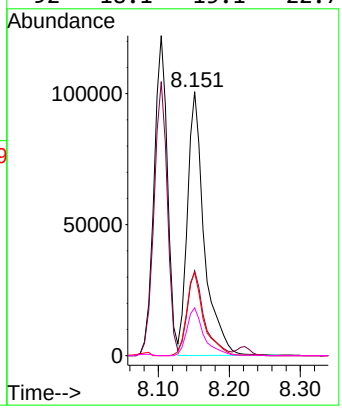




#33
4-Chloroaniline
Concen: 14.386 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:127 Resp: 16470

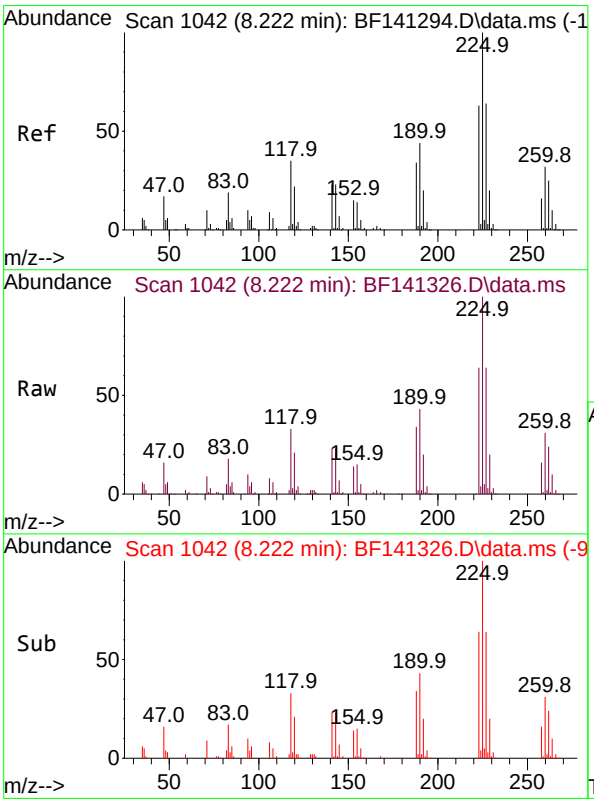
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.5	26.4	39.6
92	18.1	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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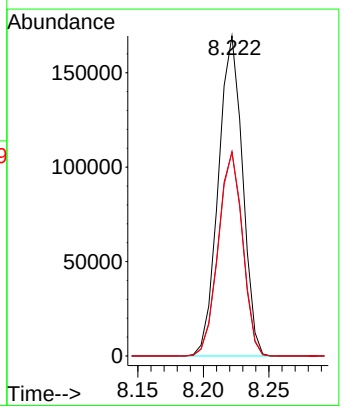
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

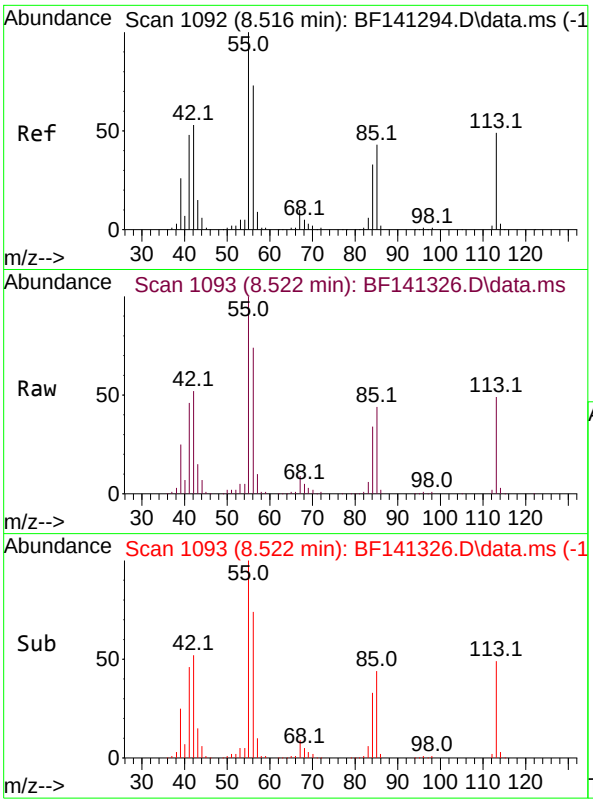


#34
Hexachlorobutadiene
Concen: 35.179 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:225 Resp: 217527

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9

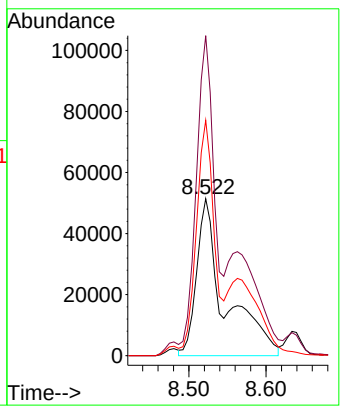




#35
Caprolactam
Concen: 43.302 ng m
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:113 Resp: 13056

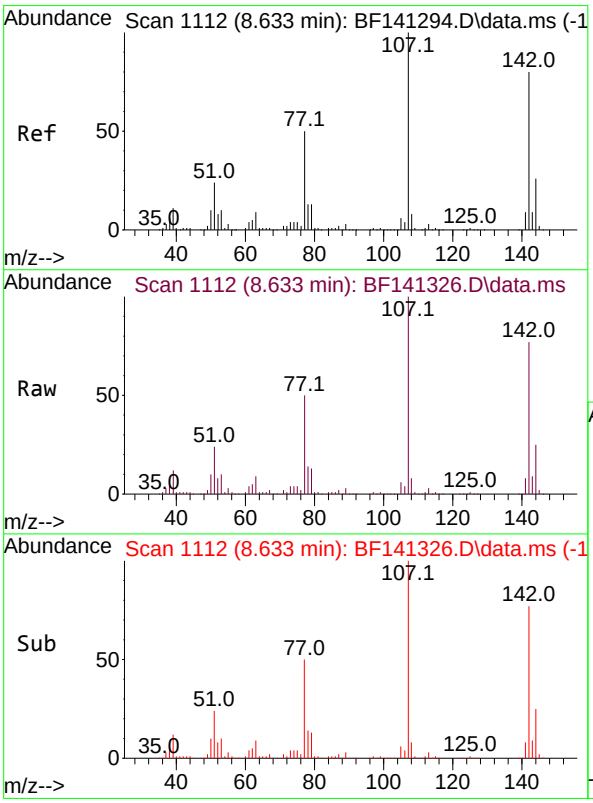
Ion	Ratio	Lower	Upper
113	100		
55	203.9	182.9	222.9
56	150.0	127.9	167.9



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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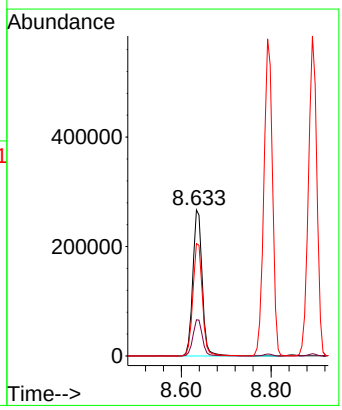
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

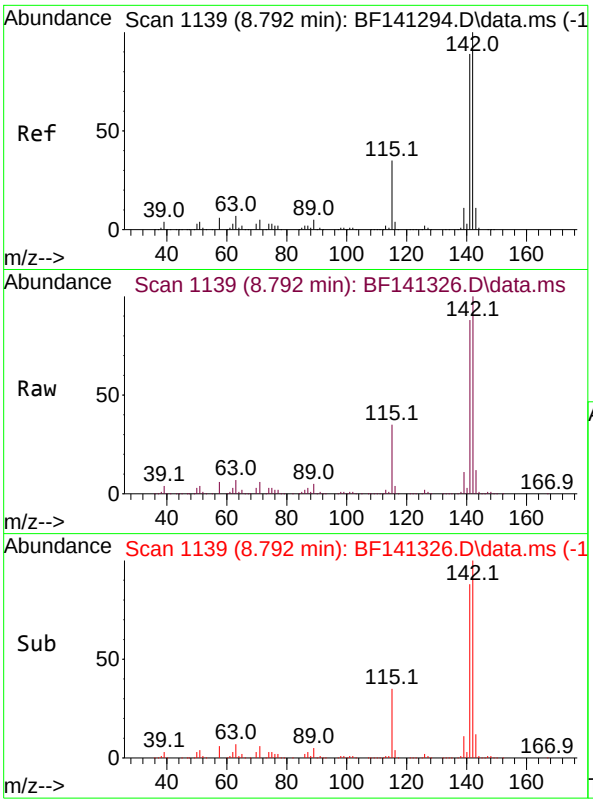


#36
4-Chloro-3-methylphenol
Concen: 39.190 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 388117

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.0	63.8	95.8

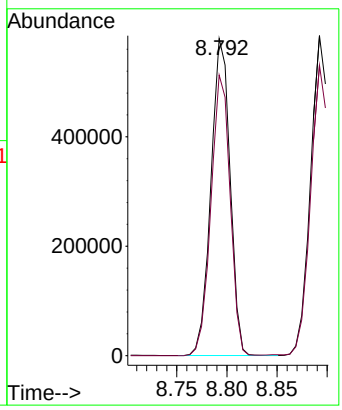




#37
2-Methylnaphthalene
Concen: 35.792 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:142 Resp: 76804

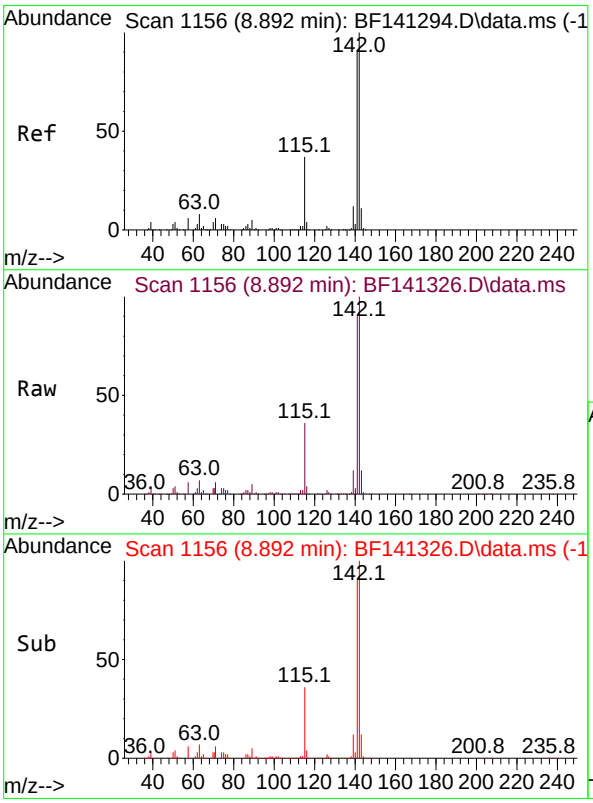
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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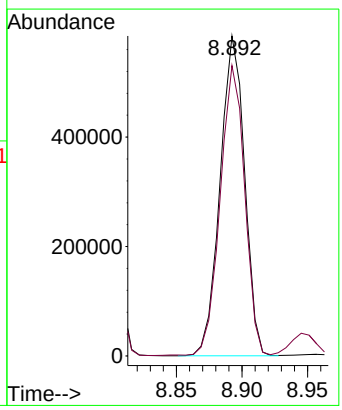
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

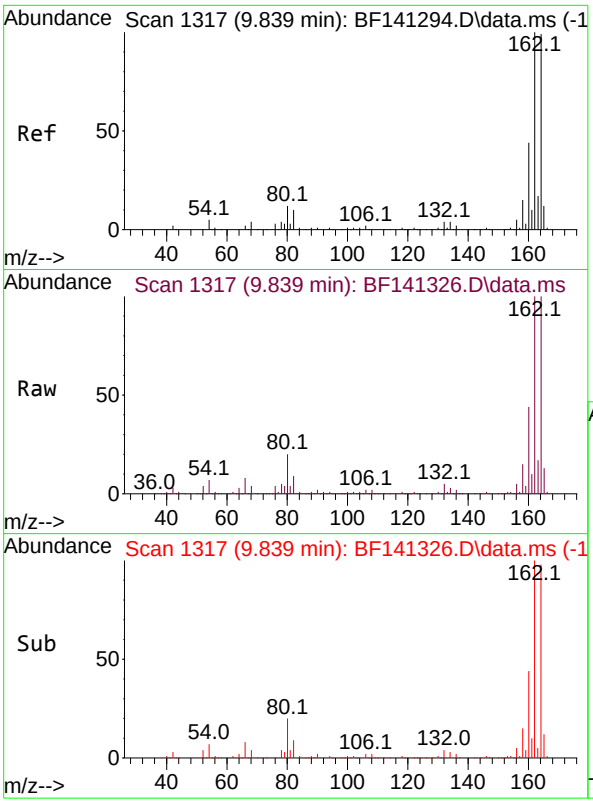


#38
1-Methylnaphthalene
Concen: 36.018 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:142 Resp: 759228

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8

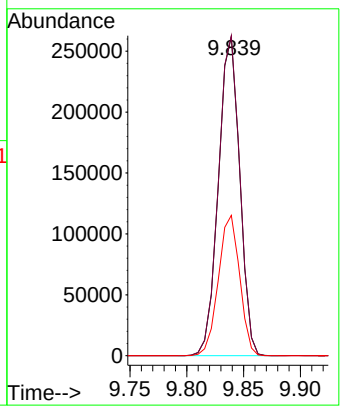




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:164 Resp: 34163

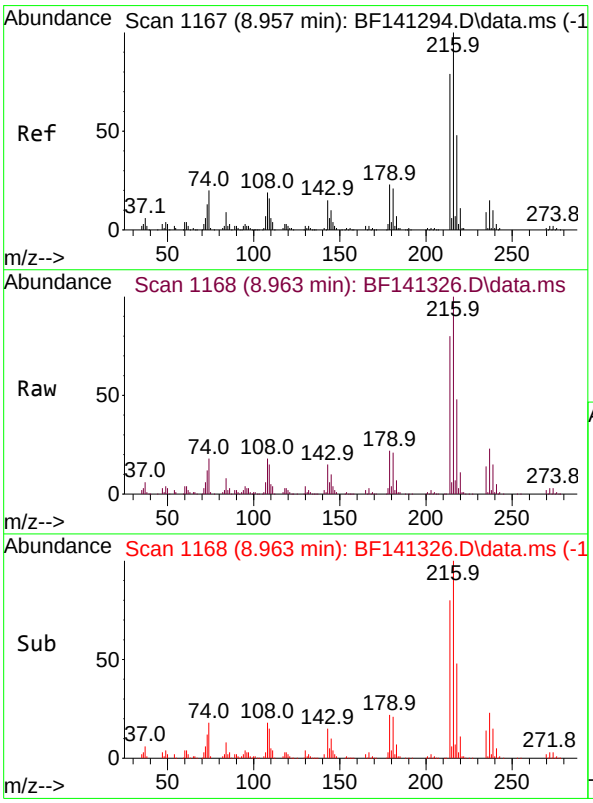
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.0	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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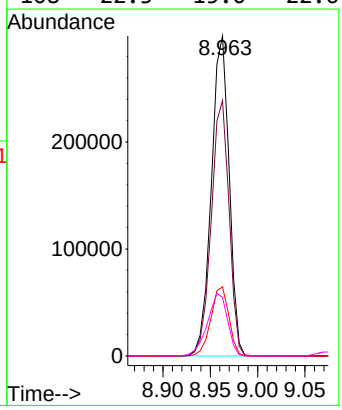
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

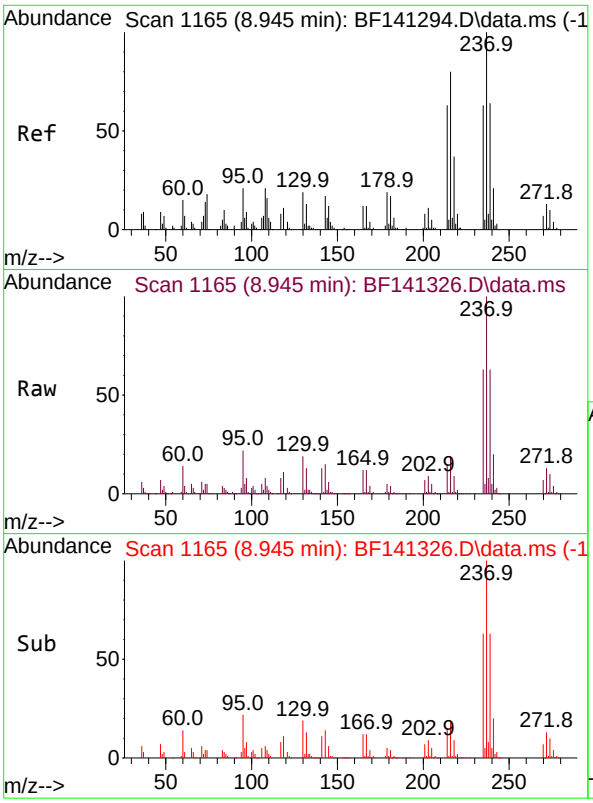


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.008 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:216 Resp: 388845

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.2	94.8
179	21.9	17.8	26.8
108	22.3	15.0	22.6

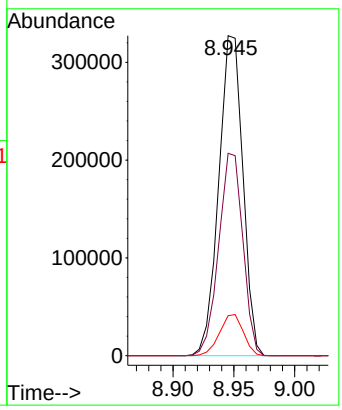




#41
Hexachlorocyclopentadiene
Concen: 157.404 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:237 Resp: 45180

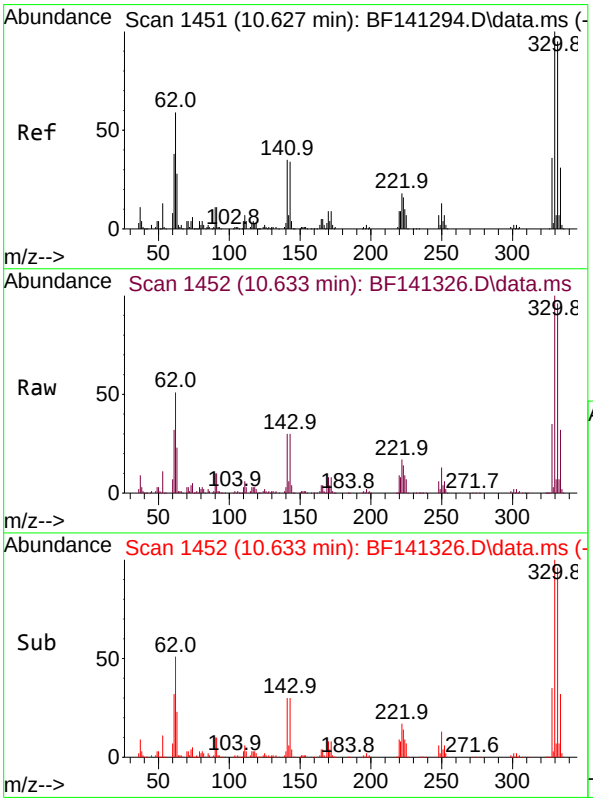
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.9	82.9
272	12.5	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

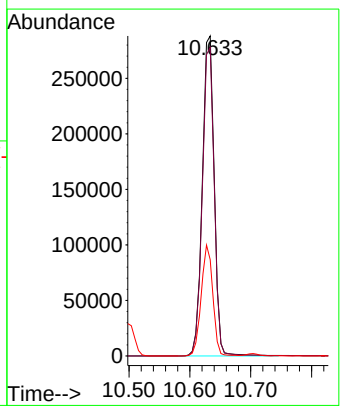
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

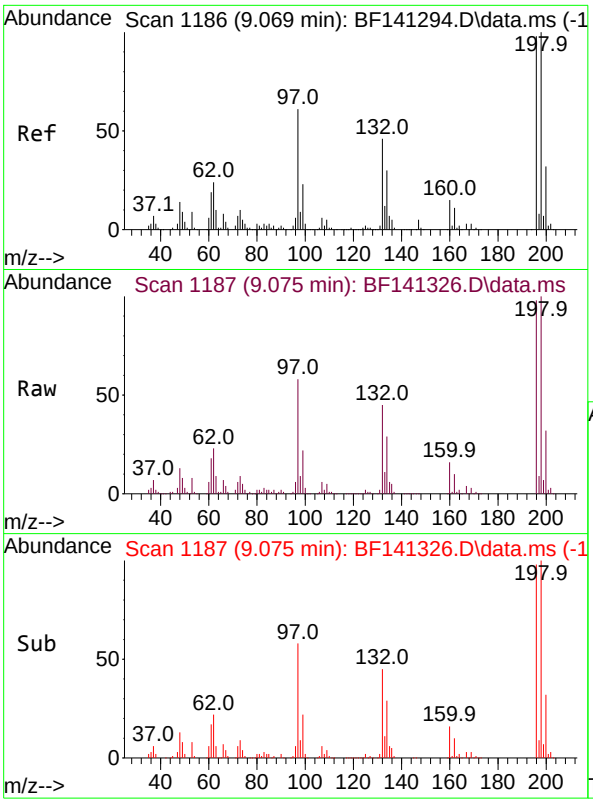


#42
2,4,6-Tribromophenol
Concen: 125.427 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:330 Resp: 392837

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.8	28.8	43.2





#43
2,4,6-Trichlorophenol
Concen: 39.194 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

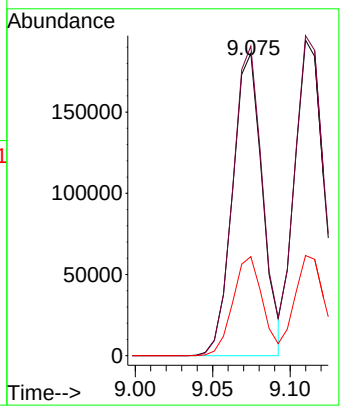
Tgt Ion:196 Resp: 24933

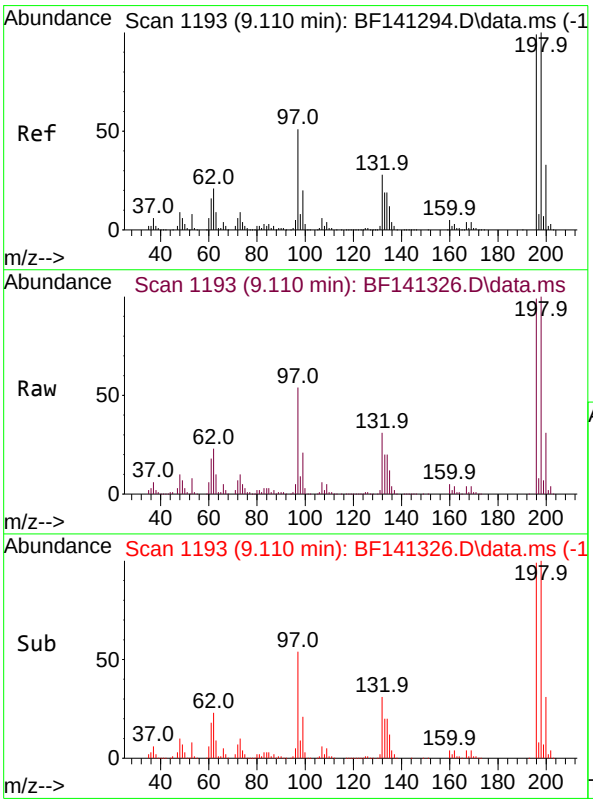
Ion	Ratio	Lower	Upper
196	100		
198	102.4	81.8	122.6
200	32.8	26.3	39.5

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

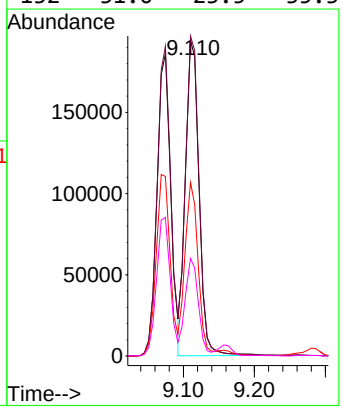


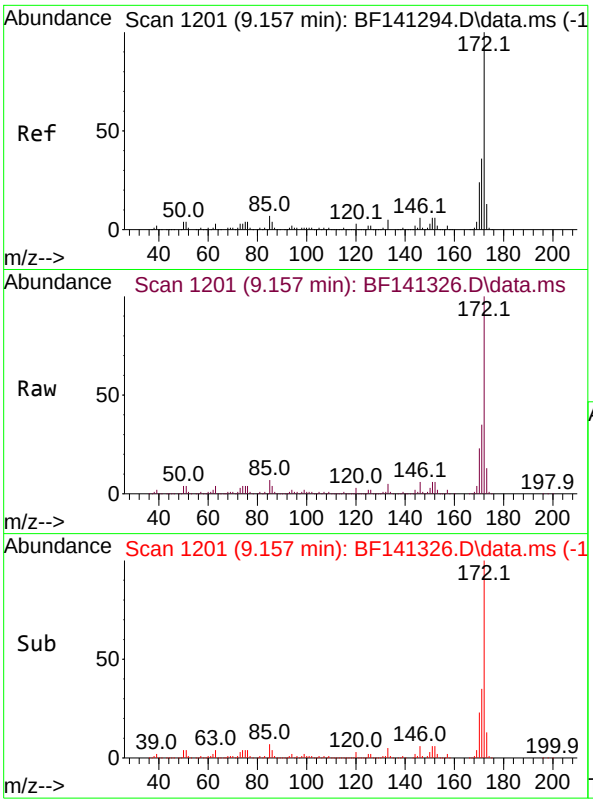


#44
2,4,5-Trichlorophenol
Concen: 37.493 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:196 Resp: 259595

Ion	Ratio	Lower	Upper
196	100		
198	101.4	80.5	120.7
97	55.0	42.8	64.2
132	31.0	23.5	35.3

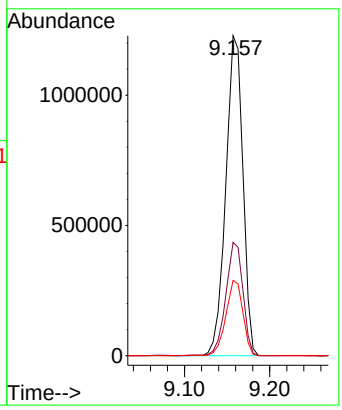




#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:172 Resp: 171191

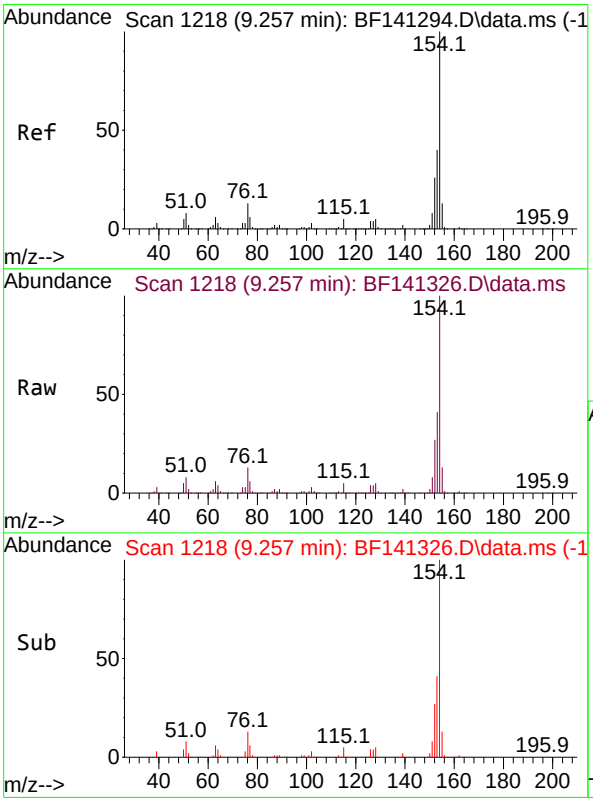
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.5	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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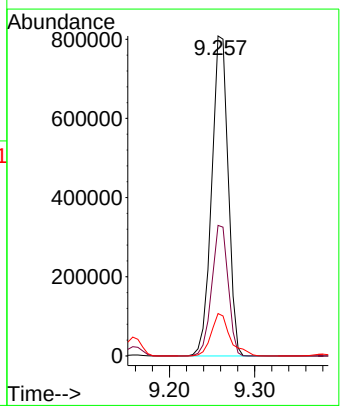
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

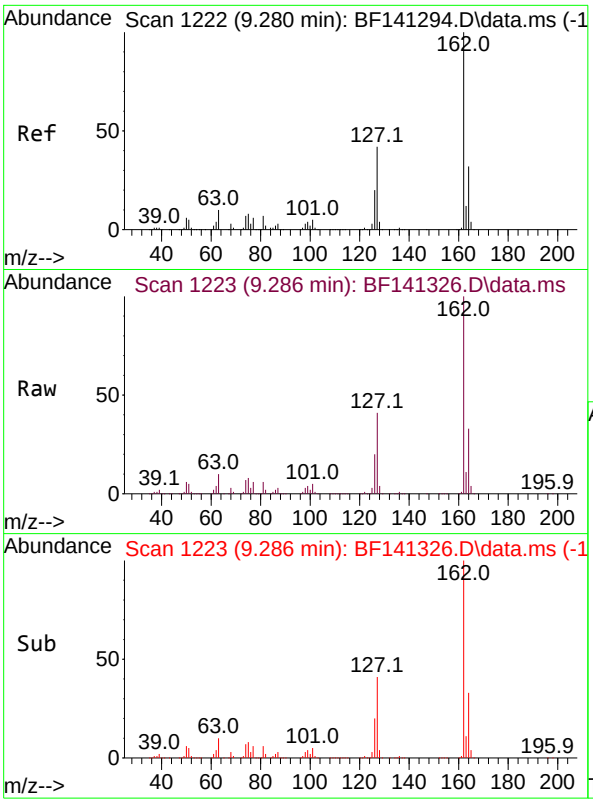


#46
1,1'-Biphenyl
Concen: 40.823 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 1087669

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	13.3	0.0	32.8

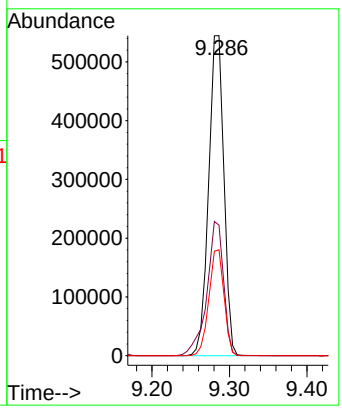




#47
2-Chloronaphthalene
Concen: 35.895 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:162 Resp: 74543

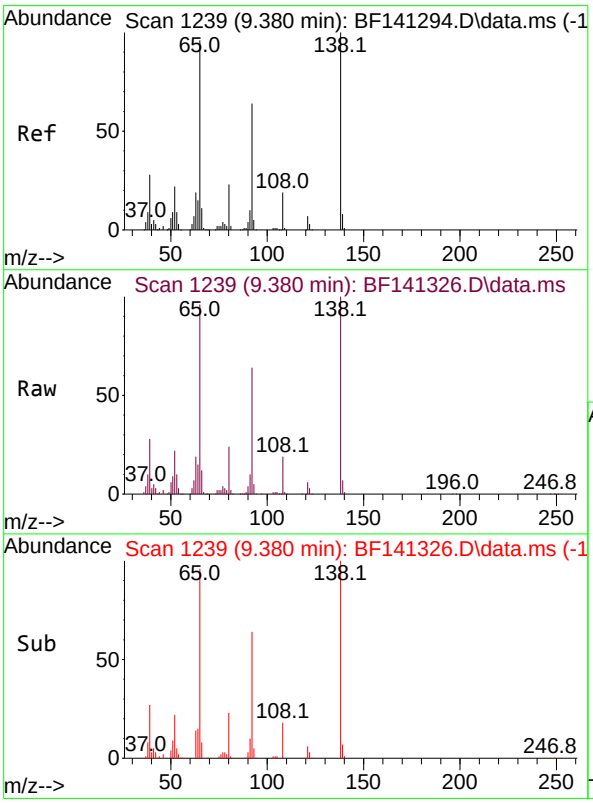
Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.1	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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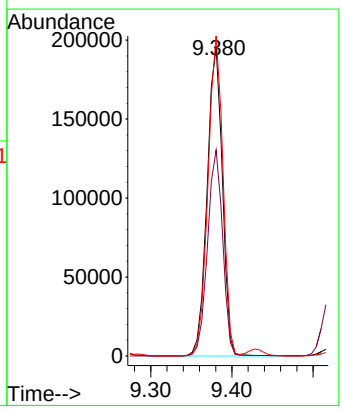
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

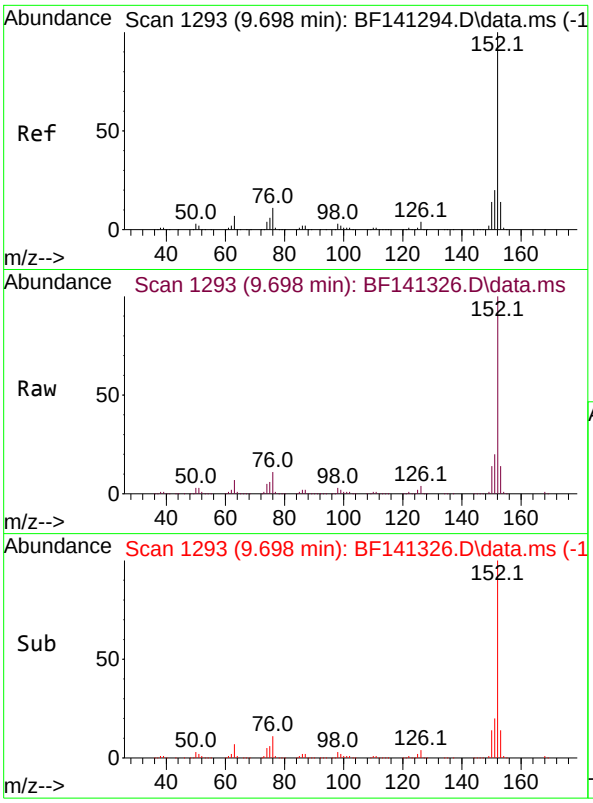


#48
2-Nitroaniline
Concen: 39.006 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 65 Resp: 254788

Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.3	79.9
138	103.7	83.6	125.4

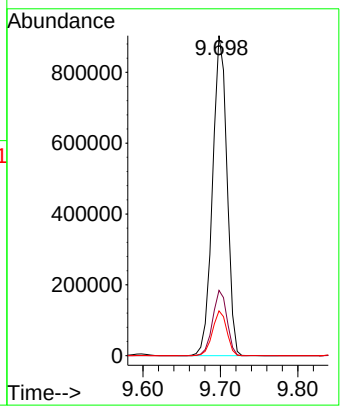




#49
Acenaphthylene
Concen: 40.131 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:152 Resp: 116662

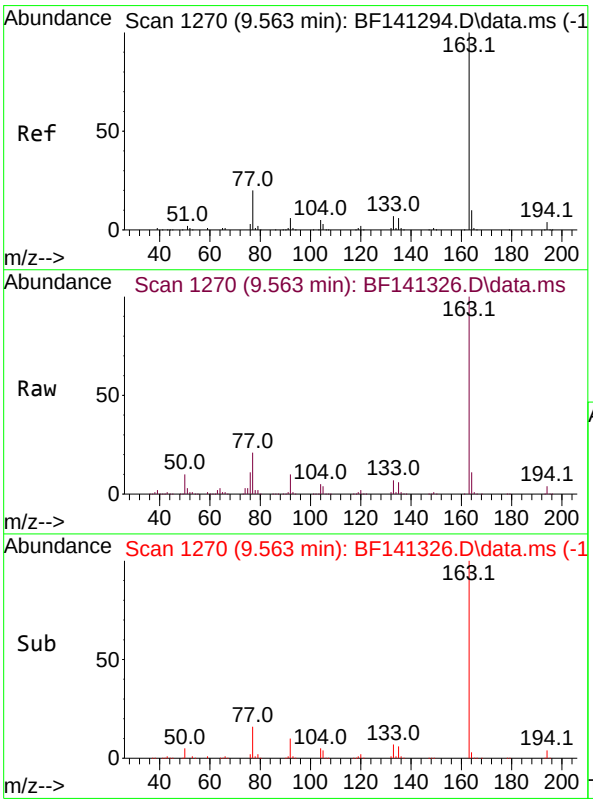
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.0	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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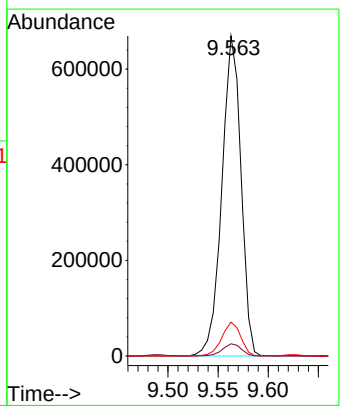
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

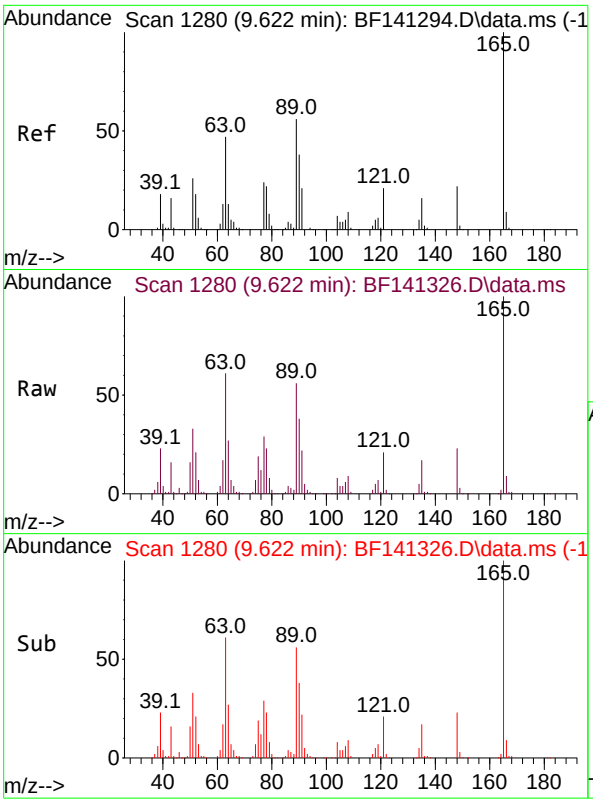


#50
Dimethylphthalate
Concen: 38.417 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:163 Resp: 886423

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

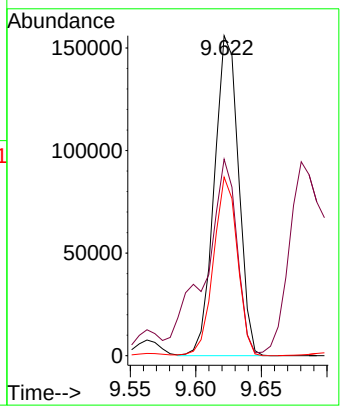
Tgt Ion:165 Resp: 20060

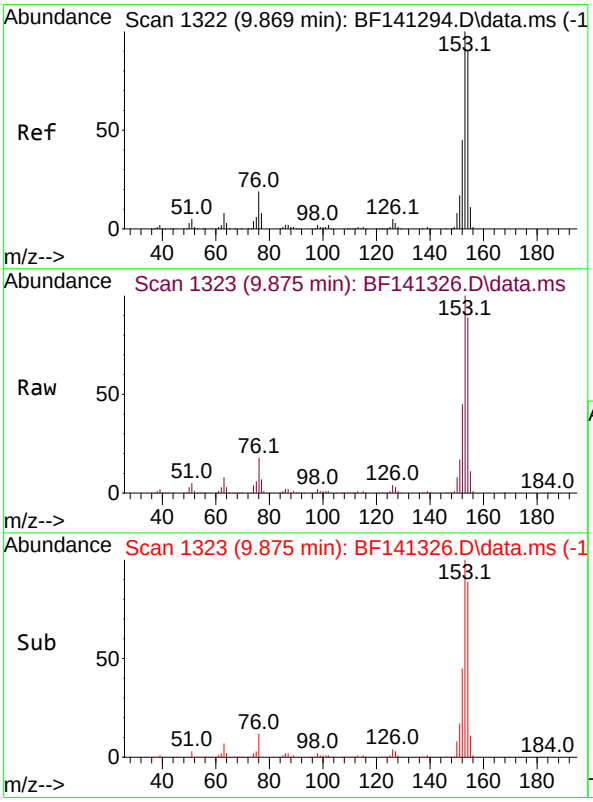
Ion	Ratio	Lower	Upper
165	100		
63	61.4	48.1	72.1
89	55.8	44.9	67.3

Instrument :
BNA_F
ClientSampleId :
PB166363BS

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

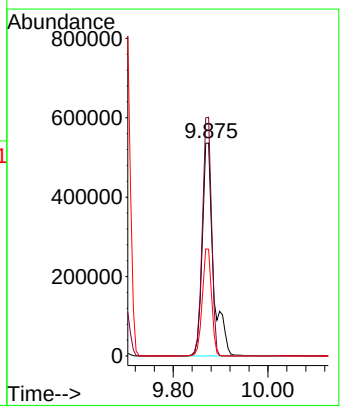


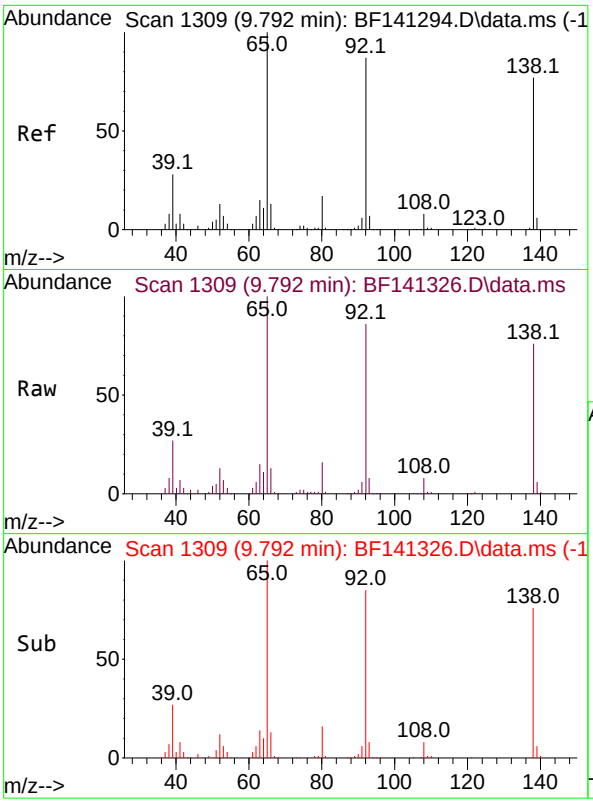


#52
Acenaphthene
Concen: 41.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 871464

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.0	133.4
152	50.1	40.2	60.4





#53
3-Nitroaniline
Concen: 20.511 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

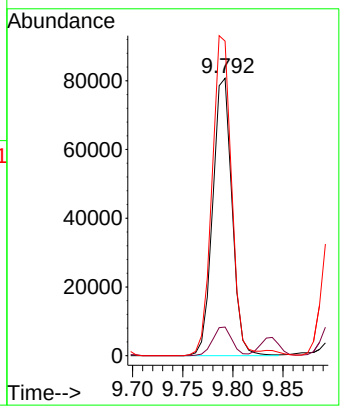
Tgt Ion:138 Resp: 10770

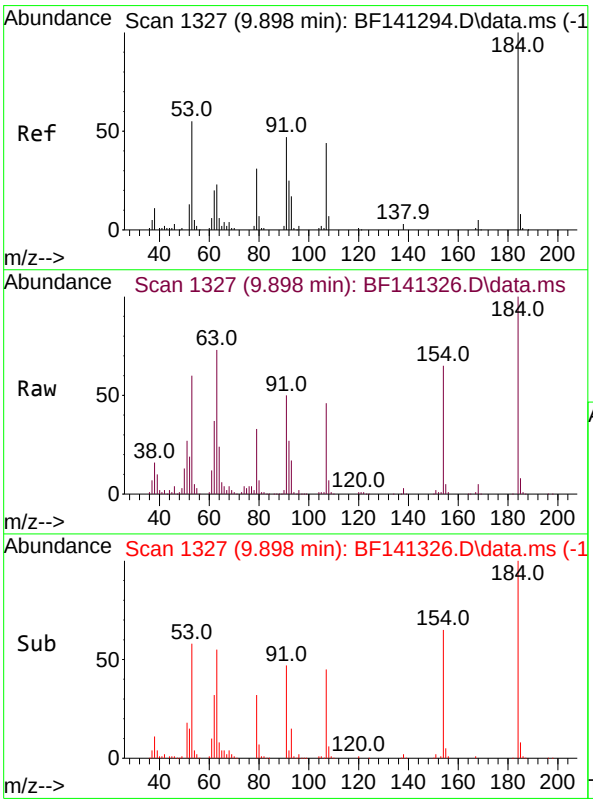
Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	113.4	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

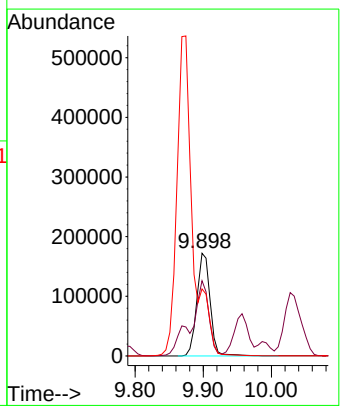


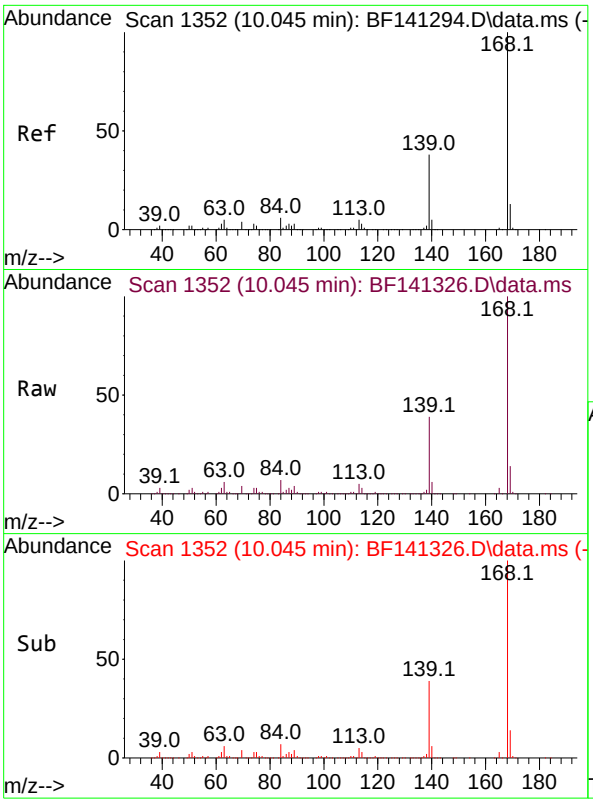


#54
2,4-Dinitrophenol
Concen: 93.602 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:184 Resp: 233111

Ion	Ratio	Lower	Upper
184	100		
63	73.2	54.1	81.1
154	65.2	50.7	76.1

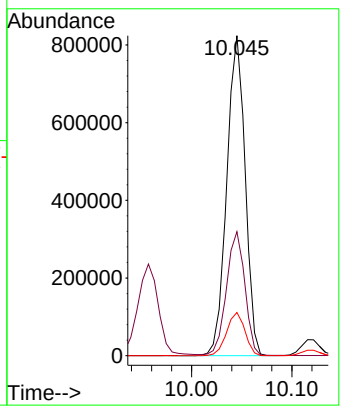




#55
Dibenzofuran
Concen: 37.742 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:168 Resp: 104917

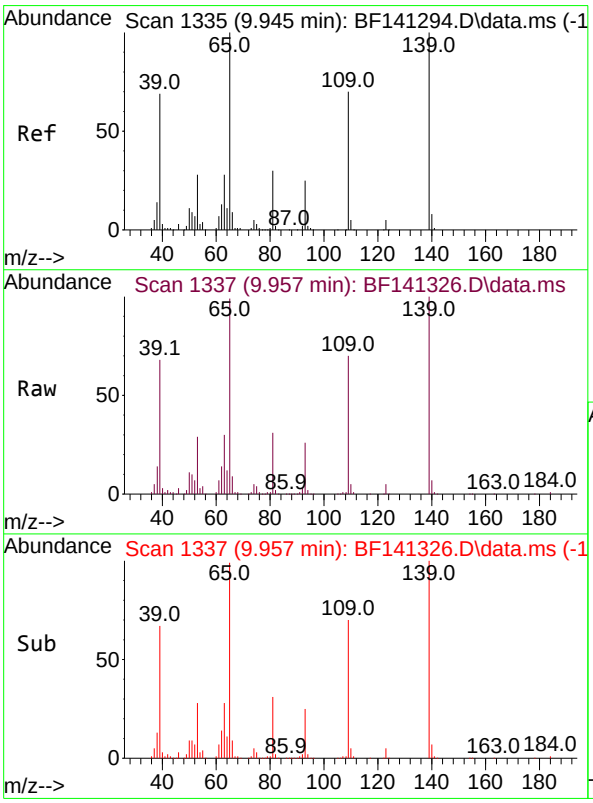
Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	46.0
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

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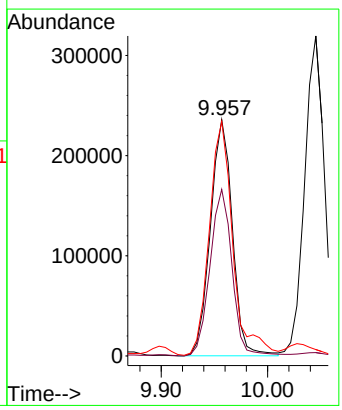
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

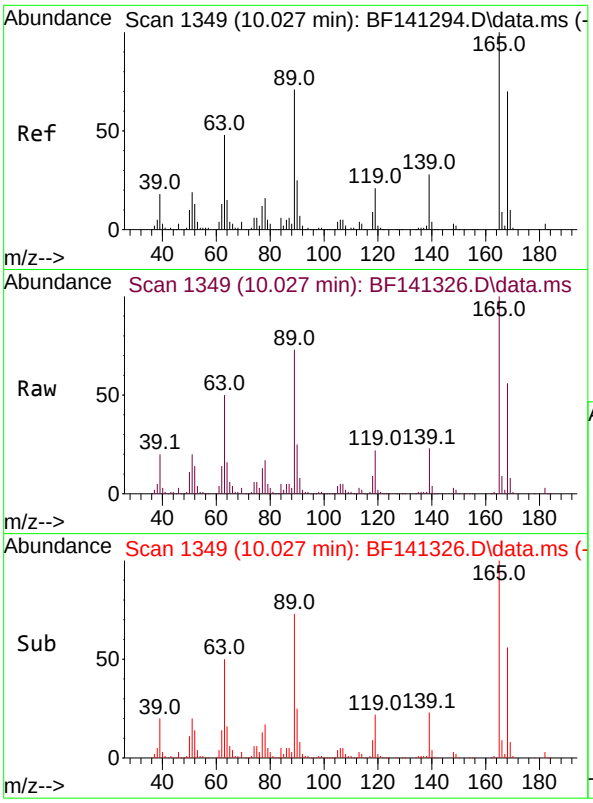


#56
4-Nitrophenol
Concen: 87.919 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 337626

Ion	Ratio	Lower	Upper
139	100		
109	70.5	50.2	90.2
65	99.2	80.6	120.6

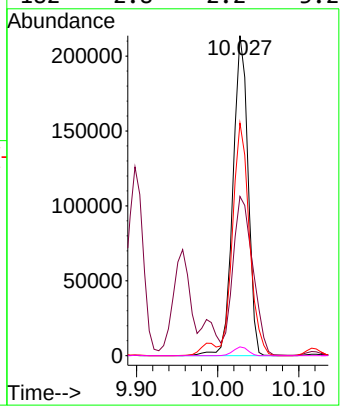




#57
2,4-Dinitrotoluene
Concen: 39.763 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:165 Resp: 27581

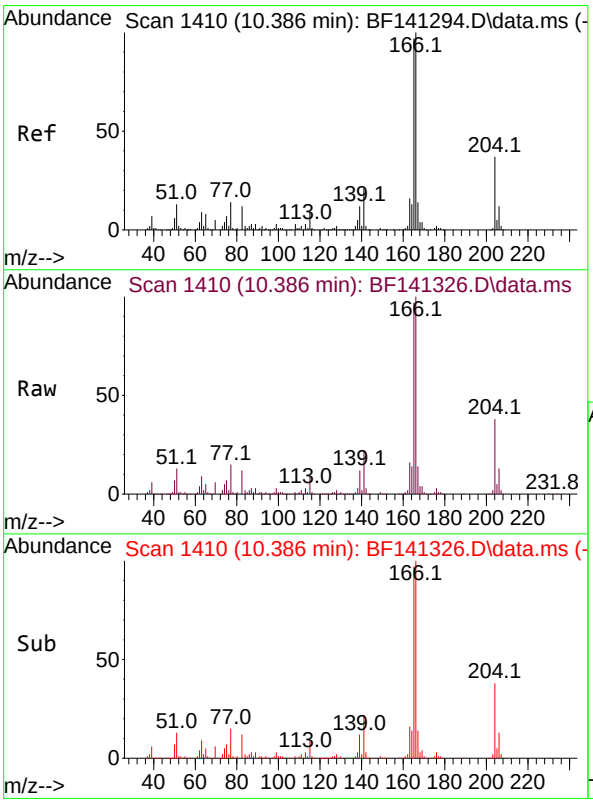
Ion	Ratio	Lower	Upper
165	100		
63	49.8	39.2	58.8
89	72.7	56.9	85.3
182	2.8	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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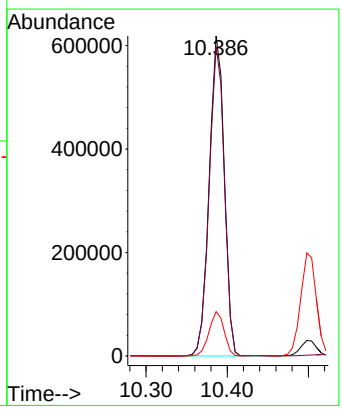
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

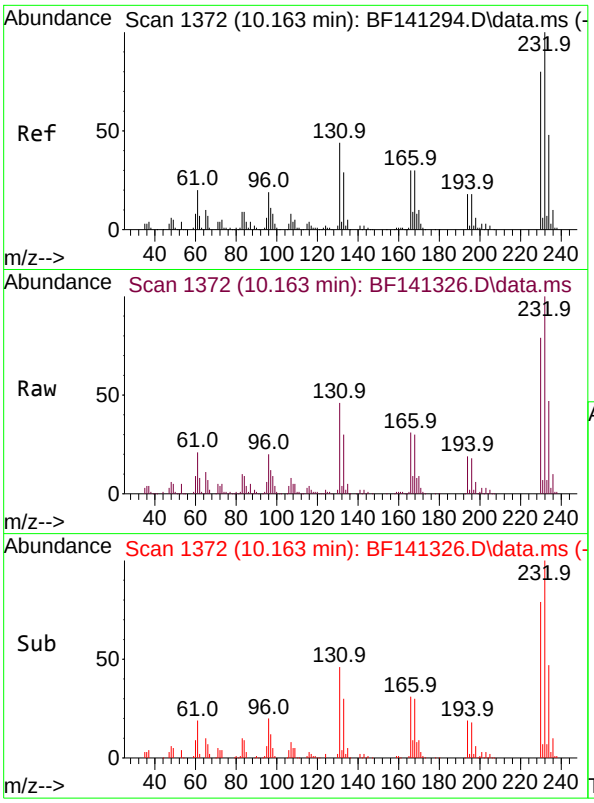


#58
Fluorene
Concen: 37.071 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:166 Resp: 799362

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.5	116.3
167	13.8	10.9	16.3

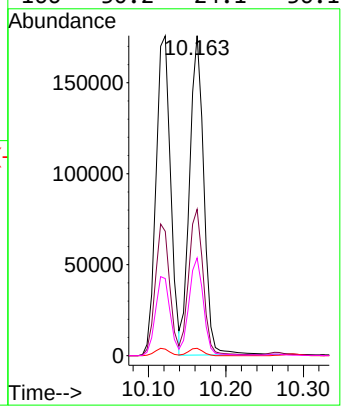




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.280 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:232 Resp: 22485

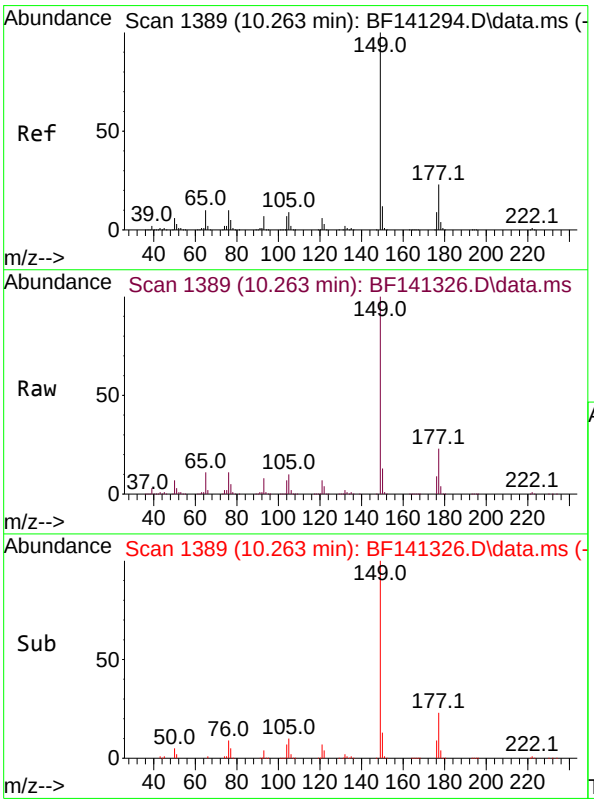
Ion	Ratio	Lower	Upper
232	100		
131	46.7	36.4	54.6
130	2.3	1.9	2.9
166	30.2	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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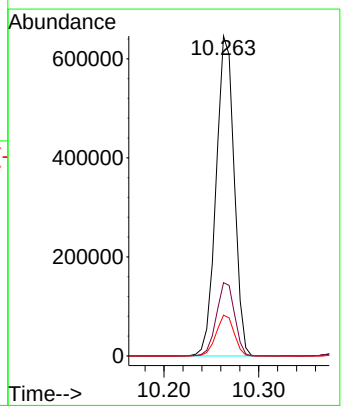
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

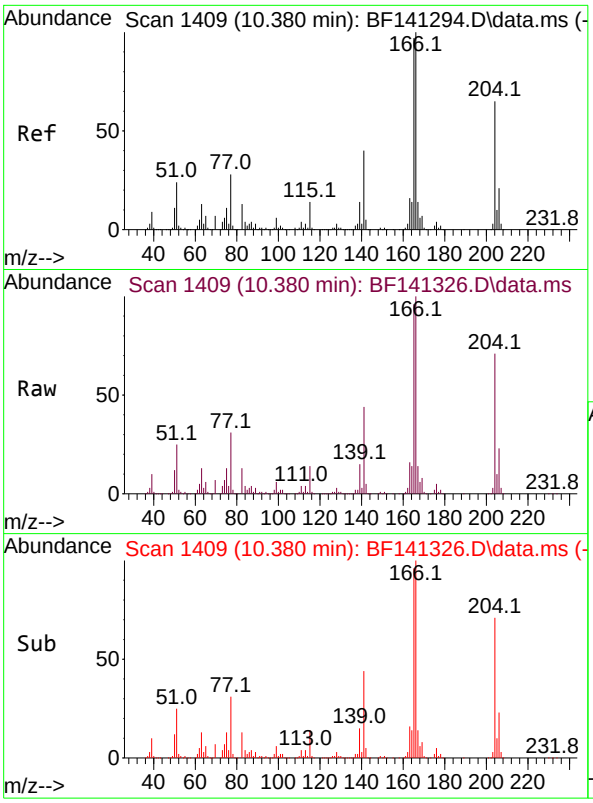


#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 857103

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.8	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 36.243 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

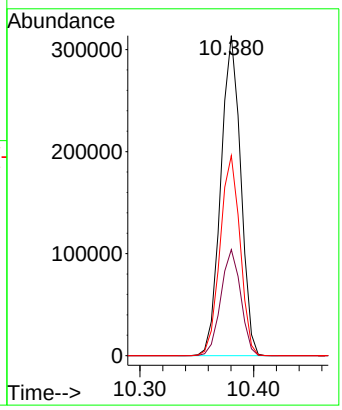
Instrument :
BNA_F
ClientSampleId :
PB166363BS

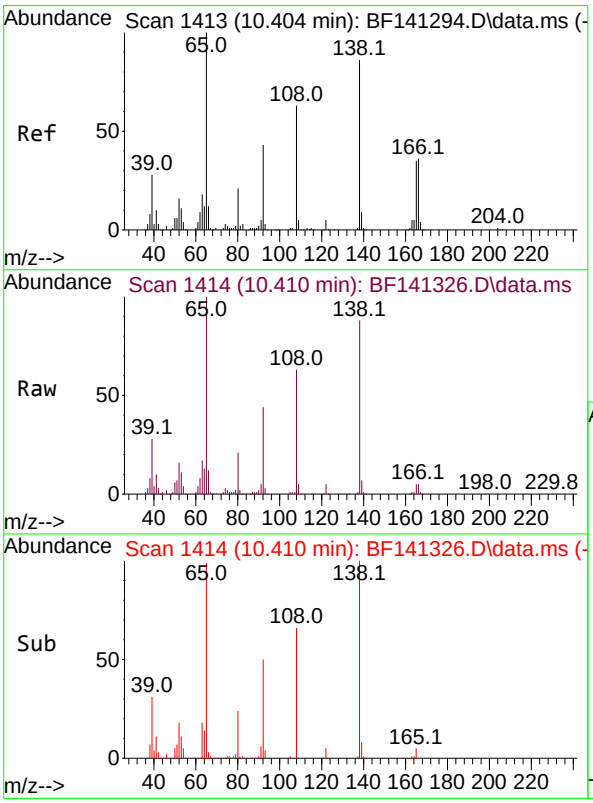
Tgt Ion:204 Resp: 38174

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	62.5	49.5	74.3

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Reviewed By :Jagrut Upadhyay 02/03/2025
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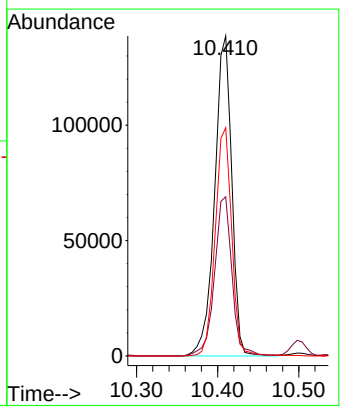


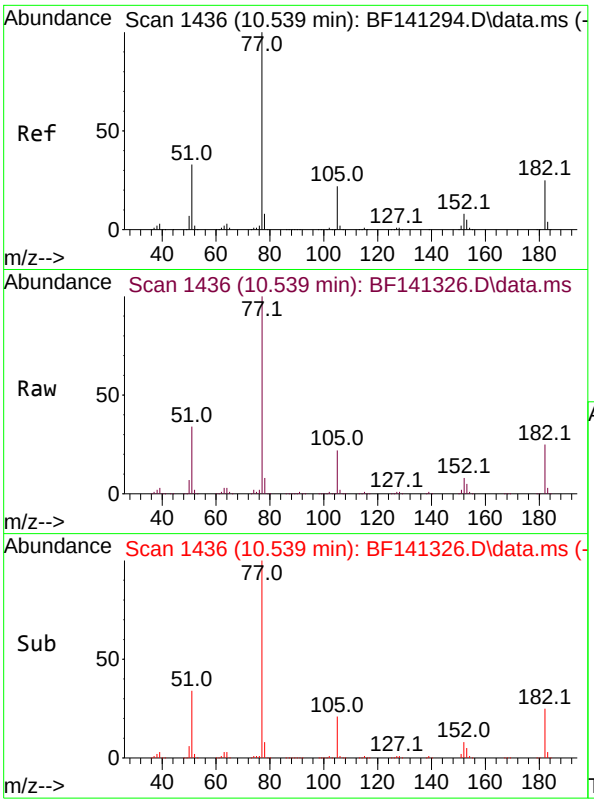


#62
4-Nitroaniline
Concen: 39.336 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:138 Resp: 203068

Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.1	70.1
108	71.3	53.1	93.1

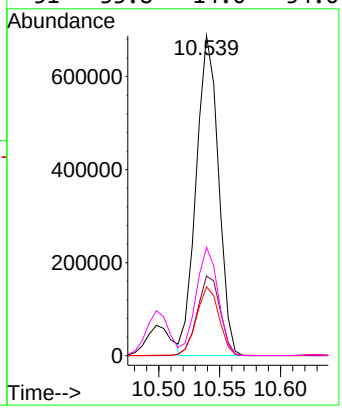




#63
Azobenzene
Concen: 39.082 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

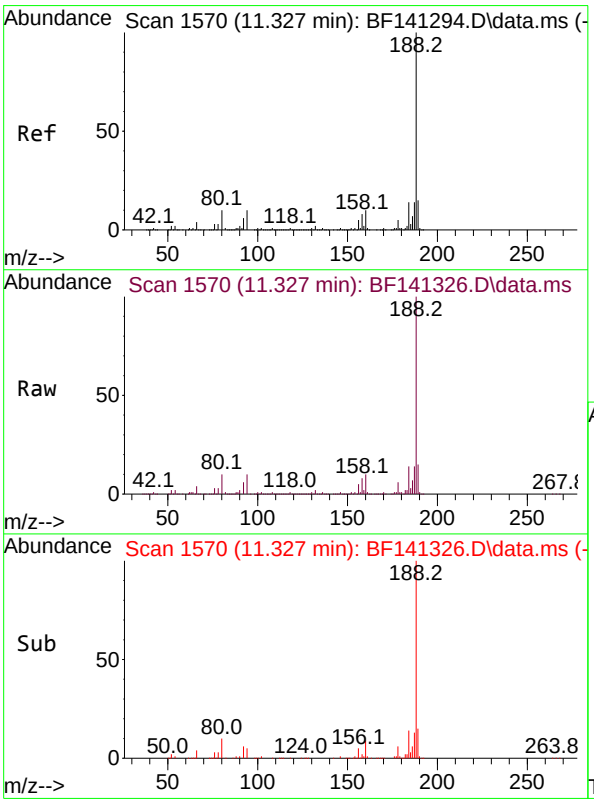
Tgt Ion: 77 Resp: 87523

Ion	Ratio	Lower	Upper
77	100		
182	24.9	5.1	45.1
105	21.5	1.8	41.8
51	33.8	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
PB166363BS

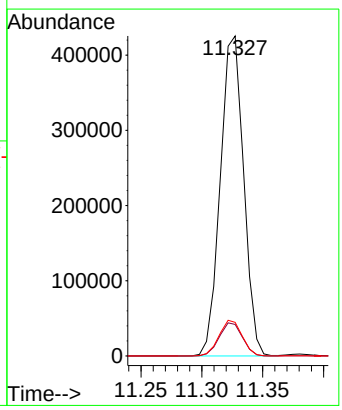
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

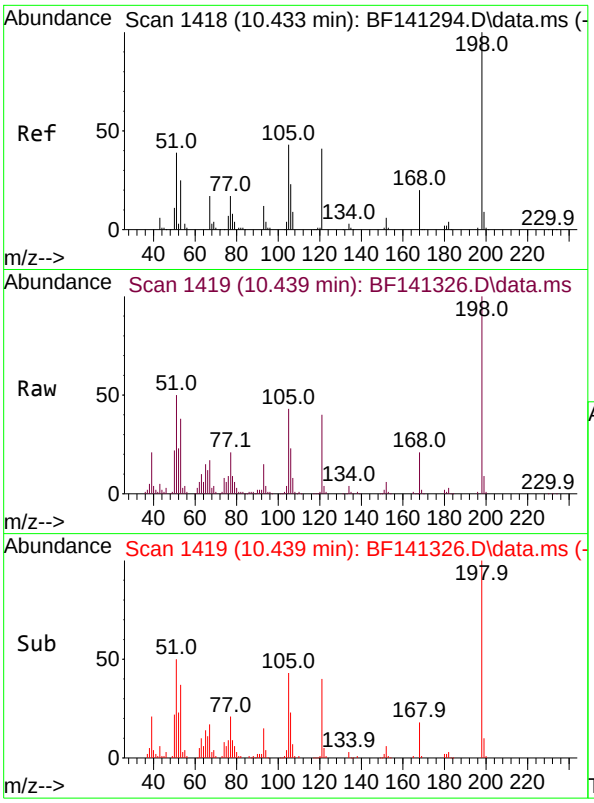


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:188 Resp: 567661

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.5	8.2	12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

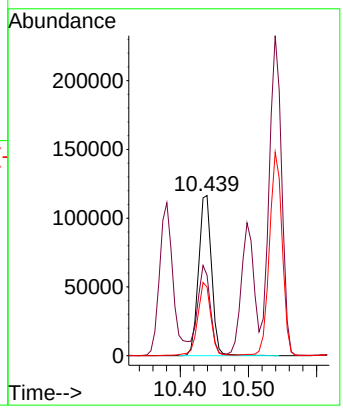
Tgt Ion:198 Resp: 15423

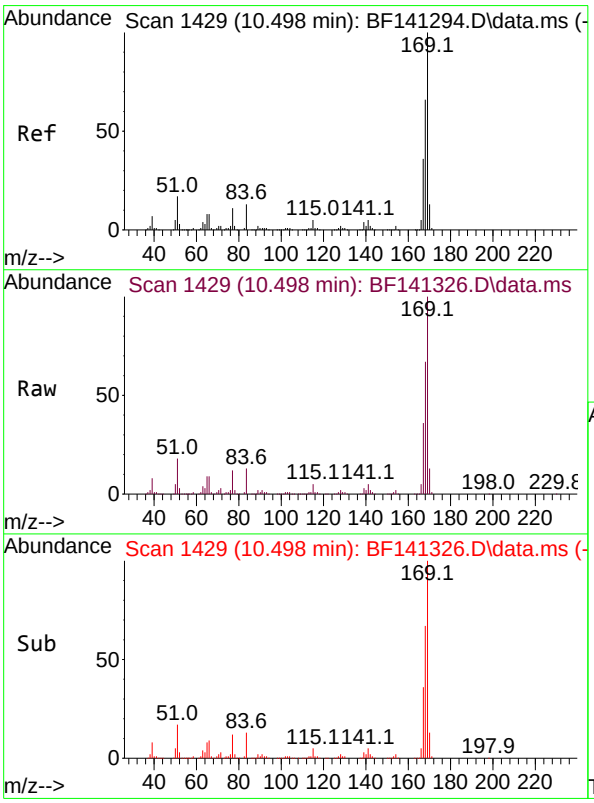
Ion	Ratio	Lower	Upper
198	100		
51	50.3	33.4	73.4
105	42.9	24.4	64.4

Instrument :
BNA_F
ClientSampleId :
PB166363BS

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

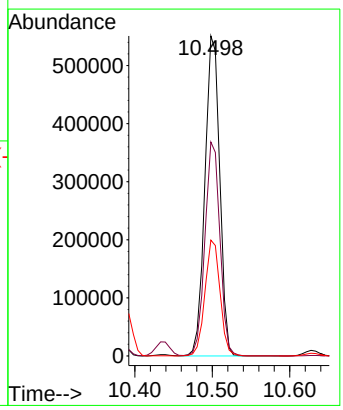


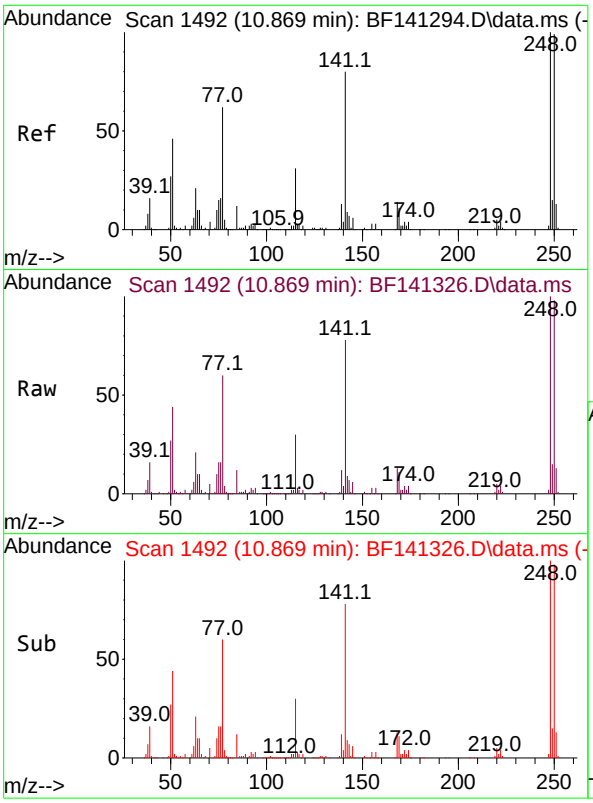


#66
n-Nitrosodiphenylamine
Concen: 39.799 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:169 Resp: 730726

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	36.2	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 39.548 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

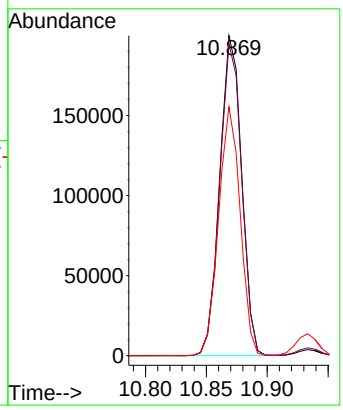
Tgt Ion:248 Resp: 25133

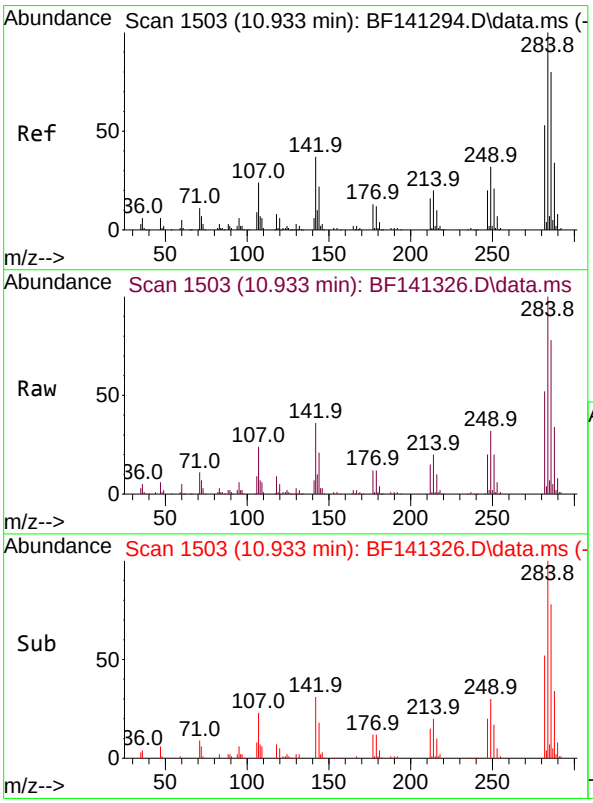
Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.0	118.4
141	77.8	63.7	95.5

Instrument :
BNA_F
ClientSampleId :
PB166363BS

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

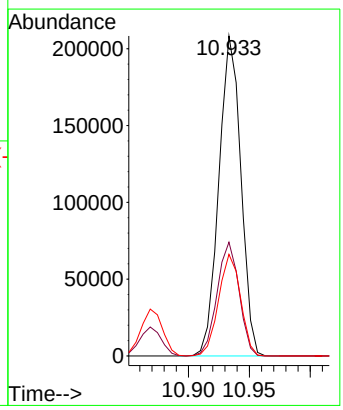


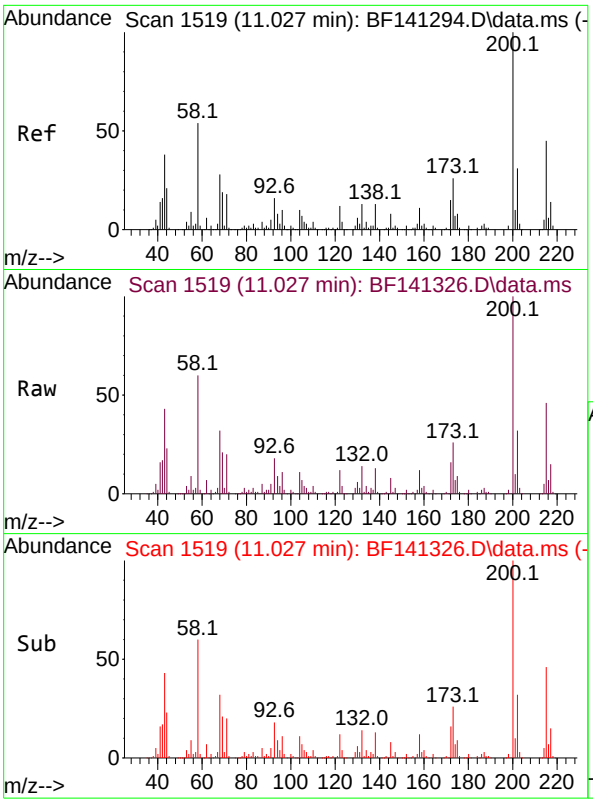


#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:284 Resp: 262205

Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.5	44.3
249	31.8	25.4	38.2

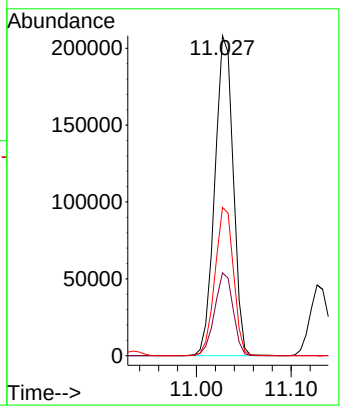




#69
Atrazine
Concen: 45.789 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:200 Resp: 28108

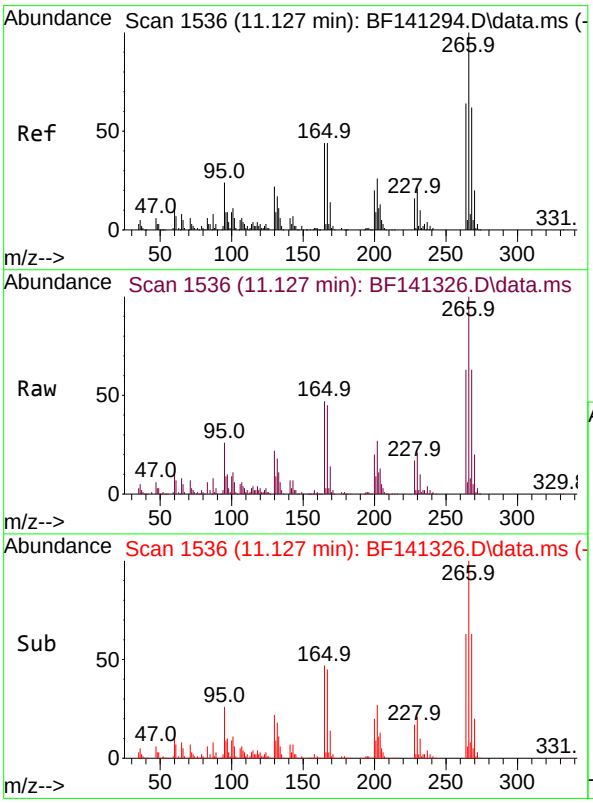
Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	46.4	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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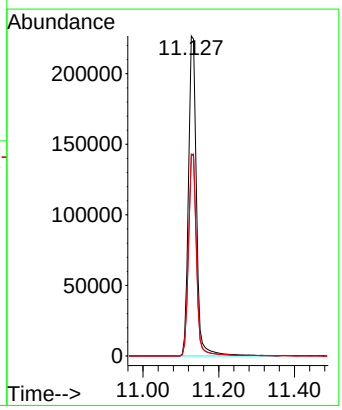
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

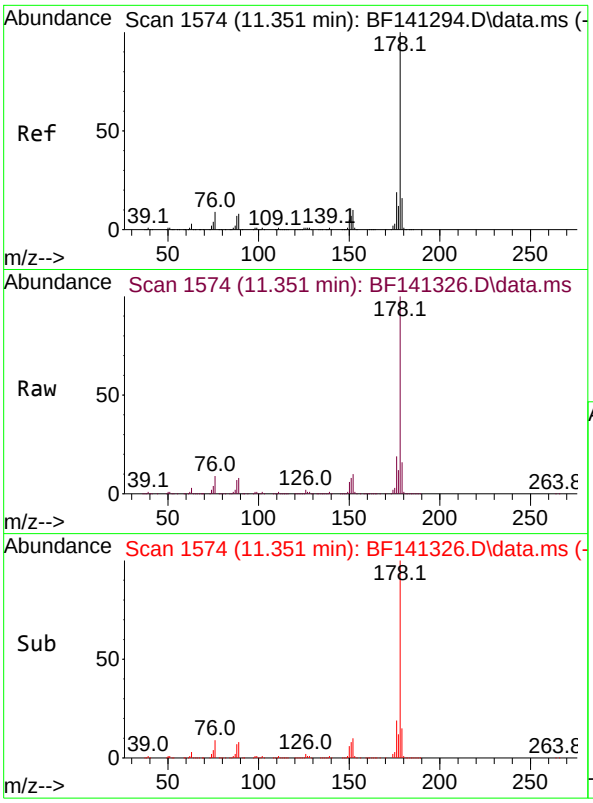


#70
Pentachlorophenol
Concen: 84.175 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:266 Resp: 332283

Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.9	74.9
264	63.1	51.0	76.4

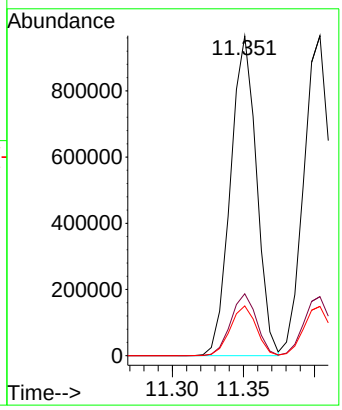




#71
Phenanthrene
Concen: 40.230 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:178 Resp: 122758

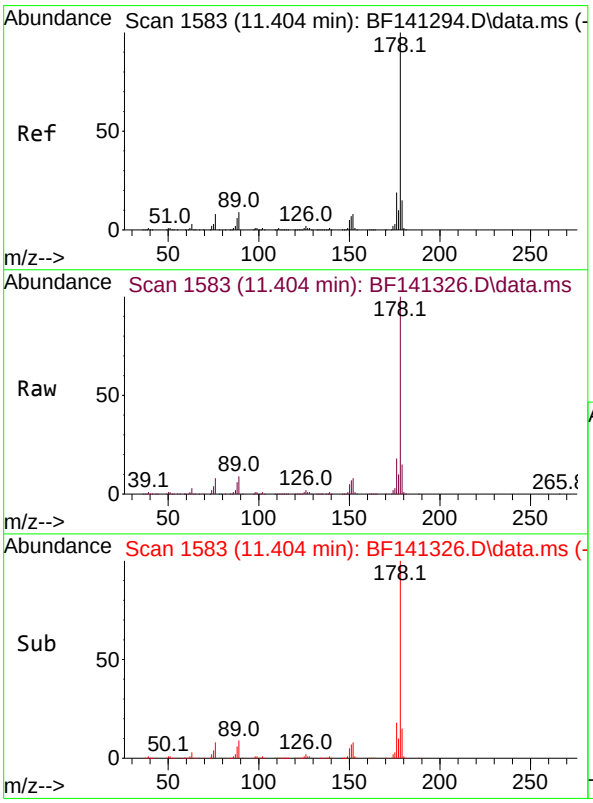
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
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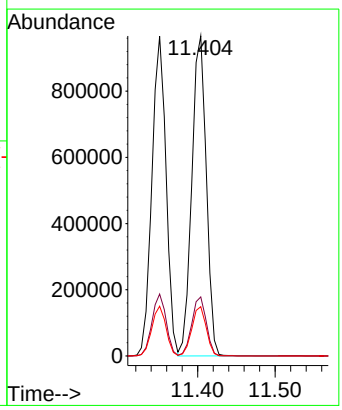
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

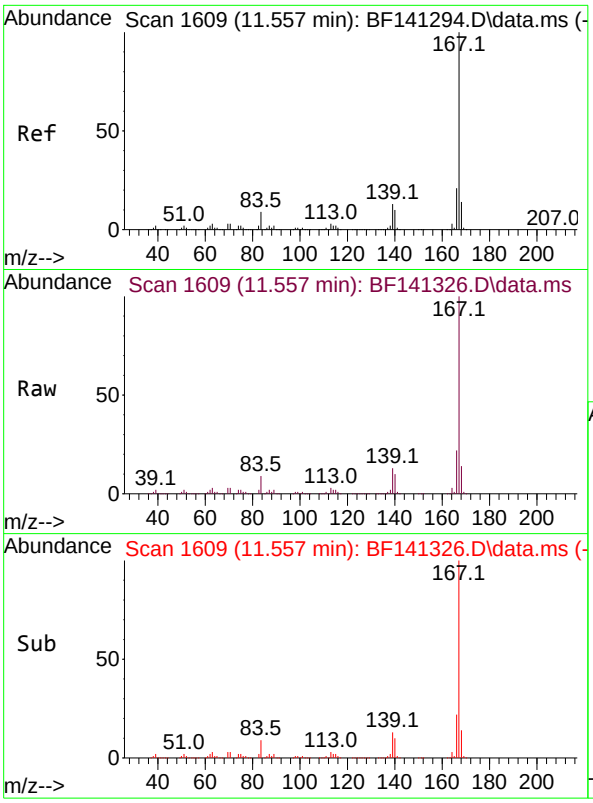


#72
Anthracene
Concen: 41.915 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:178 Resp: 1253177

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.4	12.3	18.5

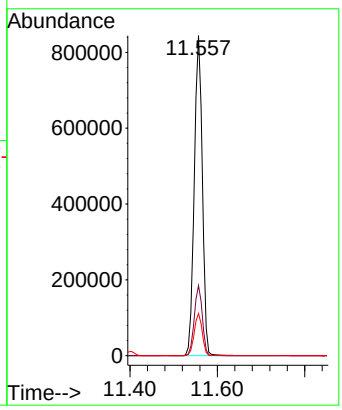




#73
Carbazole
Concen: 40.941 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:167 Resp: 108541

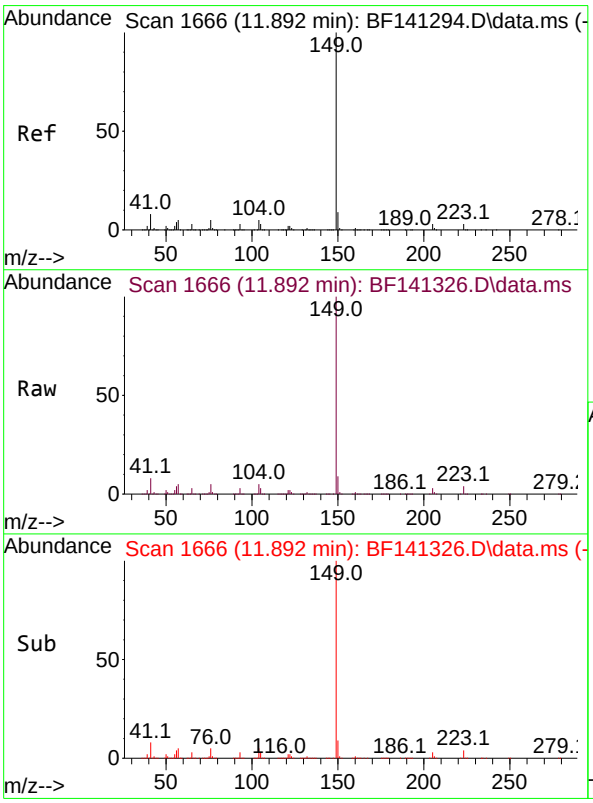
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

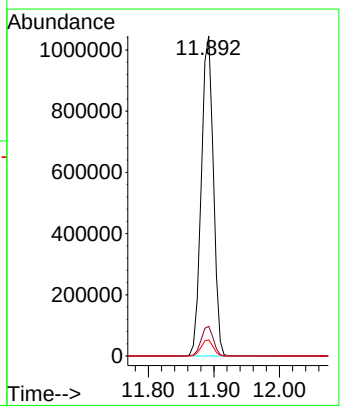
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

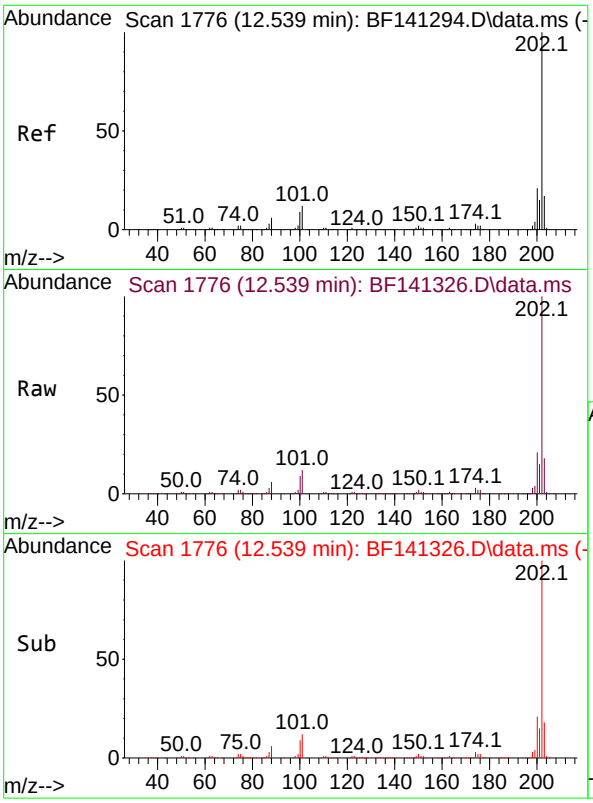


#74
Di-n-butylphthalate
Concen: 41.666 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 1338697

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

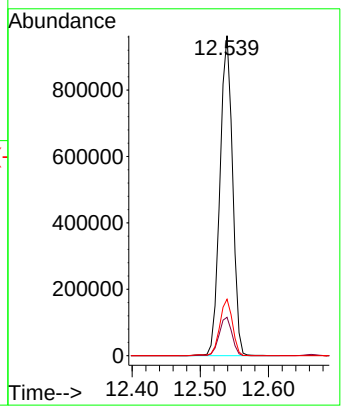




#75
Fluoranthene
Concen: 41.272 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:202 Resp: 124350

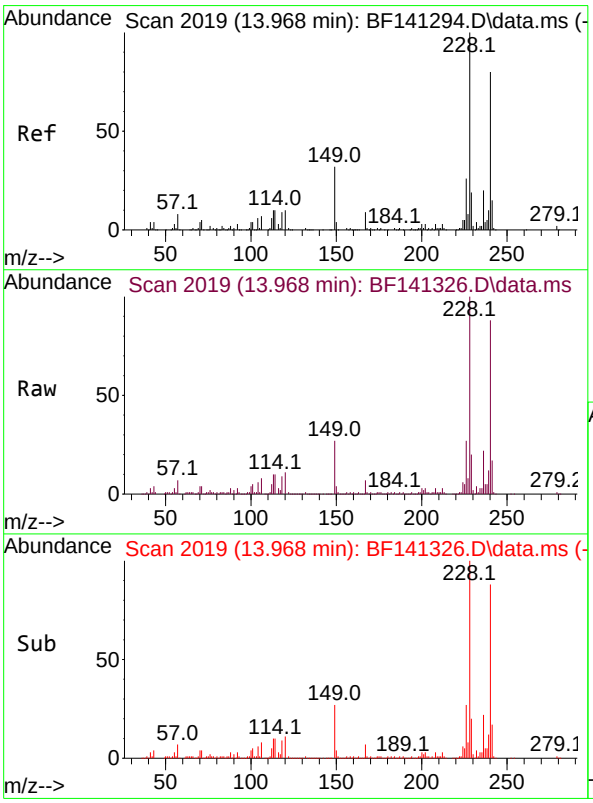
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.7	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

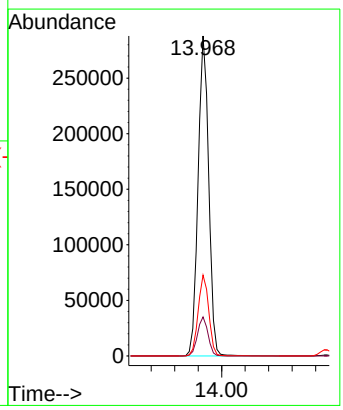
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

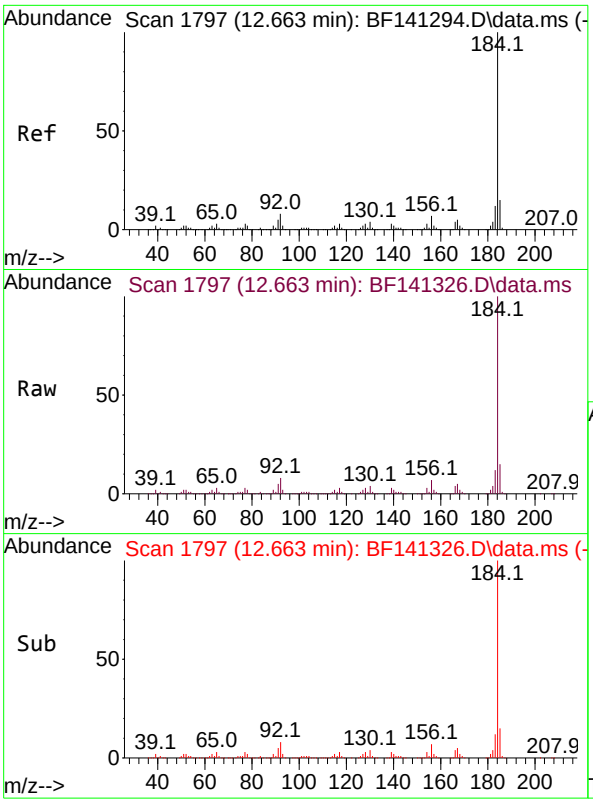


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:240 Resp: 360251

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.0	15.0
236	25.3	19.7	29.5

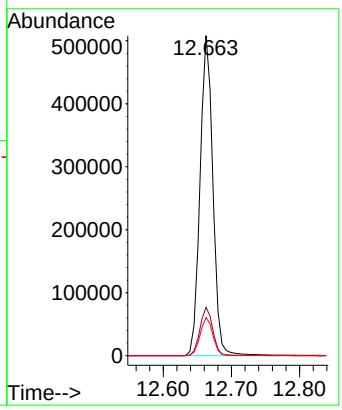




#77
Benzidine
Concen: 57.740 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:184 Resp: 66684

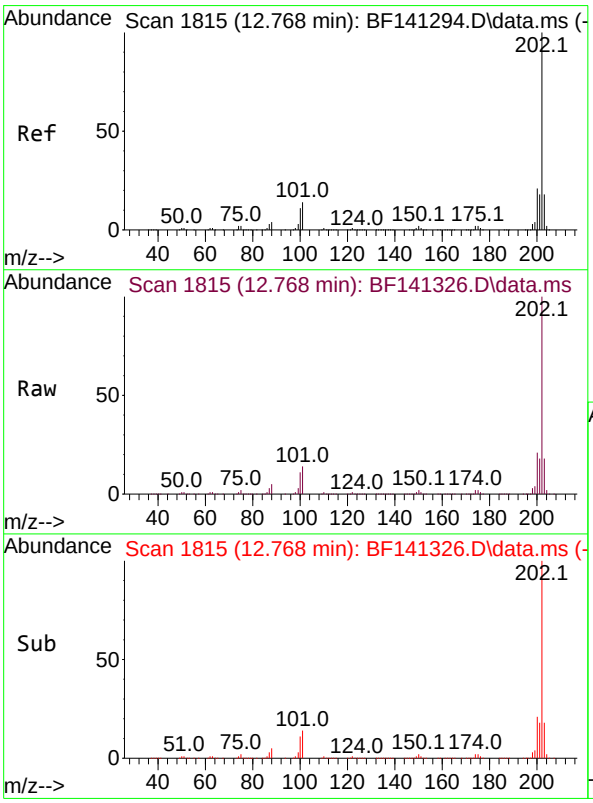
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.9	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

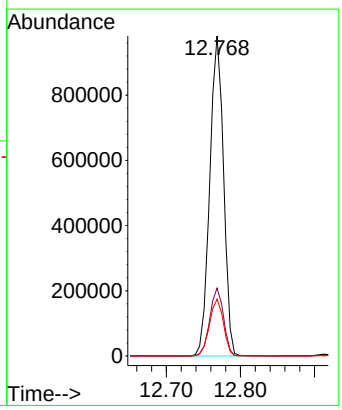
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

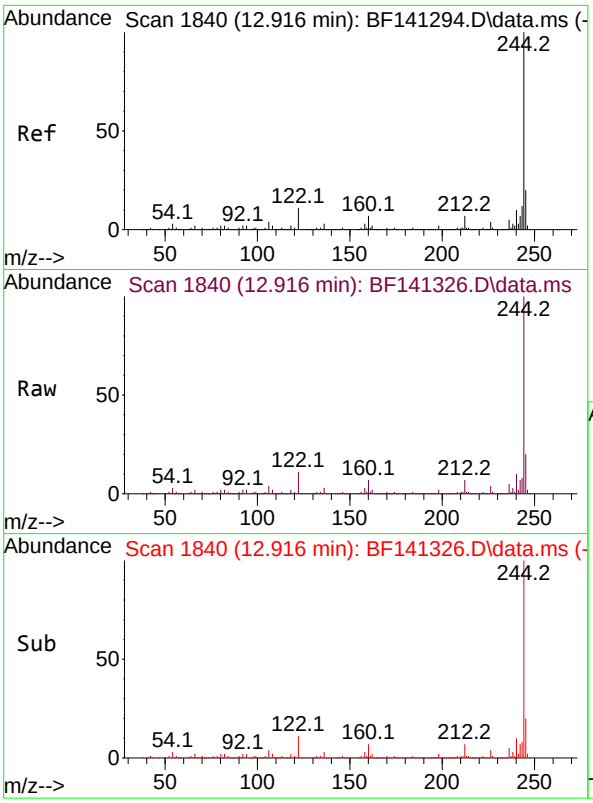


#78
Pyrene
Concen: 36.667 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:202 Resp: 1267965

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	14.3	21.5

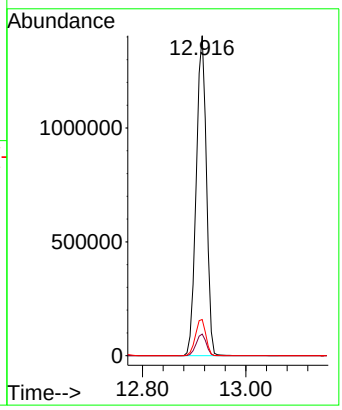




#79
Terphenyl-d14
Concen: 82.328 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:244 Resp: 192316

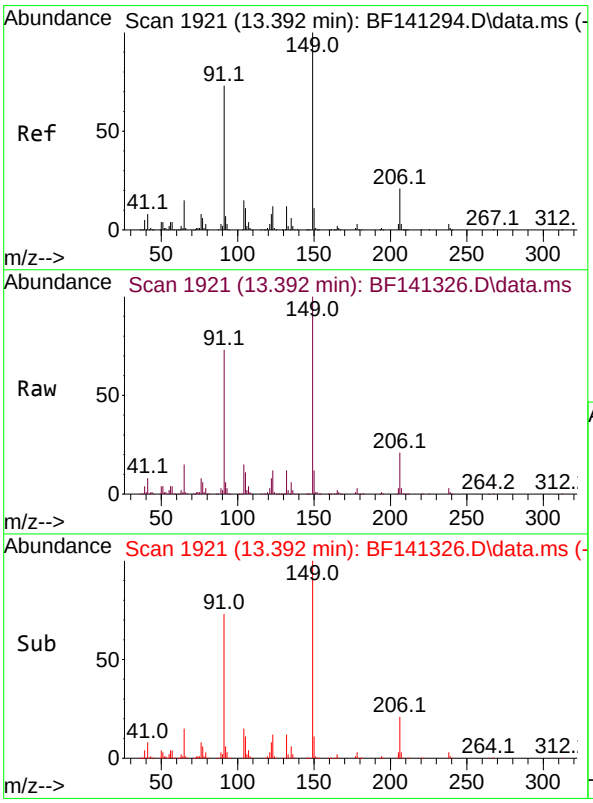
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

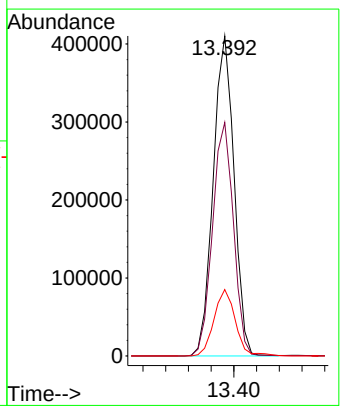
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

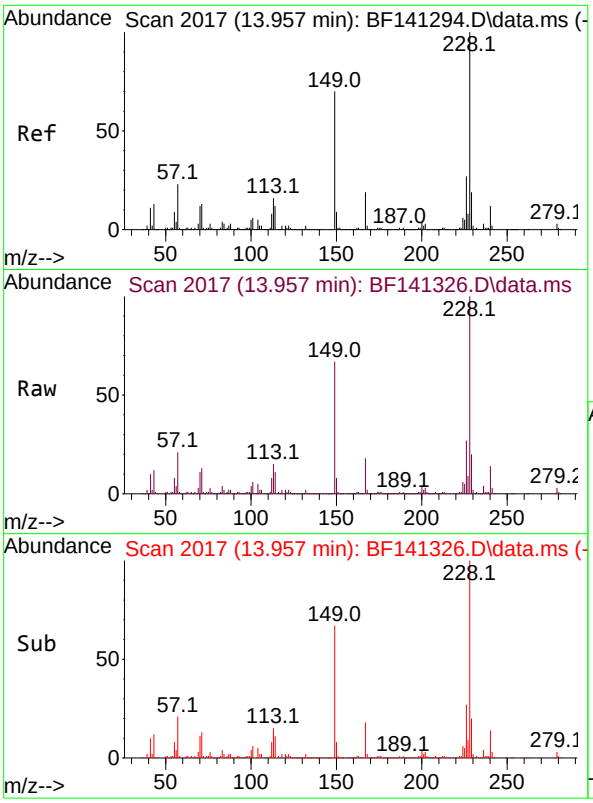


#80
Butylbenzylphthalate
Concen: 43.249 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 522487

Ion	Ratio	Lower	Upper
149	100		
91	73.0	58.6	87.8
206	20.7	16.7	25.1

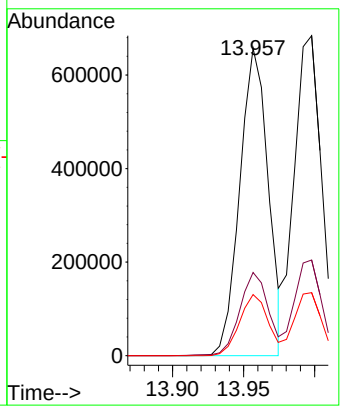




#81
Benzo(a)anthracene
Concen: 36.874 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:228 Resp: 91665

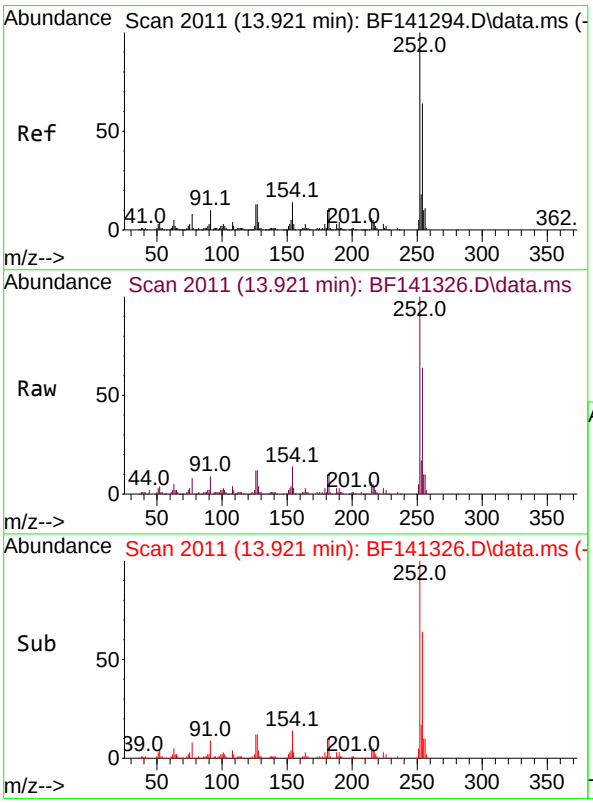
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.9	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

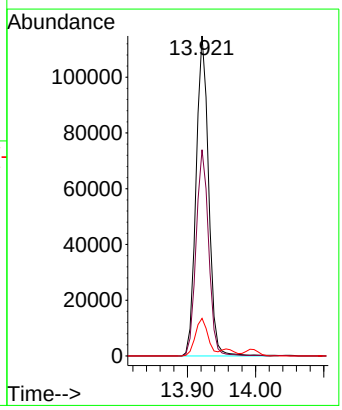
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

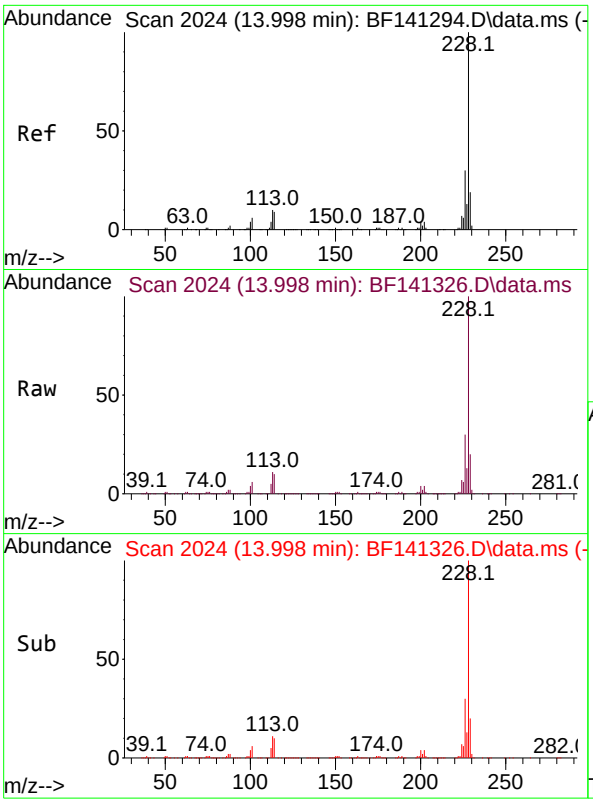


#82
3,3'-Dichlorobenzidine
Concen: 18.609 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 147134

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	11.8	10.0	15.0

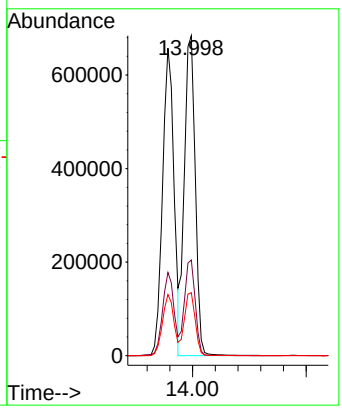




#83
Chrysene
Concen: 40.038 ng
RT: 13.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:228 Resp: 91217

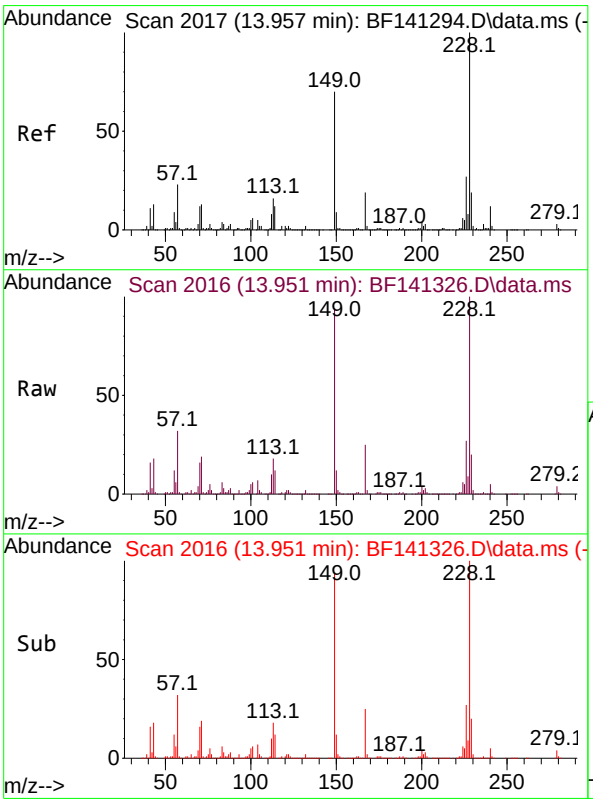
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

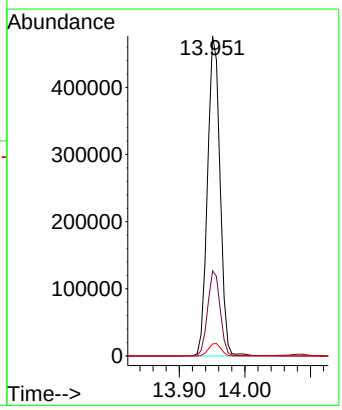
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

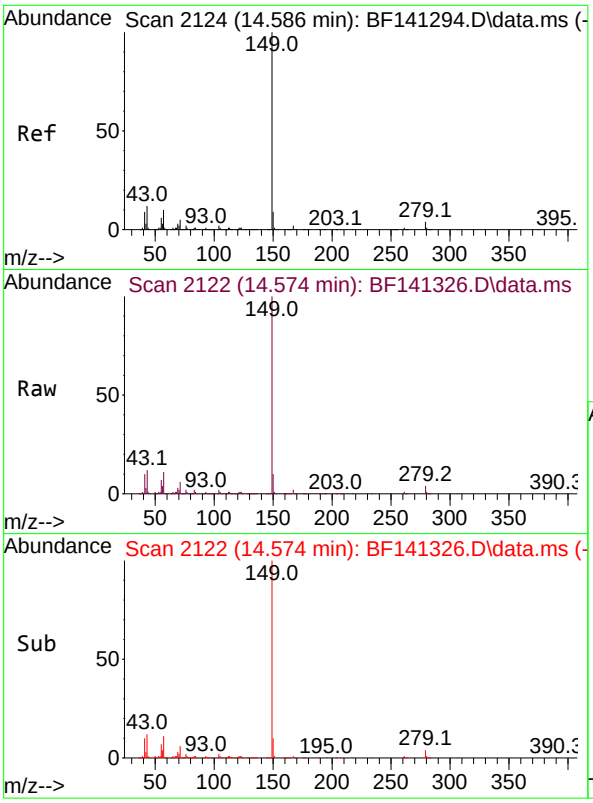


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.219 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 631697

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.8	3.3	4.9

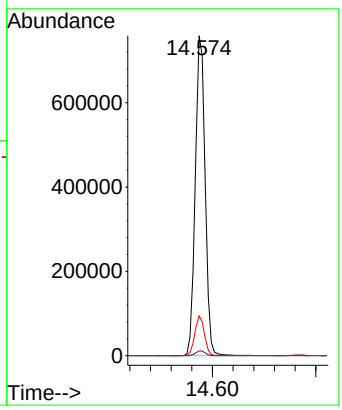




#85
Di-n-octyl phthalate
Concen: 42.094 ng
RT: 14.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 100196

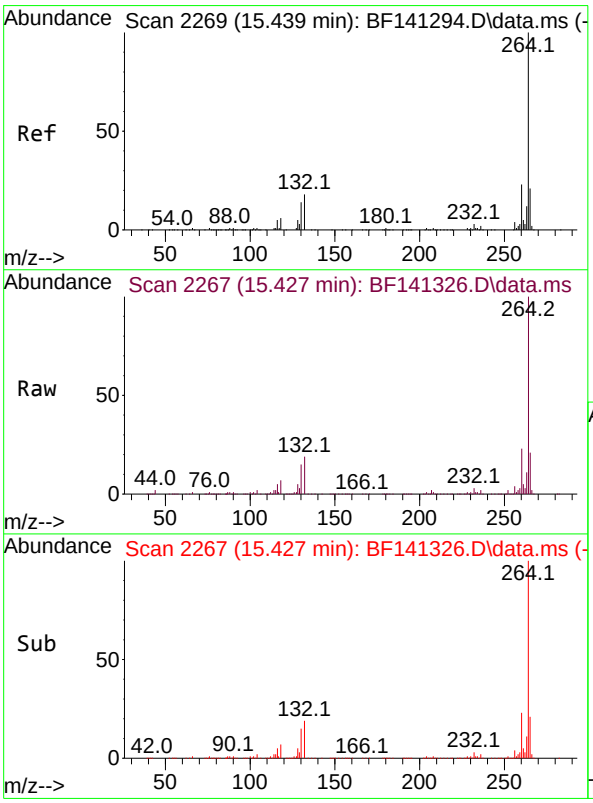
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations APPROVED

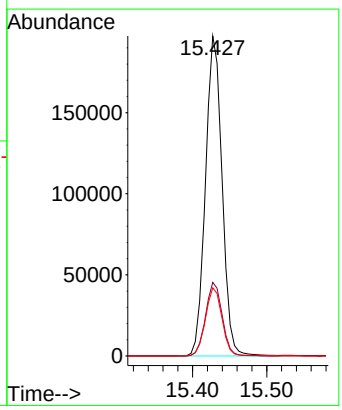
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

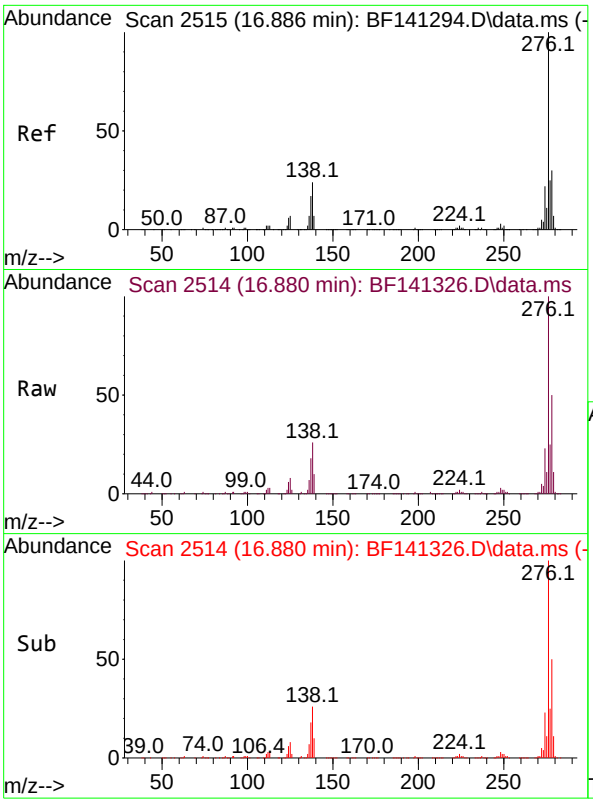


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:264 Resp: 306952

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	16.7	25.1

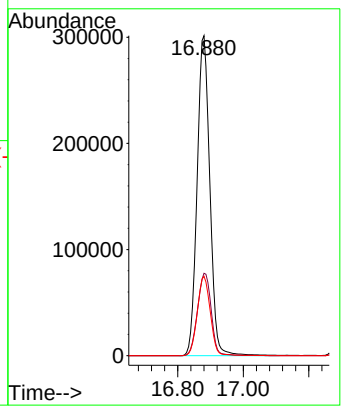




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.185 ng
RT: 16.880 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 81592

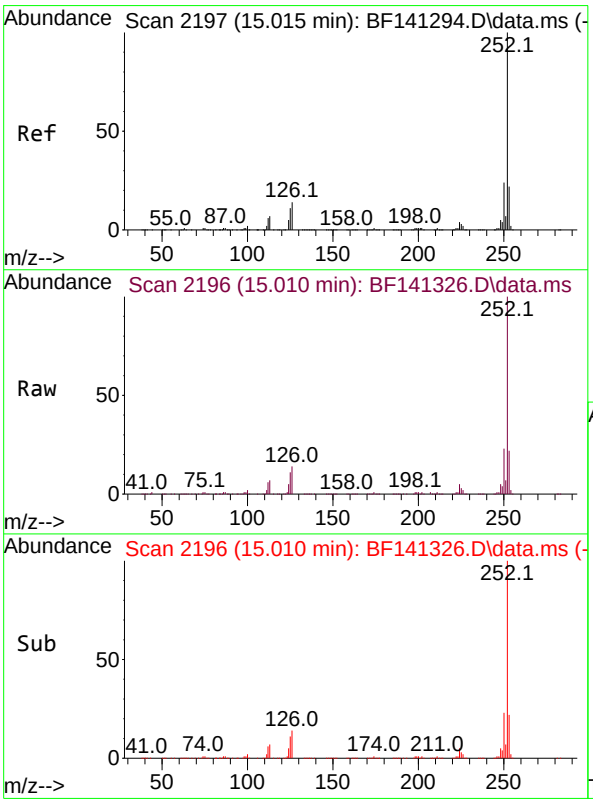
Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.7	32.5
277	25.4	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

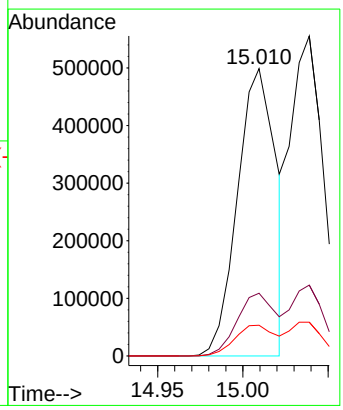
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

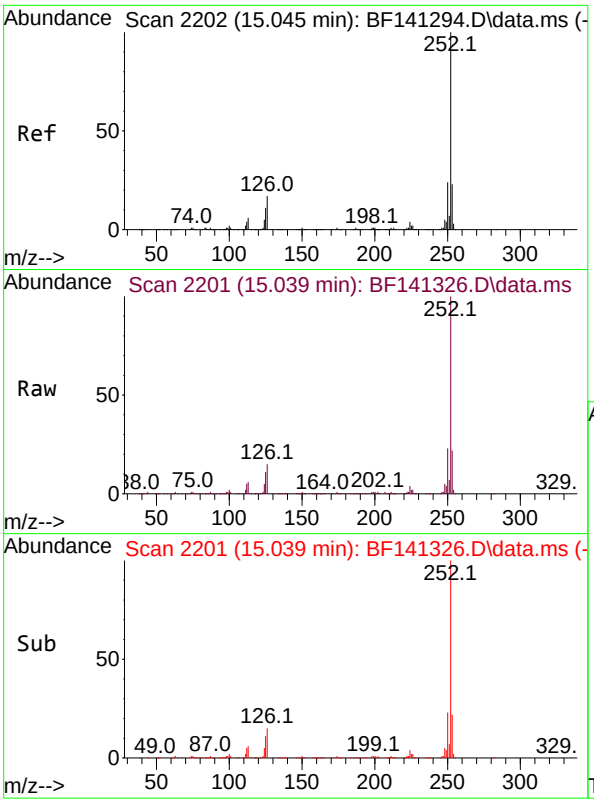


#88
Benzo(b)fluoranthene
Concen: 40.272 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 777569

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.7	8.6	12.8

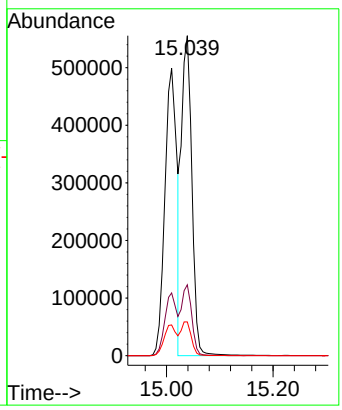




#89
Benzo(k)fluoranthene
Concen: 44.103 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 75436

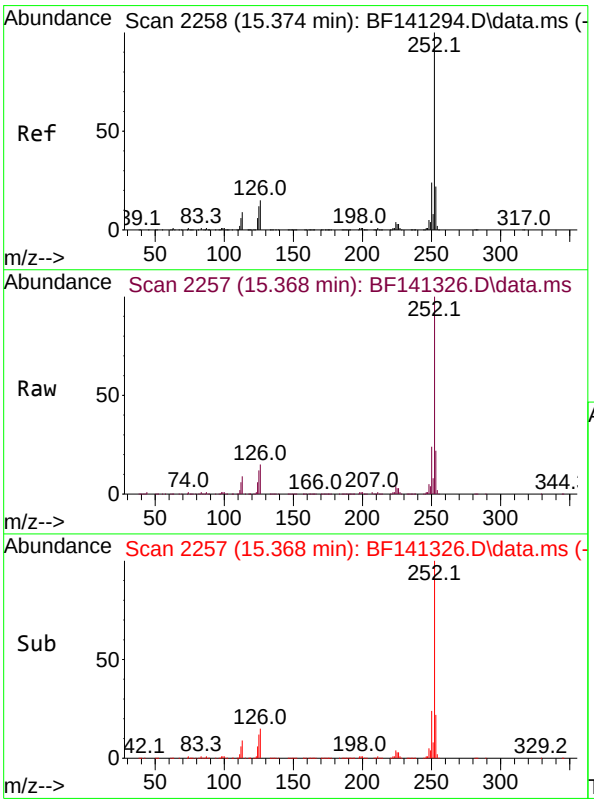
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

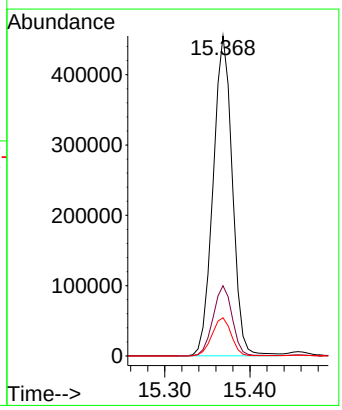
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

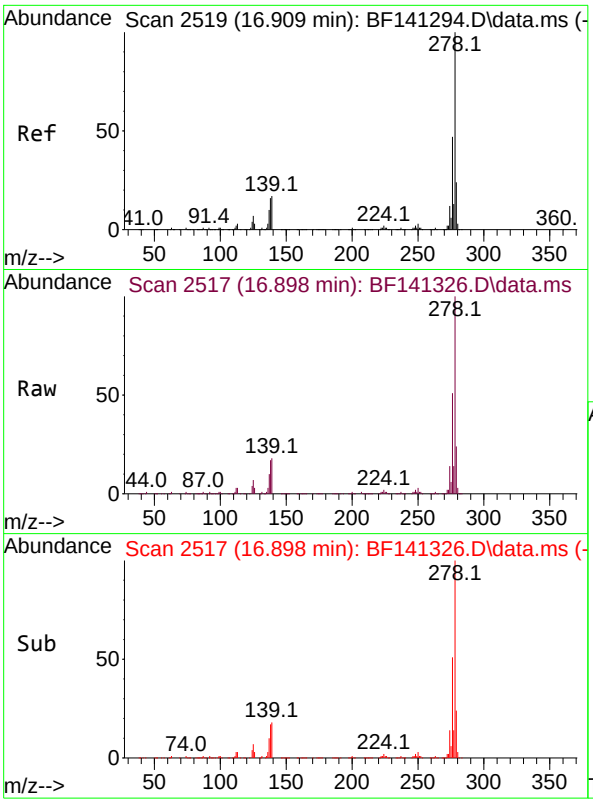


#90
Benzo(a)pyrene
Concen: 43.735 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 713591

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.9	9.4	14.2

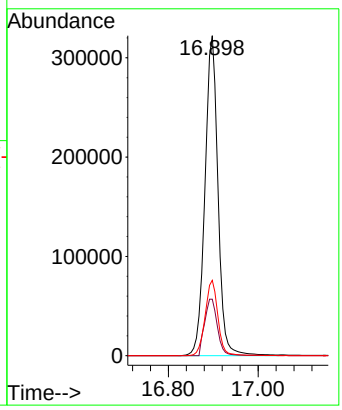




#91
Dibenzo(a,h)anthracene
Concen: 40.839 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:278 Resp: 65092

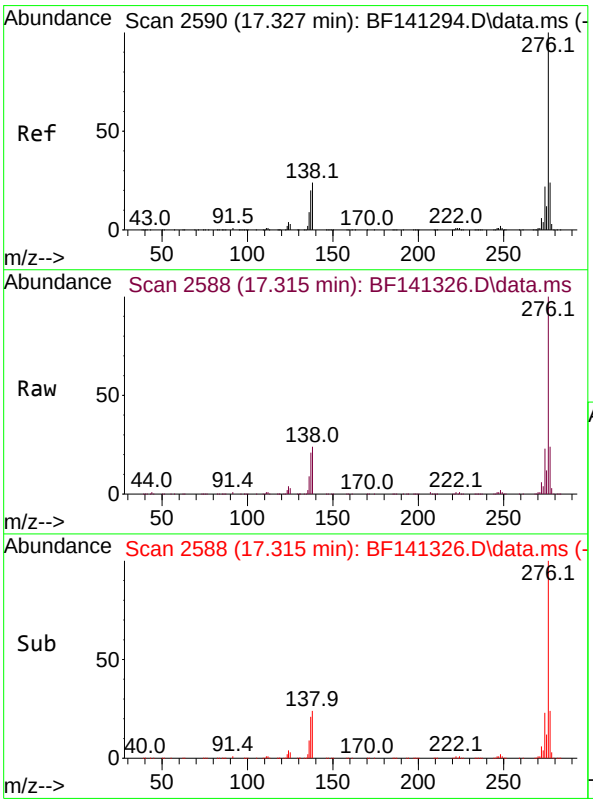
Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	23.6	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
PB166363BS

Manual Integrations
APPROVED

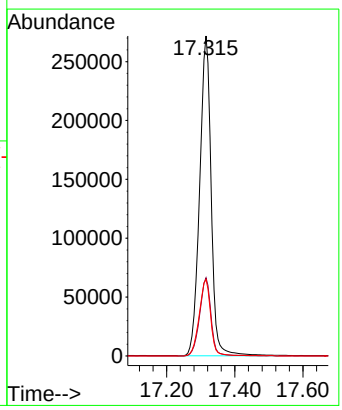
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.467 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 637520

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	23.9	19.0	28.4



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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BSD	SDG No.:	Q1211
Lab Sample ID:	PB166363BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141327.D	1	01/30/25 08:15	01/31/25 12:54	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	49.2		4.00	8.00	10.0	ug/L
108-95-2	Phenol	38.2		0.93	4.00	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.5		1.20	4.00	5.00	ug/L
95-57-8	2-Chlorophenol	39.9		0.71	4.00	5.00	ug/L
95-48-7	2-Methylphenol	39.7		1.10	4.00	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.6		1.40	4.00	5.00	ug/L
98-86-2	Acetophenone	41.1		1.10	4.00	5.00	ug/L
65794-96-9	3+4-Methylphenols	38.5		1.20	8.00	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.6		1.50	2.50	2.50	ug/L
67-72-1	Hexachloroethane	37.2		1.00	4.00	5.00	ug/L
98-95-3	Nitrobenzene	36.2		1.30	4.00	5.00	ug/L
78-59-1	Isophorone	39.6		1.10	4.00	5.00	ug/L
88-75-5	2-Nitrophenol	39.6		2.00	4.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	49.4		1.50	4.00	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		1.00	4.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	38.6		0.88	4.00	5.00	ug/L
91-20-3	Naphthalene	36.3		1.00	4.00	5.00	ug/L
106-47-8	4-Chloroaniline	12.5		1.30	4.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	35.5		1.30	4.00	5.00	ug/L
105-60-2	Caprolactam	44.7		1.70	8.00	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	40.1		0.84	4.00	5.00	ug/L
91-57-6	2-Methylnaphthalene	36.3		1.10	4.00	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5.00	8.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	39.6		0.89	4.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	38.4		1.00	4.00	5.00	ug/L
92-52-4	1,1-Biphenyl	41.3		0.91	4.00	5.00	ug/L
91-58-7	2-Chloronaphthalene	35.9		0.97	4.00	5.00	ug/L
88-74-4	2-Nitroaniline	39.8		1.40	4.00	5.00	ug/L
131-11-3	Dimethylphthalate	39.2		0.93	4.00	5.00	ug/L

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

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BSD	SDG No.:	Q1211
Lab Sample ID:	PB166363BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141327.D	1	01/30/25 08:15	01/31/25 12:54	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.3		1.00	4.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	38.2		1.20	4.00	5.00	ug/L
99-09-2	3-Nitroaniline	19.9		1.40	4.00	5.00	ug/L
83-32-9	Acenaphthene	42.2		0.81	4.00	5.00	ug/L
51-28-5	2,4-Dinitrophenol	98.3	E	6.40	8.00	10.0	ug/L
100-02-7	4-Nitrophenol	90.4	E	2.00	8.00	10.0	ug/L
132-64-9	Dibenzofuran	37.9		0.93	4.00	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	39.8		1.50	4.00	5.00	ug/L
84-66-2	Diethylphthalate	38.6		1.00	4.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.3		0.98	4.00	5.00	ug/L
86-73-7	Fluorene	37.9		0.96	4.00	5.00	ug/L
100-01-6	4-Nitroaniline	39.2		2.00	4.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.4		3.10	8.00	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	39.8		0.89	4.00	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.2		0.95	4.00	5.00	ug/L
118-74-1	Hexachlorobenzene	38.9		1.10	4.00	5.00	ug/L
1912-24-9	Atrazine	45.8		1.30	4.00	5.00	ug/L
87-86-5	Pentachlorophenol	84.7	E	1.90	8.00	10.0	ug/L
85-01-8	Phenanthrene	39.8		0.89	4.00	5.00	ug/L
120-12-7	Anthracene	41.6		1.10	4.00	5.00	ug/L
86-74-8	Carbazole	41.0		1.20	4.00	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.7		1.50	4.00	5.00	ug/L
206-44-0	Fluoranthene	40.9		1.30	4.00	5.00	ug/L
129-00-0	Pyrene	37.0		1.10	4.00	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.3		2.10	4.00	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	18.9		1.30	8.00	10.0	ug/L
56-55-3	Benzo(a)anthracene	36.7		0.94	4.00	5.00	ug/L
218-01-9	Chrysene	39.9		0.86	4.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.5		1.90	4.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	42.8		2.50	8.00	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		1.10	4.00	5.00	ug/L

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	
Client Sample ID:	PB166363BSD	SDG No.:	Q1211
Lab Sample ID:	PB166363BSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF141327.D	1	01/30/25 08:15	01/31/25 12:54	PB166363

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	42.3		1.20	4.00	5.00	ug/L
50-32-8	Benzo(a)pyrene	43.8		1.70	4.00	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.2		1.00	4.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.7		1.20	4.00	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	38.3		1.20	4.00	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.6		1.10	4.00	5.00	ug/L
123-91-1	1,4-Dioxane	35.8		1.30	4.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	42.3		0.79	4.00	5.00	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118		19 - 119		78%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.1		44 - 120		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		44 - 119		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		43 - 140		84%	SPK: 150
1718-51-0	Terphenyl-d14	83.2		50 - 134		83%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163000	6.798				
1146-65-2	Naphthalene-d8	656000	8.081				
15067-26-2	Acenaphthene-d10	353000	9.839				
1517-22-2	Phenanthrene-d10	594000	11.328				
1719-03-5	Chrysene-d12	373000	13.969				
1520-96-3	Perylene-d12	322000	15.427				

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\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	162815	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	656268	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	352985	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	593804	20.000	ng	0.00
76) Chrysene-d12	13.969	240	372769	20.000	ng	0.00
86) Perylene-d12	15.427	264	322252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1246986	117.580	ng	0.00
7) Phenol-d6	6.434	99	1582813	117.319	ng	0.00
23) Nitrobenzene-d5	7.363	82	1022248	82.115	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	407137	125.813	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1784508	77.813	ng	0.00
79) Terphenyl-d14	12.916	244	2011572	83.221	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	166928	35.789	ng	99
3) Pyridine	3.316	79	409396	36.430	ng	99
4) n-Nitrosodimethylamine	3.263	42	246038	38.325	ng	98
6) Aniline	6.463	93	454738	39.818	ng	95
8) 2-Chlorophenol	6.581	128	454041	39.943	ng	98
9) Benzaldehyde	6.351	77	384438	49.194	ng	100
10) Phenol	6.445	94	546950	38.244	ng	90
11) bis(2-Chloroethyl)ether	6.540	93	410915	37.473	ng	98
12) 1,3-Dichlorobenzene	6.740	146	453232	36.162	ng	99
13) 1,4-Dichlorobenzene	6.816	146	456173	36.230	ng	100
14) 1,2-Dichlorobenzene	6.969	146	441372	37.436	ng	99
15) Benzyl Alcohol	6.940	79	382706	41.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	755292	39.610	ng	98
17) 2-Methylphenol	7.051	107	366895	39.714	ng	99
18) Hexachloroethane	7.310	117	172836	37.209	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	309046	38.550	ng	97
20) 3+4-Methylphenols	7.204	107	436495	38.480	ng	96
22) Acetophenone	7.210	105	640608	41.066	ng	99
24) Nitrobenzene	7.381	77	466546	36.164	ng	99
25) Isophorone	7.622	82	852148	39.599	ng	100
26) 2-Nitrophenol	7.698	139	240977	39.606	ng	99
27) 2,4-Dimethylphenol	7.734	122	382924	49.446	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	525514	38.285	ng	99
29) 2,4-Dichlorophenol	7.939	162	366016	38.606	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	382419	35.320	ng	100
31) Naphthalene	8.104	128	1259081	36.317	ng	100
32) Benzoic acid	7.863	122	325960	45.786	ng	99
33) 4-Chloroaniline	8.151	127	147310	12.530	ng	98
34) Hexachlorobutadiene	8.222	225	225660	35.540	ng	99
35) Caprolactam	8.522	113	138443m	44.712	ng	
36) 4-Chloro-3-methylphenol	8.634	107	408024	40.122	ng	96
37) 2-Methylnaphthalene	8.792	142	799792	36.296	ng	98
38) 1-Methylnaphthalene	8.892	142	783637	36.204	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	408014	40.631	ng	98
41) Hexachlorocyclopentadiene	8.945	237	467280	157.562	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	260073	39.568	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	274449	38.364	ng	98
46) 1,1'-Biphenyl	9.257	154	1138200	41.346	ng	99
47) 2-Chloronaphthalene	9.281	162	769486	35.862	ng	99
48) 2-Nitroaniline	9.381	65	268925	39.846	ng	99
49) Acenaphthylene	9.698	152	1211717	40.342	ng	99
50) Dimethylphthalate	9.563	163	935055	39.221	ng	100
51) 2,6-Dinitrotoluene	9.622	165	211622	38.230	ng	99
52) Acenaphthene	9.869	154	905912	42.218	ng	99
53) 3-Nitroaniline	9.792	138	107941	19.896	ng	99
54) 2,4-Dinitrophenol	9.898	184	252834	98.257	ng	96
55) Dibenzofuran	10.045	168	1089517	37.933	ng	100
56) 4-Nitrophenol	9.957	139	358814	90.432	ng	99
57) 2,4-Dinitrotoluene	10.028	165	285303	39.808	ng	97
58) Fluorene	10.386	166	844352	37.898	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	238057	42.298	ng	100
60) Diethylphthalate	10.263	149	893307	38.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	405648	37.274	ng	100
62) 4-Nitroaniline	10.410	138	209172	39.216	ng	99
63) Azobenzene	10.539	77	911933	39.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162906	46.381	ng	98
66) n-Nitrosodiphenylamine	10.498	169	763790	39.769	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	260632	39.206	ng	99
68) Hexachlorobenzene	10.933	284	274528	38.931	ng	99
69) Atrazine	11.028	200	294187	45.813	ng	99
70) Pentachlorophenol	11.133	266	349899	84.735	ng	98
71) Phenanthrene	11.351	178	1269881	39.784	ng	99
72) Anthracene	11.404	178	1302000	41.630	ng	100
73) Carbazole	11.557	167	1136855	40.994	ng	100
74) Di-n-butylphthalate	11.892	149	1401598	41.703	ng	100
75) Fluoranthene	12.539	202	1289953	40.929	ng	99
77) Benzidine	12.663	184	716205	59.932	ng	100
78) Pyrene	12.769	202	1324799	37.024	ng	100
80) Butylbenzylphthalate	13.392	149	541805	43.342	ng	99
81) Benzo(a)anthracene	13.957	228	942894	36.655	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	154325	18.863	ng	99
83) Chrysene	13.992	228	939517	39.853	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	657794	41.481	ng	100
85) Di-n-octyl phthalate	14.574	149	1053825	42.786	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	856626	41.186	ng	99
88) Benzo(b)fluoranthene	15.010	252	845792	41.725	ng	99
89) Benzo(k)fluoranthene	15.039	252	758956	42.265	ng	100
90) Benzo(a)pyrene	15.368	252	749665	43.765	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	681454	40.724	ng	100
92) Benzo(g,h,i)perylene	17.315	276	666012	38.278	ng	99

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

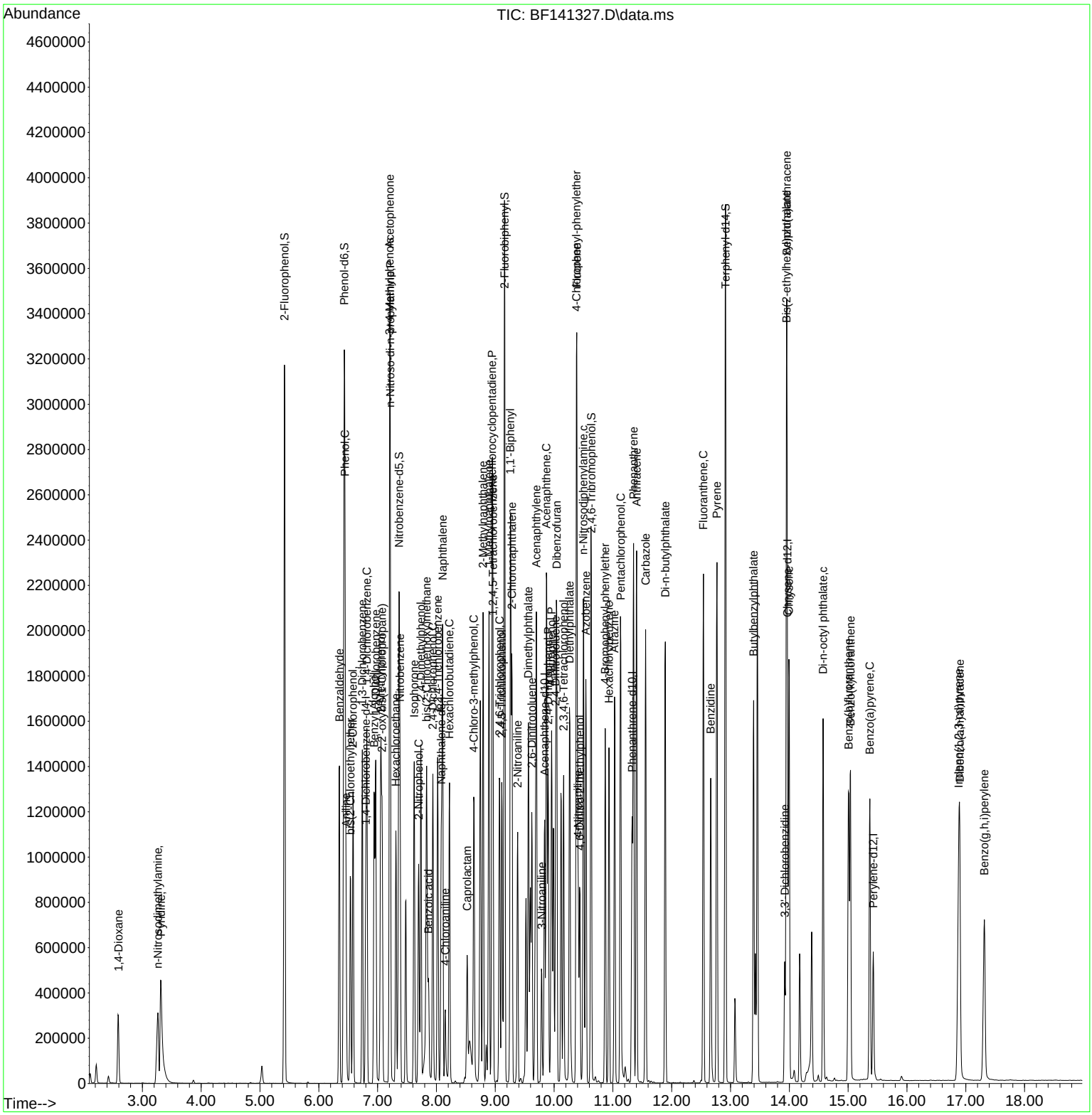
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

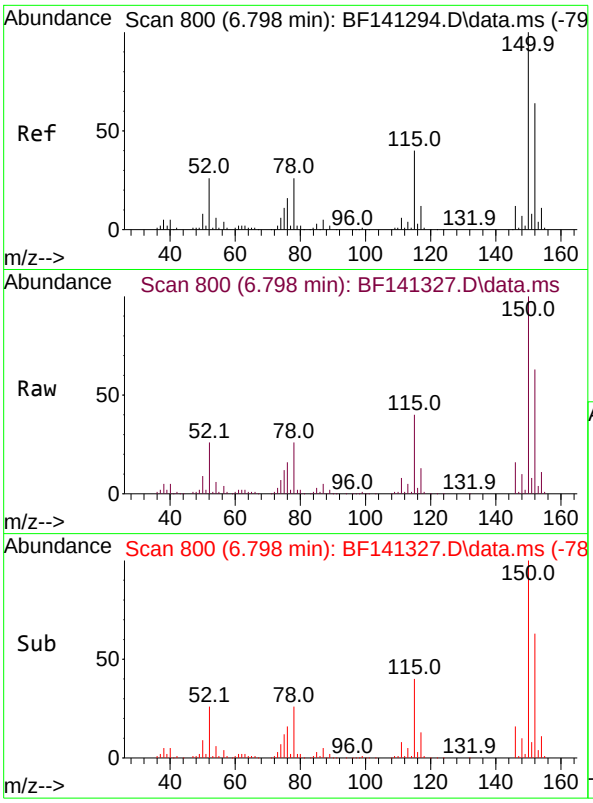
Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

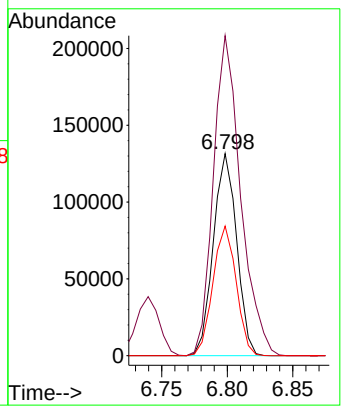




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:152 Resp: 16281

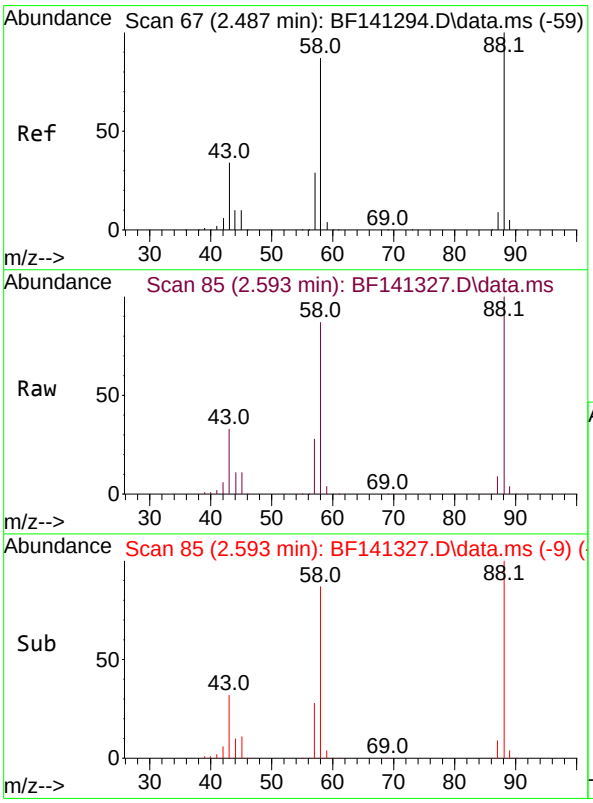
Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.9	188.9
115	64.1	49.7	74.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

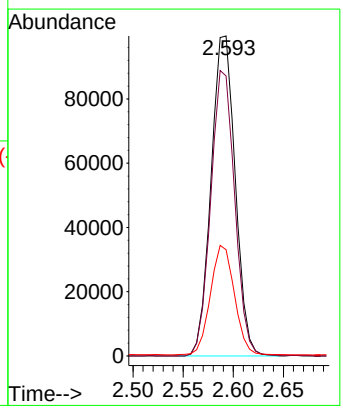
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

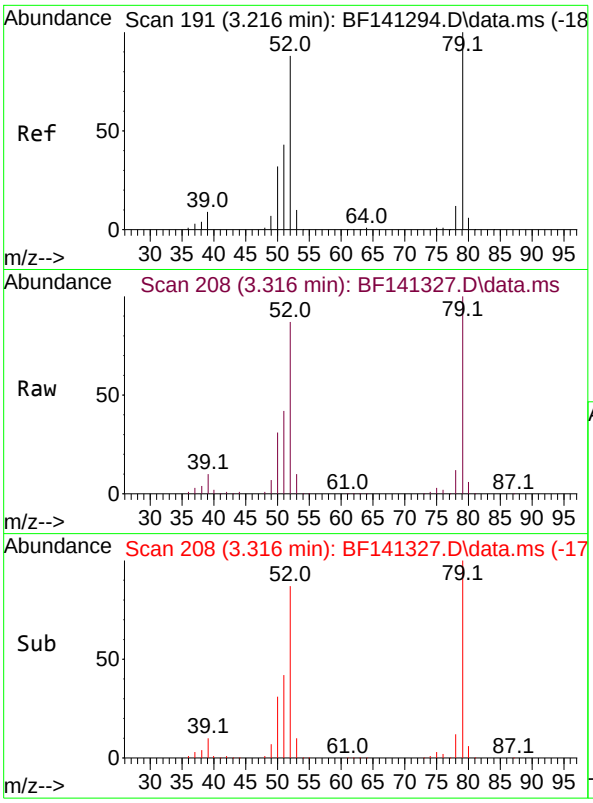


#2
1,4-Dioxane
Concen: 35.789 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.100 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 88 Resp: 166928

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.2	105.4
43	34.0	27.6	41.4

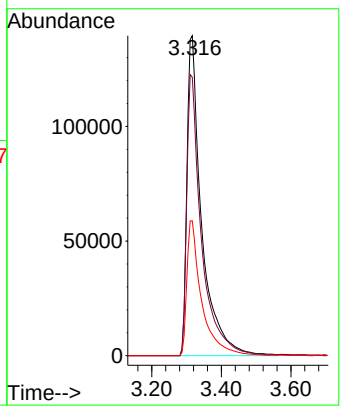




#3
Pyridine
Concen: 36.430 ng
RT: 3.316 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 79 Resp: 40939

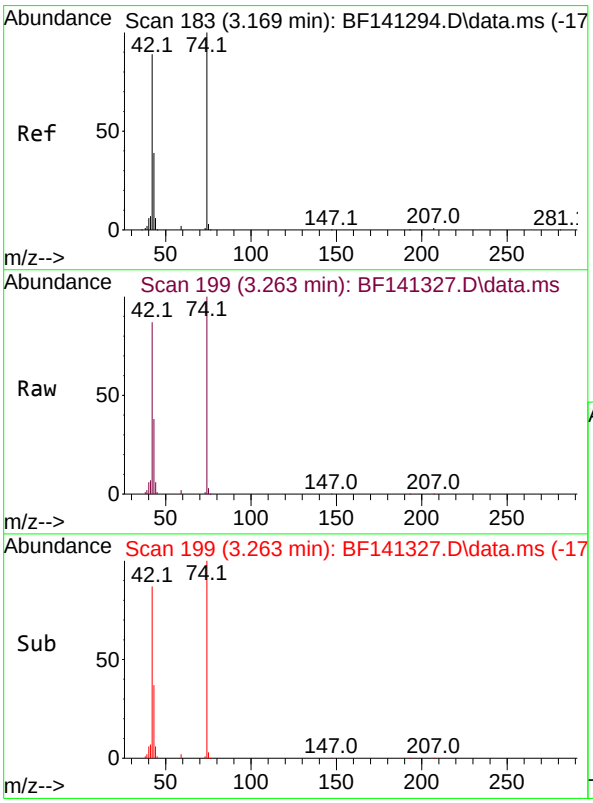
Ion	Ratio	Lower	Upper
79	100		
52	87.0	70.3	105.5
51	42.1	34.3	51.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

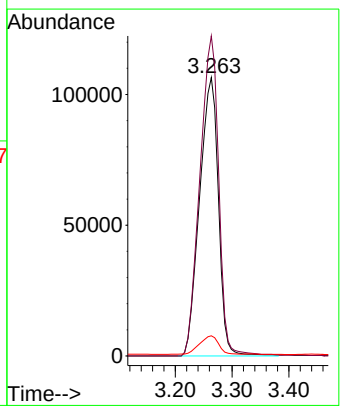
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

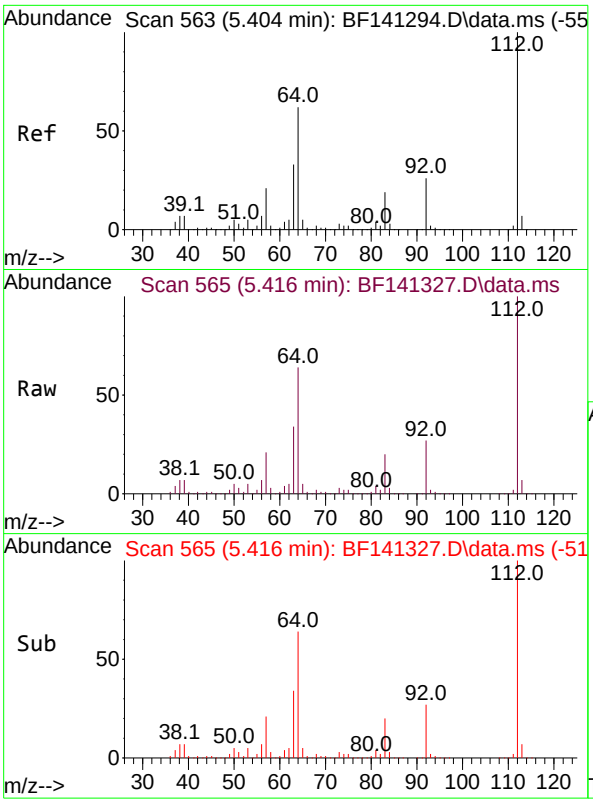


#4
n-Nitrosodimethylamine
Concen: 38.325 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.065 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 42 Resp: 246038

Ion	Ratio	Lower	Upper
42	100		
74	115.0	90.3	135.5
44	7.3	5.7	8.5

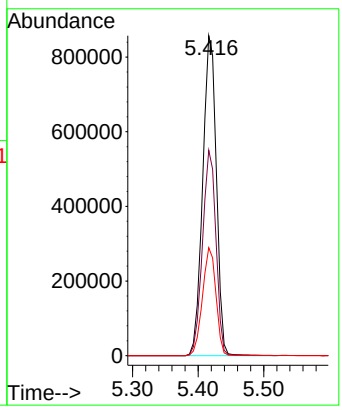




#5
2-Fluorophenol
Concen: 117.580 ng
RT: 5.416 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:112 Resp: 124698

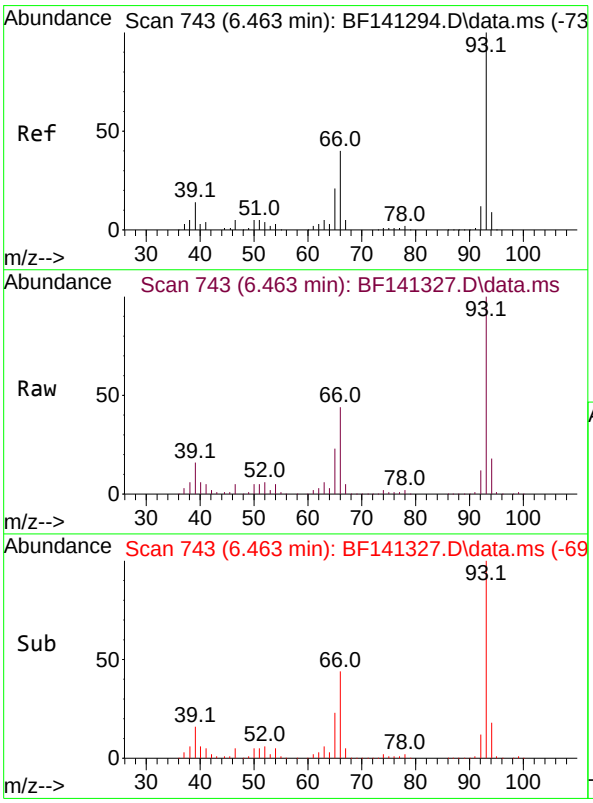
Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.8	74.8
63	33.7	26.1	39.1



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

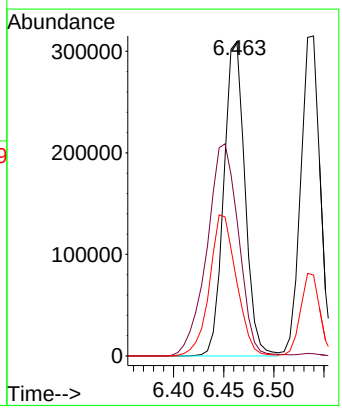
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

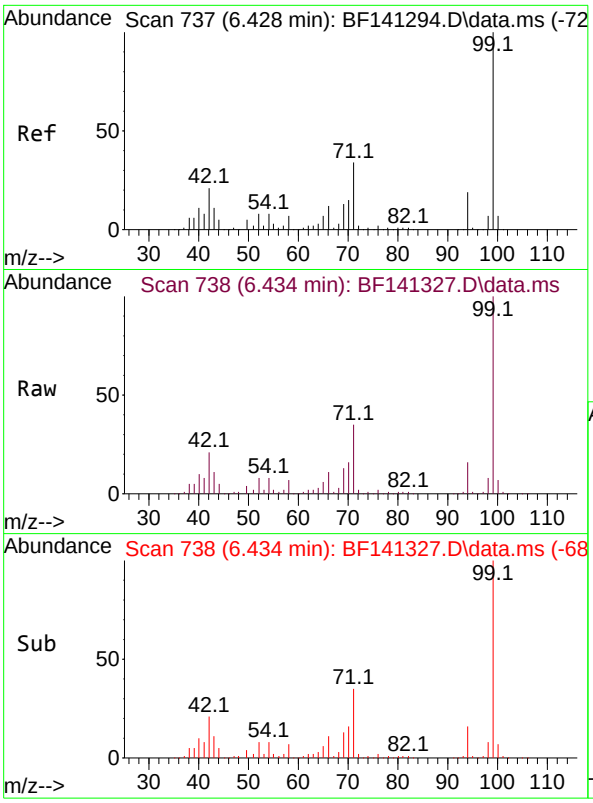


#6
Aniline
Concen: 39.818 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 454738

Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.5	48.7
65	23.4	17.0	25.6

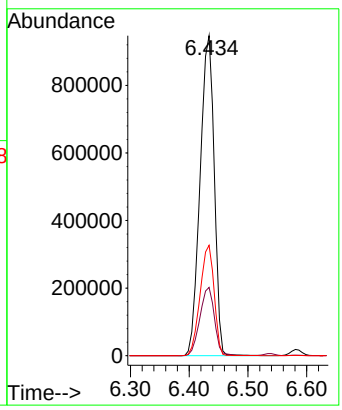




#7
Phenol-d6
Concen: 117.319 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 99 Resp: 158281

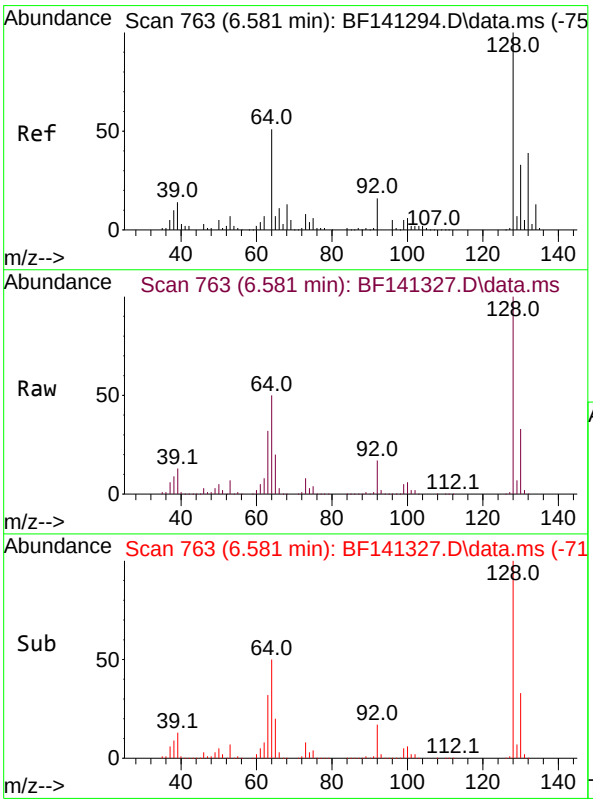
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	34.5	26.9	40.3



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

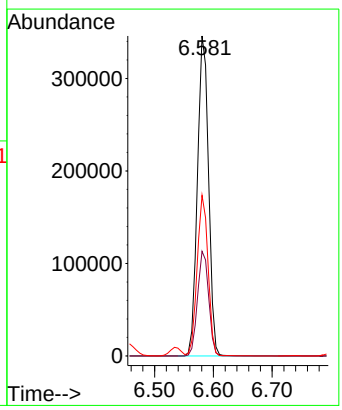
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

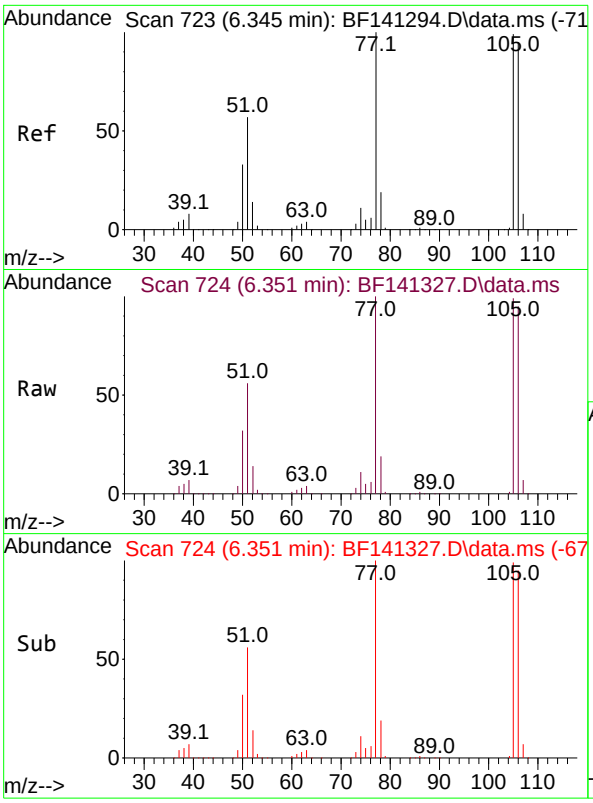


#8
2-Chlorophenol
Concen: 39.943 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:128 Resp: 454041

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.2	32.9	72.9

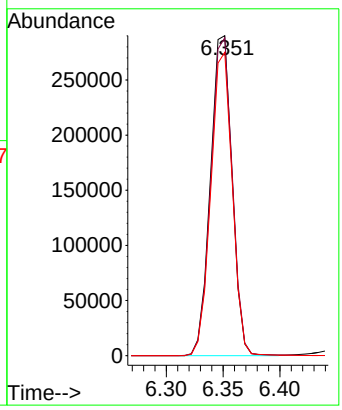




#9
Benzaldehyde
Concen: 49.194 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 77 Resp: 38443

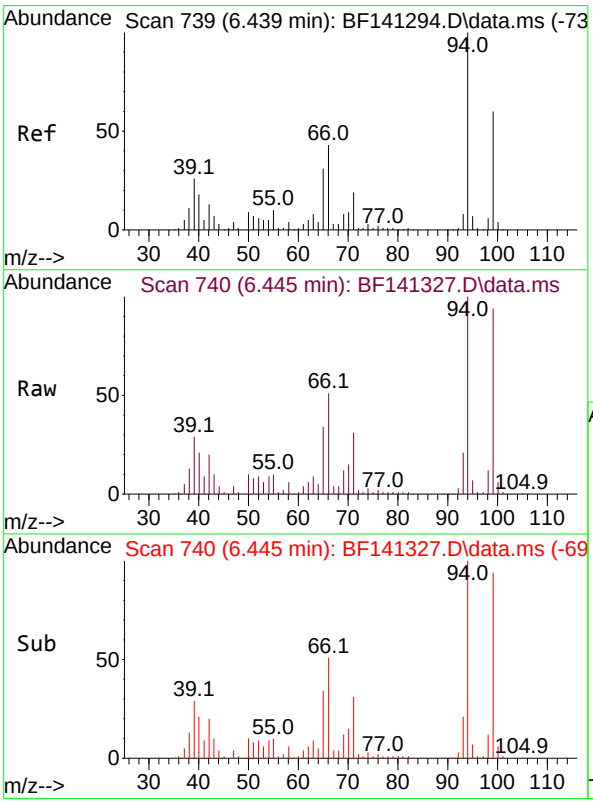
Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.4	119.4
106	94.8	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

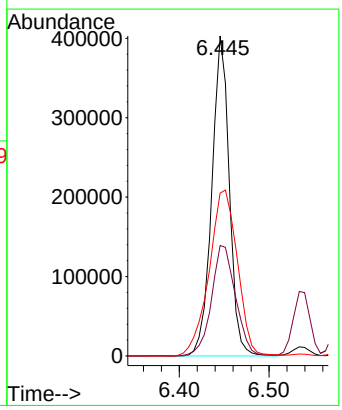
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

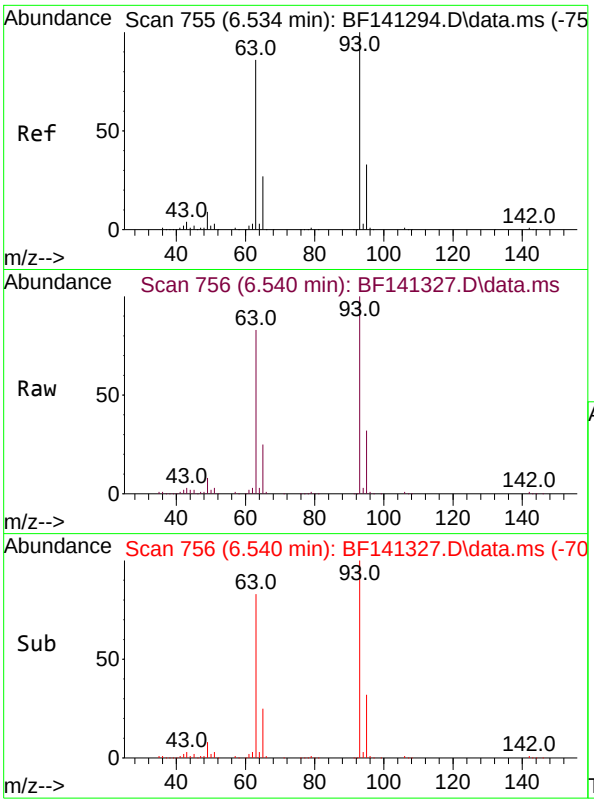


#10
Phenol
Concen: 38.244 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 94 Resp: 546950

Ion	Ratio	Lower	Upper
94	100		
65	34.5	10.8	50.8
66	50.9	23.3	63.3

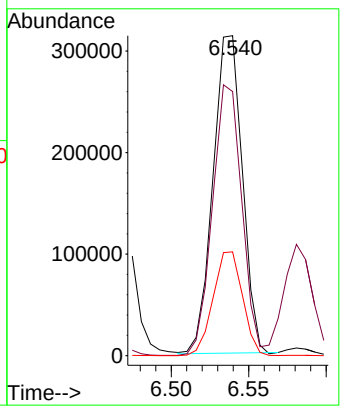




#11
bis(2-Chloroethyl)ether
Concen: 37.473 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 41091

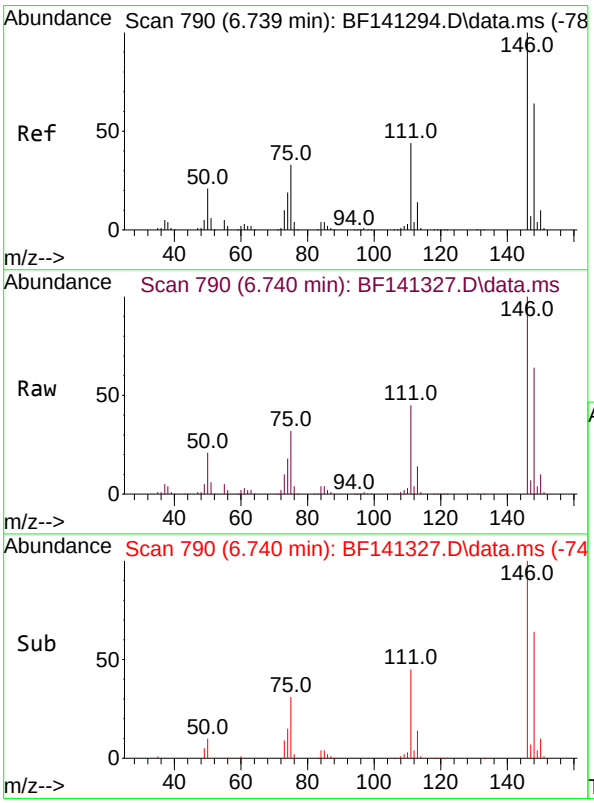
Ion	Ratio	Lower	Upper
93	100		
63	82.6	65.0	105.0
95	32.5	12.4	52.4



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

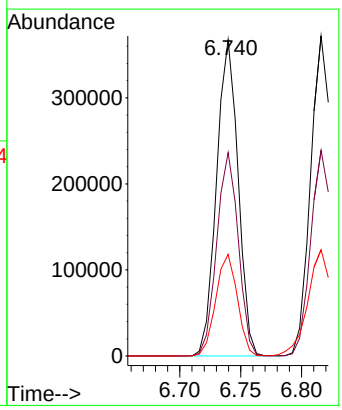
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

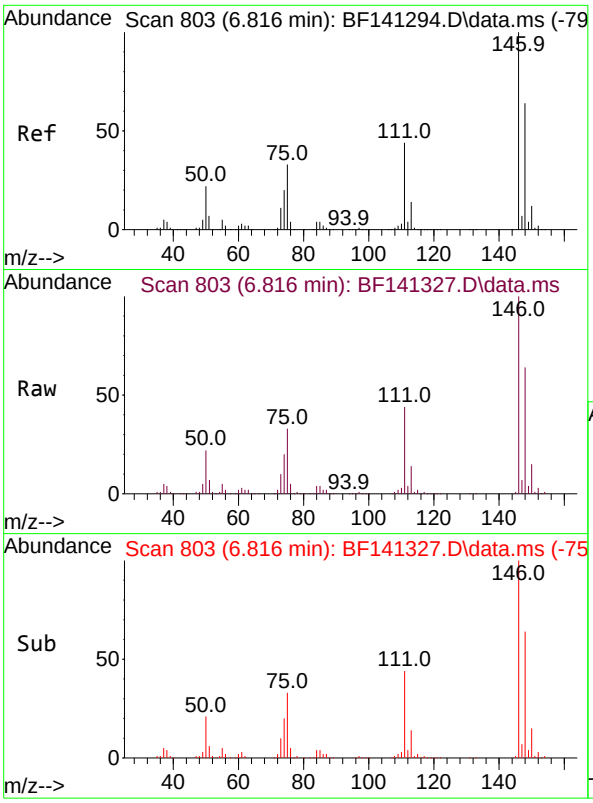


#12
1,3-Dichlorobenzene
Concen: 36.162 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 453232

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.1	26.2	39.4

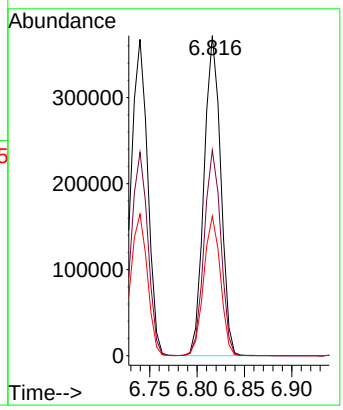




#13
1,4-Dichlorobenzene
Concen: 36.230 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 45617

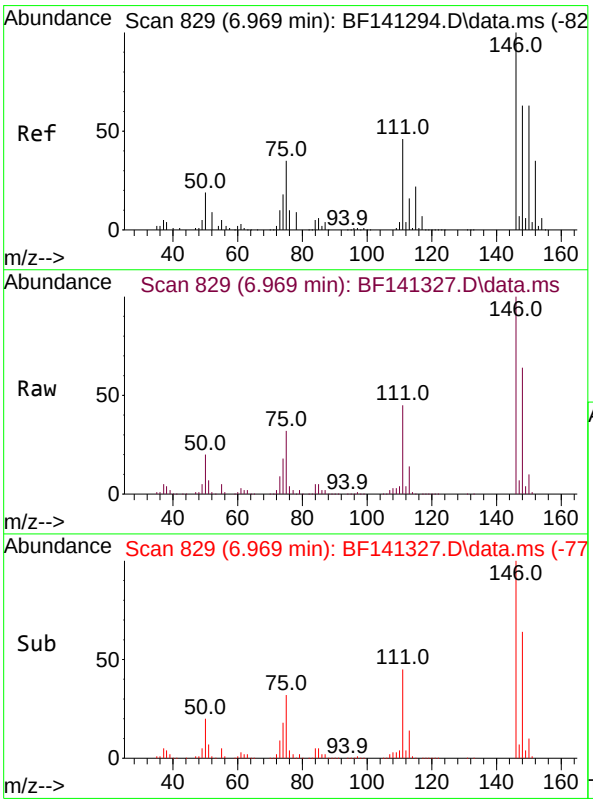
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	43.6	35.0	52.4



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

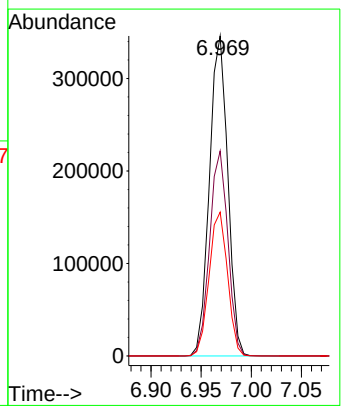
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

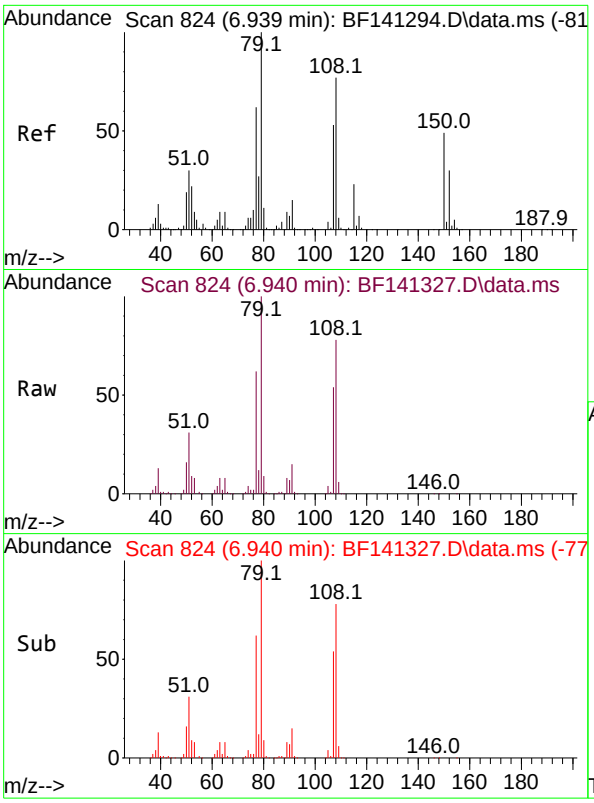


#14
1,2-Dichlorobenzene
Concen: 37.436 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 441372

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	45.0	36.6	55.0





#15
Benzyl Alcohol
Concen: 41.508 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

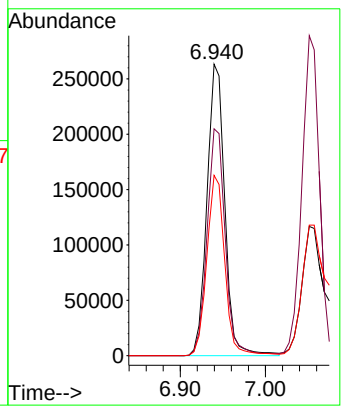
Tgt Ion: 79 Resp: 38270

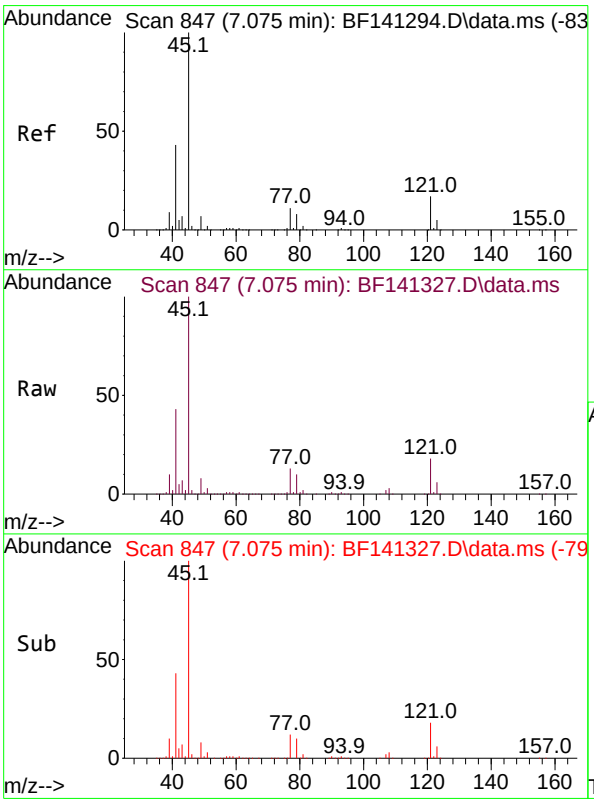
Ion	Ratio	Lower	Upper
79	100		
108	77.8	61.4	92.0
77	61.8	49.9	74.9

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

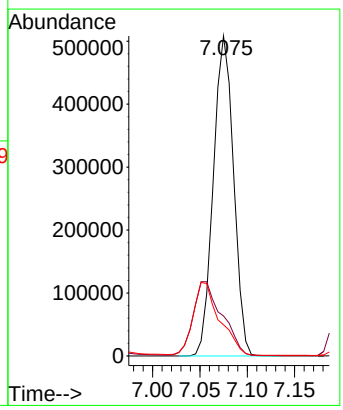


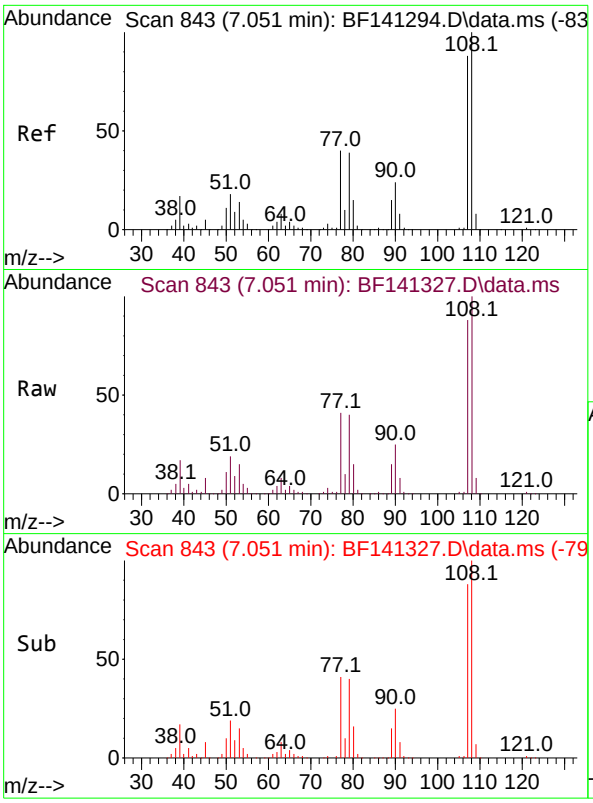


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.610 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 45 Resp: 755292

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	31.8
79	9.7	0.0	29.1

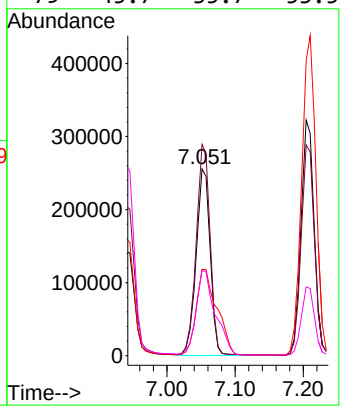




#17
2-Methylphenol
Concen: 39.714 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:107 Resp: 36689

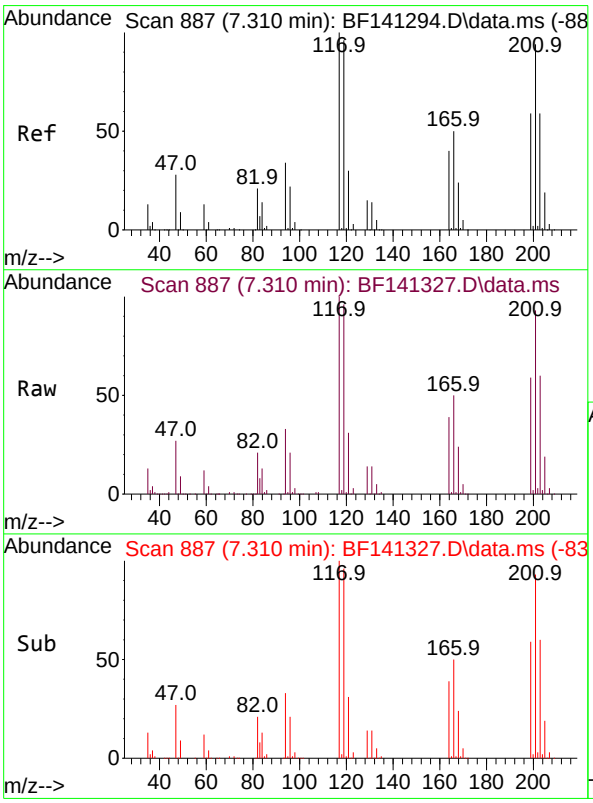
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.8	136.2
77	46.2	36.2	54.4
79	45.7	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

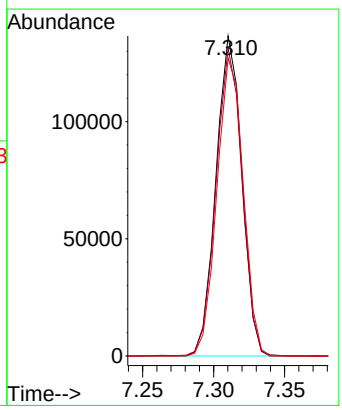
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

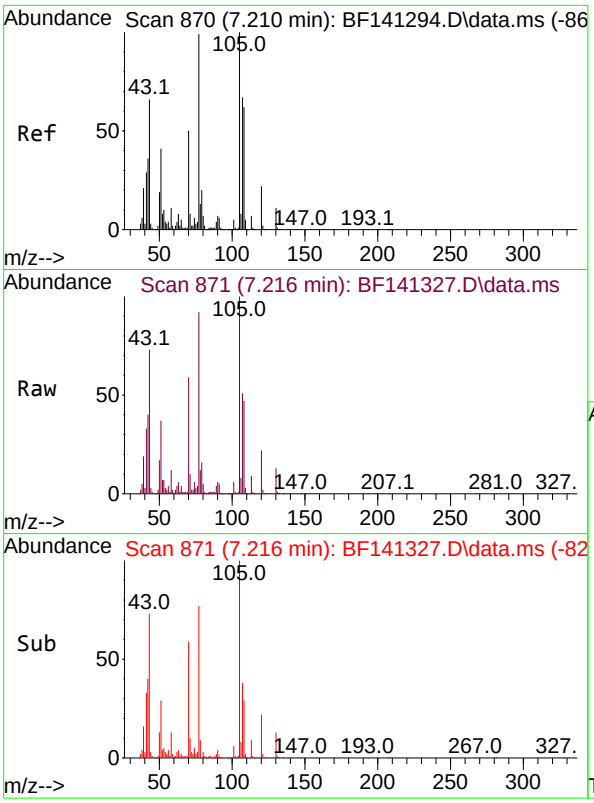


#18
Hexachloroethane
Concen: 37.209 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:117 Resp: 172836

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	93.1	74.8	112.2

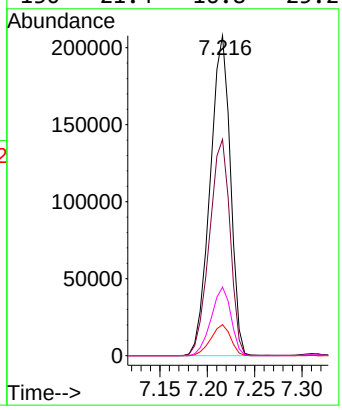




#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 70 Resp: 30904

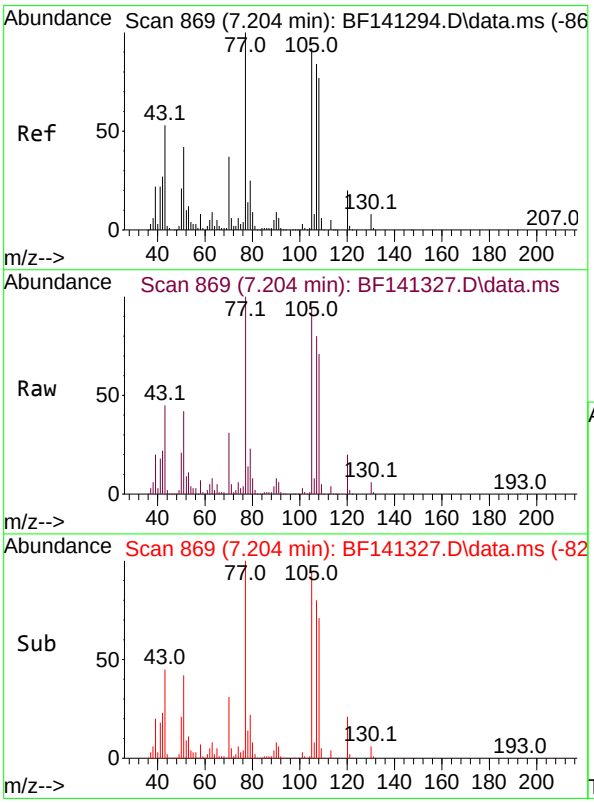
Ion	Ratio	Lower	Upper
70	100		
42	67.6	56.8	85.2
101	9.7	7.7	11.5
130	21.4	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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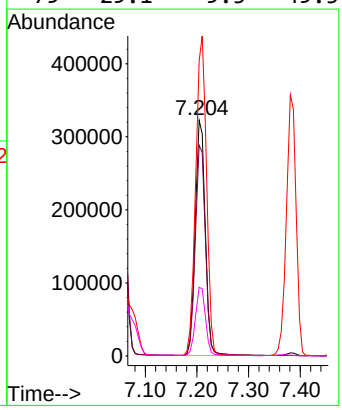
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

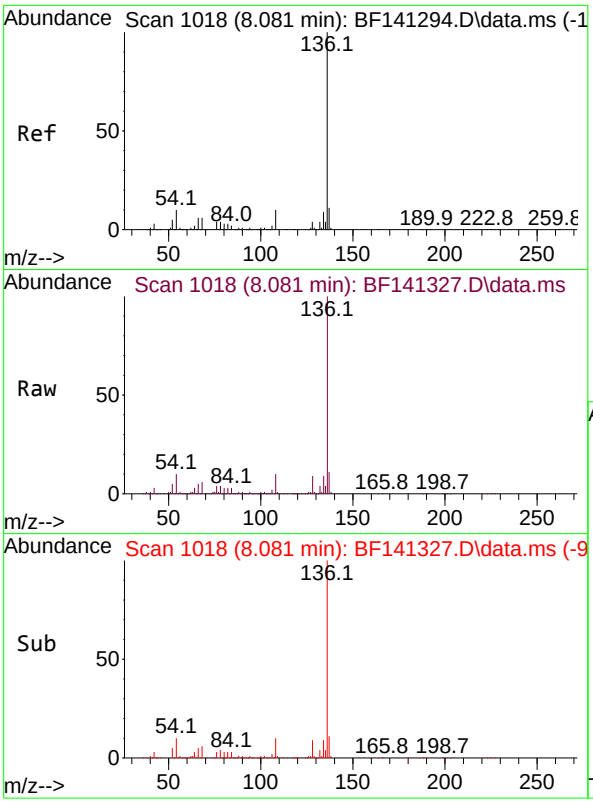


#20
3+4-Methylphenols
Concen: 38.480 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:107 Resp: 436495

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.9	110.9
77	125.3	98.5	138.5
79	29.1	9.5	49.5

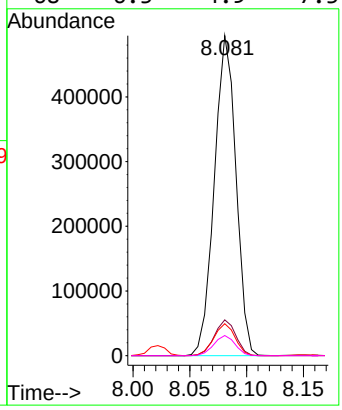




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:136 Resp: 65626

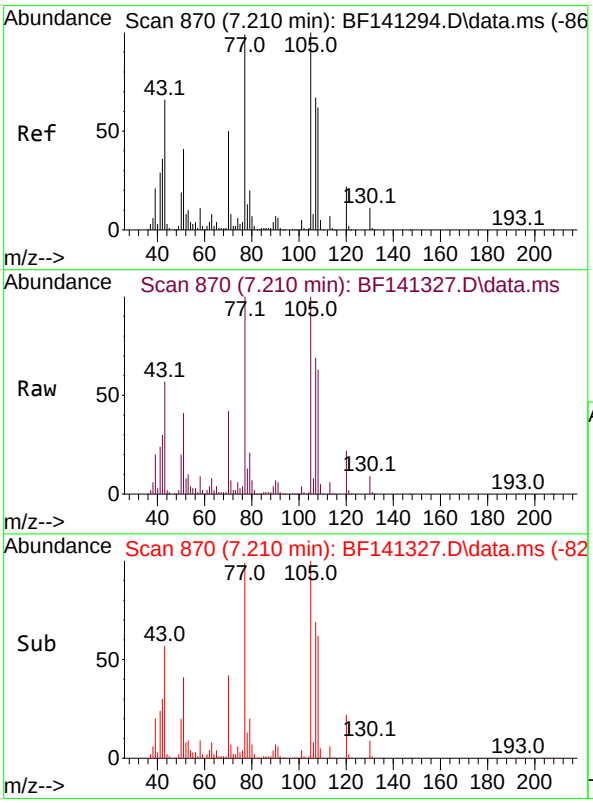
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.0	7.8	11.8
68	6.3	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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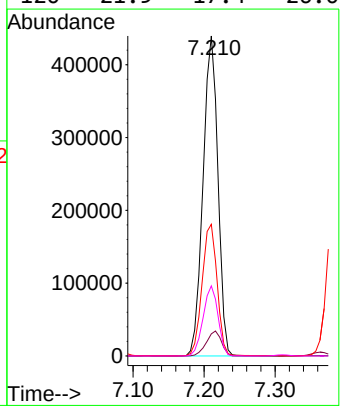
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

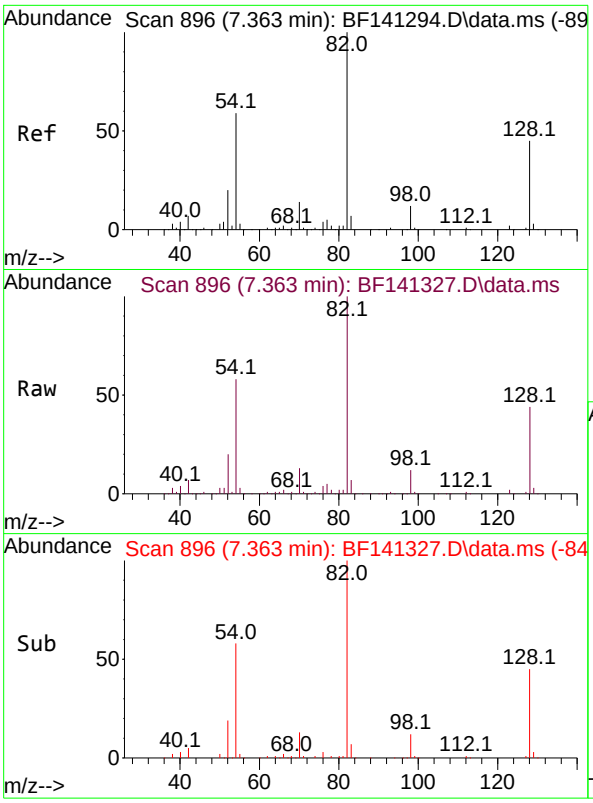


#22
Acetophenone
Concen: 41.066 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:105 Resp: 640608

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.8	10.2
51	41.1	32.6	49.0
120	21.9	17.4	26.0

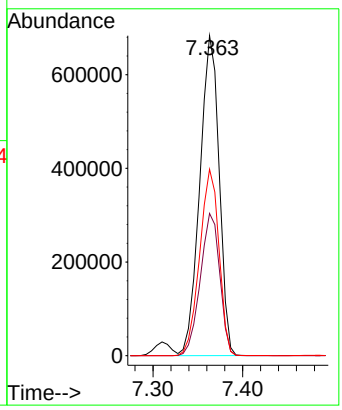




#23
Nitrobenzene-d5
Concen: 82.115 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 82 Resp: 102224

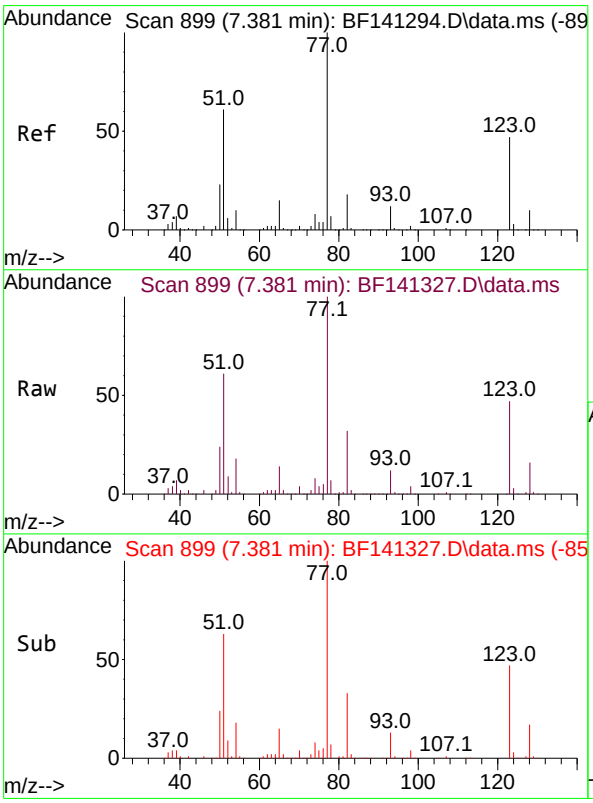
Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	58.3	47.1	70.7



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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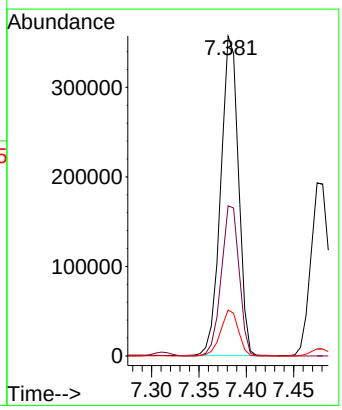
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

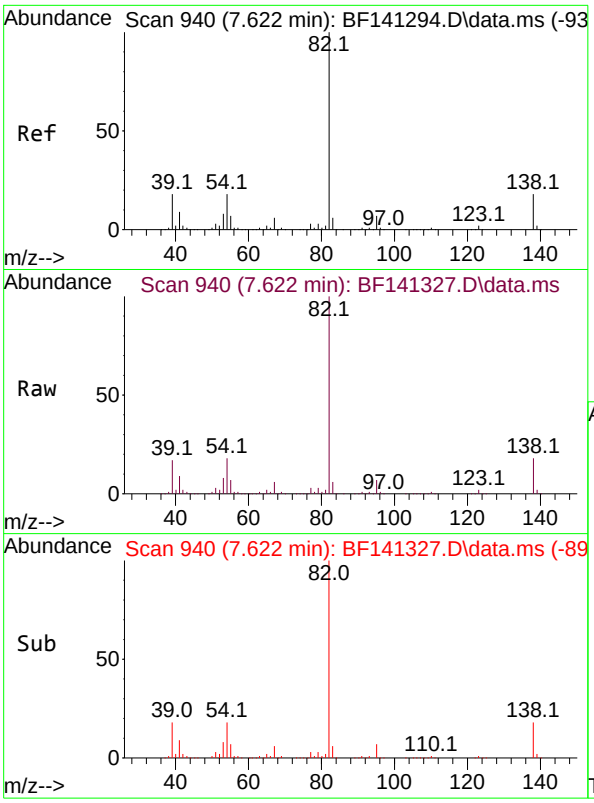


#24
Nitrobenzene
Concen: 36.164 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 77 Resp: 466546

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.3	55.9
65	14.4	11.8	17.6

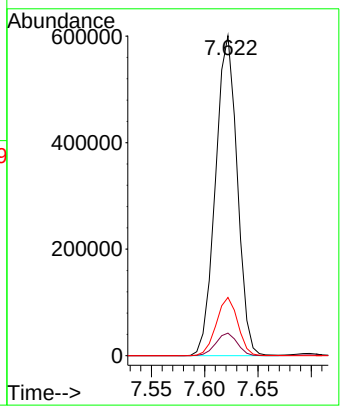




#25
Isophorone
Concen: 39.599 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 82 Resp: 85214

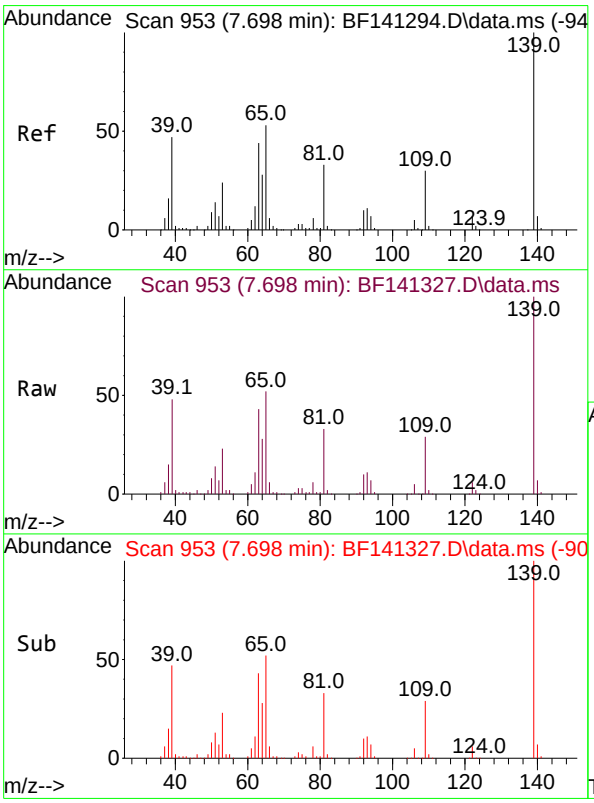
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.2	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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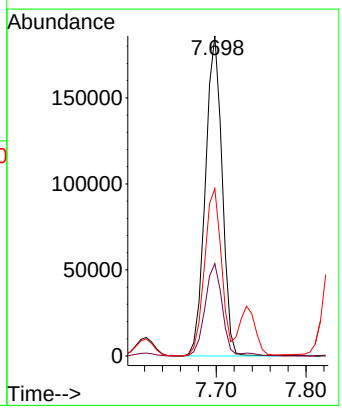
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

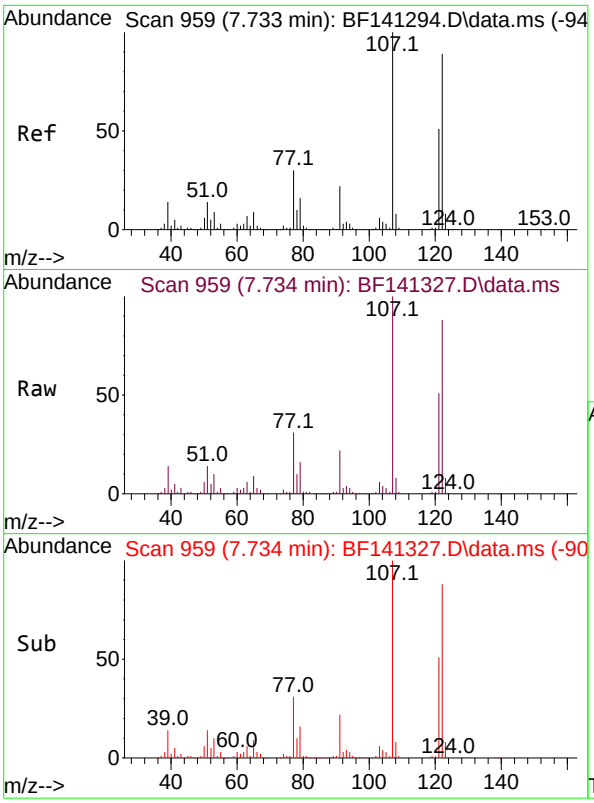


#26
2-Nitrophenol
Concen: 39.606 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 240977

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.8	35.6
65	52.3	42.2	63.4

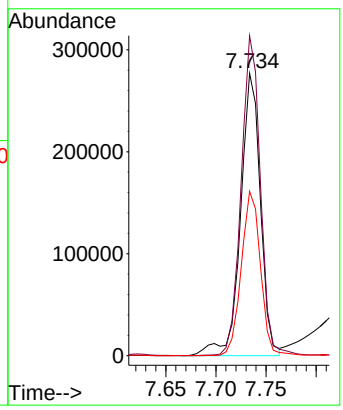




#27
2,4-Dimethylphenol
Concen: 49.446 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:122 Resp: 38292

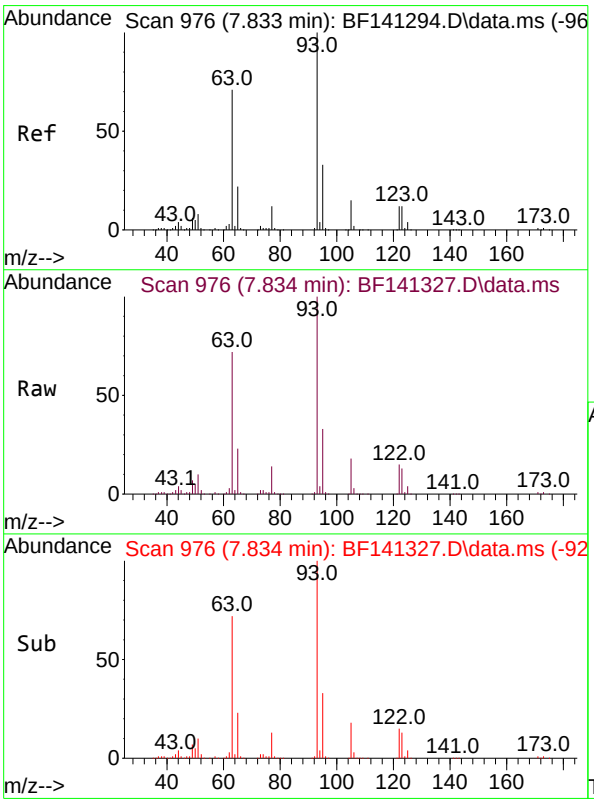
Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.9	134.9
121	58.2	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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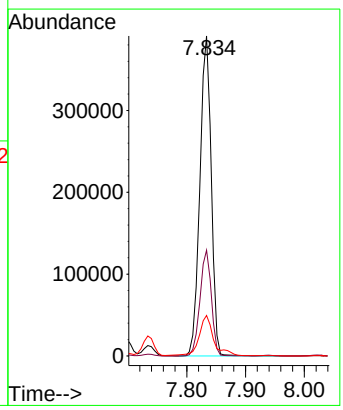
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

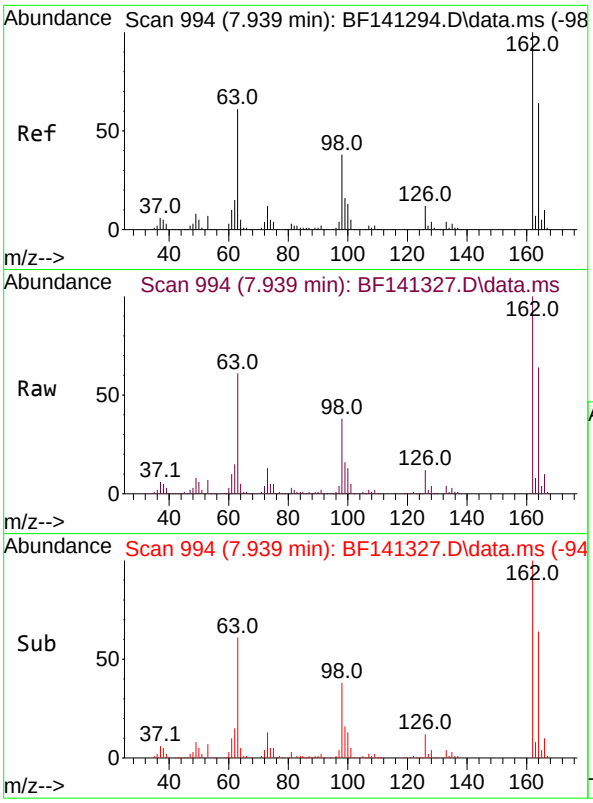


#28
bis(2-Chloroethoxy)methane
Concen: 38.285 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 525514

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	12.7	10.2	15.4

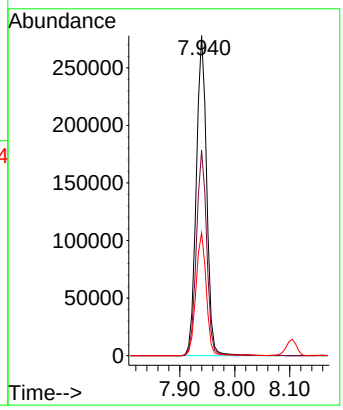




#29
2,4-Dichlorophenol
Concen: 38.606 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:162 Resp: 36601

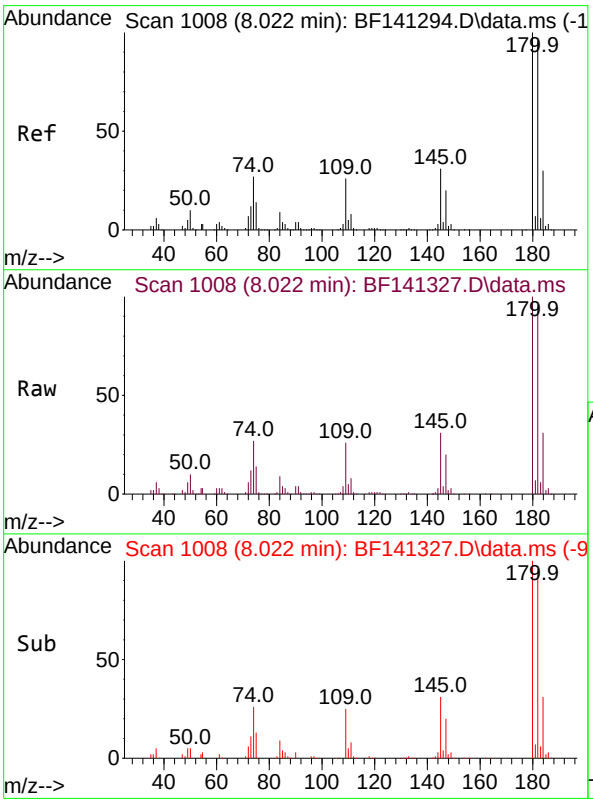
Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.4	18.2	58.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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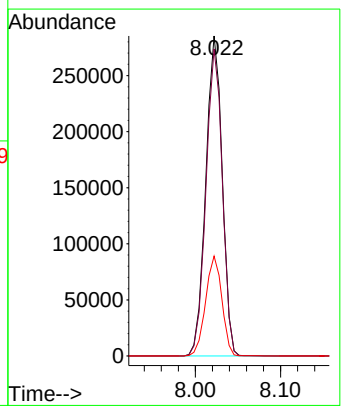
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

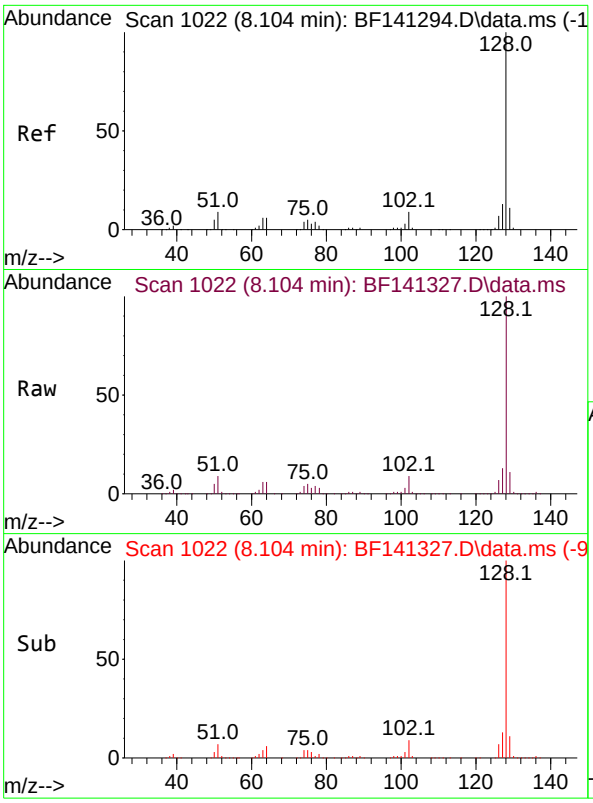


#30
1,2,4-Trichlorobenzene
Concen: 35.320 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:180 Resp: 382419

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	31.2	24.9	37.3





#31
Naphthalene
Concen: 36.317 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

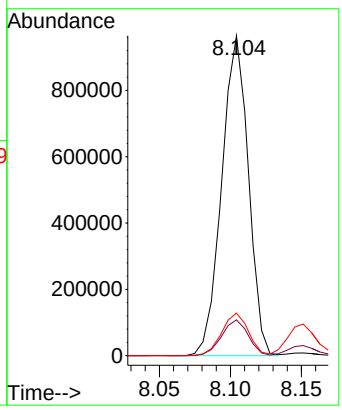
Tgt Ion:128 Resp: 125908

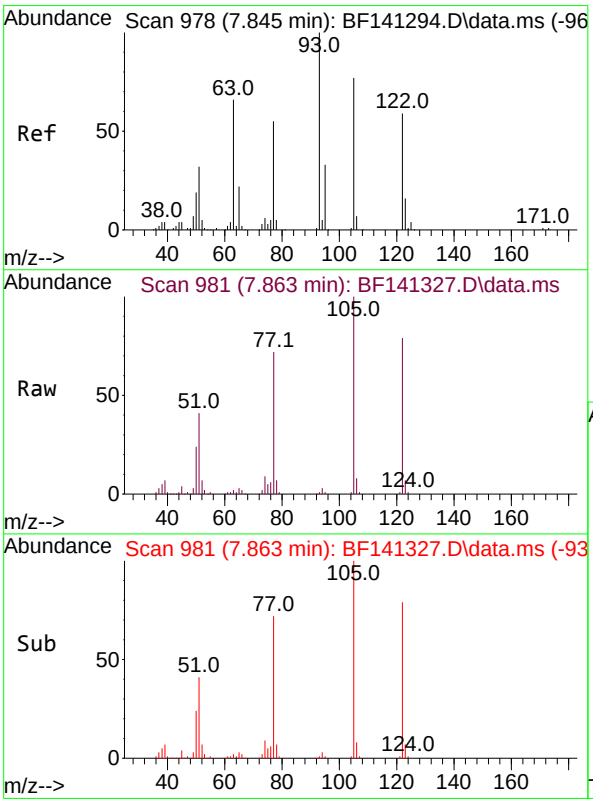
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.6	15.8

Instrument :
BNA_F
ClientSampleId :
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Supervised By :mohammad ahmed 02/04/2025

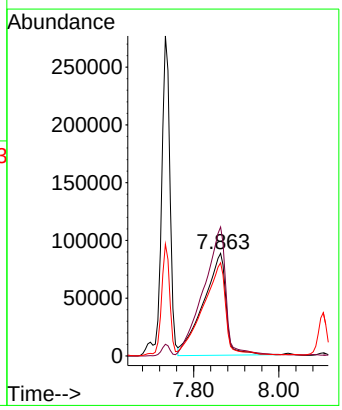


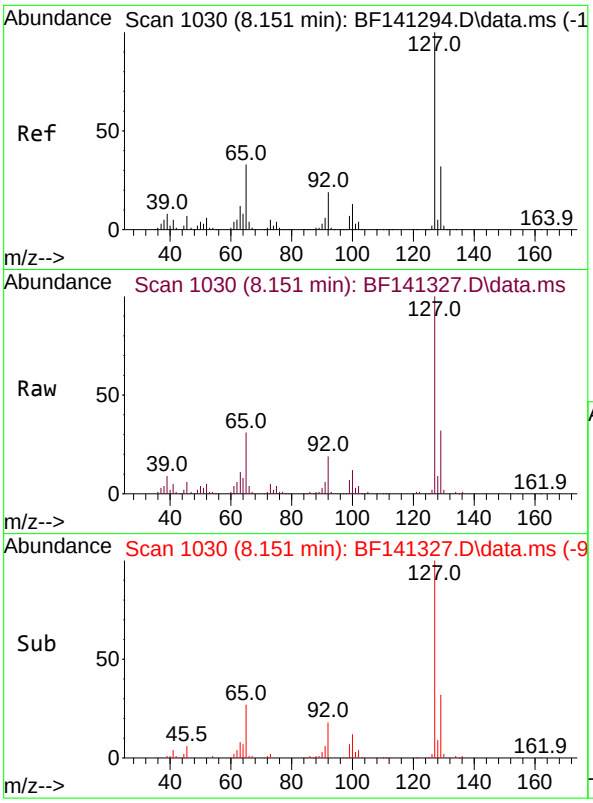


#32
Benzoic acid
Concen: 45.786 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:122 Resp: 325960

Ion	Ratio	Lower	Upper
122	100		
105	125.9	103.4	143.4
77	90.9	70.9	110.9

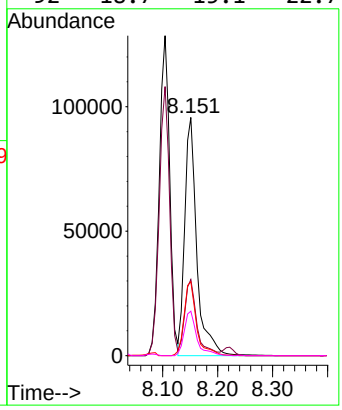




#33
4-Chloroaniline
Concen: 12.530 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:127 Resp: 14731

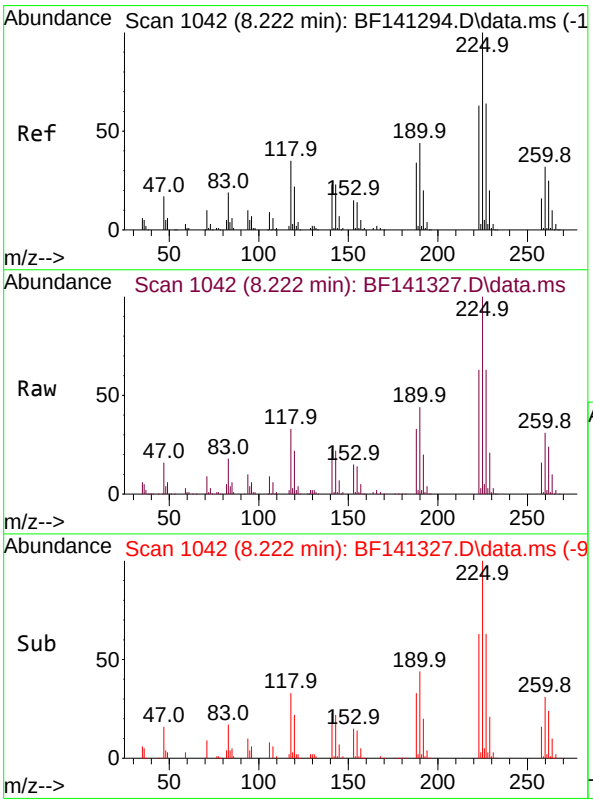
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.0	26.4	39.6
92	18.7	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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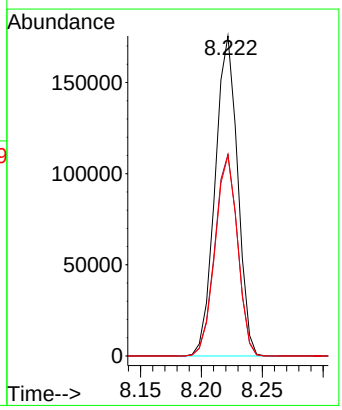
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

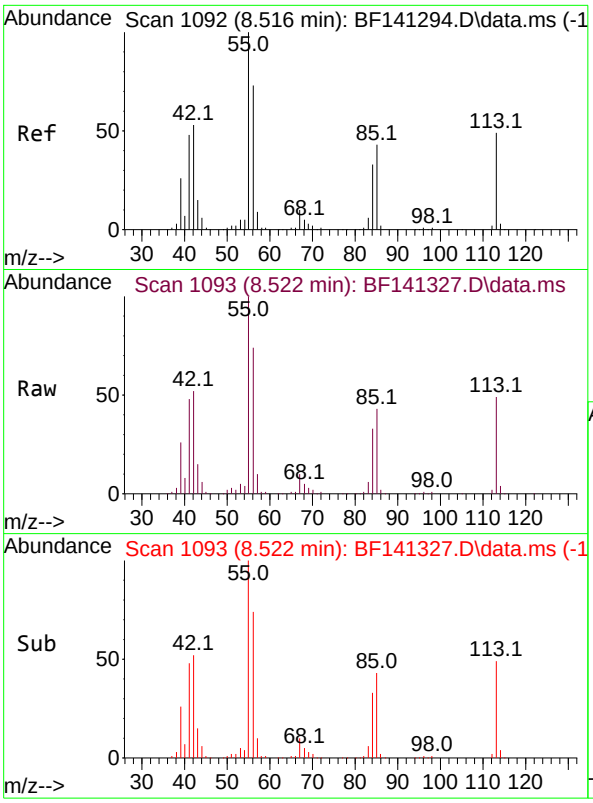


#34
Hexachlorobutadiene
Concen: 35.540 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:225 Resp: 225660

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	62.6	51.3	76.9

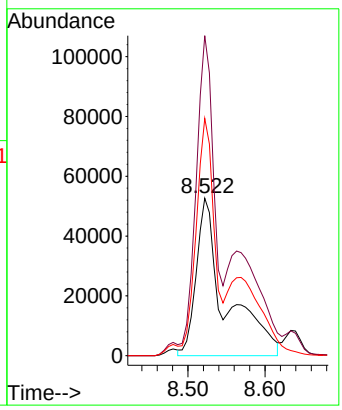




#35
Caprolactam
Concen: 44.712 ng m
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:113 Resp: 13844

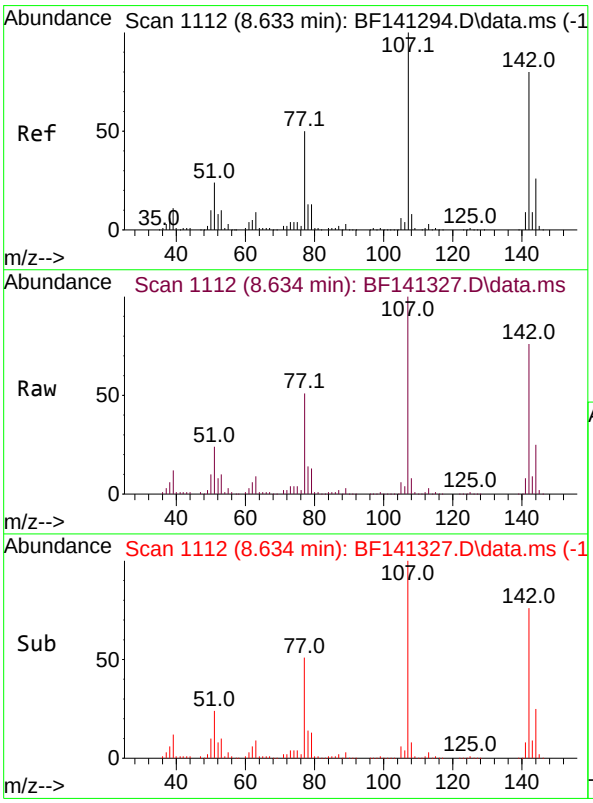
Ion	Ratio	Lower	Upper
113	100		
55	203.1	182.9	222.9
56	150.7	127.9	167.9



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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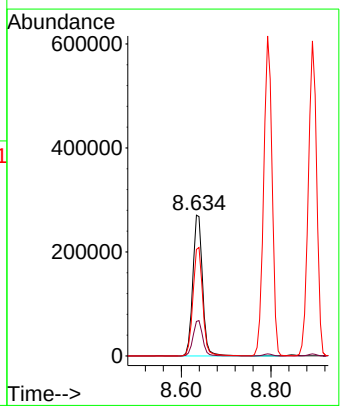
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

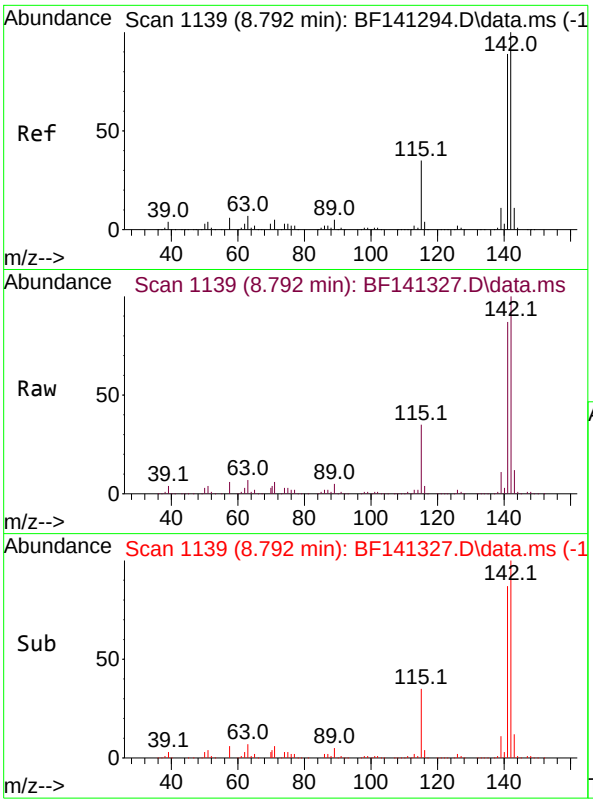


#36
4-Chloro-3-methylphenol
Concen: 40.122 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:107 Resp: 408024

Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.7	31.1
142	75.6	63.8	95.8

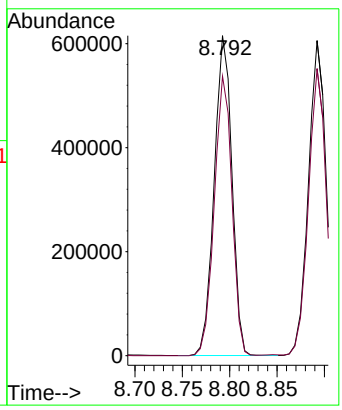




#37
2-Methylnaphthalene
Concen: 36.296 ng
RT: 8.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:142 Resp: 79979

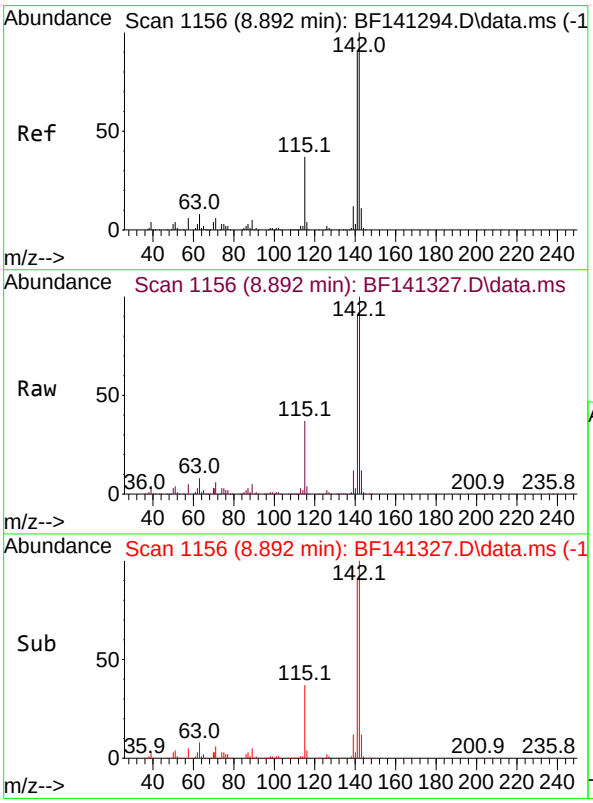
Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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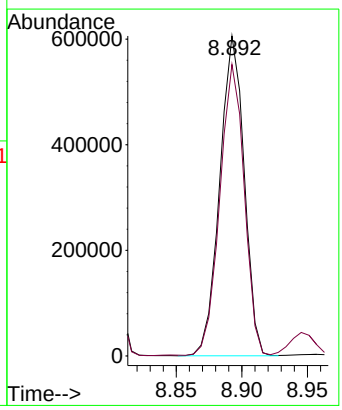
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

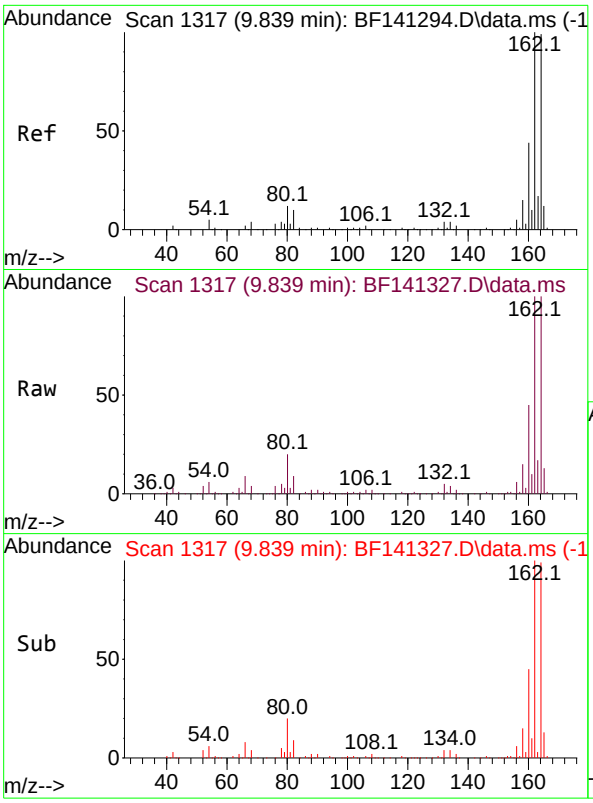


#38
1-Methylnaphthalene
Concen: 36.204 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:142 Resp: 783637

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8

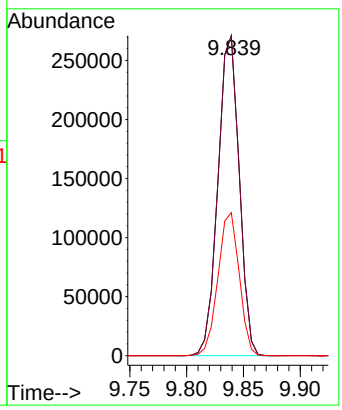




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:164 Resp: 35298

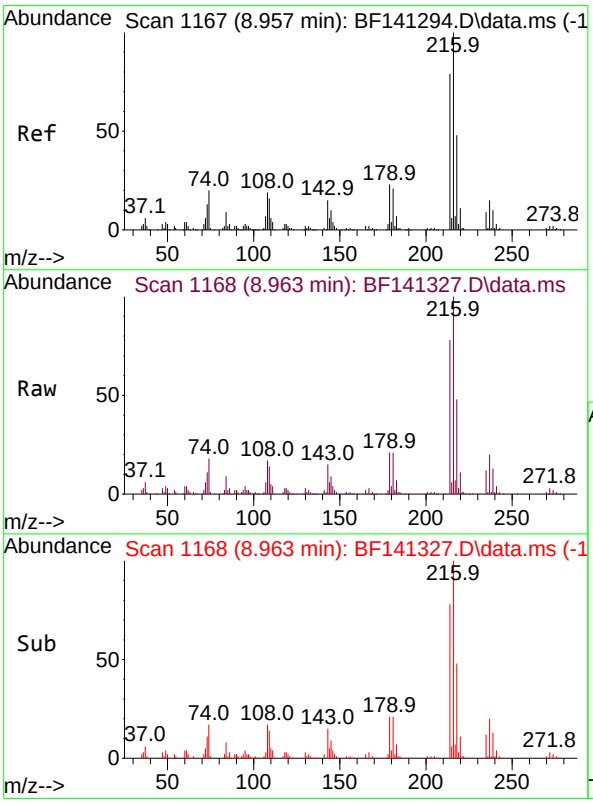
Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.7	35.8	53.6



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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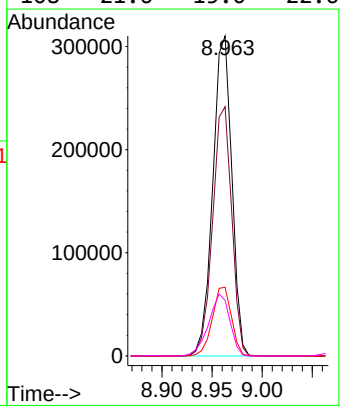
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

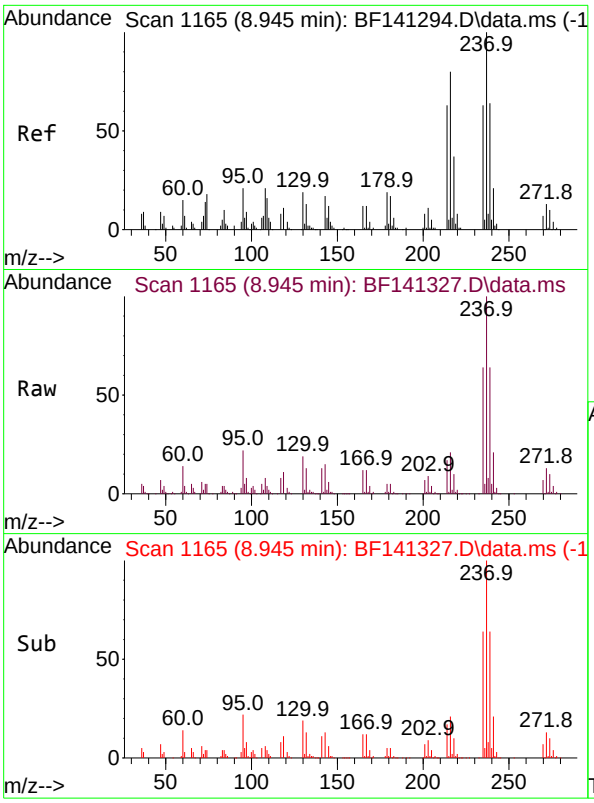


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.631 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:216 Resp: 408014

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	21.8	17.8	26.8
108	21.6	15.0	22.6

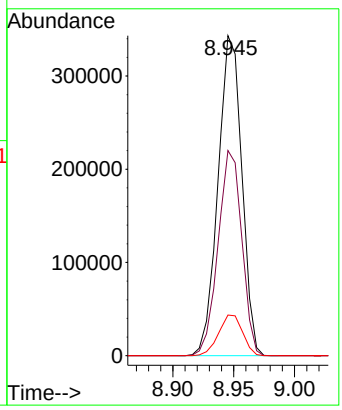




#41
Hexachlorocyclopentadiene
Concen: 157.562 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:237 Resp: 46728

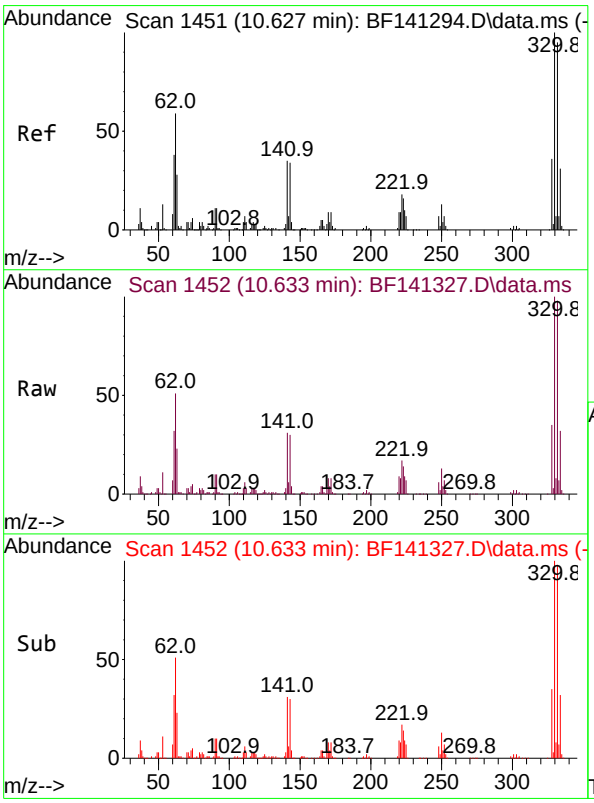
Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.9	82.9
272	12.7	0.0	32.8



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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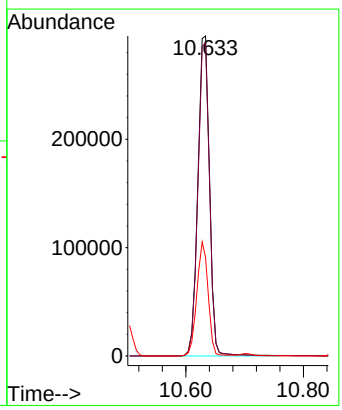
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

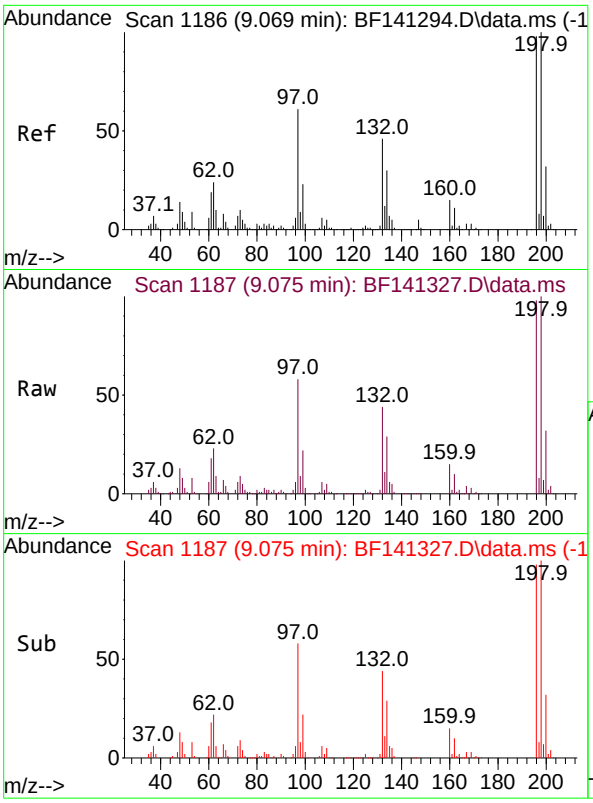


#42
2,4,6-Tribromophenol
Concen: 125.813 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:330 Resp: 407137

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	34.5	28.8	43.2

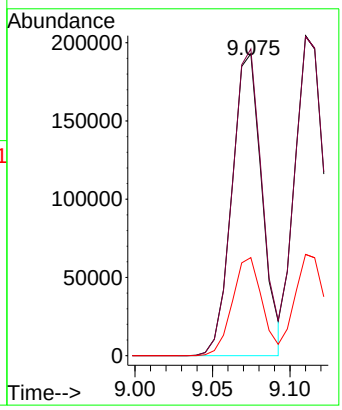




#43
2,4,6-Trichlorophenol
Concen: 39.568 ng
RT: 9.075 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:196 Resp: 26007

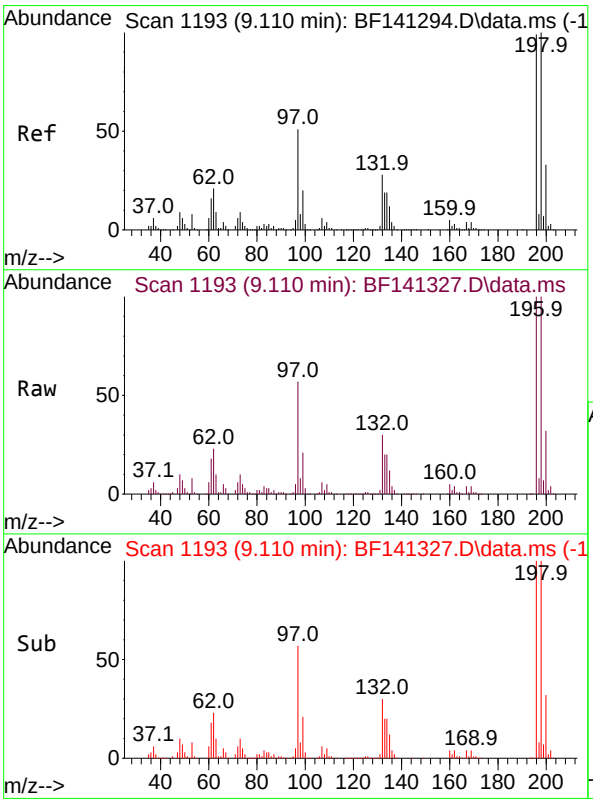
Ion	Ratio	Lower	Upper
196	100		
198	101.6	81.8	122.6
200	32.5	26.3	39.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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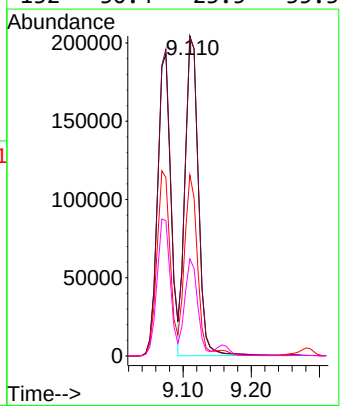
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

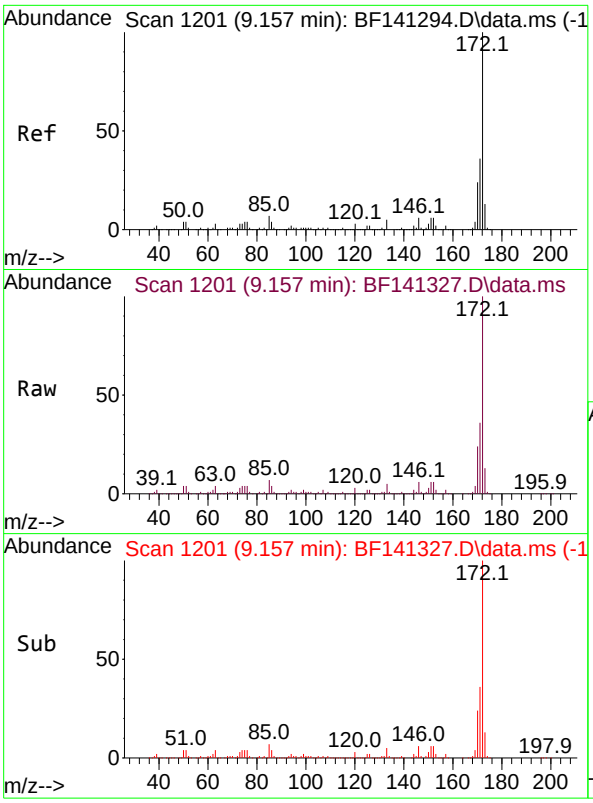


#44
2,4,5-Trichlorophenol
Concen: 38.364 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:196 Resp: 274449

Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.5	120.7
97	56.6	42.8	64.2
132	30.4	23.5	35.3

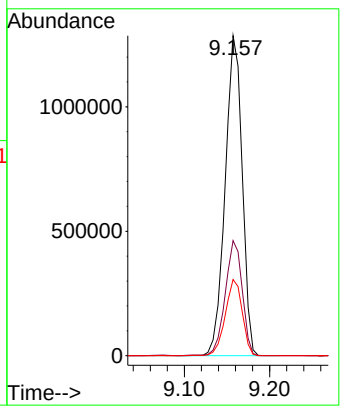




#45
2-Fluorobiphenyl
Concen: 77.813 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:172 Resp: 178450

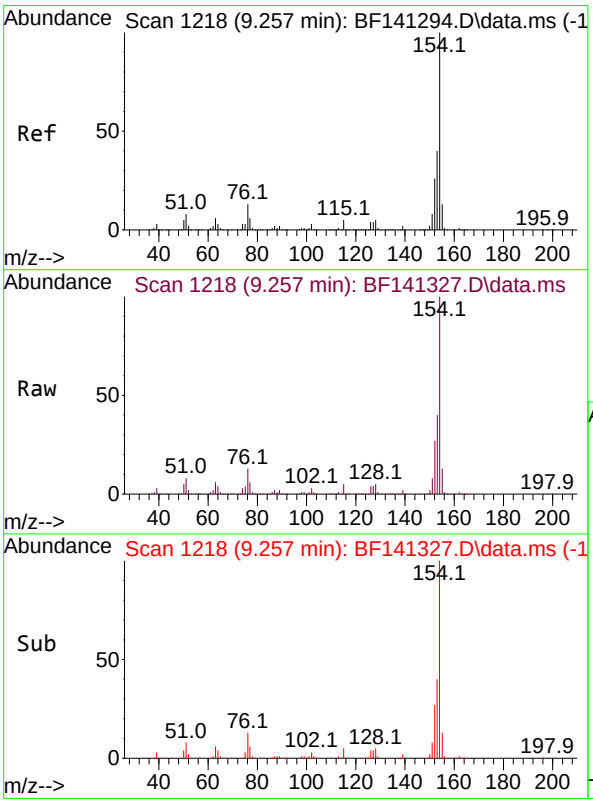
Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.8	19.0	28.6



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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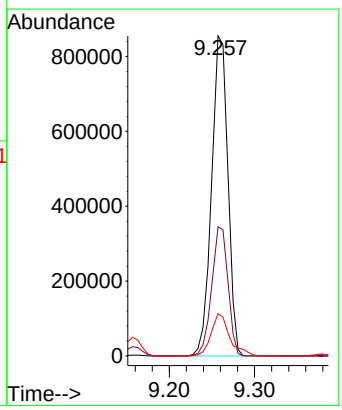
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

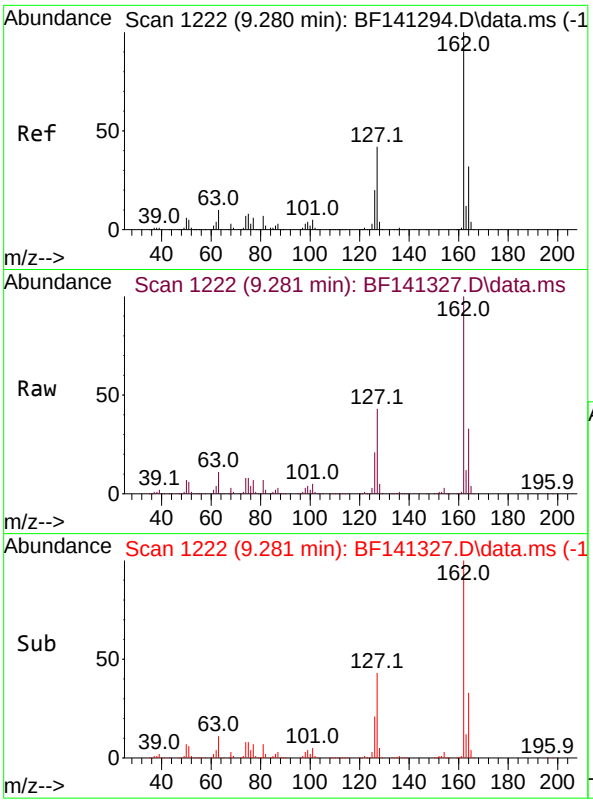


#46
1,1'-Biphenyl
Concen: 41.346 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:154 Resp: 1138200

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.0	60.0
76	13.2	0.0	32.8

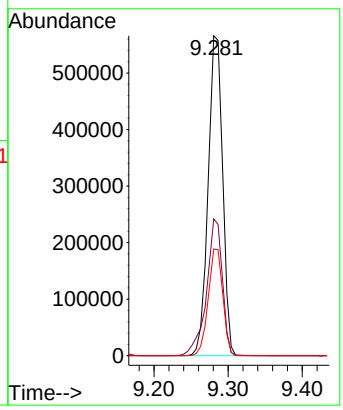




#47
2-Chloronaphthalene
Concen: 35.862 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:162 Resp: 76948

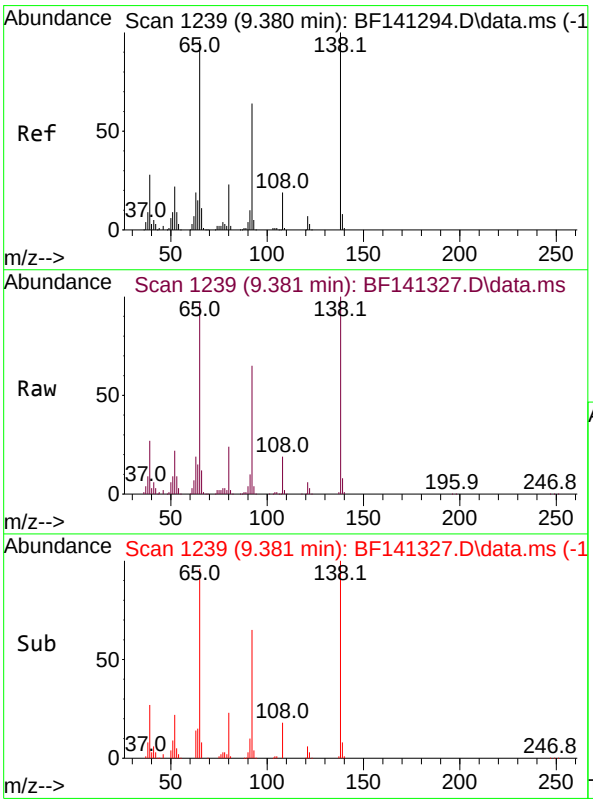
Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.7	50.5
164	33.4	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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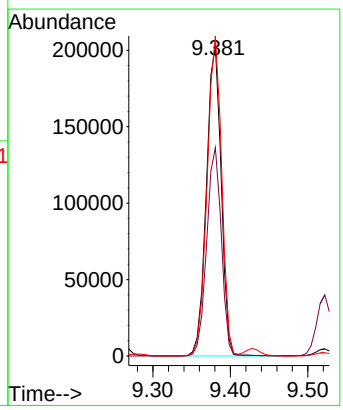
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

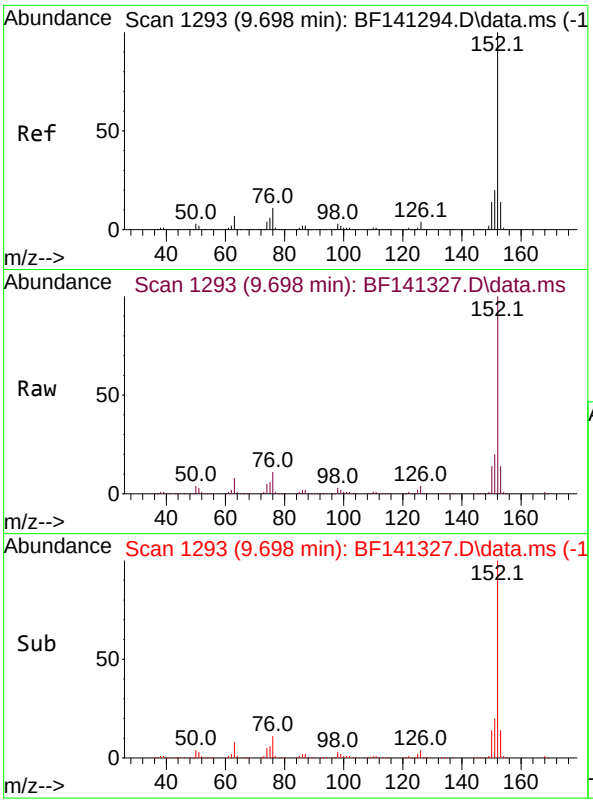


#48
2-Nitroaniline
Concen: 39.846 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 65 Resp: 268925

Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.3	79.9
138	103.3	83.6	125.4

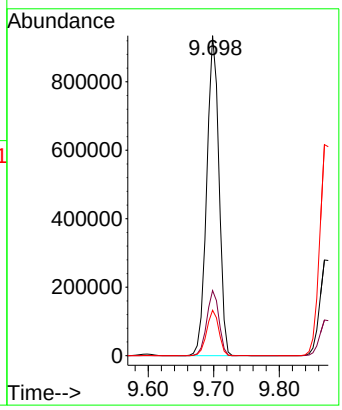




#49
Acenaphthylene
Concen: 40.342 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:152 Resp: 121171

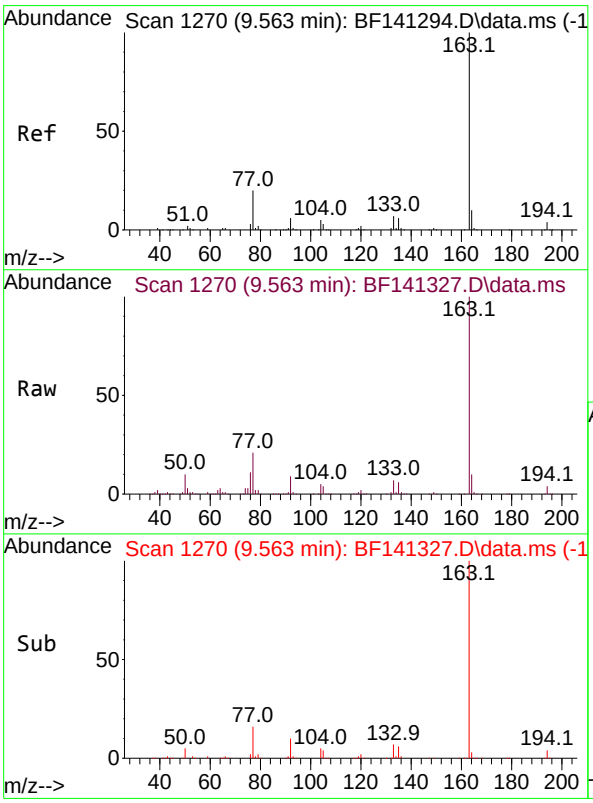
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.2	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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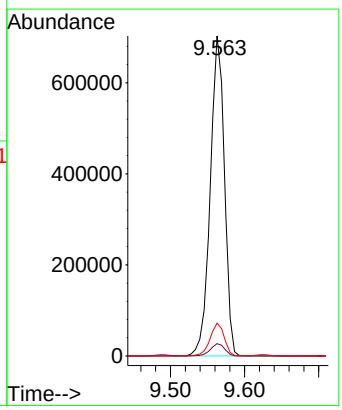
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

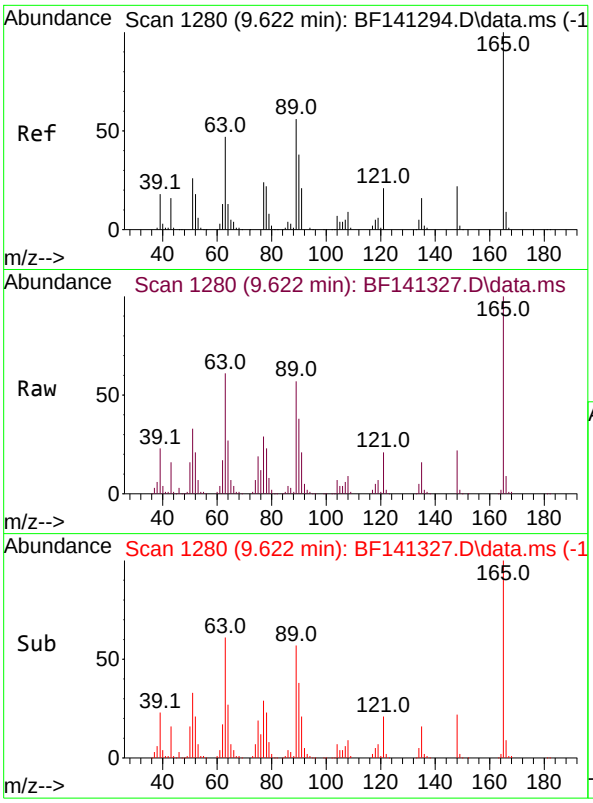


#50
Dimethylphthalate
Concen: 39.221 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:163 Resp: 935055

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 38.230 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

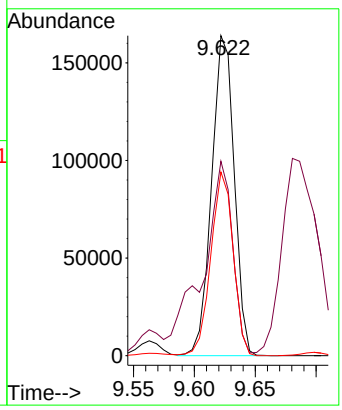
Tgt Ion:165 Resp: 21162

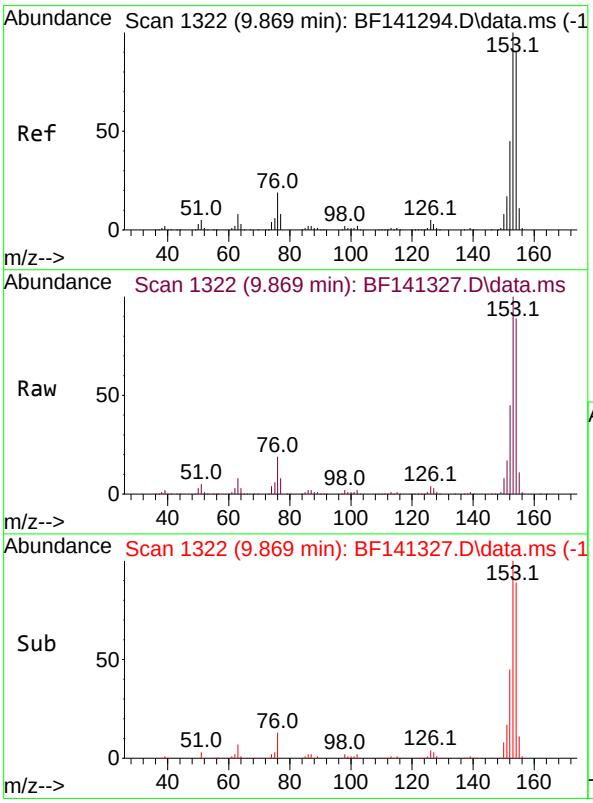
Ion	Ratio	Lower	Upper
165	100		
63	60.7	48.1	72.1
89	57.4	44.9	67.3

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

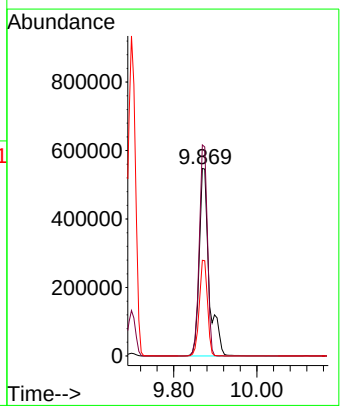


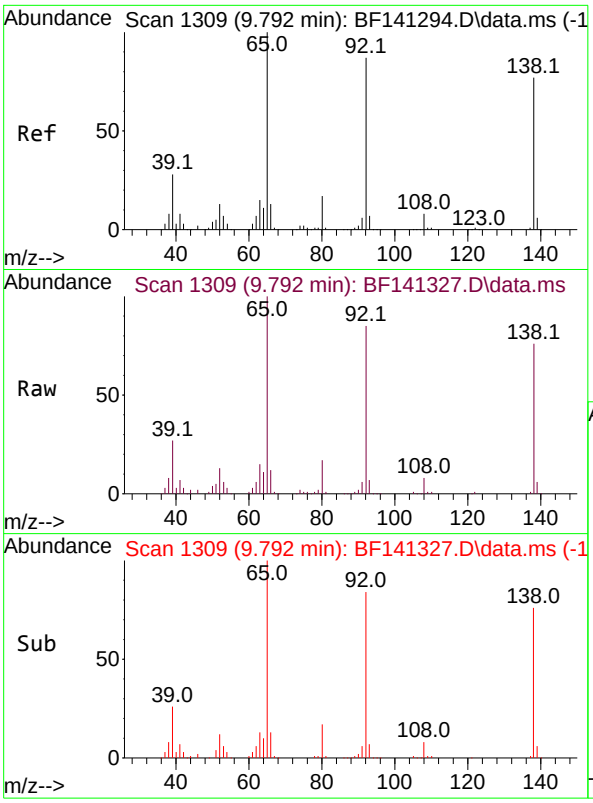


#52
Acenaphthene
Concen: 42.218 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:154 Resp: 905912

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.0	133.4
152	51.1	40.2	60.4





#53
3-Nitroaniline
Concen: 19.896 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

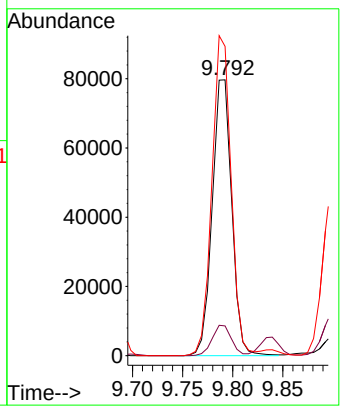
Tgt Ion:138 Resp: 10794

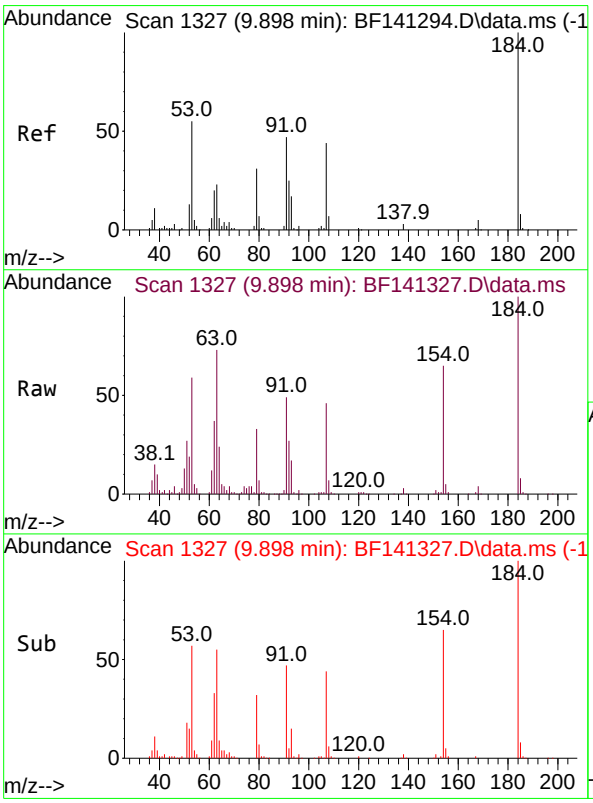
Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	112.1	91.0	136.6

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

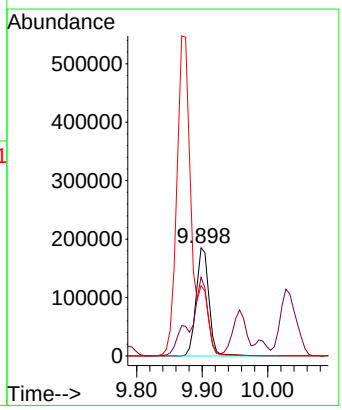


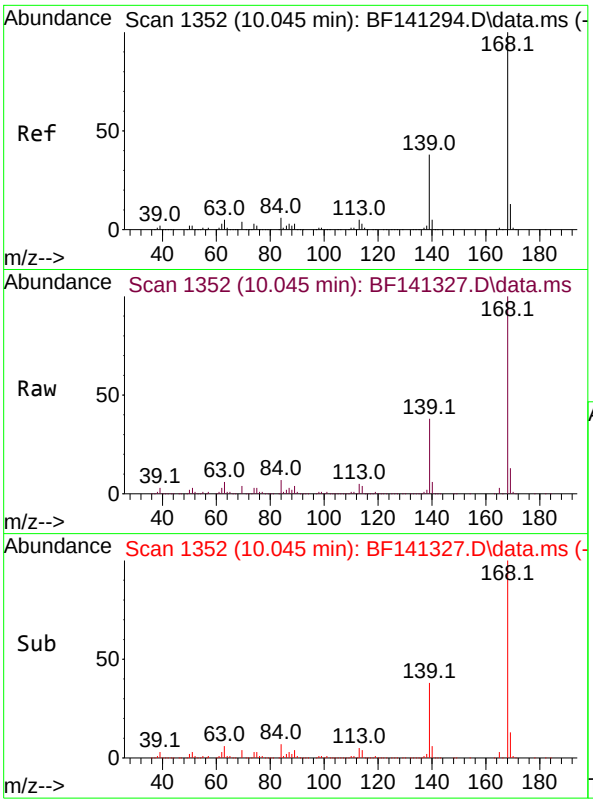


#54
2,4-Dinitrophenol
Concen: 98.257 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:184 Resp: 252834

Ion	Ratio	Lower	Upper
184	100		
63	72.7	54.1	81.1
154	64.8	50.7	76.1

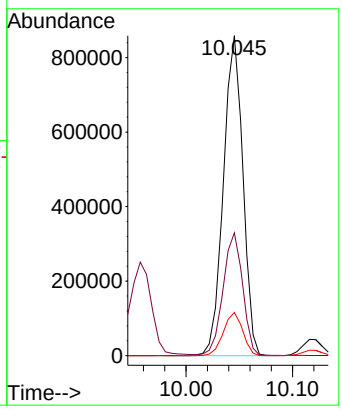




#55
Dibenzofuran
Concen: 37.933 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:168 Resp: 108951

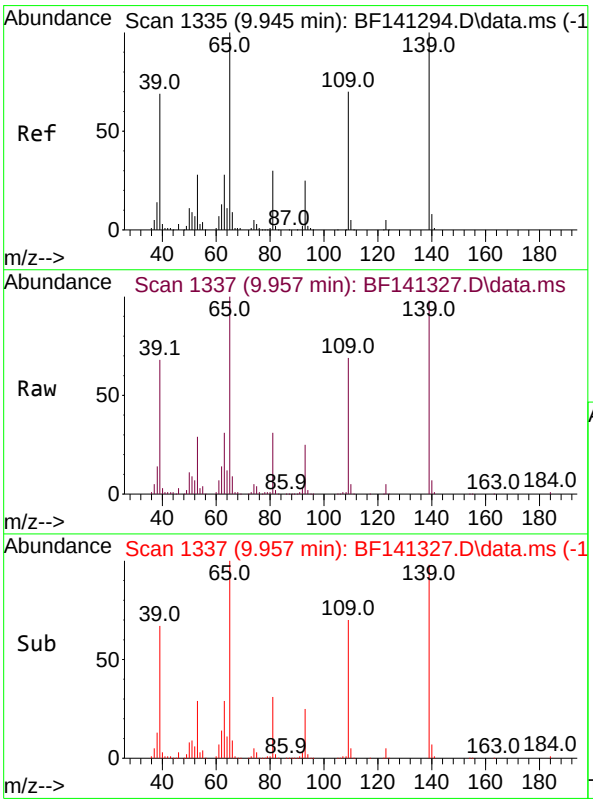
Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	46.0
169	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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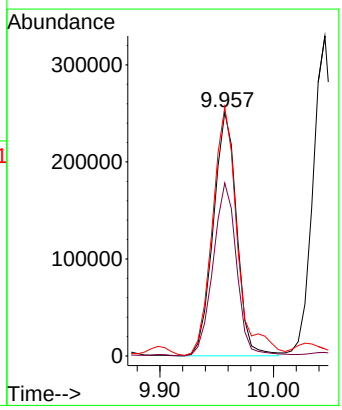
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

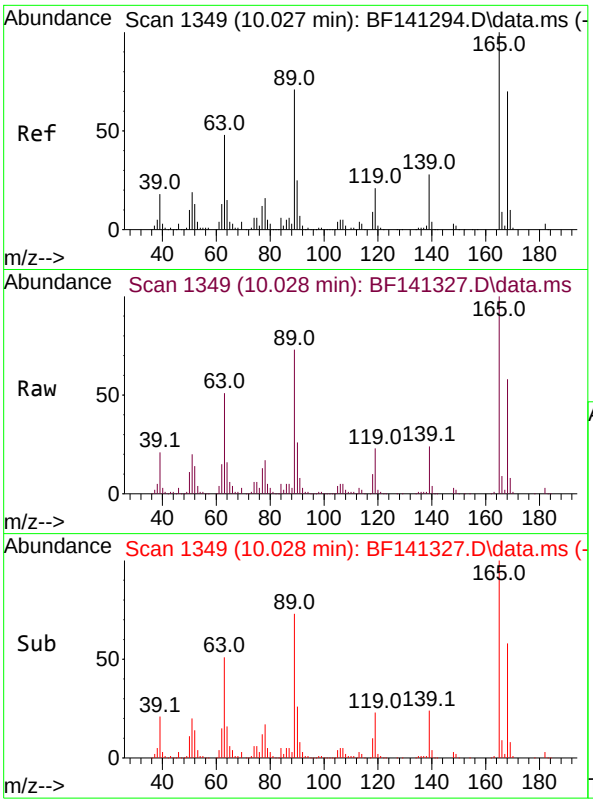


#56
4-Nitrophenol
Concen: 90.432 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 358814

Ion	Ratio	Lower	Upper
139	100		
109	70.9	50.2	90.2
65	102.1	80.6	120.6

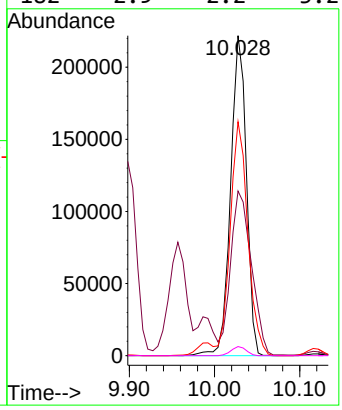




#57
2,4-Dinitrotoluene
Concen: 39.808 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:165 Resp: 28530

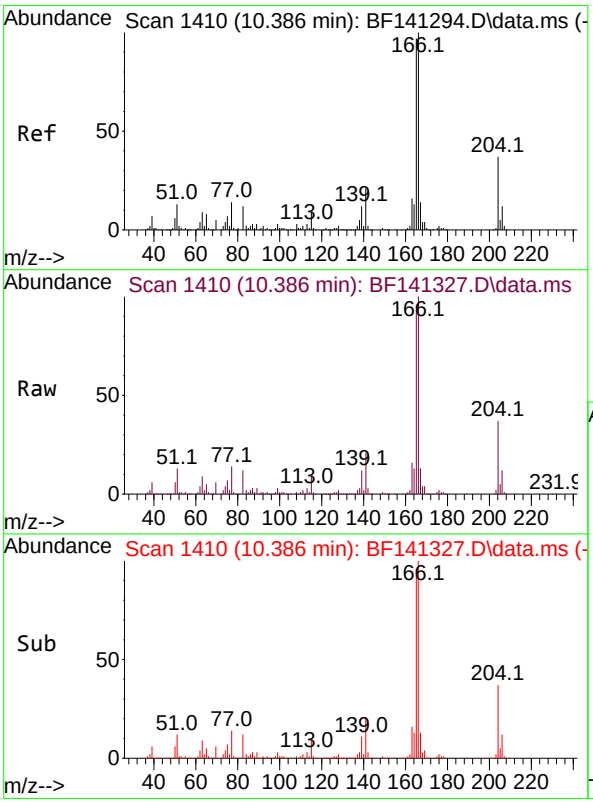
Ion	Ratio	Lower	Upper
165	100		
63	51.4	39.2	58.8
89	73.1	56.9	85.3
182	2.9	2.2	3.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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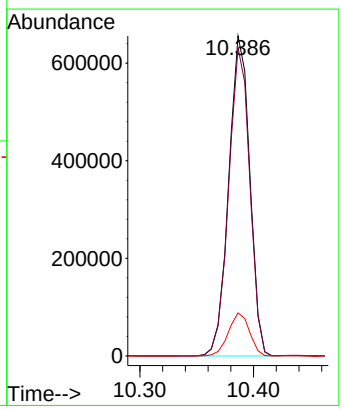
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

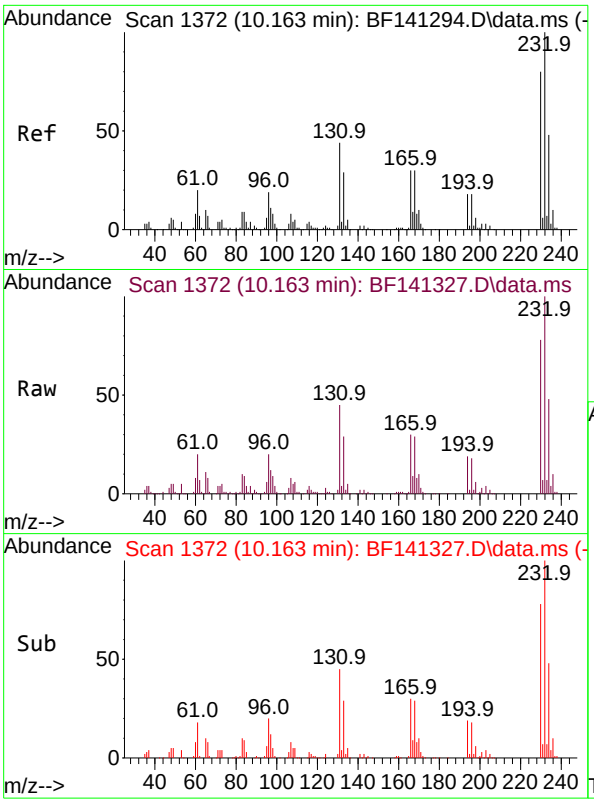


#58
Fluorene
Concen: 37.898 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:166 Resp: 844352

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.5	116.3
167	13.5	10.9	16.3

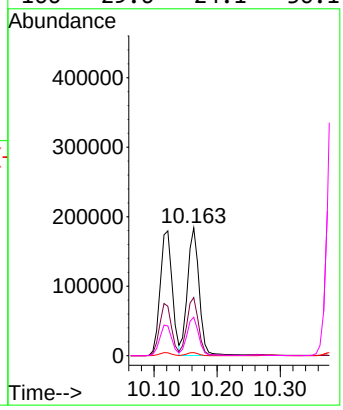




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.298 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:232 Resp: 23805

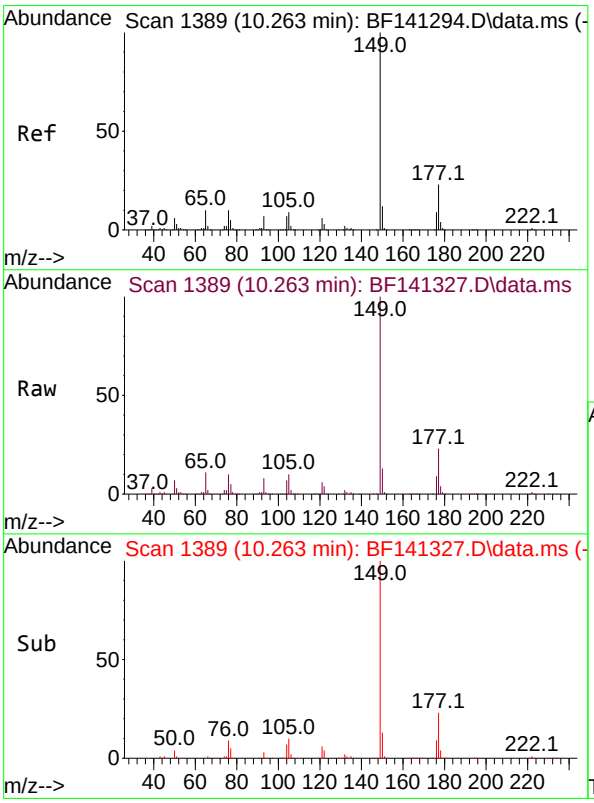
Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.4	54.6
130	2.4	1.9	2.9
166	29.6	24.1	36.1



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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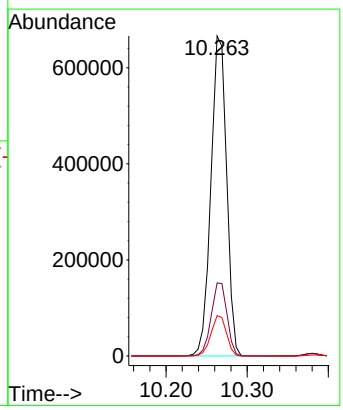
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

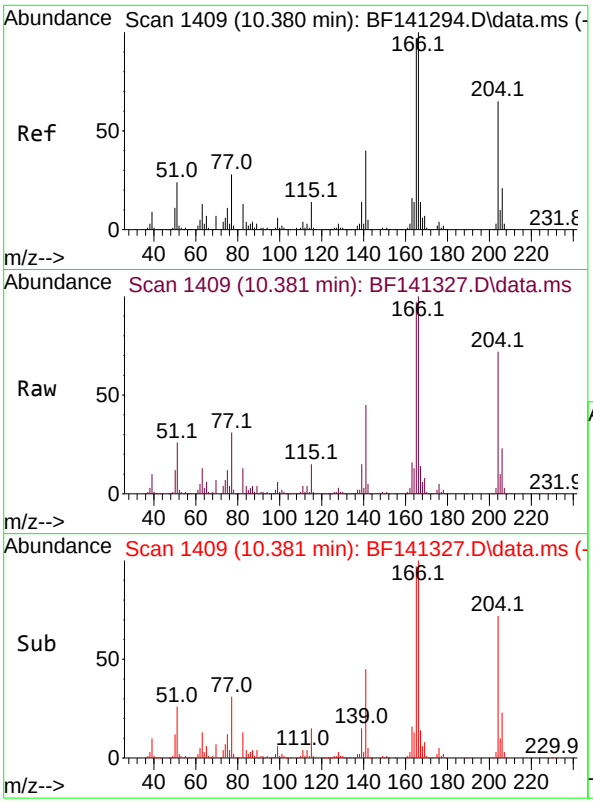


#60
Diethylphthalate
Concen: 38.644 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 893307

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.6	10.0	15.0

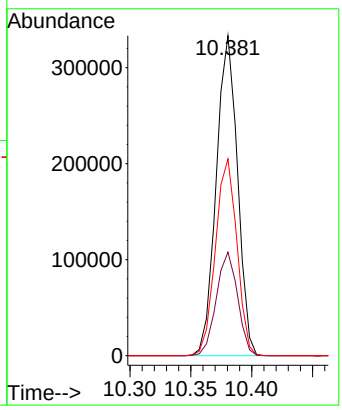




#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 10.381 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:204 Resp: 40564

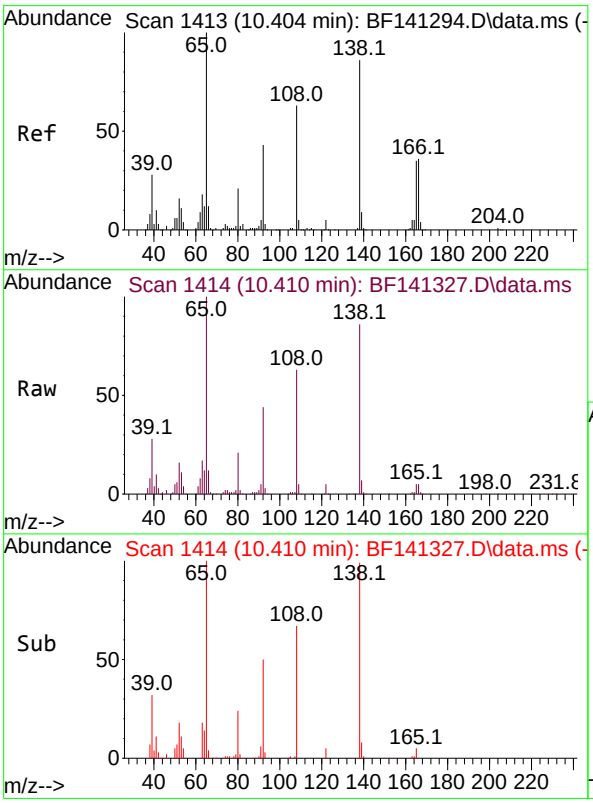
Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	61.5	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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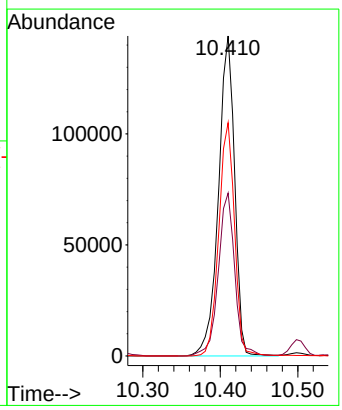
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

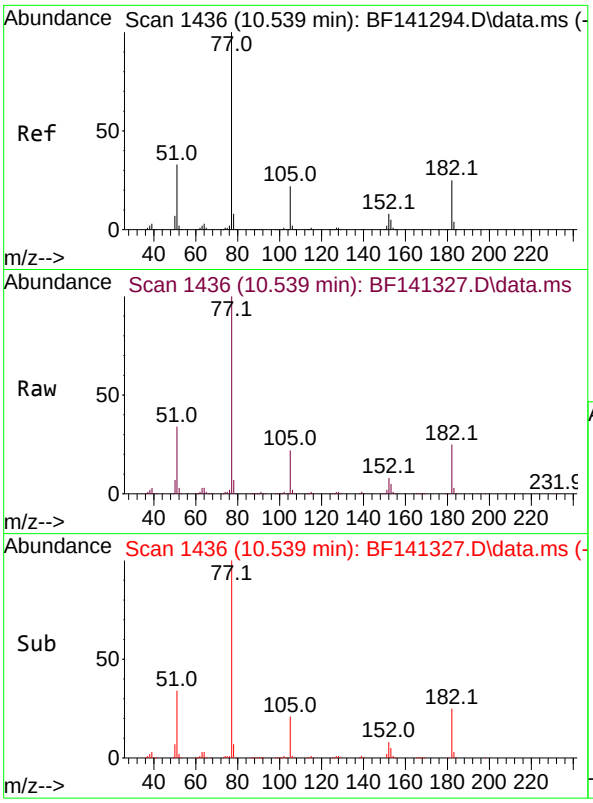


#62
4-Nitroaniline
Concen: 39.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:138 Resp: 209172

Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.1	70.1
108	72.9	53.1	93.1

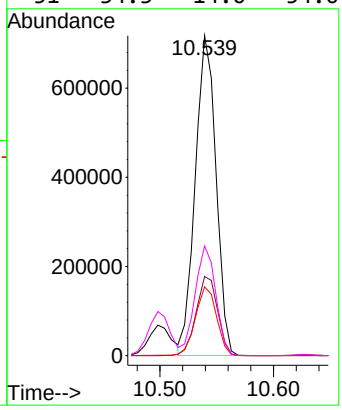




#63
Azobenzene
Concen: 39.412 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 77 Resp: 91193

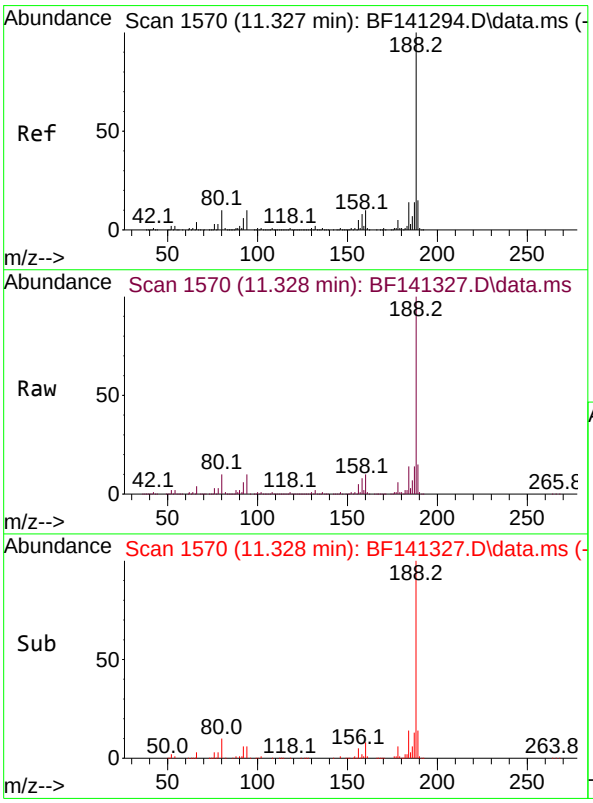
Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.1	45.1
105	21.5	1.8	41.8
51	34.3	14.0	54.0



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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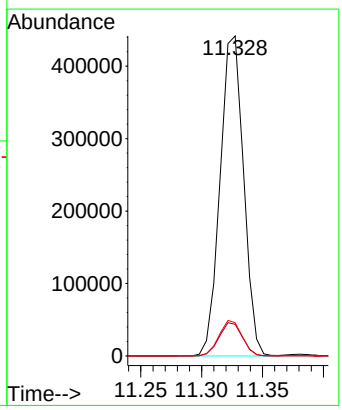
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

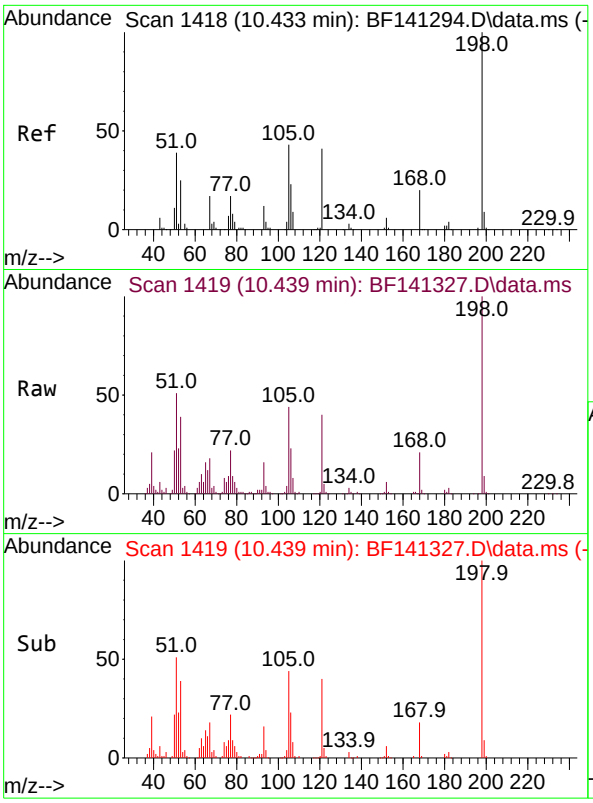


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:188 Resp: 593804

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.4	8.2	12.4

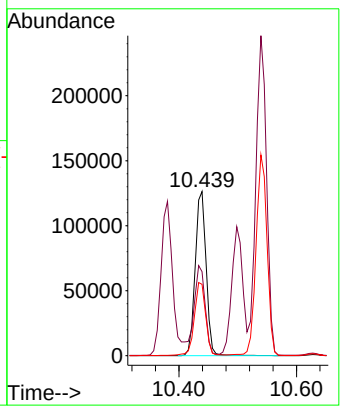




#65
4,6-Dinitro-2-methylphenol
Concen: 46.381 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:198 Resp: 16290

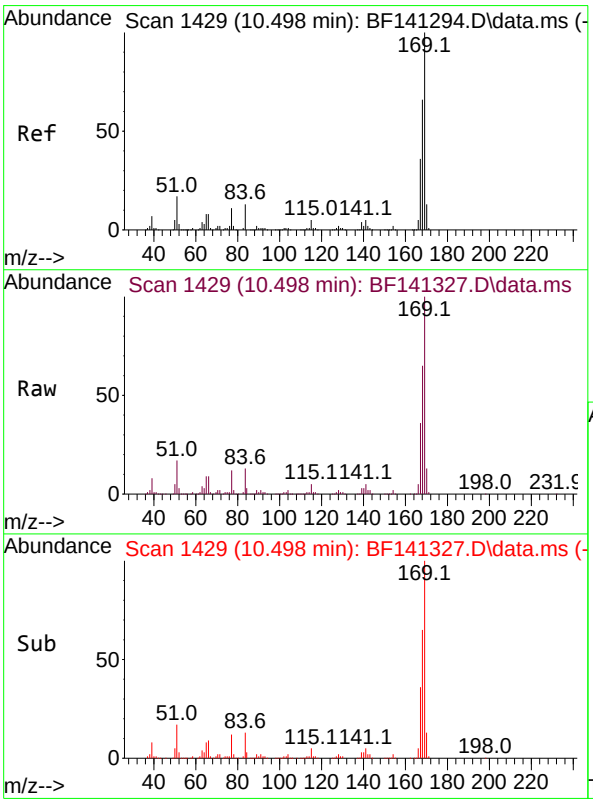
Ion	Ratio	Lower	Upper
198	100		
51	51.1	33.4	73.4
105	43.5	24.4	64.4



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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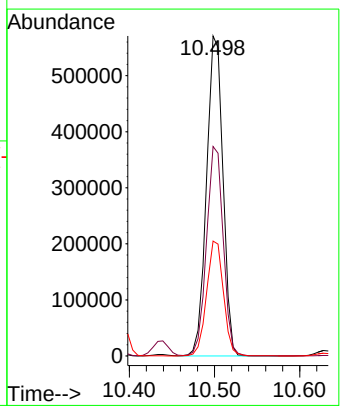
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

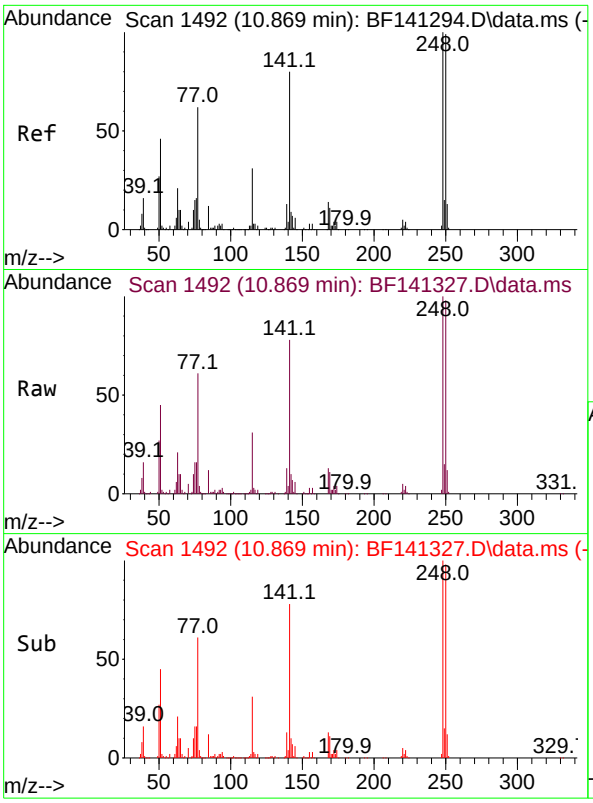


#66
n-Nitrosodiphenylamine
Concen: 39.769 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:169 Resp: 763790

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.0	79.4
167	35.9	28.8	43.2





#67
4-Bromophenyl-phenylether
Concen: 39.206 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

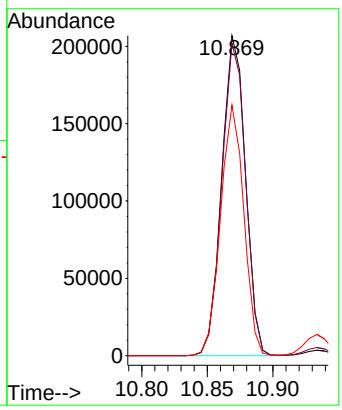
Tgt Ion:248 Resp: 26063

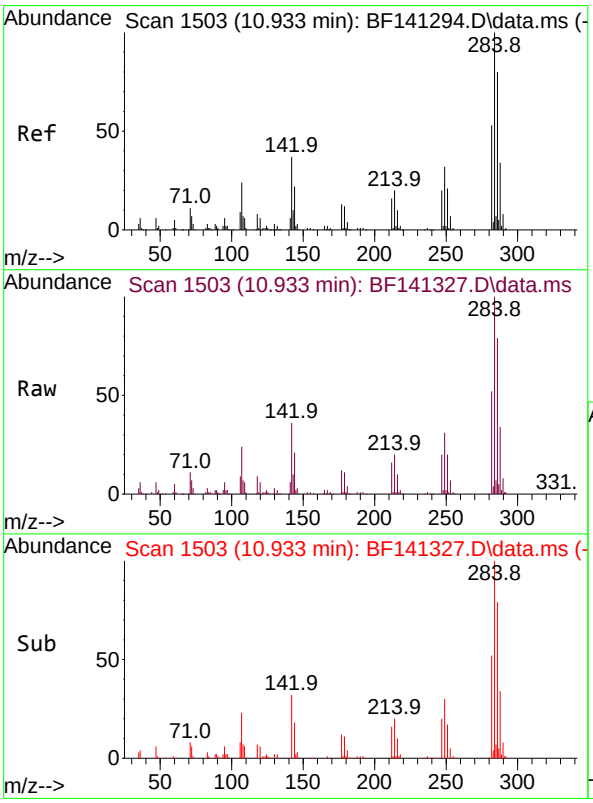
Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.4
141	78.3	63.7	95.5

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

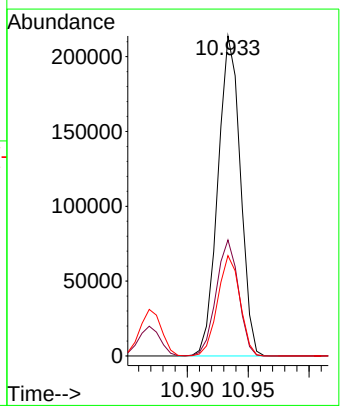


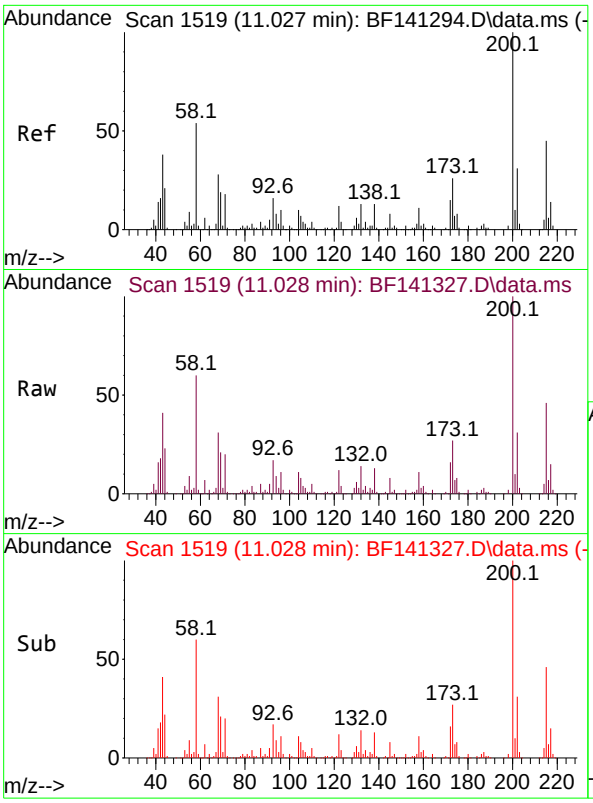


#68
Hexachlorobenzene
Concen: 38.931 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:284 Resp: 274528

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.5	44.3
249	31.3	25.4	38.2

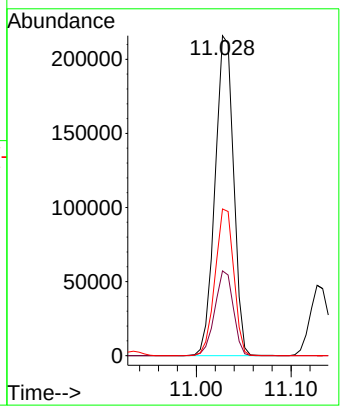




#69
Atrazine
Concen: 45.813 ng
RT: 11.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:200 Resp: 29418

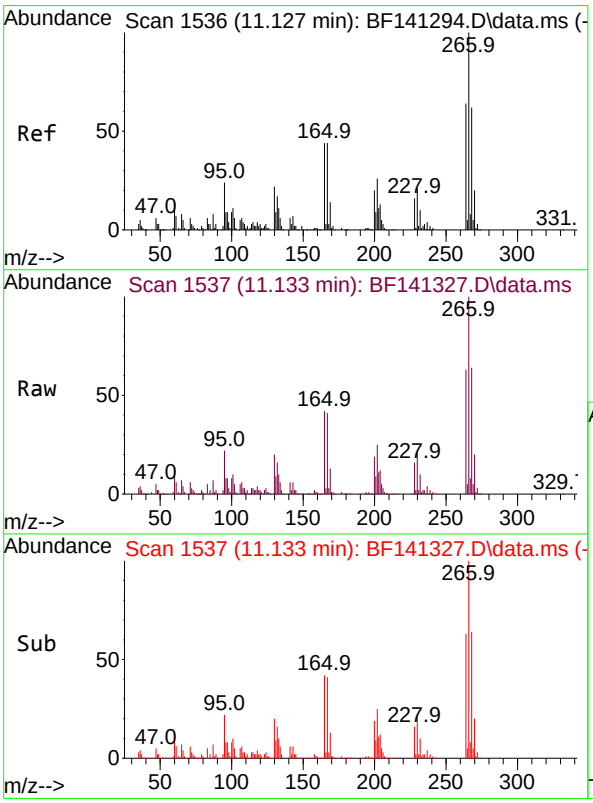
Ion	Ratio	Lower	Upper
200	100		
173	26.5	5.9	45.9
215	45.9	25.2	65.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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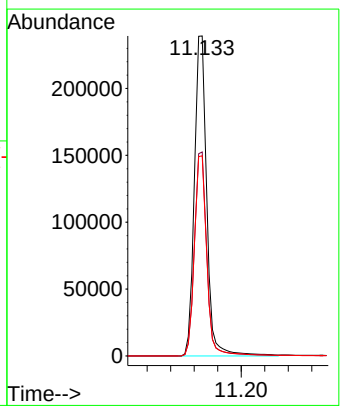
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

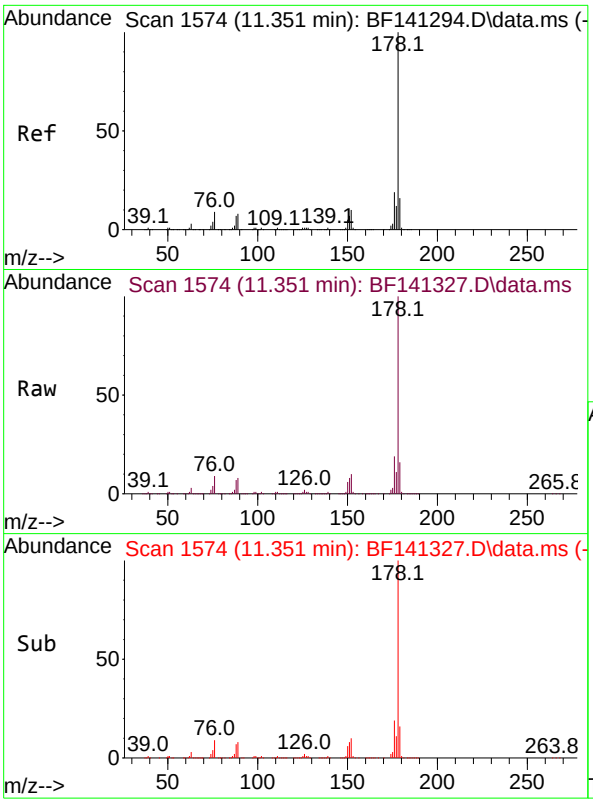


#70
Pentachlorophenol
Concen: 84.735 ng
RT: 11.133 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:266 Resp: 349899

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	62.6	51.0	76.4

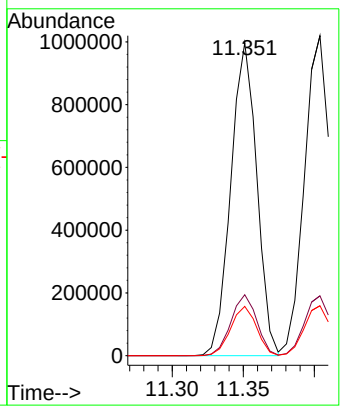




#71
Phenanthrene
Concen: 39.784 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:178 Resp: 126988

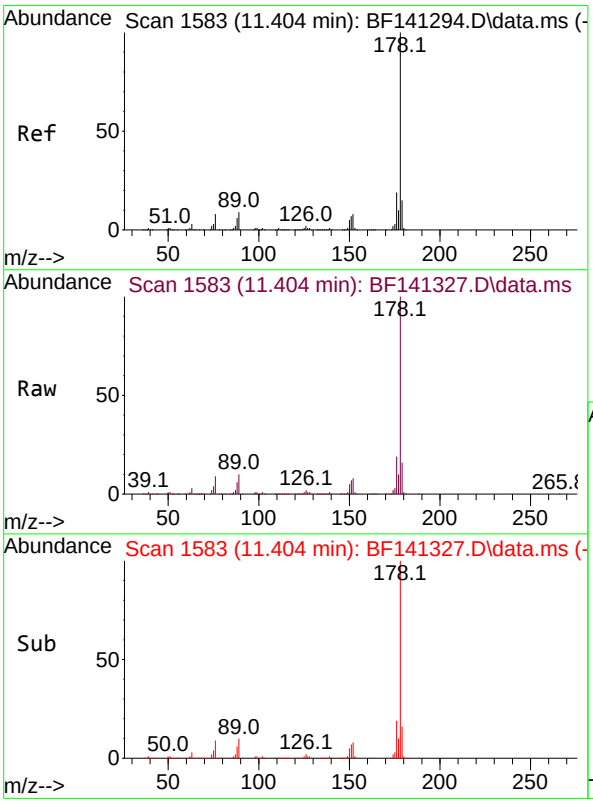
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

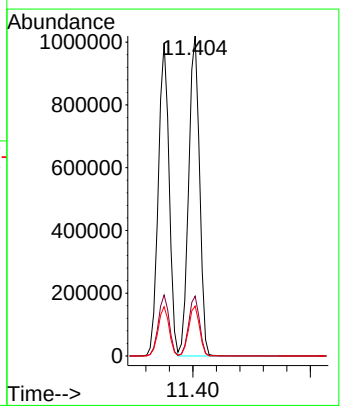
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

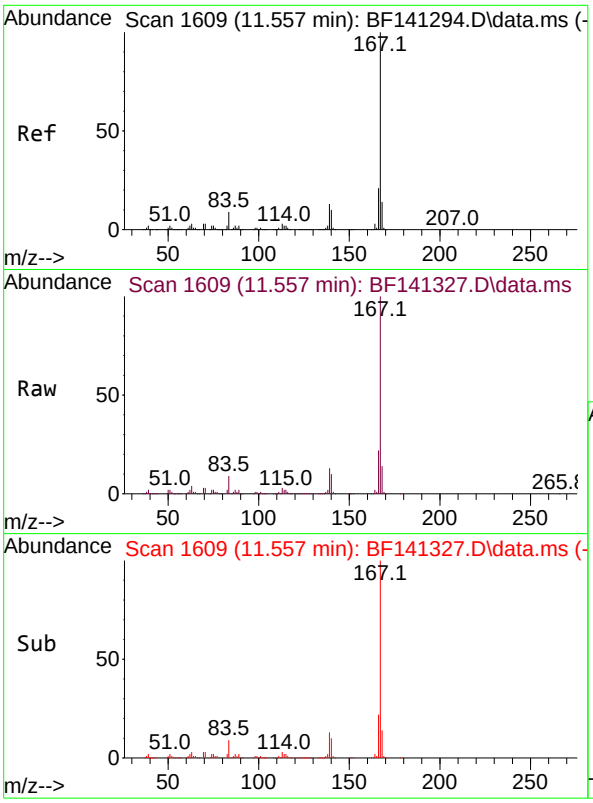


#72
Anthracene
Concen: 41.630 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:178 Resp: 1302000

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5

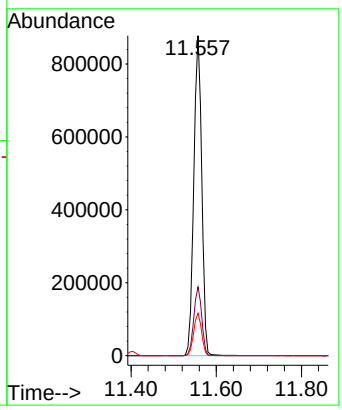




#73
Carbazole
Concen: 40.994 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:167 Resp: 113685

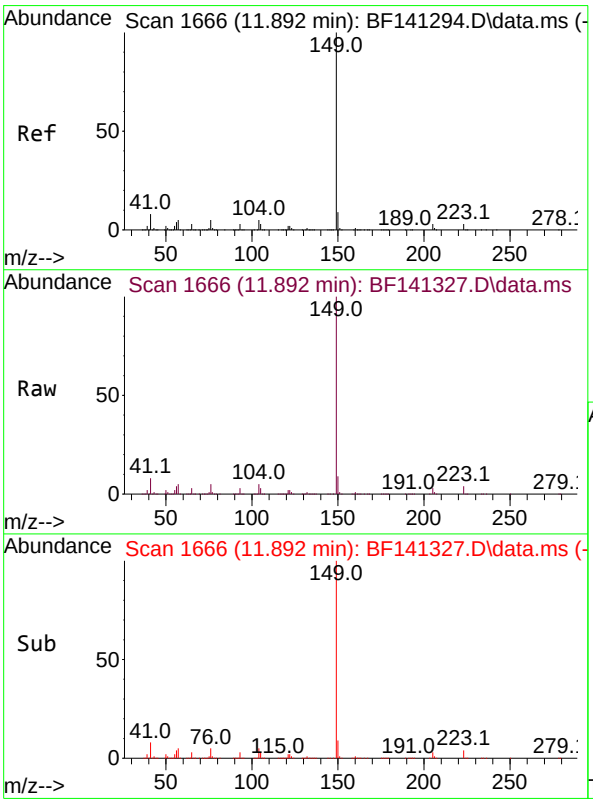
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.3	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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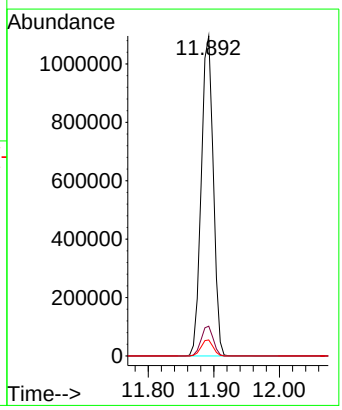
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

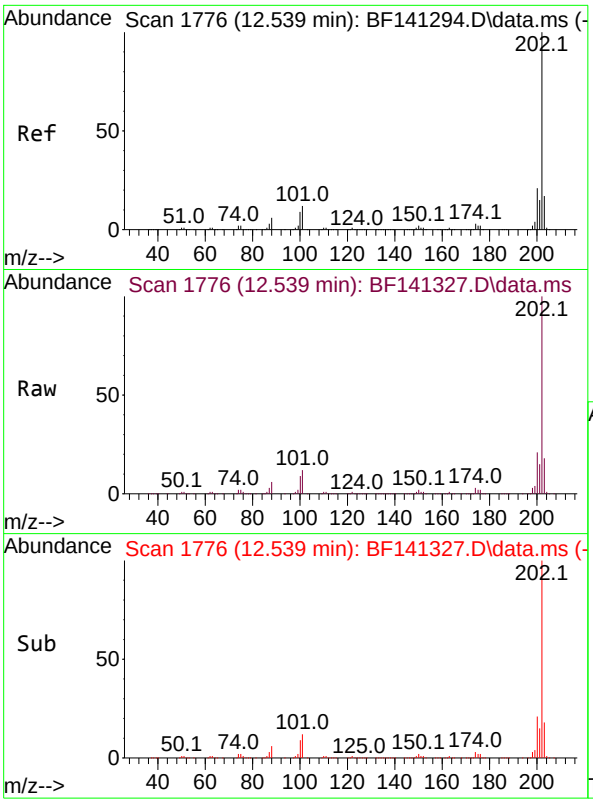


#74
Di-n-butylphthalate
Concen: 41.703 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 1401598

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9

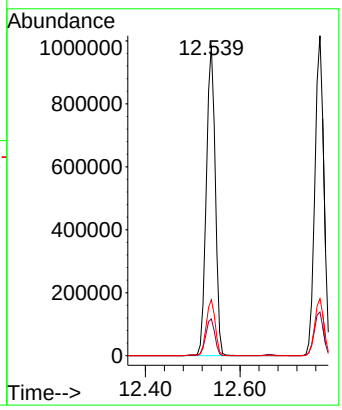




#75
Fluoranthene
Concen: 40.929 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:202 Resp: 128995

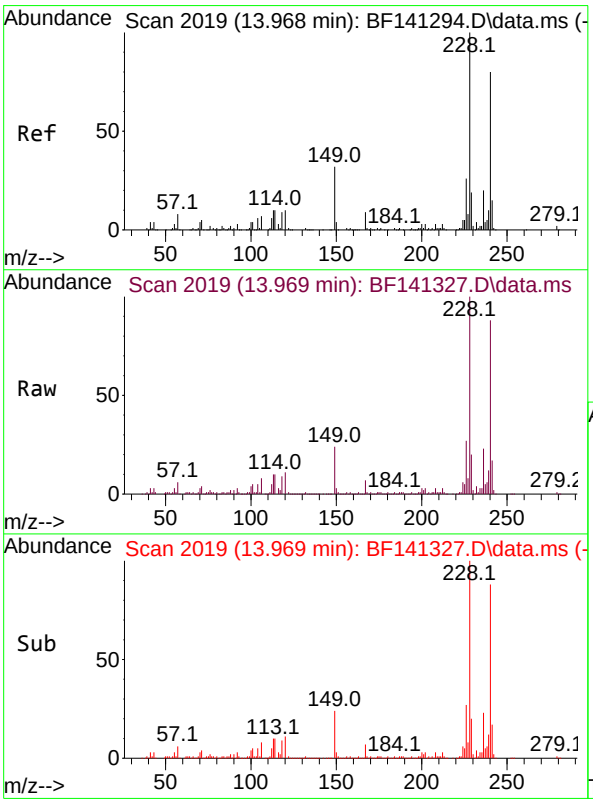
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	18.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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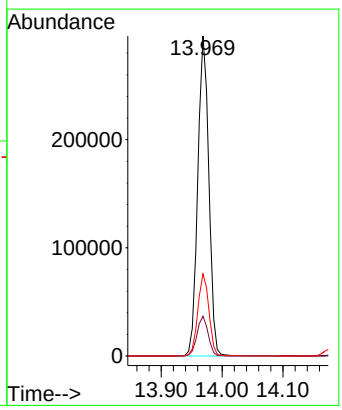
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

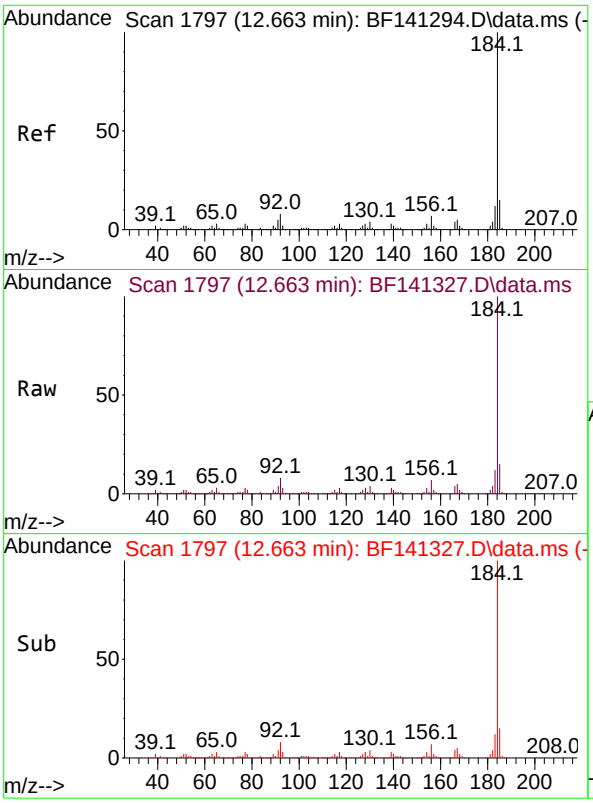


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:240 Resp: 372769

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	25.6	19.7	29.5





#77
Benzidine
Concen: 59.932 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

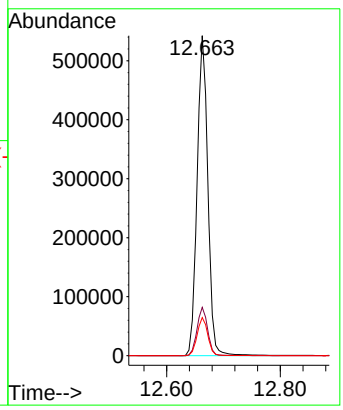
Tgt Ion:184 Resp: 71620

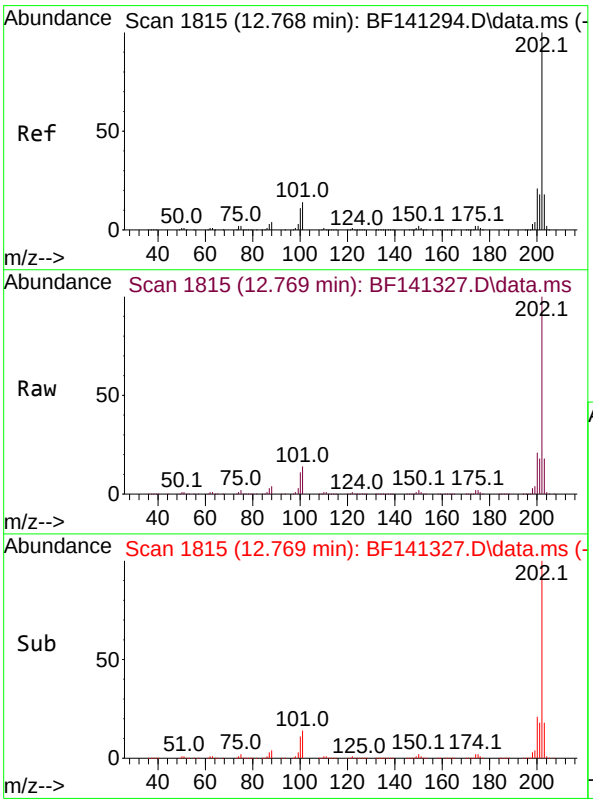
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.9	9.5	14.3

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

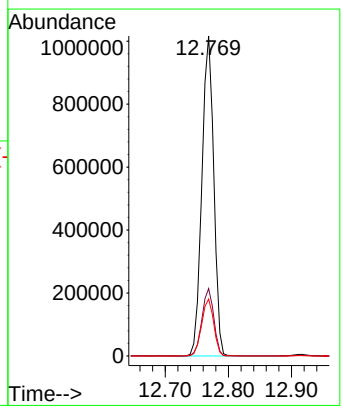


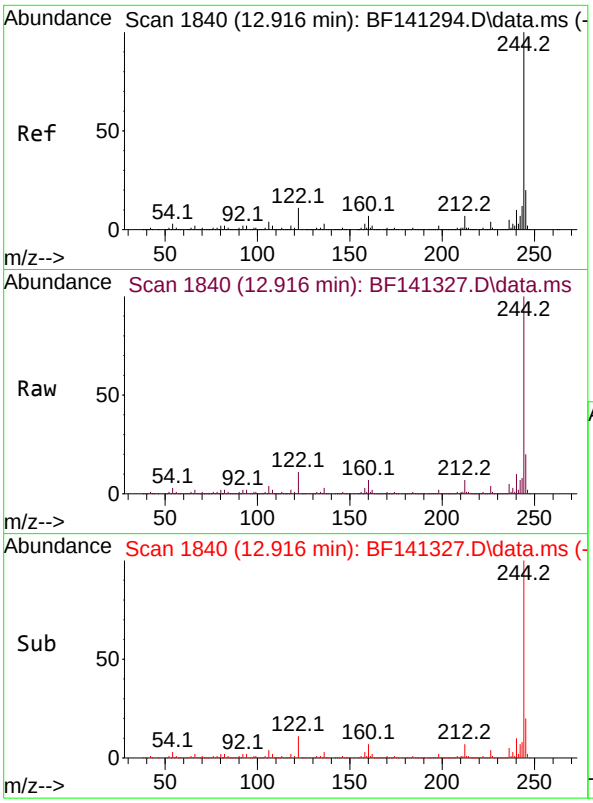


#78
Pyrene
Concen: 37.024 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:202 Resp: 1324799

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.3	21.5

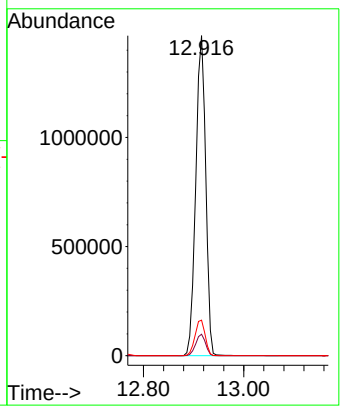




#79
Terphenyl-d14
Concen: 83.221 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:244 Resp: 201157

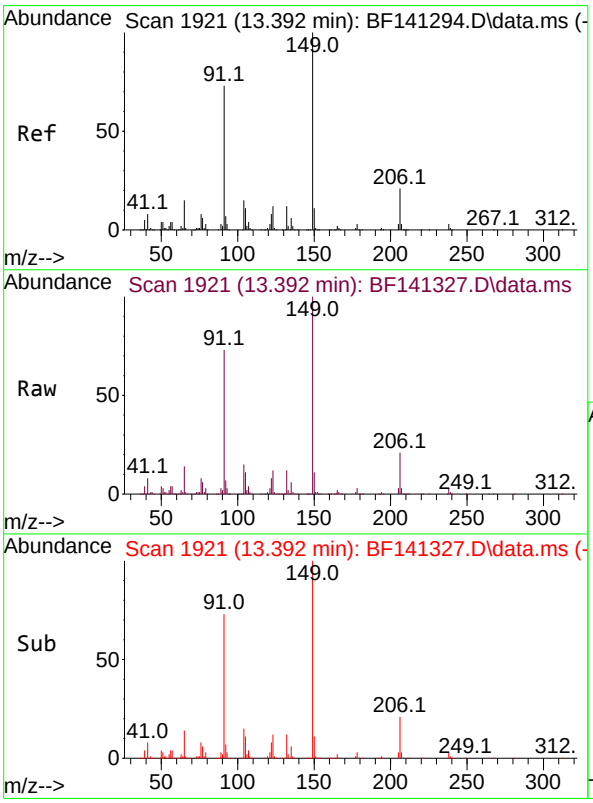
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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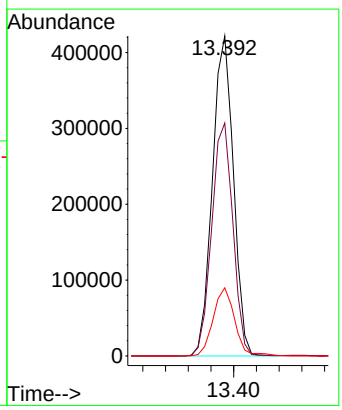
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

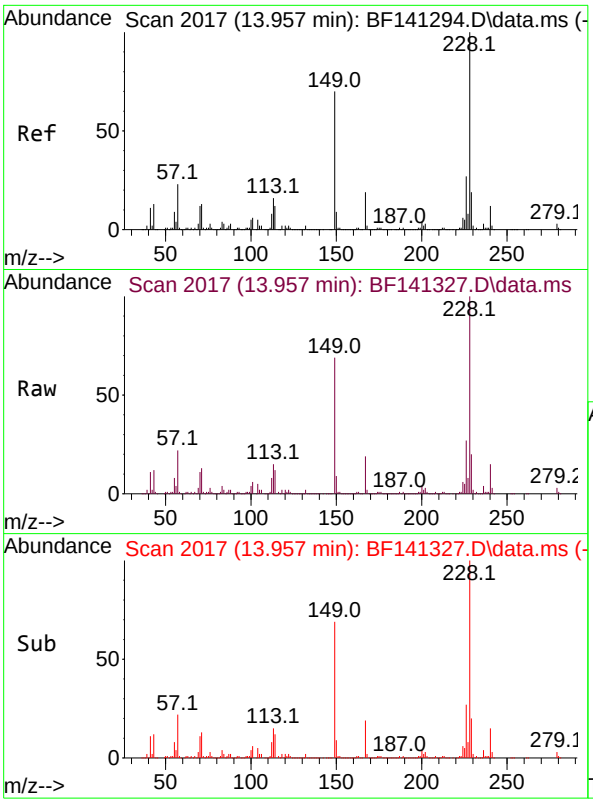


#80
Butylbenzylphthalate
Concen: 43.342 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 541805

Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.6	87.8
206	21.3	16.7	25.1

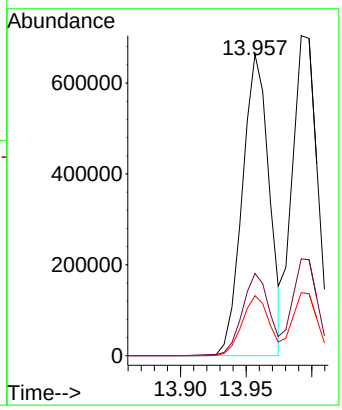




#81
Benzo(a)anthracene
Concen: 36.655 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:228 Resp: 94289

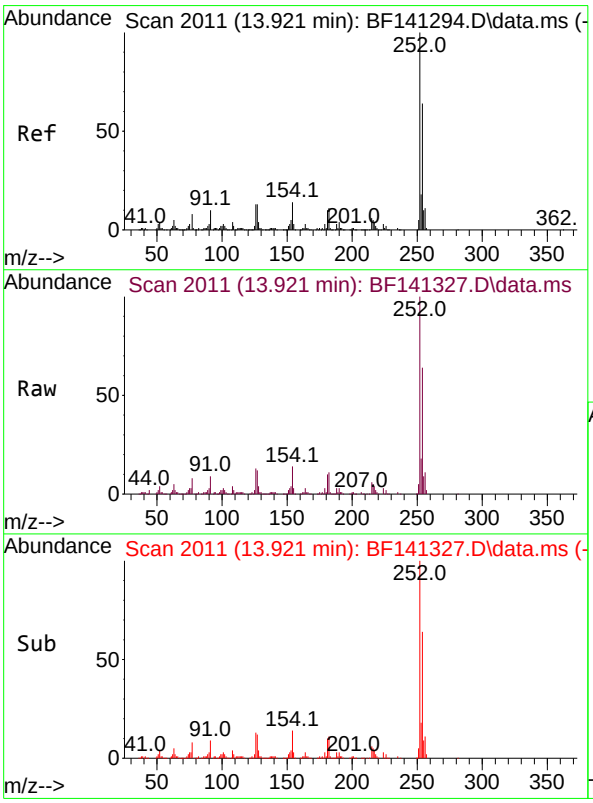
Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.9	15.5	23.3



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

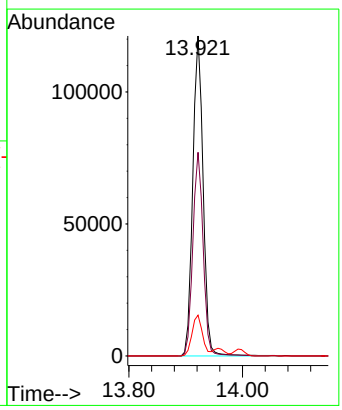
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

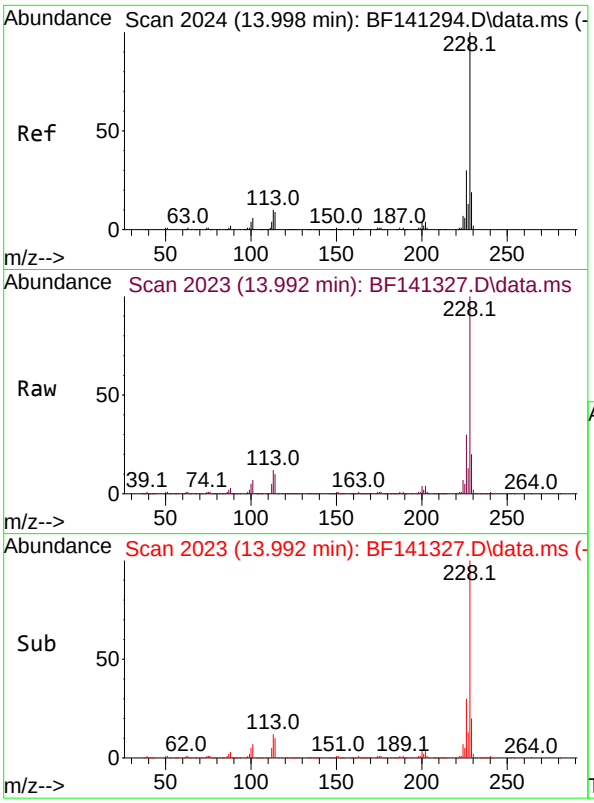


#82
3,3'-Dichlorobenzidine
Concen: 18.863 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 154325

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	12.7	10.0	15.0

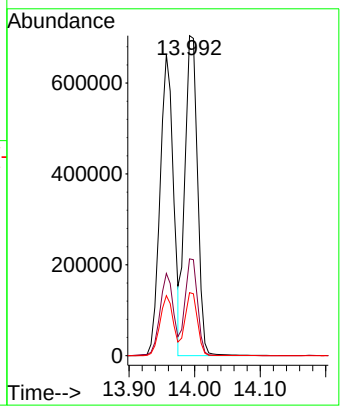




#83
Chrysene
Concen: 39.853 ng
RT: 13.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:228 Resp: 93951

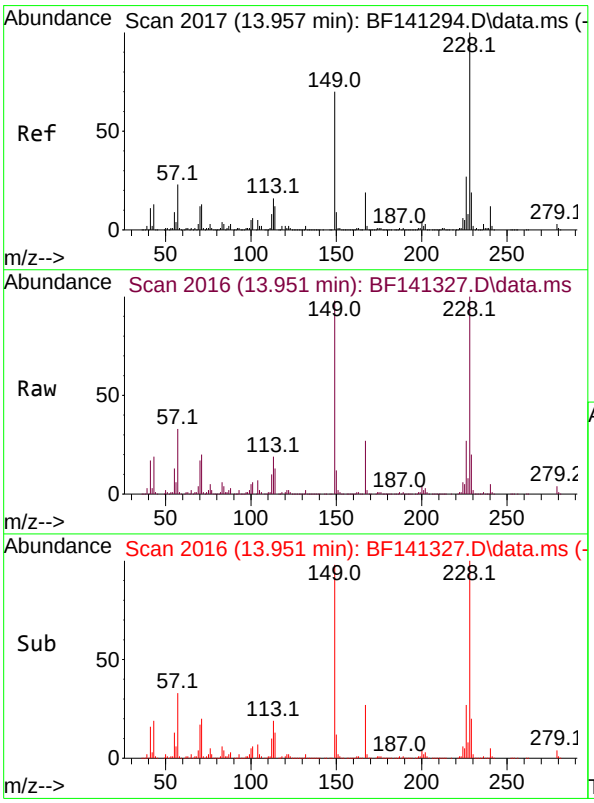
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.7	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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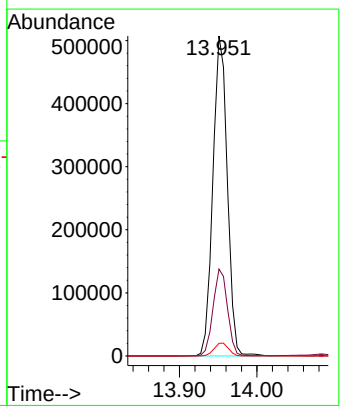
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

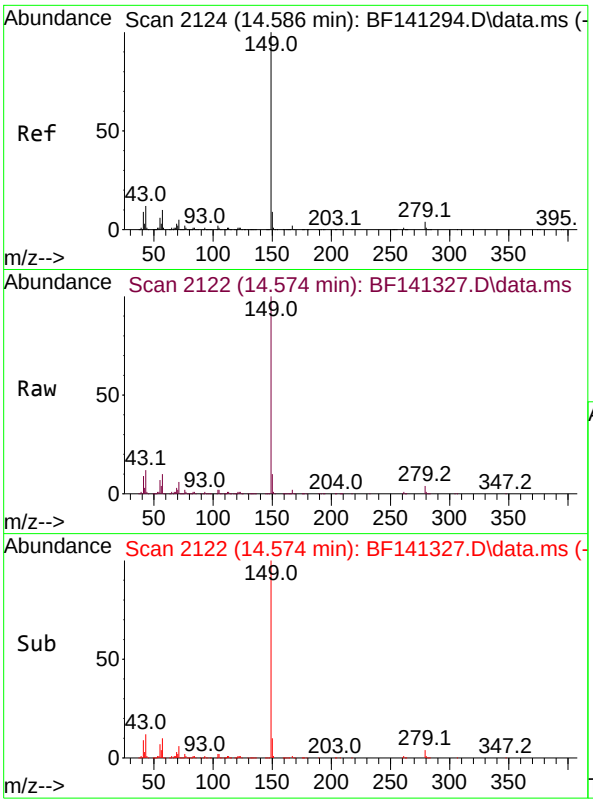


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.481 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 657794

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	3.9	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 42.786 ng
RT: 14.574 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

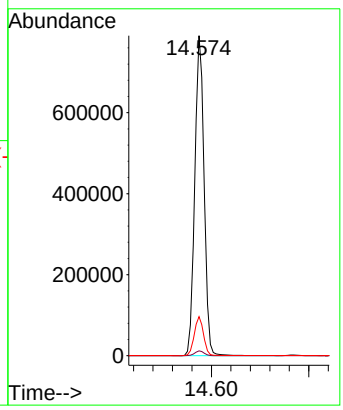
Tgt Ion:149 Resp: 105382

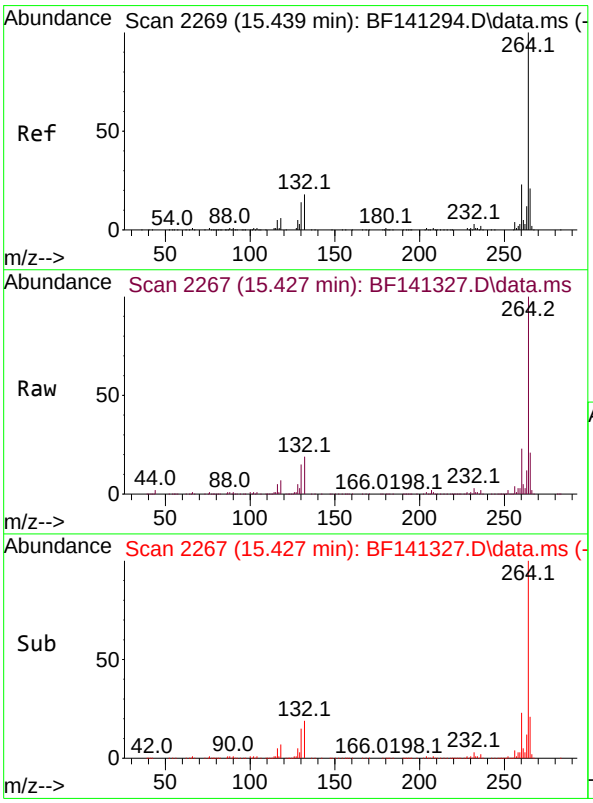
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

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Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

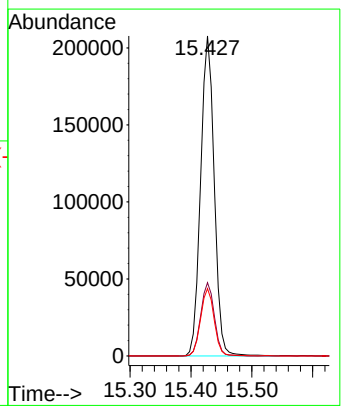


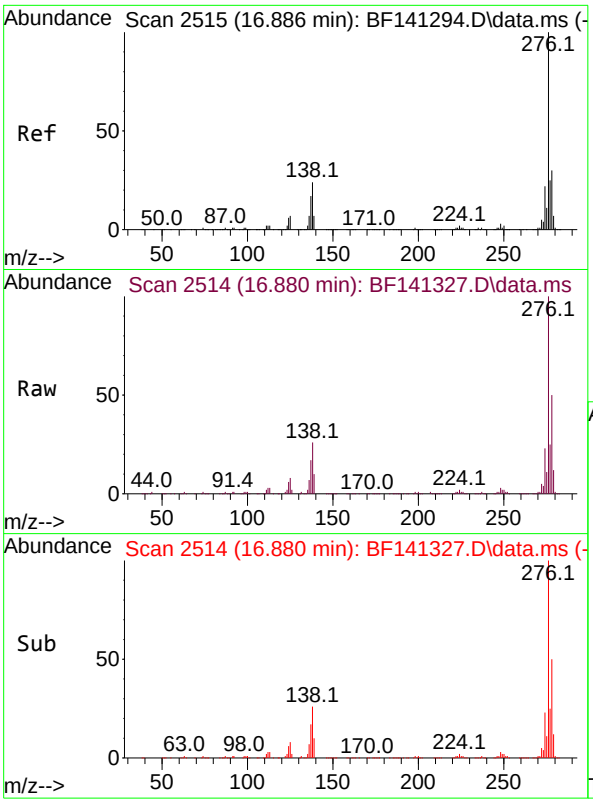


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:264 Resp: 322252

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.1	16.7	25.1

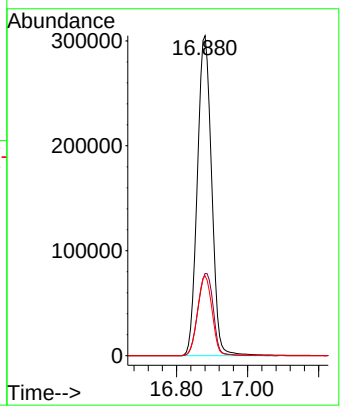




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.186 ng
RT: 16.880 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:276 Resp: 85662

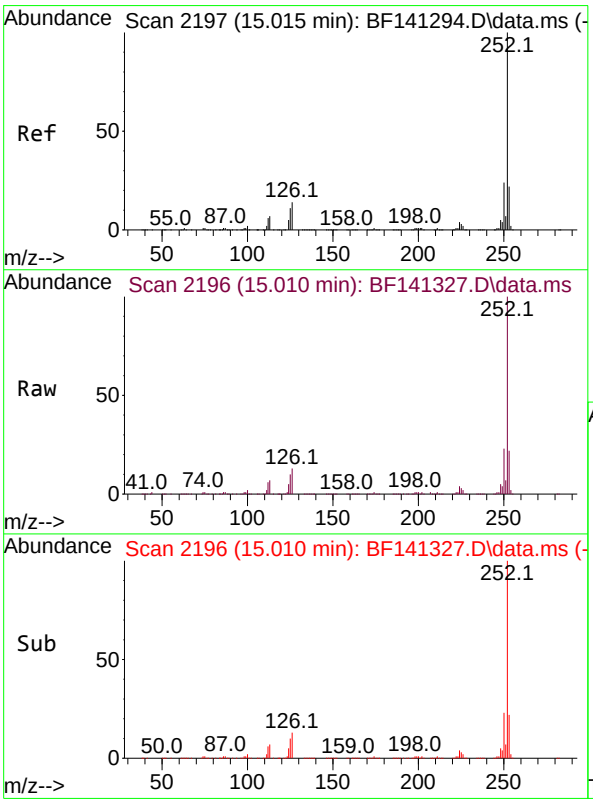
Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.4	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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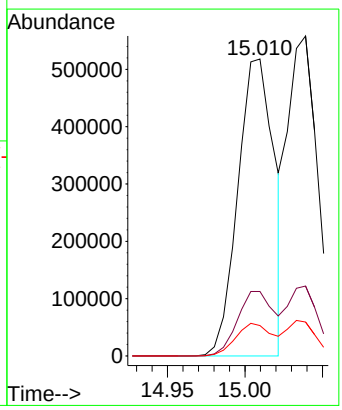
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

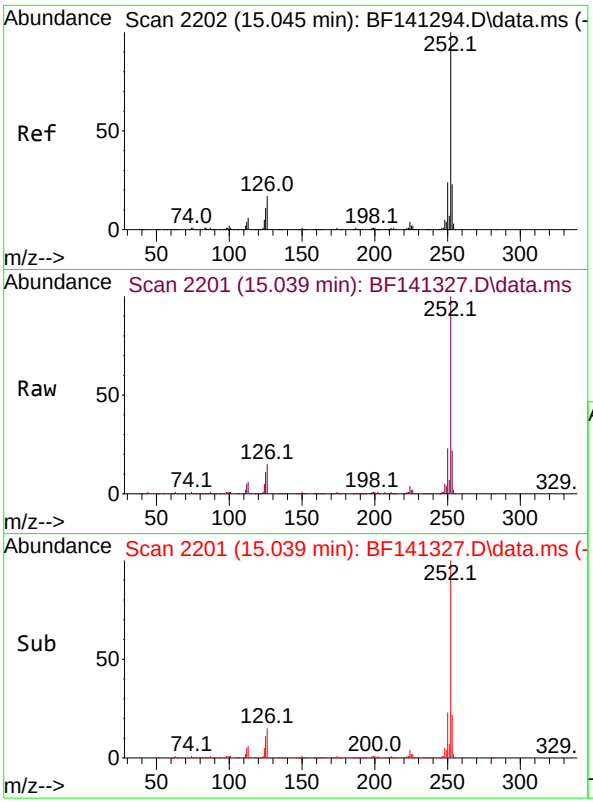


#88
Benzo(b)fluoranthene
Concen: 41.725 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 845792

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	8.6	12.8

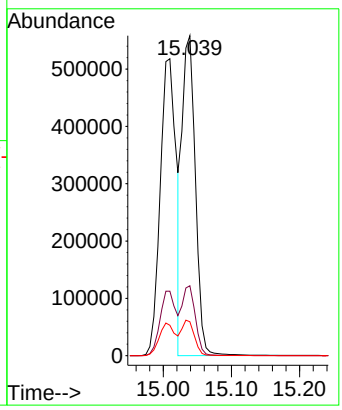




#89
Benzo(k)fluoranthene
Concen: 42.265 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 75895

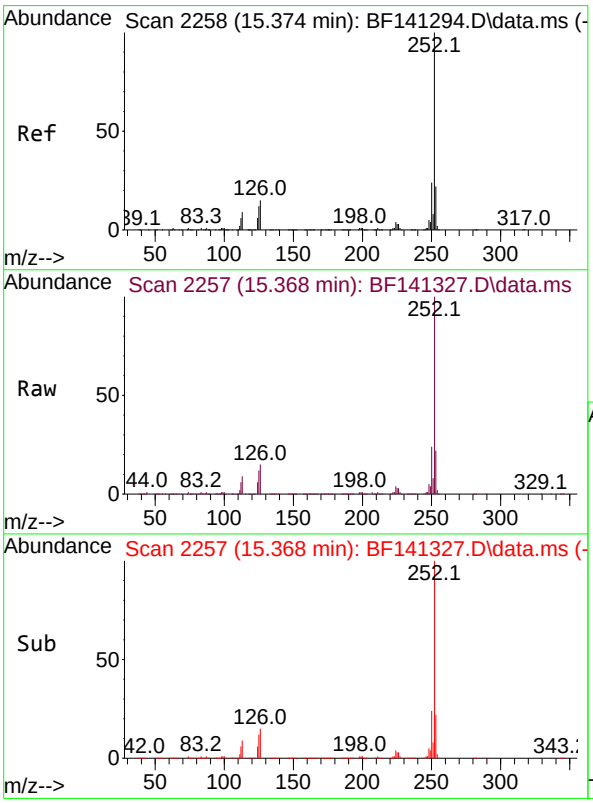
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.6	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
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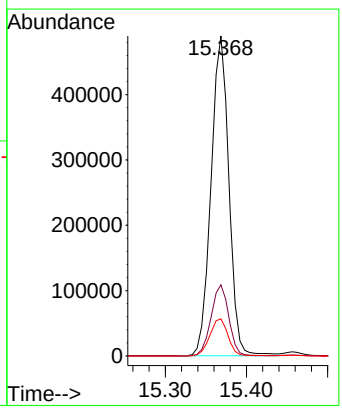
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

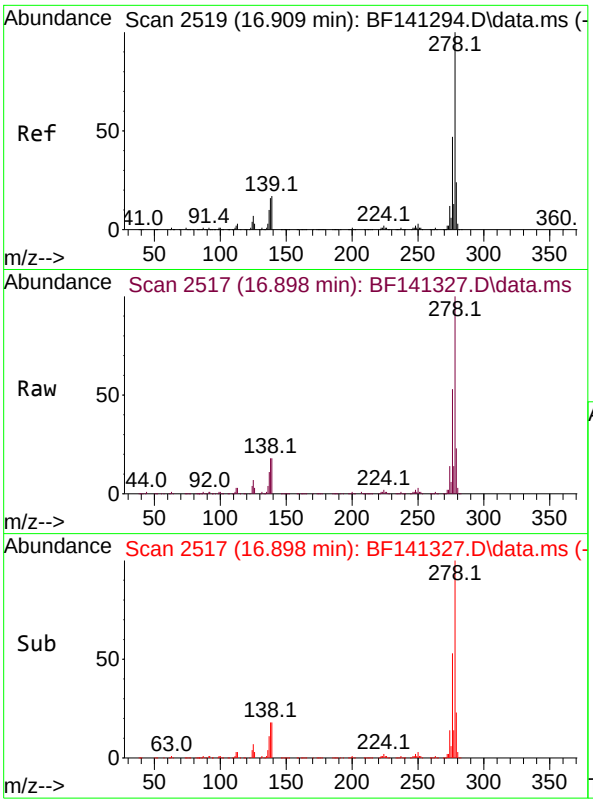


#90
Benzo(a)pyrene
Concen: 43.765 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 749665

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.6	9.4	14.2

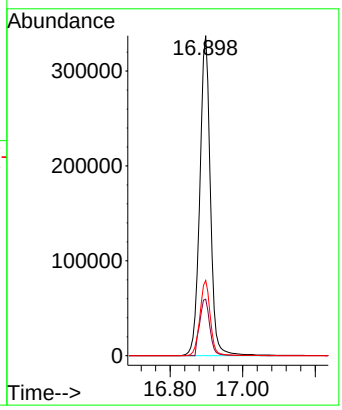




#91
Dibenzo(a,h)anthracene
Concen: 40.724 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:278 Resp: 68145

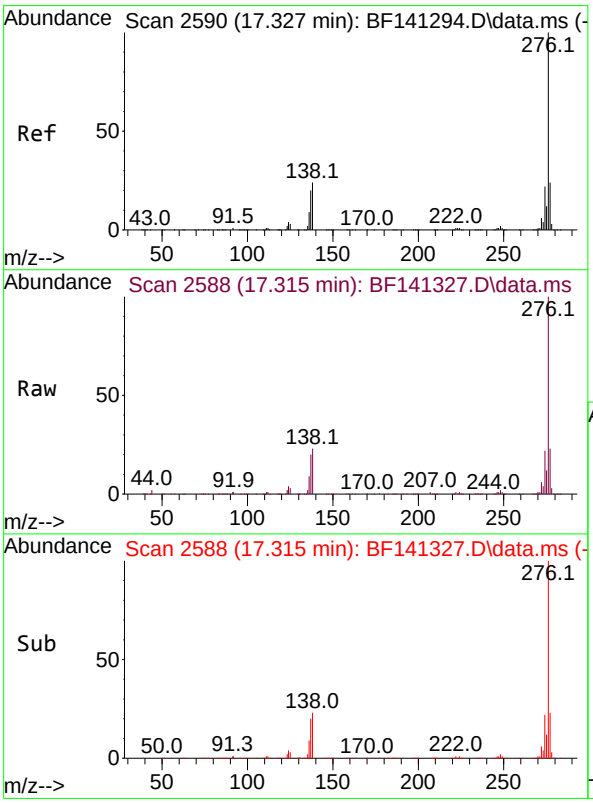
Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.9	20.9
279	23.5	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Manual Integrations
APPROVED

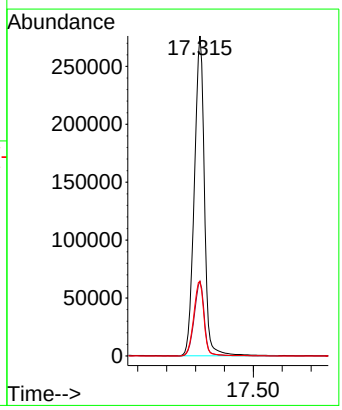
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#92
Benzo(g,h,i)perylene
Concen: 38.278 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.029 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:276 Resp: 666012

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.3	19.0	28.4



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Manual Integration Report

Sequence:	BF012925	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BF141292.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:04 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC020	BF141293.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:07 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC050	BF141295.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:10 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC060	BF141296.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:13 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICC060	BF141296.D	Benzoic acid	yogesh	1/30/2025 7:49:13 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software
SSTDICV040	BF141298.D	2,4-Dimethylphenol	yogesh	1/30/2025 7:49:17 AM	mohammad	2/4/2025 7:21:59 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BF013125	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF141319.D	2,4-Dimethylphenol	Jagrut	2/3/2025 3:34:12 PM	mohammad	2/4/2025 7:22:32 AM	Peak Integrated by Software
PB166363BS	BF141326.D	Caprolactam	Jagrut	2/3/2025 3:34:41 PM	mohammad	2/4/2025 7:22:32 AM	Peak Integrated by Software
PB166363BSD	BF141327.D	Caprolactam	Jagrut	2/3/2025 3:34:44 PM	mohammad	2/4/2025 7:22:32 AM	Peak Integrated by Software
SSTDCCC040	BF141334.D	2,4-Dimethylphenol	Jagrut	2/3/2025 3:34:53 PM	mohammad	2/4/2025 7:22:32 AM	Peak Integrated by Software
SSTDCCC040	BF141334.D	Benzoic acid	Jagrut	2/3/2025 3:34:53 PM	mohammad	2/4/2025 7:22:32 AM	Peak Integrated by Software

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF012925

Review By	Jagrut	Review On	1/31/2025 4:39:47 PM				
Supervise By	mohammad	Supervise On	2/4/2025 7:21:59 AM				
SubDirectory	BF012925	HP Acquire Method	BNA_F		HP Processing Method	bf012925	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141289.D	29 Jan 2025 10:03	RC/JU	Ok
2	SSTDICC2.5	BF141290.D	29 Jan 2025 10:30	RC/JU	Ok
3	SSTDICC005	BF141291.D	29 Jan 2025 10:56	RC/JU	Ok
4	SSTDICC010	BF141292.D	29 Jan 2025 11:49	RC/JU	Ok,M
5	SSTDICC020	BF141293.D	29 Jan 2025 15:17	RC/JU	Ok,M
6	SSTDICCC040	BF141294.D	29 Jan 2025 15:45	RC/JU	Ok
7	SSTDICC050	BF141295.D	29 Jan 2025 16:11	RC/JU	Ok,M
8	SSTDICC060	BF141296.D	29 Jan 2025 16:38	RC/JU	Ok,M
9	SSTDICC080	BF141297.D	29 Jan 2025 17:05	RC/JU	Ok
10	SSTDICV040	BF141298.D	29 Jan 2025 17:31	RC/JU	Ok,M
11	PB166167BL	BF141299.D	29 Jan 2025 18:24	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF013125

Review By	Jagrut	Review On	2/3/2025 3:44:51 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:22:32 AM		
SubDirectory	BF013125	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF141318.D	31 Jan 2025 08:30	RC/JU	Ok
2	SSTDCCC040	BF141319.D	31 Jan 2025 09:22	RC/JU	Ok,M
3	PB166258BL	BF141320.D	31 Jan 2025 09:49	RC/JU	Ok
4	Q1168-03	BF141321.D	31 Jan 2025 10:15	RC/JU	Ok,M
5	Q1168-03	BF141322.D	31 Jan 2025 10:42	RC/JU	Ok,M
6	Q1168-09	BF141323.D	31 Jan 2025 11:08	RC/JU	Ok,M
7	Q1168-09	BF141324.D	31 Jan 2025 11:35	RC/JU	Ok,M
8	PB166363BL	BF141325.D	31 Jan 2025 12:01	RC/JU	Ok
9	PB166363BS	BF141326.D	31 Jan 2025 12:28	RC/JU	Ok,M
10	PB166363BSD	BF141327.D	31 Jan 2025 12:54	RC/JU	Ok,M
11	Q1211-01	BF141328.D	31 Jan 2025 13:27	RC/JU	Ok
12	Q1211-02	BF141329.D	31 Jan 2025 13:53	RC/JU	Ok
13	Q1209-04	BF141330.D	31 Jan 2025 14:20	RC/JU	Ok
14	Q1209-08	BF141331.D	31 Jan 2025 14:46	RC/JU	Ok
15	Q1205-02	BF141332.D	31 Jan 2025 15:13	RC/JU	Ok
16	Q1205-01	BF141333.D	31 Jan 2025 15:39	RC/JU	Ok,M
17	SSTDCCC040	BF141334.D	31 Jan 2025 16:26	RC/JU	Ok,M
18	DFTPP	BF141335.D	31 Jan 2025 16:53	RC/JU	Ok
19	SSTDCCC040	BF141336.D	31 Jan 2025 17:19	RC/JU	Ok
20	PB166354BL	BF141337.D	31 Jan 2025 17:46	RC/JU	Ok
21	Q1218-02	BF141338.D	31 Jan 2025 18:18	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF013125

Review By	Jagrut	Review On	2/3/2025 3:44:51 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:22:32 AM		
SubDirectory	BF013125	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1218-02MS	BF141339.D	31 Jan 2025 18:44	RC/JU	Ok,M
23	Q1218-02MSD	BF141340.D	31 Jan 2025 19:11	RC/JU	Ok,M
24	Q1219-02	BF141341.D	31 Jan 2025 19:37	RC/JU	Ok,M
25	Q1221-02	BF141342.D	31 Jan 2025 20:04	RC/JU	Ok
26	Q1221-01	BF141343.D	31 Jan 2025 20:30	RC/JU	Ok
27	Q1239-10	BF141344.D	31 Jan 2025 20:56	RC/JU	Ok
28	Q1239-10MS	BF141345.D	31 Jan 2025 21:23	RC/JU	Ok,M
29	Q1239-10MSD	BF141346.D	31 Jan 2025 21:50	RC/JU	Ok,M
30	Q1205-02MS	BF141347.D	31 Jan 2025 22:16	RC/JU	Ok,M
31	Q1205-02MSD	BF141348.D	31 Jan 2025 22:43	RC/JU	Ok,M
32	Q1194-01	BF141349.D	31 Jan 2025 23:10	RC/JU	Ok
33	Q1194-02	BF141350.D	31 Jan 2025 23:37	RC/JU	Ok
34	Q1194-04	BF141351.D	01 Feb 2025 00:03	RC/JU	Ok
35	Q1194-04MS	BF141352.D	01 Feb 2025 00:30	RC/JU	Ok,M
36	Q1194-04MSD	BF141353.D	01 Feb 2025 00:57	RC/JU	Ok,M
37	Q1239-07	BF141354.D	01 Feb 2025 01:24	RC/JU	Ok,M
38	Q1239-04	BF141355.D	01 Feb 2025 01:51	RC/JU	Ok,M
39	Q1243-01	BF141356.D	01 Feb 2025 02:17	RC/JU	Ok
40	Q1220-01	BF141357.D	01 Feb 2025 02:44	RC/JU	Ok,M
41	Q1244-01	BF141358.D	01 Feb 2025 03:11	RC/JU	Ok,M
42	Q1239-01	BF141359.D	01 Feb 2025 03:37	RC/JU	Ok,M

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF012925

Review By	Jagrut	Review On	1/31/2025 4:39:47 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:21:59 AM		
SubDirectory	BF012925	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141289.D	29 Jan 2025 10:03		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF141290.D	29 Jan 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF141291.D	29 Jan 2025 10:56	Compound #54 is removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF141292.D	29 Jan 2025 11:49		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF141293.D	29 Jan 2025 15:17	The Calibration is fail for compound #77	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF141294.D	29 Jan 2025 15:45	The Calibration is Good For 8270 DOD Except com#77 and good for 625.1 Method Except com#77	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF141295.D	29 Jan 2025 16:11		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF141296.D	29 Jan 2025 16:38		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF141297.D	29 Jan 2025 17:05		RC/JU	Ok
10	SSTDICV040	ICVBF012925	BF141298.D	29 Jan 2025 17:31		RC/JU	Ok,M
11	PB166167BL	PB166167BL	BF141299.D	29 Jan 2025 18:24		RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF013125

Review By	Jagrut	Review On	2/3/2025 3:44:51 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:22:32 AM		
SubDirectory	BF013125	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF141318.D	31 Jan 2025 08:30		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF141319.D	31 Jan 2025 09:22		RC/JU	Ok,M
3	PB166258BL	PB166258BL	BF141320.D	31 Jan 2025 09:49		RC/JU	Ok
4	Q1168-03	MDL-SOIL-03-QT1-202	BF141321.D	31 Jan 2025 10:15	MDL-SOIL-4PPM	RC/JU	Ok,M
5	Q1168-03	MDL-SOIL-03-QT1-202	BF141322.D	31 Jan 2025 10:42	MDL-SOIL-8PPM	RC/JU	Ok,M
6	Q1168-09	MDL-WATER-03-QT1-2	BF141323.D	31 Jan 2025 11:08	MDL-WATER-4PPM	RC/JU	Ok,M
7	Q1168-09	MDL-WATER-03-QT1-2	BF141324.D	31 Jan 2025 11:35	MDL-WATER-03-8PPM	RC/JU	Ok,M
8	PB166363BL	PB166363BL	BF141325.D	31 Jan 2025 12:01		RC/JU	Ok
9	PB166363BS	PB166363BS	BF141326.D	31 Jan 2025 12:28		RC/JU	Ok,M
10	PB166363BSD	PB166363BSD	BF141327.D	31 Jan 2025 12:54		RC/JU	Ok,M
11	Q1211-01	TAPHHA-MW01-01282	BF141328.D	31 Jan 2025 13:27		RC/JU	Ok
12	Q1211-02	TAPIAL2-MW03-01282	BF141329.D	31 Jan 2025 13:53		RC/JU	Ok
13	Q1209-04	WC-4	BF141330.D	31 Jan 2025 14:20		RC/JU	Ok
14	Q1209-08	WC-5	BF141331.D	31 Jan 2025 14:46		RC/JU	Ok
15	Q1205-02	VNJ-236	BF141332.D	31 Jan 2025 15:13		RC/JU	Ok
16	Q1205-01	VNJ-236	BF141333.D	31 Jan 2025 15:39		RC/JU	Ok,M
17	SSTDCCC040	SSTDCCC040EC	BF141334.D	31 Jan 2025 16:26		RC/JU	Ok,M
18	DFTPP	DFTPP	BF141335.D	31 Jan 2025 16:53		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF013125

Review By	Jagrut	Review On	2/3/2025 3:44:51 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:22:32 AM		
SubDirectory	BF013125	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	SSTDCCC040	SSTDCCC040	BF141336.D	31 Jan 2025 17:19		RC/JU	Ok
20	PB166354BL	PB166354BL	BF141337.D	31 Jan 2025 17:46		RC/JU	Ok
21	Q1218-02	BELL-25-002	BF141338.D	31 Jan 2025 18:18		RC/JU	Ok,M
22	Q1218-02MS	BELL-25-002MS	BF141339.D	31 Jan 2025 18:44		RC/JU	Ok,M
23	Q1218-02MSD	BELL-25-002MSD	BF141340.D	31 Jan 2025 19:11		RC/JU	Ok,M
24	Q1219-02	LAW-25-0015	BF141341.D	31 Jan 2025 19:37		RC/JU	Ok,M
25	Q1221-02	CHESTNUT-CONCRE	BF141342.D	31 Jan 2025 20:04		RC/JU	Ok
26	Q1221-01	CHESTNUT-CONCRE	BF141343.D	31 Jan 2025 20:30		RC/JU	Ok
27	Q1239-10	357	BF141344.D	31 Jan 2025 20:56		RC/JU	Ok
28	Q1239-10MS	357MS	BF141345.D	31 Jan 2025 21:23		RC/JU	Ok,M
29	Q1239-10MSD	357MSD	BF141346.D	31 Jan 2025 21:50		RC/JU	Ok,M
30	Q1205-02MS	VNJ-236MS	BF141347.D	31 Jan 2025 22:16		RC/JU	Ok,M
31	Q1205-02MSD	VNJ-236MSD	BF141348.D	31 Jan 2025 22:43		RC/JU	Ok,M
32	Q1194-01	B-110-SB01	BF141349.D	31 Jan 2025 23:10		RC/JU	Ok
33	Q1194-02	B-110-SB02	BF141350.D	31 Jan 2025 23:37		RC/JU	Ok
34	Q1194-04	B-113-SB02	BF141351.D	01 Feb 2025 00:03		RC/JU	Ok
35	Q1194-04MS	B-113-SB02MS	BF141352.D	01 Feb 2025 00:30		RC/JU	Ok,M
36	Q1194-04MSD	B-113-SB02MSD	BF141353.D	01 Feb 2025 00:57		RC/JU	Ok,M
37	Q1239-07	RBR22266	BF141354.D	01 Feb 2025 01:24		RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF013125

Review By	Jagrut	Review On	2/3/2025 3:44:51 PM		
Supervise By	mohammad	Supervise On	2/4/2025 7:22:32 AM		
SubDirectory	BF013125	HP Acquire Method	BNA_F	HP Processing Method	bf012925

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6680,SP6679,SP6678,SP6677,SP6676,SP6675,SP6674,SP6673
CCC	SP6676
Internal Standard/PEM	S12649,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q1239-04	348	BF141355.D	01 Feb 2025 01:51		RC/JU	Ok,M
39	Q1243-01	CL-01-01302025	BF141356.D	01 Feb 2025 02:17		RC/JU	Ok
40	Q1220-01	TR-06-01292025	BF141357.D	01 Feb 2025 02:44		RC/JU	Ok,M
41	Q1244-01	EO-02-01302025	BF141358.D	01 Feb 2025 03:11	Internal Standard Fail	RC/JU	Ok,M
42	Q1239-01	286	BF141359.D	01 Feb 2025 03:37		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166363

SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3574

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 01/30/2025

Extraction Start Time : 08:15

Extraction End Date : 01/30/2025

Extraction End Time : 13:10

Concentration By: EH

Supervisor By : rajesh

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	SP6720
Surrogate	1.0ML	100/150 PPM	SP6638
LOD	1.0ML	~~N/A~~ 4 PPM	SP6706
LOD	1.0ML	~~N/A~~ 5 PPM	SP6708
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3871
Baked Na2SO4	N/A	EP2580
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
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# 2210673. p H Adjusted<2 with 1:1 H2SO4 &>11 with 10N NaOH.

KD Bath ID: Water bath -01,02

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/30/25	RP (Ext lab)	AC/SVOC
13:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166363

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 01/30/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166363BL	SBLK363	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-01
PB166363BS	SLCS363	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB166363BSD	SLCSD363	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q1168-09	MDL-WATER-03-QT1-2025 (MDL)	SVOC-Chemtech Full -25	1000	6	RUPESH	ritesh	1			4
Q1211-01	TPHHA-MW01-012825-00-T4	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	H		5
Q1211-02	TAPIAL2-MW03-012825-00-T3	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	S		6
	MDL SPIKE		1000	6			1			7

* **Extracts relinquished on the same date as received.**

1/28/25

8:15
BW160363

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1211 **WorkList ID :** 187278 **Department :** Extraction **Date :** 01-30-2025 08:10:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1168-09	MDL-WATER-03-QT1-2025	Water	SVOC-Chemtech Full -25	Cool 4 deg C	CHEM02	QA Of	01/23/2025	8270E
Q1211-01	TPHHA-MW01-012825-00-T4	Water	SVOC-TCL BNA -20	Cool 4 deg C	WEST04	N31	01/28/2025	8270E
Q1211-02	TAPIAL2-MW03-012825-00-T3	Water	SVOC-TCL BNA -20	Cool 4 deg C	WEST04	N31	01/28/2025	8270E

729 of 1367

Date/Time 01/30/25 8:12
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: JD (SM)

Date/Time 01/30/25 8:55
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: RS (Ext-Lab)

Q1211-SVOC-TCL BNA -20

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Prep Standard - Chemical Standard Summary

Order ID : Q1211

Test : SVOC-TCL BNA -20

Prepbatch ID : PB166363,

Sequence ID/Qc Batch ID: BF013125,BF013125,

Standard ID :
EP2559,EP2565,EP2580,SP6638,SP6672,SP6673,SP6674,SP6675,SP6676,SP6677,SP6678,SP6679,SP6680,SP6685,SP6686,SP6705,SP6706,SP6708,SP6717,SP6720,

Chemical ID :
10ul/1000ul sample,E3551,E3657,E3815,E3828,E3846,E3848,E3871,M5173,S10103,S10246,S10397,S10584,S10978,S10979,S10980,S11004,S11005,S11006,S11007,S11008,S11009,S11010,S11074,S11085,S11086,S11093,S11099,S11103,S11143,S11160,S11487,S11494,S11495,S11650,S11781,S11782,S11783,S11784,S11785,S12079,S12113,S12114,S12142,S12143,S12144,S12145,S12146,S12187,S12188,S12189,S12207,S12208,S12275,S12276,S12327,S12469,S12470,S12471,S12472,S12473,S12474,S12475,S12476,S12477,S12478,S12517,S12518,S12519,S12520,S12521,S12522,S12523,S12524,S12525,S12649,S12790,S12963,S12964,S12965,S12966,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	EP2559	11/14/2024	05/14/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 11/14/2024

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	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 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
3923	Baked Sodium Sulfate	EP2580	01/17/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 01/17/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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	SP6638	10/10/2024	04/04/2025	Jagrut Upadhyay	None	None	mohammad ahmed 10/18/2024

FROM 1930.00000ml of E3815 + 5.00000ml of S10978 + 5.00000ml of S10979 + 5.00000ml of S10980 + 5.00000ml of S11004 + 5.00000ml of S11005 + 5.00000ml of S11006 + 5.00000ml of S11007 + 5.00000ml of S11008 + 5.00000ml of S11009 + 5.00000ml of S11010 + 5.00000ml of S12187 + 5.00000ml of S12188 + 5.00000ml of S12189 + 5.00000ml of S12207 = Final Quantity: 2000.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3764	8270/625 Stock solution 100 ng	SP6672	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.05000ml of S12114 + 0.20000ml of S11093 + 0.20000ml of S11494 + 0.20000ml of S11495 + 0.20000ml of S12276 + 0.26700ml of S10103 + 0.40000ml of S11103 + 0.40000ml of S12275 + 0.45000ml of S12113 + 0.50000ml of S11085 + 0.50000ml of S11086 + 0.50000ml of S12079 + 0.50000ml of S12790 + 0.80000ml of S11160 + 1.00000ml of S11099 + 3.83300ml of E3828 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
413	80 ng BNA ICC, 80 PPM	SP6673	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.20000ml of E3828 + 0.80000ml of SP6672 = 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
412	60 ng BNA ICC, 60 PPM	SP6674	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.40000ml of E3828 + 0.60000ml of SP6672 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
411	50 ng BNA ICC, 50 PPM	SP6675	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.50000ml of E3828 + 0.50000ml of SP6672 = 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
410	40 ng BNA ICC, 40 PPM	SP6676	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.60000ml of E3828 + 0.40000ml of SP6672 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3678	20 ng BNA ICC, 20 PPM	SP6677	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.80000ml of E3828 + 0.20000ml of SP6672 = 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	SP6678	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.90000ml of E3828 + 0.10000ml of SP6672 = 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	SP6679	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.95000ml of E3828 + 0.05000ml of SP6672 = 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
175	2.5 ng BNA ICC, 2.5 PPM	SP6680	11/12/2024	02/08/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.50000ml of E3828 + 0.50000ml of SP6679 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
18	Second Source Calibration Stock Standard, 100 PPM, (8270/625/CLP)	SP6685	11/15/2024	04/10/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.04000ml of S12189 + 0.08000ml of S12208 + 0.10000ml of S11074 + 0.20000ml of S12142 + 0.20000ml of S12469 + 0.20000ml of S12517 + 1.18000ml of E3828 = Final Quantity: 2.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
416	40 ng BNA ICV, 40 PPM	SP6686	11/15/2024	04/10/2025	Jagrut Upadhyay	None	None	Yogesh Patel 12/27/2024

FROM 0.01000ml of S12327 + 0.60000ml of E3828 + 0.40000ml of SP6685 = Final Quantity: 1.010 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1366	LOQ & LOD 20 PPM	SP6705	01/03/2025	04/30/2025	Jagrut Upadhyay	None	None	mohammad ahmed 01/03/2025

FROM 0.20000ml of S11781 + 0.40000ml of S12142 + 0.40000ml of S12470 + 0.40000ml of S12518 + 18.60000ml of E3848 = 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
2082	LOQ & LOD 4 PPM	SP6706	01/03/2025	04/30/2025	Jagrut Upadhyay	None	None	mohammad ahmed 01/03/2025

FROM 16.00000ml of E3848 + 4.00000ml of SP6705 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2081	LOQ & LOD 8 PPM	SP6708	01/03/2025	04/30/2025	Jagrut Upadhyay	None	None	mohammad ahmed 01/03/2025

FROM 4.80000ml of E3848 + 3.20000ml of SP6705 = Final Quantity: 8.000 ml

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SVOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3895	50 ug/ml DFTPP 8270E	SP6717	01/15/2025	03/31/2025	Rahul Chavli	None	None	Yogesh Patel 01/16/2025

FROM 1.00000ml of S10246 + 19.00000ml of E3871 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
171	8270/625 Spike Solution, 50/100 PPM	SP6720	01/29/2025	04/30/2025	Jagrut Upadhyay	None	None	Yogesh Patel 02/06/2025

FROM 0.40000ml of S10397 + 0.40000ml of S10584 + 0.40000ml of S11143 + 0.40000ml of S11487 + 0.40000ml of S11650 + 0.40000ml of S12478 + 0.50000ml of S11781 + 0.50000ml of S12470 + 0.60000ml of S11785 + 0.90000ml of S12518 + 0.90000ml of S12966 + 1.30000ml of S11782 + 1.30000ml of S11783 + 1.30000ml of S11784 + 1.30000ml of S12143 + 1.30000ml of S12144 + 1.30000ml of S12145 + 1.30000ml of S12146 + 1.30000ml of S12471 + 1.30000ml of S12472 + 1.30000ml of S12473 + 1.30000ml of S12474 + 1.30000ml of S12475 + 1.30000ml of S12476 + 1.30000ml of S12477 + 1.30000ml of S12519 + 1.30000ml of S12520 + 1.30000ml of S12521 + 1.30000ml of S12522 + 1.30000ml of S12523 + 1.30000ml of S12524 + 1.30000ml of S12525 + 1.30000ml of S12963 + 1.30000ml of S12964 + 1.30000ml of S12965 + 163.00000ml of E3846 = Final Quantity: 200.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	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)	24H1462005	04/04/2025	10/04/2024 / Rajesh	10/04/2024 / Rajesh	E3815

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)	24G0862003	05/09/2025	11/09/2024 / Rajesh	11/04/2024 / Rajesh	E3828

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	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

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	06/18/2025	12/18/2024 / Rajesh	12/09/2024 / Rajesh	E3848

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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)	24K1762005	07/14/2025	01/14/2025 / Rajesh	12/27/2024 / Rajesh	E3871

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)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

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	02/08/2025	08/08/2024 / Jagrut	12/09/2021 / Christian	S10103

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,	A0182667	03/31/2025	01/15/2025 / Rahul	03/18/2022 / Christian	S10246

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	01/29/2025 / anahy	05/18/2022 / Christian	S10397

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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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	A0188108	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S10978

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	A0188108	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S10979

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	A0188108	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S10980

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11004

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11005

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11006

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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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11007

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11008

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11009

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	A0189418	04/10/2025	10/10/2024 / anahy	12/28/2022 / Christian	S11010

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0187043	05/15/2025	11/15/2024 / Jagrut	02/06/2023 / Christian	S11074

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)	406703	03/11/2025	09/11/2024 / Rahul	02/07/2023 / Christian	S11085

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
CPI International	Z-010074-07 / 3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 ml, (Maximum Expiration: 180 days)	406703	05/12/2025	11/12/2024 / Jagrut	02/07/2023 / Christian	S11086

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	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11093

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	495831	05/12/2025	11/12/2024 / Jagrut	02/07/2023 / Christian	S11099

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	02/08/2025	08/08/2024 / Jagrut	02/07/2023 / Christian	S11103

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	05/12/2025	11/12/2024 / Jagrut	03/06/2023 / Christian	S11160

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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	555870 / Custom Standard, 2,4-dinitrophenol Std [CS 5328-3]	A0200549	08/31/2026	01/29/2025 / anahy	08/10/2023 / yogesh	S11487

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	02/08/2025	08/08/2024 / Jagrut	08/11/2023 / Yogesh	S11494

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	05/12/2025	11/12/2024 / Jagrut	08/11/2023 / Yogesh	S11495

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	06/26/2025	12/26/2024 / Jagrut	11/21/2023 / Rahul	S11781

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	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11782

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31853 / 1,4-Dioxane, 2000 ug/ml , Solvent: Methylene Chloride	A0196453	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11783

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	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11784

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	07/29/2025	01/29/2025 / anahy	11/21/2023 / Rahul	S11785

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	04/24/2025	10/24/2024 / Jagrut	01/31/2024 / Rahul	S12079

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	02/09/2025	08/09/2024 / Jagrut	03/08/2024 / Rahul	S12113

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	05/12/2025	11/12/2024 / Jagrut	03/08/2024 / Rahul	S12114

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0203726	04/30/2025	11/14/2024 / anahy	03/15/2024 / Rahul	S12142

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]	A0203726	04/30/2025	01/29/2025 / anahy	03/15/2024 / Rahul	S12143

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]	A0203726	04/30/2025	01/29/2025 / anahy	03/15/2024 / Rahul	S12144

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]	A0203726	04/30/2025	01/29/2025 / anahy	03/15/2024 / Rahul	S12145

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]	A0203726	04/30/2025	01/29/2025 / anahy	03/15/2024 / Rahul	S12146

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	04/10/2025	10/10/2024 / anahy	03/15/2024 / Rahul	S12187

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31087 / Acid Surrogate 10,000ug/ml,methanol,5ml/ ampul	A0206206	04/10/2025	10/10/2024 / anahy	03/15/2024 / Rahul	S12188

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	04/10/2025	10/10/2024 / anahy	03/15/2024 / Rahul	S12189

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	04/10/2025	10/10/2024 / anahy	03/15/2024 / Rahul	S12207

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	05/15/2025	11/15/2024 / Jagrut	03/15/2024 / Rahul	S12208

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	03/11/2025	09/11/2024 / Rahul	05/24/2024 / Rahul	S12275

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	05/12/2025	11/12/2024 / Jagrut	05/24/2024 / Rahul	S12276

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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	A0206540	05/12/2025	11/12/2024 / anahy	05/30/2024 / Rahul	S12327

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	05/14/2025	11/14/2024 / anahy	07/23/2024 / RAHUL	S12469

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	05/26/2025	11/26/2024 / Jagrut	07/23/2024 / RAHUL	S12470

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12471

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12472

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12473

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555223 / Custom 8270 Plus Std #1 [2nd lot at $100 per ampul if requested - contact ARM with Request] [CS 4978-1]	A0214021	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12474

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12475

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12476

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12477

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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12478

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	05/14/2025	11/14/2024 / anahy	07/23/2024 / RAHUL	S12517

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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	07/03/2025	01/03/2025 / Jagrut	07/23/2024 / RAHUL	S12518

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12520

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12521

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12523

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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	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12524

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555224 / Custom 8270 Plus Std #2 [2nd lot at $85 per ampul if requested - contact ARM with Request] [CS 4978-2]	A0214017	07/29/2025	01/29/2025 / anahy	07/23/2024 / RAHUL	S12525

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	07/21/2025	01/21/2025 / anahy	09/20/2024 / anahy	S12649

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	05/12/2025	11/12/2024 / Jagrut	05/24/2024 / Rahul	S12790

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	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12963

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	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12964

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	31850 / 8270 SV Mix, 8270 Mega Mix 1mL, 1000ug/mL, CH2Cl2 [New Solvent 100% CH2Cl2]	A0219438	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12965

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	07/29/2025	01/29/2025 / anahy	12/11/2024 / anahy	S12966

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

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Rev 0

Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

Received on
02/07/23
by
CG

S11084
to
S11088

*Not a certified value

Certified By: _____
Jacob Mulloy
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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Catalog No.:	Lot No.:	Storage:	Solvent:	Exp. Date:	Description:
Z-010074-07	406703	≤ -10 °C	Methylene Chloride	3/30/2025	3,3'-Dichlorobenzidine Solution, 1,000 mg/L, 1 mL

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
3,3'-dichlorobenzidine	91-94-1	99.5	74.3.26P	989 ± 7.53

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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
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by
CG
S11089
to
S11093

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Certified By: _____
Shane Overcash
Chemist

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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

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Certified By: _____
Shane Overcash
Chemist

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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.

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Received on 02/07/23 by CG

~~S11097~~ S11096 to S11099

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-110381-01	495831	≤ -10 °C	Methylene Chloride	10/30/2027	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	1003 ± 17.27
acenaphthylene	208-96-8	97.6	14.290.1P	999.8 ± 17.22
aniline	62-53-3	99.9	64.7.1P	995 ± 17.13
anthracene	120-12-7	99.5	15.7.1P	1001 ± 17.24
azobenzene	103-33-3	98.1	252.7.2P	999.1 ± 17.21
benzo[a]anthracene	56-55-3	100	16.7.3P	1001 ± 17.24
benzo[b]fluoranthene	205-99-2	99.8	17.421.3P	1001 ± 19.91
benzo[k]fluoranthene	207-08-9	98.9	18.421.4P	1001 ± 17.92
benzo[ghi]perylene	191-24-2	93	19.286.4P	999.6 ± 19.88
benzo[a]pyrene	50-32-8	97	20.286.2P	999.1 ± 26.35
benzyl alcohol	100-51-6	99.9	65.18.1P	1001 ± 17.24
bis(2-chloroethoxy)methane	111-91-1	99.1	31.3.15P	999.7 ± 17.89
bis(2-chloroethyl)ether	111-44-4	99.8	32.7.1P	1001 ± 17.23
bis(2-chloro-1-methylethyl) ether	108-60-1	99.5	34.3.13P	999.5 ± 17.89
bis(2-ethylhexyl)adipate	103-23-1	99.5	874.7.1P	999.5 ± 17.21
bis(2-ethylhexyl)phthalate	117-81-7	99.4	33.29.1P	998.8 ± 19.86
4-bromophenyl phenyl ether	101-55-3	99.4	35.7.1P	999.1 ± 17.2
butyl benzyl phthalate	85-68-7	98.4	36.1.6P	984.7 ± 19.58
carbazole	86-74-8	99.4	239.7.2P	1000 ± 17.22

*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: Briana Smith

Briana Smith
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.:** 495831 **Expiration Date:** 10/30/2027

Compound	CAS No.	Purity (%)	Compound Lot No.	Concentration, mg/L
1,2,4-trichlorobenzene	120-82-1	99.6	54.29.1P	1000 ± 17.22
2,4,5-trichlorophenol	95-95-4	96.5	121.7.1.1P	1000 ± 17.22
2,4,6-trichlorophenol	88-06-2	99.6	113.7.1P	1002 ± 17.25

*Not a certified value

Manufactured by o2si smart solutions, Accredited to ISO 9001:2008 by NSF and ISO/IEC 17025:2005 (Certification No. 3031.01) and ISO Guide 34:2009 (Certification No. 3031.02) by A2LA

Certified By: Briana Smith

Briana Smith
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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Date Received:_____

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Rev 0 **Page 1 of 1**

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

Received on
02/07/23
by CG

S11101
to
S11103

*Not a certified value

Certified By: S. Hunter

Scott Hunter
Chemist

All weights are traceable through N. I. S. T. Test No. 822/264157-00. Concentration (correct for purity) and uncertainty (95% confidence) values listed are determined gravimetricly.

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Received on 03/08/22 by CG S10242 to S10247

Catalog No. : 31615 **Lot No.:** A0182667

Description : GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 31, 2025 **Storage:** 10°C or colder

Handling: Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Pentachlorophenol		1,003.6 µg/mL	+/- 5.8897 µg/mL	Gravimetric
	CAS # 87-86-5	(Lot 211229RSR)		+/- 45.7132 µg/mL	Unstressed
	Purity 99%			+/- 66.0037 µg/mL	Stressed
2	DFTPP (Decafluorotriphenylphosphine)		1,006.6 µg/mL	+/- 5.9074 µg/mL	Gravimetric
	CAS # 5074-71-5	(Lot Q117-147)		+/- 45.8508 µg/mL	Unstressed
	Purity 95%			+/- 66.2023 µg/mL	Stressed
3	Benzidine		1,008.4 µg/mL	+/- 5.9179 µg/mL	Gravimetric
	CAS # 92-87-5	(Lot 211228JLM)		+/- 45.9318 µg/mL	Unstressed
	Purity 99%			+/- 66.3193 µg/mL	Stressed
4	4,4'-DDT		1,007.6 µg/mL	+/- 5.9132 µg/mL	Gravimetric
	CAS # 50-29-3	(Lot 210916JLM)		+/- 45.8954 µg/mL	Unstressed
	Purity 99%			+/- 66.2667 µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

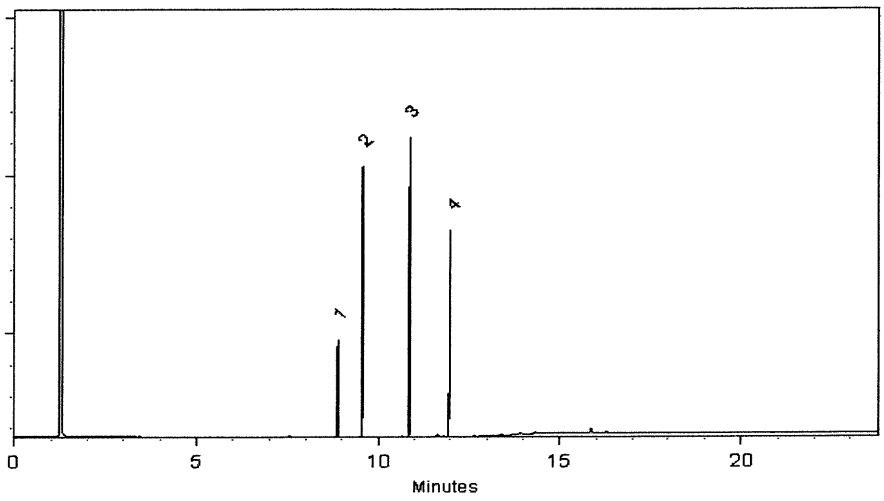
Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID



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.

Morgan Craighead - Mix Technician

Date Mixed: 08-Mar-2022 **Balance:** B345965662

Merlina Cowan - Operations Tech I

Date Passed: 10-Mar-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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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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
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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Received on 02/06/23 by CG

S11071 to S11075

Catalog No. : 31853 **Lot No.:** A0187043

Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	1,4-Dioxane	2,019.0 µg/mL	+/- 11.8486	µg/mL	Gravimetric
	CAS # 123-91-1 (Lot SHBN5929)		+/- 43.2570	µg/mL	Unstressed
	Purity 99%		+/- 44.5129	µg/mL	Stressed

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Column:
105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

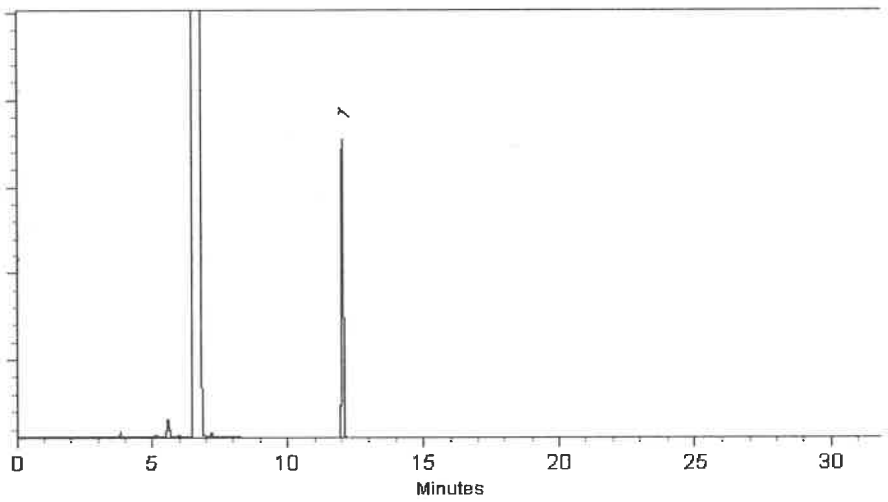
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 07-Jul-2022 **Balance:** 1128360905

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 12-Jul-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

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 : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99%	(Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99%	(Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99%	(Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

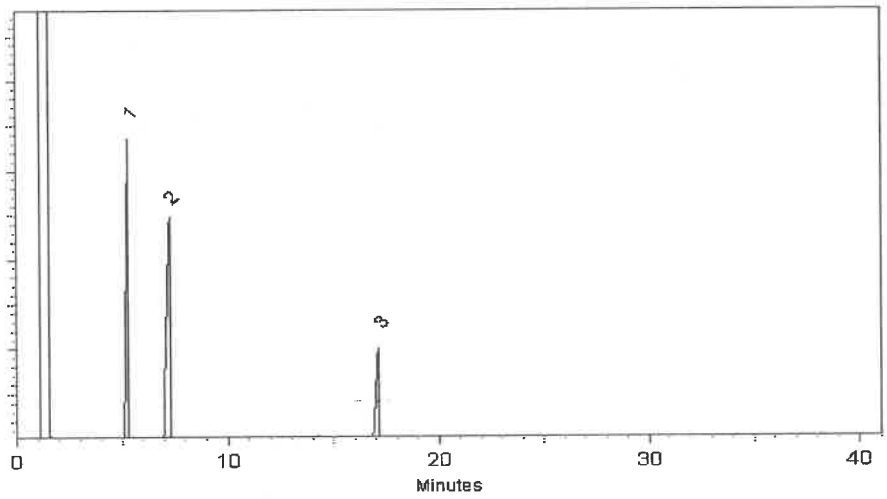
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

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 : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

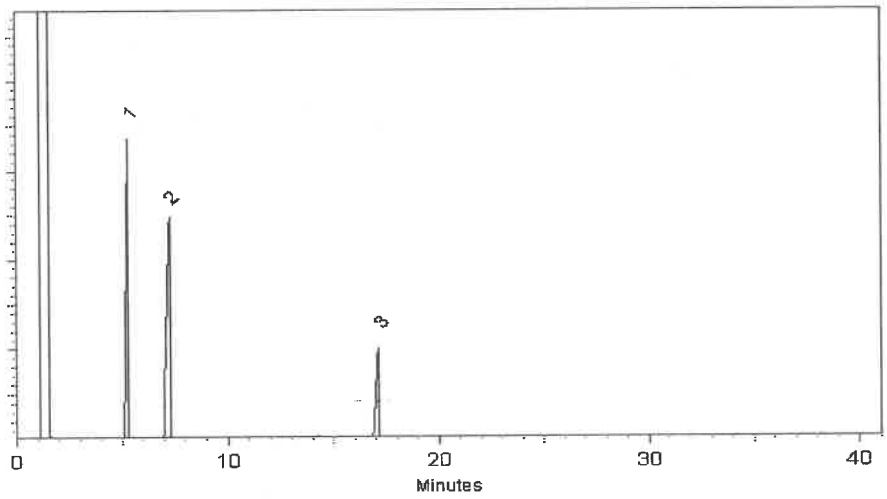
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22 S10951 to S10980

Catalog No. : 31087 **Lot No.:** A0188108

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 : August 31, 2030 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	2-Fluorophenol **CAS #** 367-12-4 **Purity** 99% (Lot STBF3761V)	10,088.5 µg/mL	+/- 58.6554 µg/mL +/- 294.4162 µg/mL +/- 357.2628 µg/mL	Gravimetric Unstressed Stressed
2	Phenol-d6 **CAS #** 13127-88-3 **Purity** 99% (Lot PR-31262)	10,043.3 µg/mL	+/- 58.3923 µg/mL +/- 293.0957 µg/mL +/- 355.6603 µg/mL	Gravimetric Unstressed Stressed
3	2,4,6-Tribromophenol **CAS #** 118-79-6 **Purity** 99% (Lot MKCJ7664)	10,010.0 µg/mL	+/- 58.1990 µg/mL +/- 292.1253 µg/mL +/- 354.4829 µg/mL	Gravimetric Unstressed Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

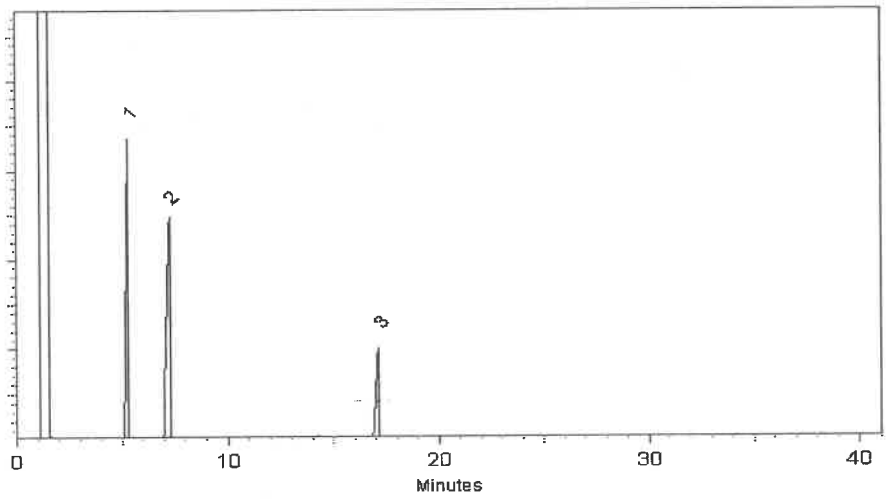
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

Morgan Craighead - Mix Technician

Date Mixed: 02-Aug-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 05-Aug-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
$10981 to $11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 **Purity** 99%	(Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 **Purity** 99%	(Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 **Purity** 99%	(Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

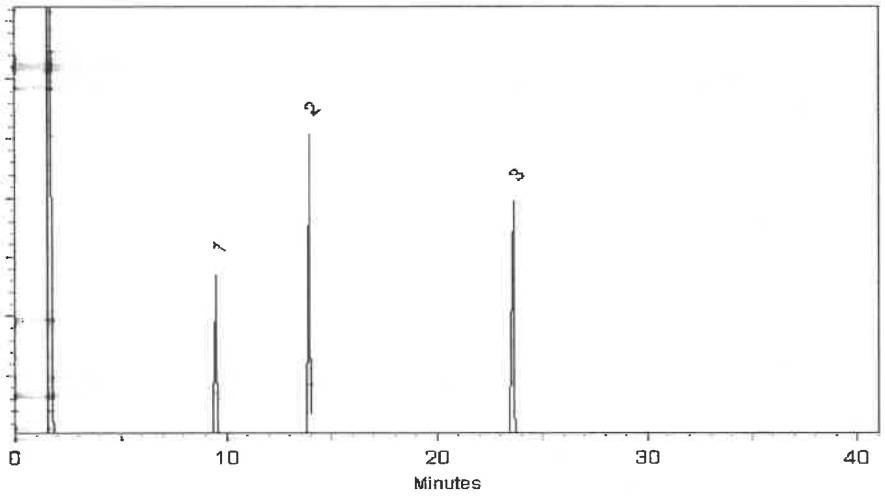
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

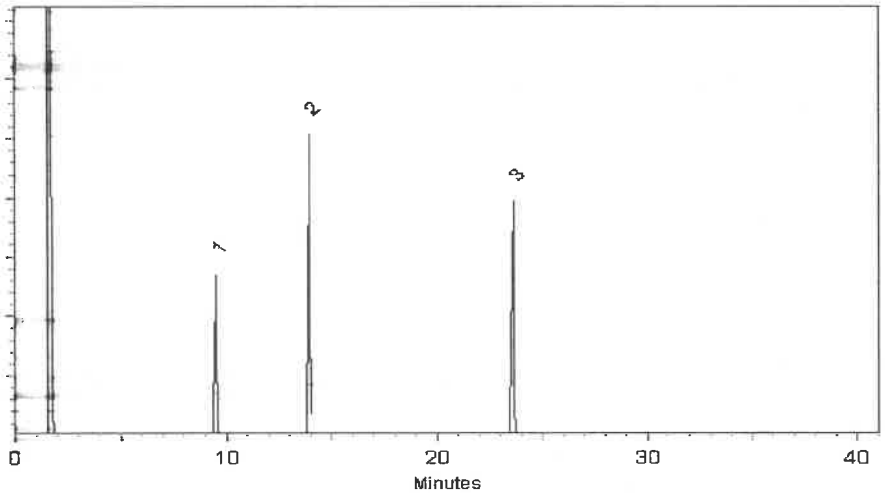
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

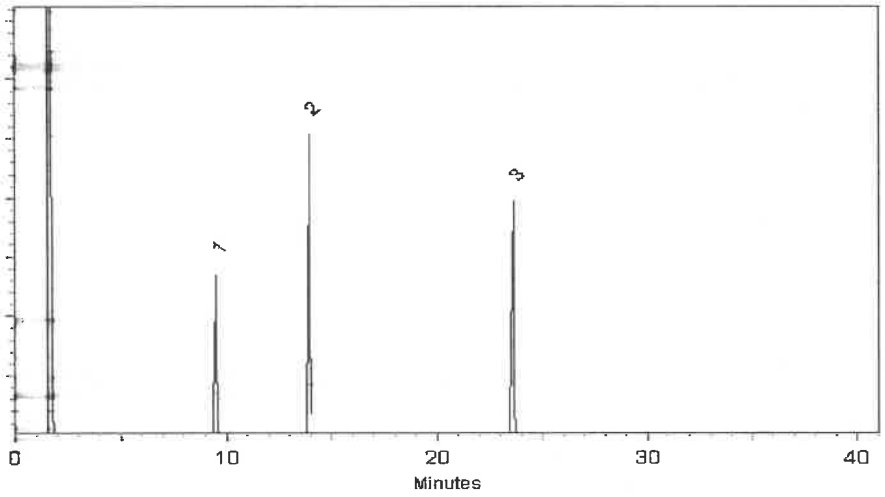
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

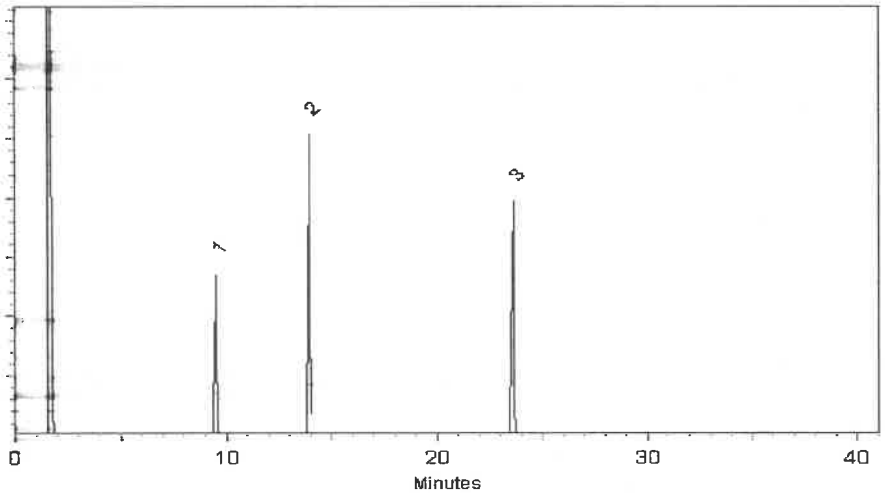
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5		5,009.8 µg/mL	+/- 29.1271 µg/mL	Gravimetric
	CAS # 4165-60-0	(Lot PR-29940A)		+/- 225.6421 µg/mL	Unstressed
	Purity 99%			+/- 250.3778 µg/mL	Stressed
2	2-Fluorobiphenyl		5,026.6 µg/mL	+/- 29.2250 µg/mL	Gravimetric
	CAS # 321-60-8	(Lot 00021384)		+/- 226.4003 µg/mL	Unstressed
	Purity 99%			+/- 251.2191 µg/mL	Stressed
3	p-Terphenyl-d14		5,027.3 µg/mL	+/- 29.2289 µg/mL	Gravimetric
	CAS # 1718-51-0	(Lot PR-30504)		+/- 226.4304 µg/mL	Unstressed
	Purity 99%			+/- 251.2524 µg/mL	Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

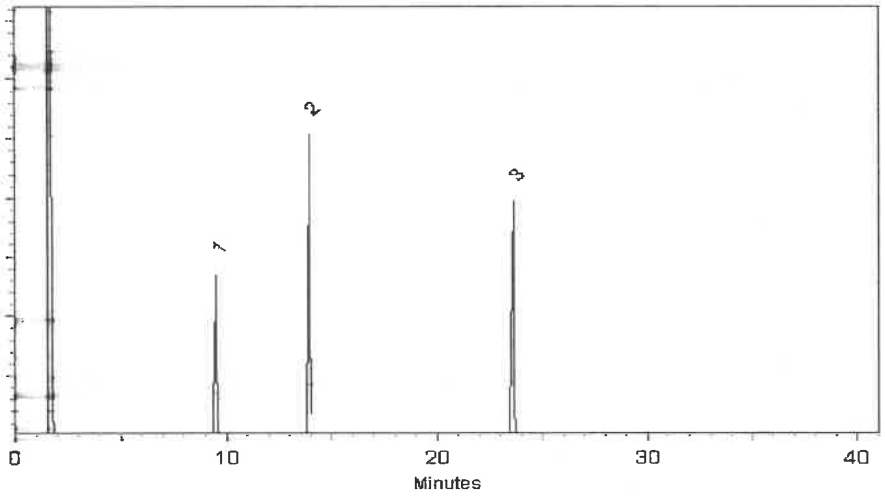
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 **Purity** 99%	(Lot PR-29940A)	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 **Purity** 99%	(Lot 00021384)	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 **Purity** 99%	(Lot PR-30504)	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

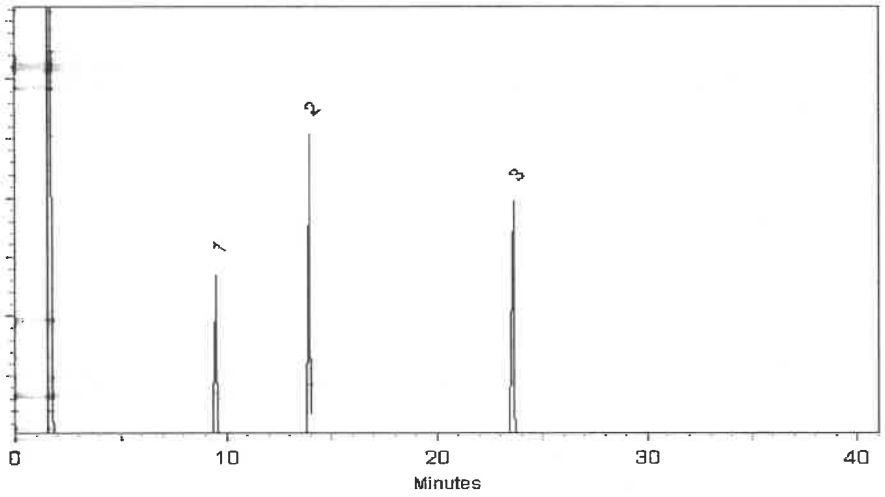
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Received by CG on 12/28/22
S10981 to S11010

Catalog No. : 31086 **Lot No.:** A0189418

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : August 31, 2028 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Nitrobenzene-d5 **CAS #** 4165-60-0 (Lot PR-29940A) **Purity** 99%	5,009.8 µg/mL	+/- 29.1271 µg/mL +/- 225.6421 µg/mL +/- 250.3778 µg/mL	Gravimetric Unstressed Stressed
2	2-Fluorobiphenyl **CAS #** 321-60-8 (Lot 00021384) **Purity** 99%	5,026.6 µg/mL	+/- 29.2250 µg/mL +/- 226.4003 µg/mL +/- 251.2191 µg/mL	Gravimetric Unstressed Stressed
3	p-Terphenyl-d14 **CAS #** 1718-51-0 (Lot PR-30504) **Purity** 99%	5,027.3 µg/mL	+/- 29.2289 µg/mL +/- 226.4304 µg/mL +/- 251.2524 µg/mL	Gravimetric Unstressed Stressed

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.

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

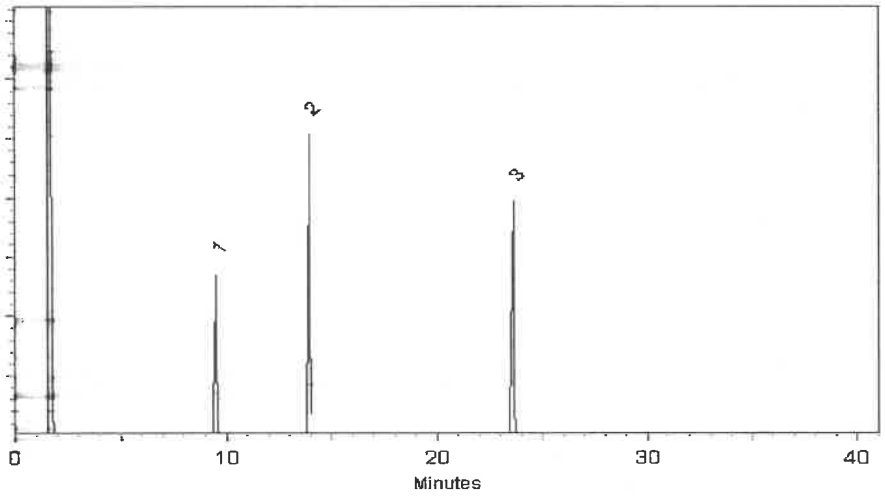
Carrier Gas:
hydrogen-constant pressure 10 psi.

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



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.

John Friedline - Operations Technician I

Date Mixed: 09-Sep-2022 **Balance:** 1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Sep-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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 RB 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: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3815

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

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 24J0862003
Manufactured Date: 2024-09-12
Expiration Date:2025-12-12
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	2
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 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 3828

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

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

Recd by RP on 12/13/24

E 3846

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
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 3848

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

12197124

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)

avantor | J.T.Baker

Material No.: 9266-A4
Batch No.: 24K1762005
Manufactured Date: 2024-10-08
Expiration Date:2026-01-07
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	<= 0.3	0.0
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 3871

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

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

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

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555870 **Lot No.:** A0200549

Description : Custom 2,4-Dinitrophenol Standard

Custom 2,4-Dinitrophenol Standard 25,000µg/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

S11484 ↓ S11493 Y.P. 08/10/23

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	25,008.0 µg/mL	+/- 777.3323

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Tom Suckar - Mix Technician **Date Mixed:** 02-Aug-2023 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

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-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.

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:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31853 **Lot No.:** 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.)

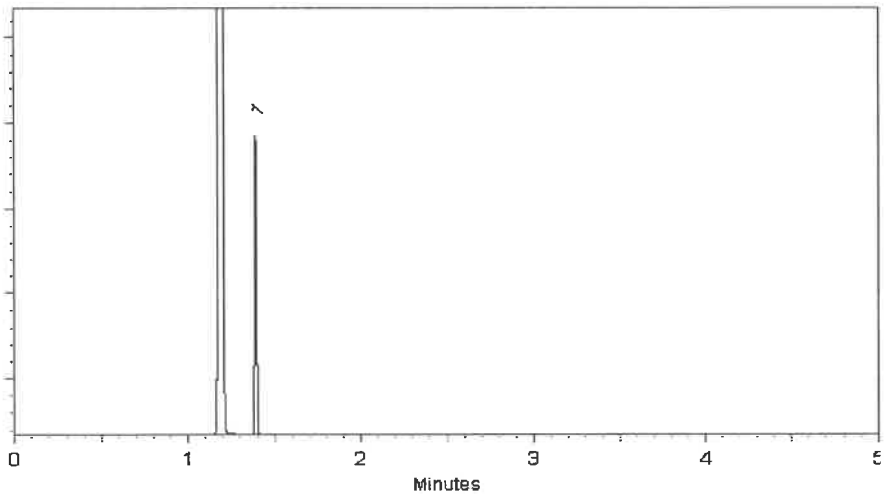
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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:

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Manufacturing Notes:

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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.)

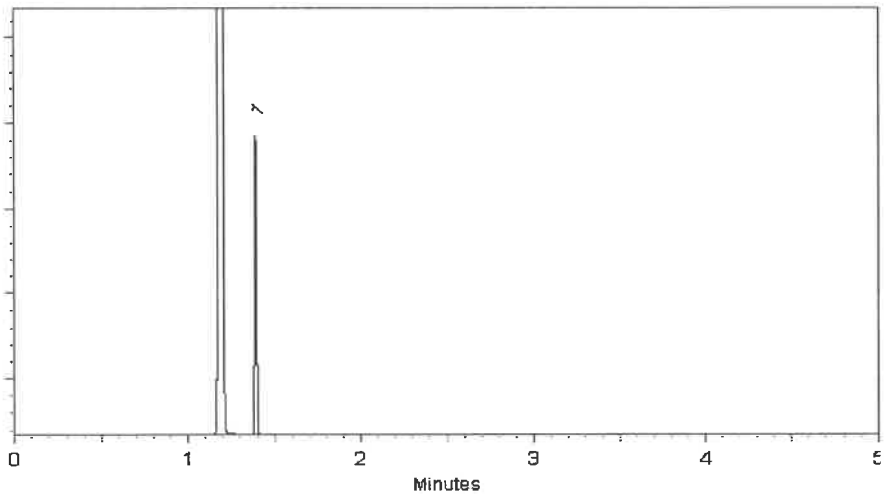
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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:

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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.)

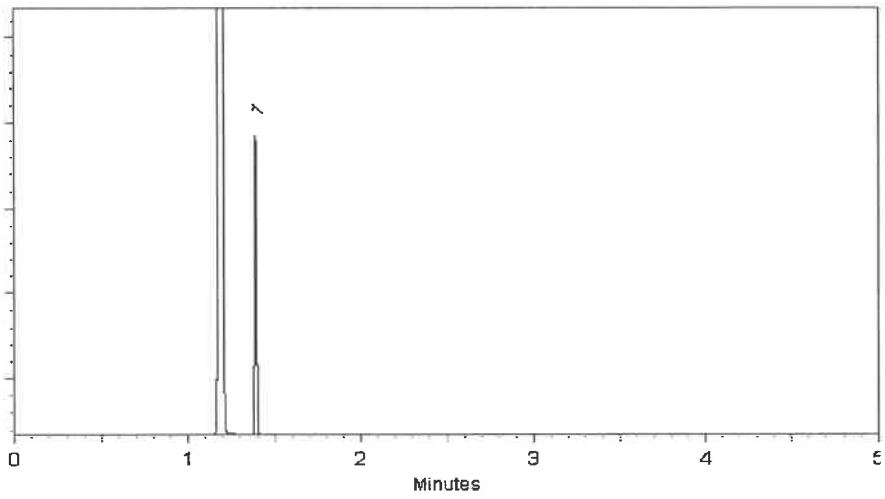
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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:

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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

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
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Temp. Program:
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

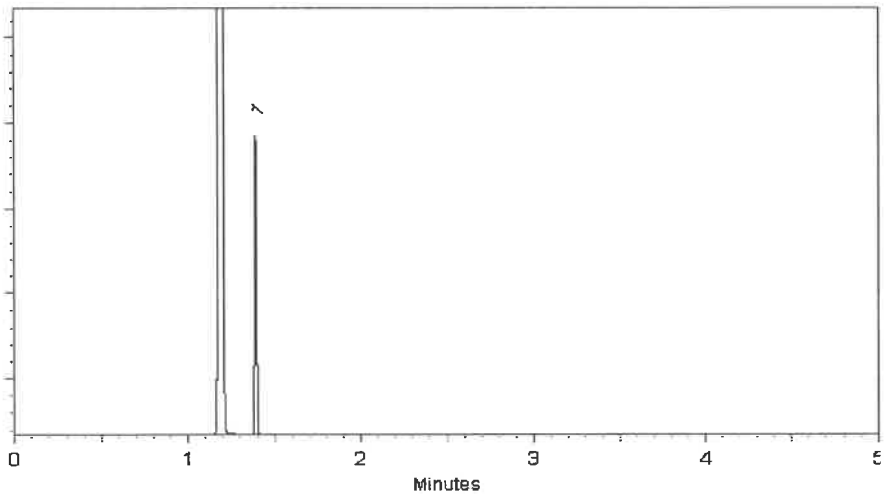
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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

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Description : 1,4-dioxane

1,4-Dioxane 2,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

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S11749 ↓ S11794 RC 11/30/23

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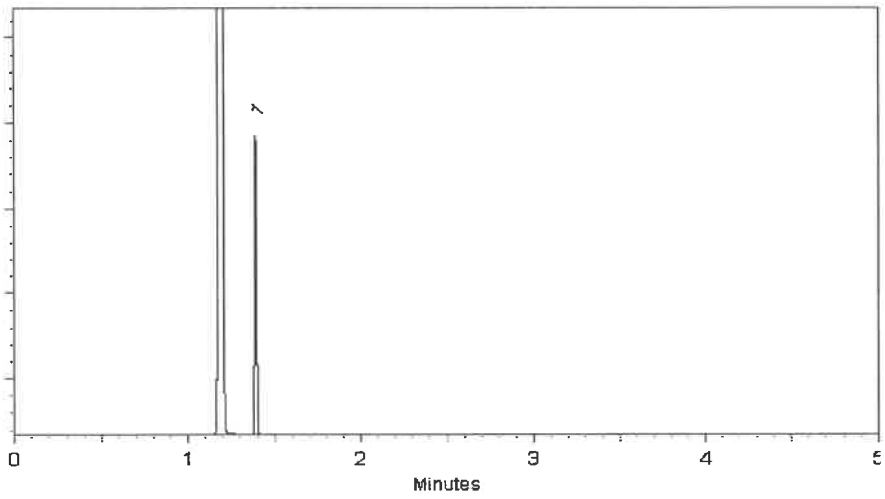
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Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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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

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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

S12075
↓
S12079
RC
02/01/24

*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.

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-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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Date Received:_____

Certificate of Analysis

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.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 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%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 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%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 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%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
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Bellefonte, PA 16823-8812
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Catalog No. : 31850 **Lot No.:** A0203726

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

S12117 ↓ S12146 RC/ 03/18/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 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%	1,001.6 µg/mL	+/- 36.4412
2	N-Nitrosodimethylamine	62-75-9	230209JLM	99%	1,005.9 µg/mL	+/- 36.5968
3	Phenol	108-95-2	MKCK1120	99%	1,003.3 µg/mL	+/- 36.5038
4	Aniline	62-53-3	X22F726	99%	1,005.8 µg/mL	+/- 36.5928
5	Bis(2-chloroethyl)ether	111-44-4	SHBL6942	99%	1,008.1 µg/mL	+/- 36.6776
6	2-Chlorophenol	95-57-8	STBJ3909	99%	1,001.8 µg/mL	+/- 36.4492
7	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	1,002.3 µg/mL	+/- 36.4654
8	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	1,003.7 µg/mL	+/- 36.5159
9	Benzyl alcohol	100-51-6	SHBK5469	99%	1,008.7 µg/mL	+/- 36.6979
10	1,2-Dichlorobenzene	95-50-1	SHBN3835	99%	1,000.3 µg/mL	+/- 36.3926
11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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11	2-Methylphenol (o-cresol)	95-48-7	SHBN7598	99%	1,003.5 µg/mL	+/- 36.5099
12	2,2'-oxybis(1-chloropropane)	108-60-1	29-MAR-45-5	99%	1,007.3 µg/mL	+/- 36.6493
13	3-Methylphenol (m-cresol)	108-39-4	STBJ0710	99%	504.3 µg/mL	+/- 18.3500
14	4-Methylphenol (p-cresol)	106-44-5	SHBN3411	99%	503.6 µg/mL	+/- 18.3237
15	N-Nitroso-di-n-propylamine	621-64-7	N63MG	99%	1,008.3 µg/mL	+/- 36.6857
16	Hexachloroethane	67-72-1	QTORH	99%	1,007.5 µg/mL	+/- 36.6554
17	Nitrobenzene	98-95-3	10224044	99%	1,008.6 µg/mL	+/- 36.6938

18	Isophorone	78-59-1	MKCC9506	99%	1,005.9	µg/mL	+/-	36.5988
19	2-Nitrophenol	88-75-5	RP230710	99%	1,003.2	µg/mL	+/-	36.4998
20	2,4-Dimethylphenol	105-67-9	XW5GK	99%	1,003.8	µg/mL	+/-	36.5200
21	Bis(2-chloroethoxy)methane	111-91-1	13670200	99%	1,002.1	µg/mL	+/-	36.4573
22	2,4-Dichlorophenol	120-83-2	BCBZ6787	99%	1,003.7	µg/mL	+/-	36.5180
23	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	1,007.6	µg/mL	+/-	36.6574
24	Naphthalene	91-20-3	STBL1057	99%	1,008.3	µg/mL	+/-	36.6837
25	4-Chloroaniline	106-47-8	BCCJ3217	99%	1,001.3	µg/mL	+/-	36.4290
26	Hexachlorobutadiene	87-68-3	RP230823RSR	98%	1,008.3	µg/mL	+/-	36.6829
27	4-Chloro-3-methylphenol	59-50-7	BCCD4461	99%	1,003.1	µg/mL	+/-	36.4937
28	2-Methylnaphthalene	91-57-6	STBK0259	96%	1,001.9	µg/mL	+/-	36.4505
29	1-Methylnaphthalene	90-12-0	5234.00-8	98%	1,000.0	µg/mL	+/-	36.3838
30	Hexachlorocyclopentadiene	77-47-4	099063I14L	98%	1,008.5	µg/mL	+/-	36.6909
31	2,4,6-Trichlorophenol	88-06-2	STBJ5914	99%	1,004.4	µg/mL	+/-	36.5442
32	2,4,5-Trichlorophenol	95-95-4	FHN01	98%	1,001.9	µg/mL	+/-	36.4512
33	2-Chloronaphthalene	91-58-7	RPN7O	99%	1,001.1	µg/mL	+/-	36.4230
34	2-Nitroaniline	88-74-4	RP230531	99%	1,002.9	µg/mL	+/-	36.4876
35	1,4-Dinitrobenzene	100-25-4	RP230816	99%	1,005.7	µg/mL	+/-	36.5887
36	Acenaphthylene	208-96-8	p06V	98%	1,009.5	µg/mL	+/-	36.7265
37	1,3-Dinitrobenzene	99-65-0	1-DXX-24-1	99%	1,004.4	µg/mL	+/-	36.5422
38	Dimethylphthalate	131-11-3	358221L17K	99%	1,005.9	µg/mL	+/-	36.5968
39	2,6-Dinitrotoluene	606-20-2	BCCG1833	99%	1,003.2	µg/mL	+/-	36.4998
40	1,2-Dinitrobenzene	528-29-0	RP230428	99%	1,002.2	µg/mL	+/-	36.4634
41	Acenaphthene	83-32-9	MKCR7169	99%	1,009.3	µg/mL	+/-	36.7221
42	3-Nitroaniline	99-09-2	RP230822RSR	99%	1,003.9	µg/mL	+/-	36.5240
43	2,4-Dinitrophenol	51-28-5	DR230417RSR	99%	1,002.0	µg/mL	+/-	36.4553
44	Dibenzofuran	132-64-9	MKCD9952	99%	1,006.7	µg/mL	+/-	36.6251
45	2,4-Dinitrotoluene	121-14-2	MKAA0690V	99%	1,003.8	µg/mL	+/-	36.5220
46	4-Nitrophenol	100-02-7	RP230627	99%	1,002.3	µg/mL	+/-	36.4674
47	2,3,4,6-Tetrachlorophenol	58-90-2	PR-30126	99%	1,008.7	µg/mL	+/-	36.6979
48	2,3,5,6-Tetrachlorophenol	935-95-5	RP230919	99%	1,006.3	µg/mL	+/-	36.6130
49	Fluorene	86-73-7	10241100	99%	1,008.3	µg/mL	+/-	36.6857
50	4-Chlorophenyl phenyl ether	7005-72-3	MKCT7248	99%	1,003.8	µg/mL	+/-	36.5220
51	Diethylphthalate	84-66-2	MKCD2547	99%	1,008.6	µg/mL	+/-	36.6958
52	4-Nitroaniline	100-01-6	RP230111	99%	1,001.1	µg/mL	+/-	36.4230
53	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	230718JLM	99%	1,002.0	µg/mL	+/-	36.4553

54	Diphenylamine	122-39-4	MKCH1042	99%	1,002.3	µg/mL	+/- 36.4674
55	Azobenzene	103-33-3	BCCK0887	99%	1,005.8	µg/mL	+/- 36.5928
56	4-Bromophenyl phenyl ether	101-55-3	STBH6361	99%	1,003.0	µg/mL	+/- 36.4917
57	Hexachlorobenzene	118-74-1	14821700	99%	1,007.5	µg/mL	+/- 36.6554
58	Pentachlorophenol	87-86-5	RP230530RSR	99%	1,008.8	µg/mL	+/- 36.7019
59	Phenanthrene	85-01-8	MKCQ8876	99%	1,008.4	µg/mL	+/- 36.6877
60	Anthracene	120-12-7	MKCR0570	99%	1,009.0	µg/mL	+/- 36.7100
61	Carbazole	86-74-8	14351100	99%	1,000.9	µg/mL	+/- 36.4149
62	Di-n-butylphthalate	84-74-2	MKCN4337	99%	1,007.6	µg/mL	+/- 36.6595
63	Fluoranthene	206-44-0	MKCQ4728	99%	1,009.6	µg/mL	+/- 36.7302
64	Pyrene	129-00-0	BCCG8479	98%	1,007.2	µg/mL	+/- 36.6453
65	Benzyl butyl phthalate	85-68-7	X12I018	99%	1,002.1	µg/mL	+/- 36.4573
66	Bis(2-ethylhexyl)adipate	103-23-1	MKCM1988	99%	1,005.2	µg/mL	+/- 36.5705
67	Benz(a)anthracene	56-55-3	I220012022BAA	99%	1,002.2	µg/mL	+/- 36.4614
68	Chrysene	218-01-9	RP230601	99%	1,008.3	µg/mL	+/- 36.6837
69	Bis(2-ethylhexyl)phthalate	117-81-7	MKCQ3468	99%	1,001.8	µg/mL	+/- 36.4472
70	Di-n-octyl phthalate	117-84-0	14382700	99%	1,006.0	µg/mL	+/- 36.6008
71	Benzo(b)fluoranthene	205-99-2	012013B	99%	1,002.8	µg/mL	+/- 36.4836
72	Benzo(k)fluoranthene	207-08-9	012022K	99%	1,003.0	µg/mL	+/- 36.4917
73	Benzo(a)pyrene	50-32-8	P54915-0703	99%	1,002.3	µg/mL	+/- 36.4674
74	Indeno(1,2,3-cd)pyrene	193-39-5	12-JKL-118-9	97%	1,009.4	µg/mL	+/- 36.7243
75	Dibenz(a,h)anthracene	53-70-3	2-ASA-59-1	99%	1,007.6	µg/mL	+/- 36.6595
76	Benzo(g,h,i)perylene	191-24-2	RP231003RSR	99%	1,002.9	µg/mL	+/- 36.4876

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

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Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

S12187 ↓ S12206 } RC/ 03/18/24

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

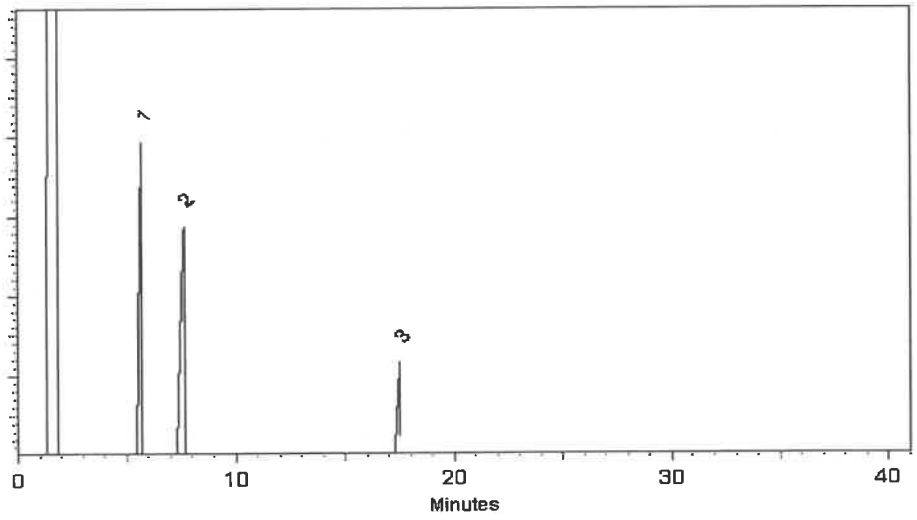
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

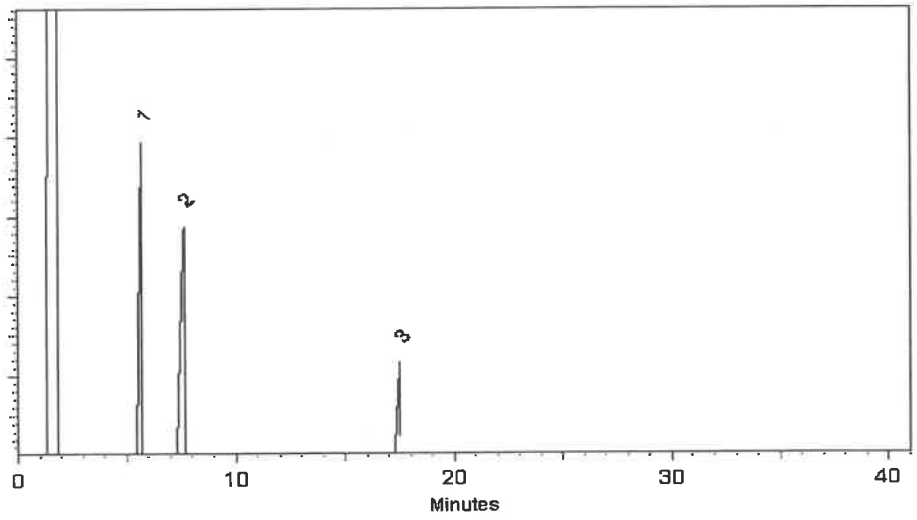
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31087 **Lot No.:** A0206206

Description : Acid Surrogate Mix (4/89 SOW)

Acid Surrogate 10, 000µg/mL, Methanol, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : January 31, 2032 **Storage:** 10°C or colder

Ship: Ambient

S12187 ↓ S12206 } RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Fluorophenol	367-12-4	STBK1705	99%	10,005.3 µg/mL	+/- 302.5390
2	Phenol-d6	13127-88-3	PR-33287A	99%	10,005.5 µg/mL	+/- 302.5475
3	2,4,6-Tribromophenol	118-79-6	RP230831RSR	99%	10,006.6 µg/mL	+/- 302.5783

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

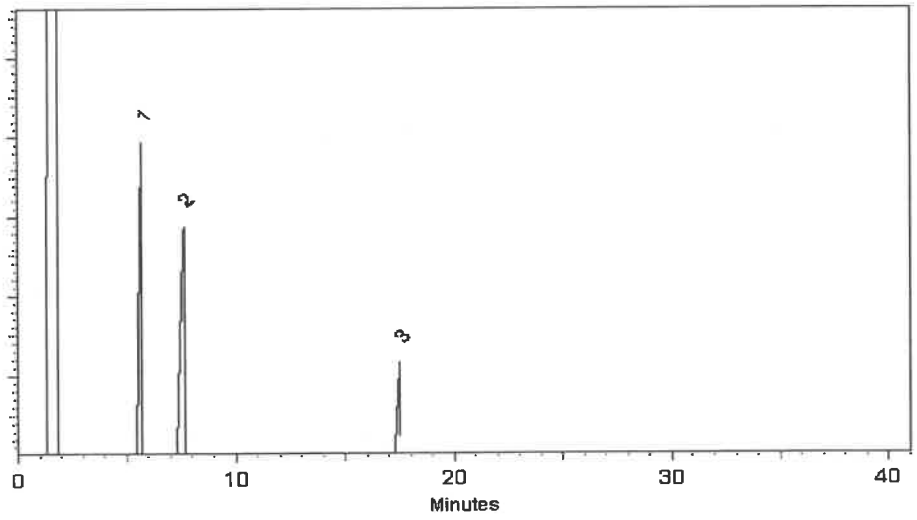
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



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Penelope Riglin - Operations Tech I

Date Mixed: 04-Jan-2024 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 08-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31086 **Lot No.:** A0206381

Description : B/N Surrogate Mix (4/89 SOW)

Base Neutral Surrogate 5000µg/mL, Methylene Chloride, 5mL/ampul

Container Size : 5 mL **Pkg Amt:** > 5 mL

Expiration Date : December 31, 2029 **Storage:** 10°C or colder

Handling: Sonicate prior to use. **Ship:** Ambient

S12207 ↓ S12221 RC/ 03/18/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Nitrobenzene-d5	4165-60-0	I-25158	99%	5,029.3 µg/mL	+/- 226.5204
2	2-Fluorobiphenyl	321-60-8	00021384	99%	5,030.9 µg/mL	+/- 226.5936
3	p-Terphenyl-d14	1718-51-0	PR-32599	99%	5,026.4 µg/mL	+/- 226.3909

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

Tech Tips:
Due to the limited solubility of p-terphenyl-d14 in methanol, we do not recommend that this mixture be diluted in methanol.

Quality Confirmation Test

Column:
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:
hydrogen-constant pressure 10 psi.

Temp. Program:
40°C (hold 2 min.) to 330°C
@ 10°C/min. (hold 10 min.)

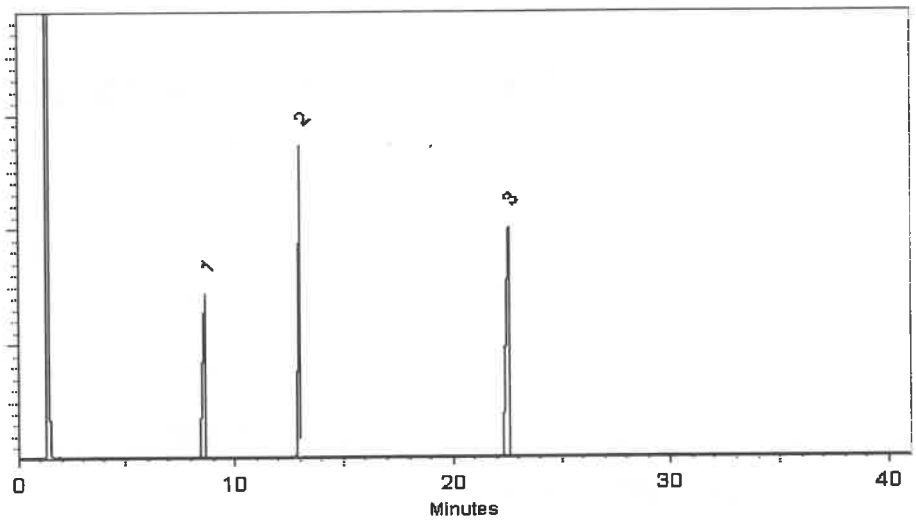
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
2 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Jess Hoy - Operations Tech I

Date Mixed: 09-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Fax: 1-814-353-1309

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

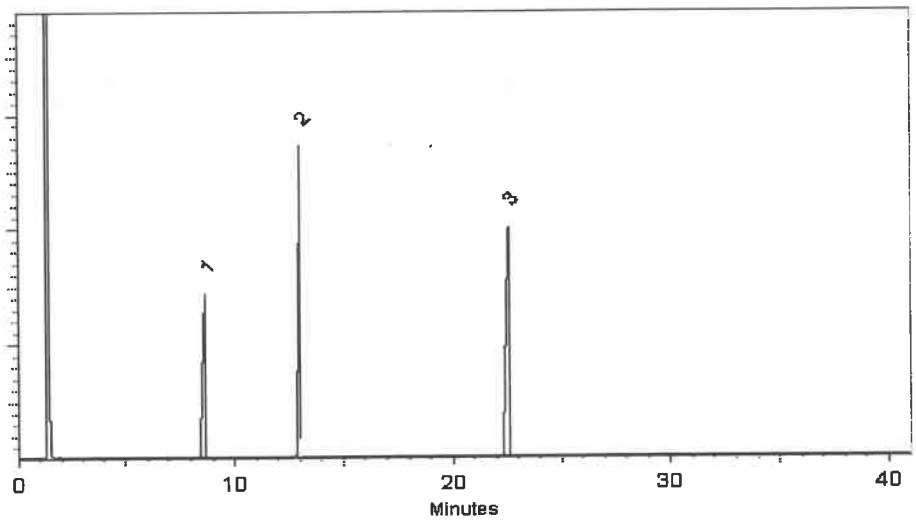
Inj. Temp:
250°C

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

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-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.

CPI INTERNATIONAL

5580 Skylane Blvd
Santa Rosa, CA 95403

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(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-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.

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S12312 ↓ S12331 } RC/ 05/30/24

Catalog No. : 31206 **Lot No.:** A0206540

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 : December 31, 2029 **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%	2,007.1 µg/mL	+/- 90.4025
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,005.9 µg/mL	+/- 90.3454
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,007.9 µg/mL	+/- 90.4385
4	Phenanthrene-d10	1517-22-2	PR-32303	99%	2,006.7 µg/mL	+/- 90.3845
5	Chrysene-d12	1719-03-5	PR-32210	99%	2,015.5 µg/mL	+/- 90.7778
6	Perylene-d12	1520-96-3	PR-33205	99%	2,014.7 µg/mL	+/- 90.7448

* 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 pressure 10 psi.

Temp. Program:
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

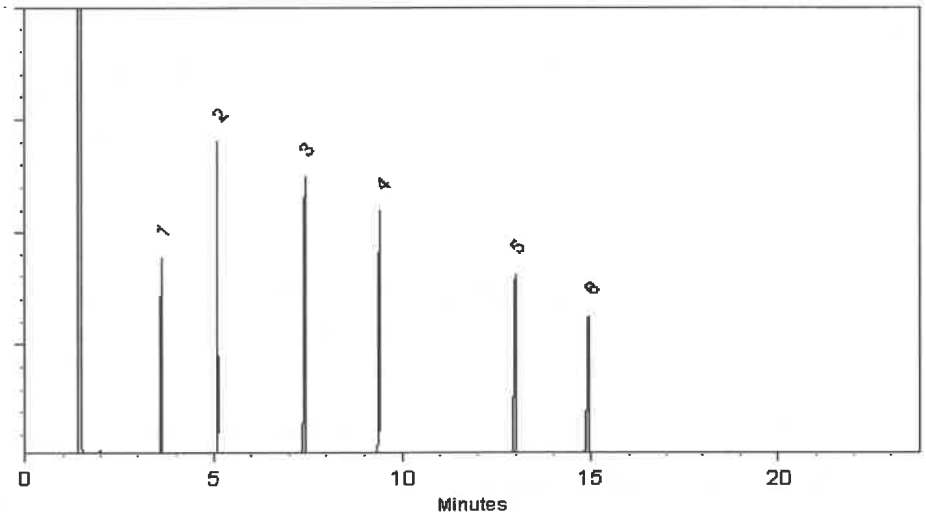
Inj. Temp:
250°C

Det. Temp:
330°C

Det. Type:
FID

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Malina Homan - Operations Technician I

Date Mixed: 12-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

gravimetric

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

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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

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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

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	3,3'-Dichlorobenzidine	91-94-1	S240326RSR	99%	1,004.0 µg/mL	+/- 23.0487
2	Atrazine	1912-24-9	5FYWL	99%	1,005.0 µg/mL	+/- 23.0717
3	Benzidine	92-87-5	S240430RSR	99%	1,006.0 µg/mL	+/- 23.0947
4	epsilon-Caprolactam	105-60-2	Y16H012	99%	1,000.0 µg/mL	+/- 22.9569

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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)
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Solvent: Methylene chloride
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S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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Catalog No. : 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)
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Purity 99%

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Rebecca Gingerich - Operations Tech II

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Catalog No. : 555223 **Lot No.:** A0214021

Description : Custom 8270 Plus Standard #1

Custom 8270 Plus Standard #1 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Handling: This product is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12449 ↓ S12508 } RC 7/24/24

Rebecca Gingerich - Operations Tech II

Date Mixed: 18-Jul-2024 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2,4,5-Tetrachlorobenzene	95-94-3	MKCT9480	99%	1,005.0 µg/mL	+/- 29.541899
2	Acetophenone	98-86-2	STBH8205	99%	1,005.0 µg/mL	+/- 29.541899
3	Benzaldehyde	100-52-7	RD231129RSRA	99%	1,008.0 µg/mL	+/- 29.630084
4	Benzoic acid	65-85-0	MKCR2694	99%	1,010.0 µg/mL	+/- 29.688874
5	Biphenyl	92-52-4	MKCS5928	99%	1,008.0 µg/mL	+/- 29.630084

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

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Manufacturing Notes:

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Handling Notes:

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Certificate of Analysis

gravimetric

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Catalog No. : 555224 **Lot No.:** A0214017

Description : Custom 8270 Plus Standard #2

Custom 8270 Plus Standard #2 1,000µg/mL, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2026 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015
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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

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CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

Date Mixed: 18-Jul-2024 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- 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:

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RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited
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Certificate of Analysis

gravimetric

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Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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Expiration Date : July 31, 2026 **Storage:** 10°C or colder

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Jess Hoy - Operations Tech I

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Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12509 ↓ S12568 } RC/ 7/24/24

Jess Hoy - Operations Tech I

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Purity 99%

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S12509 ↓ S12568 } RC/ 7/24/24

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CERTIFIED REFERENCE MATERIAL

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Certificate of Analysis

chromatographic plus

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Catalog No. : 31206 **Lot No.:** A0212266

Description : SV Internal Standard Mix 2mg/ml

SV Internal Standard Mix 2mg/ml 2000 µg/ml, Methylene Chloride, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,000.6 µg/mL	+/- 90.1075
2	Naphthalene-d8	1146-65-2	M-2180	99%	2,000.3 µg/mL	+/- 90.0925
3	Acenaphthene-d10	15067-26-2	PR-33507	99%	2,000.4 µg/mL	+/- 90.1000
4	Phenanthrene-d10	1517-22-2	PR-34099	99%	2,000.5 µg/mL	+/- 90.1037
5	Chrysene-d12	1719-03-5	PR-33506	99%	2,000.7 µg/mL	+/- 90.1112
6	Perylene-d12	1520-96-3	PR-33205	99%	2,000.6 µg/mL	+/- 90.1075

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Methylene chloride
CAS # 75-09-2
Purity 99%

S12645 ↓ S12674 AC 10/1/24

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
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Tel: 1-814-353-1300
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31850 **Lot No.:** A0219438

Description : 8270 MegaMix®

8270 MegaMix® 500-1000 µg/mL, Methylene Chloride, 1mL/ampul

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

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pyridine	110-86-1	SHBP6240	99%	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.

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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.

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Handling: Sonication required. Mix is photosensitive. **Ship:** Ambient

S12963 ↓ S12992 AC 12/17/24

CERTIFIED VALUES

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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.

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

Q1211

Weston COC ID
Weston_20250128_1605

Chain of Custody Record/Lab Work Request

Page 1 of 1

Client:	Weston Solutions, Inc.		
Project Manager:	David Sembrot		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-314-5456	ST, ZIP:	PA, 19038
e-mail:	david.sembrot@westonsolutions.com		
Sampled By:	Cheyenne Harrington		

Project Name:	Fort Meade RI	Project POC:	Nathan Fretz
PO Number	0111169	Phone:	484-524-5665
W.O. #:		POC e-mail:	nathan.fretz@westonsolutions.com
Lab:	CHEMTECH	Lab POC:	Yazmeen Gomez
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	284 Sheffield Street Mountainside, NJ 07092		

Matrix Codes
SS - Soil
SE - Sediment
SO - Solid
SL - Sludge
GW - Groundwater
W - Water
SB - Soil Boring
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate properly preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	DRO by EPA 8015D	Pesticides by EPA 8081B	SVOCs by EPA 8270E	O&G by EPA 1664A	Hardness by EPA 200	Anions by EPA 9056A	TOC by EPA 9060A/Lloyd Kahn	GRO by EPA 8015D	VOCs by EPA 8260D	Hex Cr by EPA	Ammonia by SM4500-NH3 B P	Metals w Hg by EPA 6020B/7470A	Special Instructions/Comments
	Container Type:							Amber	Amber	Amber	Glass	Plastic	Plastic	Vial	Vial	Vial	Plastic	Plastic	Plastic	
	Container Size:							1 L	1 L	1 L	1 L	1 L	1 L	40 mL	40 mL	40 mL	500 mL	500 mL	500 mL	
	Preservative:							Ice to 0-6	Ice to 0-6	Ice to 0-6	H2SO4 to <	HNO3 to pH	Ice to 0-6	H2SO4 to <	HCL to PH	HCL to Ph	Ammonium	H2SO4; Ice	HNO3 to pH	
1	TAPHHA-MW01-012825-00-T4	g	GW	19	no	1/28/2025	12:00	X	X	X	X	X	X	X	X	X	X	X	X	
2	TAPIAL2-MW03-012825-00-T3	g	GW	19	no	1/28/2025	14:55	X	X	X	X	X	X	X	X	X	X	X	X	
3	TAP-TB-02-012825-T4	g	W	2	no	1/28/2025	12:05									X				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Shipping Airbill Number: 771732954230, 771732954240

Cooler Number: 1/2 of 2

	Relinquished By	Date	Time	Received By	Date	Time
1.)		1/28/25	1710		1-29-25	10:00
2.)						
3.)						

Additional Comments:

QSM 6.0 Compliant

Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD

2.1°C, 2.8°C

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1211 WEST04
Client Name : Weston Solutions
Client Contact : Nathan Fretz
Invoice Name : Weston Solutions
Invoice Contact : Nathan Fretz

Order Date : 1/29/2025 10:10:00 AM
Project Name : Ft Meade Tipton Airfield Pa
Receive DateTime : 1/29/2025 10:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : SEDD 2A
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1211-01	~~TPHHA-MW01-012825-00-T4~~ TAPHHA-MW01-012825-00-T4	Water	01/28/2025	12:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1211-02	TAPIAL2-MW03-012825-00-T3	Water	01/28/2025	14:55	VOC-TCLVOA-10		8260D		10 Bus. Days
Q1211-03	TAP-TB-02-012825-T4	Water	01/28/2025	12:05	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : CR
Date / Time : 1-29-25 1126

Received By : Sam
Date / Time : 1/29/25 11:25 Light 5

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 30 04:13:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	132200	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	533326	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	289559	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	510795	20.000	ng	0.00
76) Chrysene-d12	13.969	240	308114	20.000	ng	0.00
86) Perylene-d12	15.433	264	280028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	183846	21.350	ng	-0.01
7) Phenol-d6	6.416	99	237908	21.718	ng	-0.02
23) Nitrobenzene-d5	7.357	82	211040	20.860	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	57417	21.629	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	423852	22.530	ng	-0.01
79) Terphenyl-d14	12.910	244	434781	21.762	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	39830	10.517	ng	98
3) Pyridine	3.222	79	93176	10.211	ng	99
4) n-Nitrosodimethylamine	3.152	42	52156	10.006	ng	98
6) Aniline	6.457	93	99872	10.770	ng	99
8) 2-Chlorophenol	6.581	128	99805	10.813	ng	95
9) Benzaldehyde	6.346	77	74679	11.769	ng	99
10) Phenol	6.434	94	124196	10.695	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	93367	10.486	ng	99
12) 1,3-Dichlorobenzene	6.740	146	110278	10.836	ng	98
13) 1,4-Dichlorobenzene	6.816	146	109956	10.755	ng	99
14) 1,2-Dichlorobenzene	6.969	146	106335	11.108	ng	98
15) Benzyl Alcohol	6.934	79	79378	10.603	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	164185	10.604	ng	99
17) 2-Methylphenol	7.045	107	77643	10.351	ng	98
18) Hexachloroethane	7.310	117	40445	10.724	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	70075	10.765	ng	99
20) 3+4-Methylphenols	7.198	107	103350	11.221	ng	95
22) Acetophenone	7.204	105	139527	11.006	ng	98
24) Nitrobenzene	7.375	77	109497	10.444	ng	99
25) Isophorone	7.616	82	182564	10.439	ng	100
26) 2-Nitrophenol	7.692	139	49783	10.068	ng	98
27) 2,4-Dimethylphenol	7.728	122	60245	9.573	ng	98
28) bis(2-Chloroethoxy)met...	7.828	93	117232	10.509	ng	98
29) 2,4-Dichlorophenol	7.934	162	79949	10.377	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	94419	10.731	ng	98
31) Naphthalene	8.098	128	305386	10.839	ng	99
32) Benzoic acid	7.798	122	47549	8.219	ng	99
33) 4-Chloroaniline	8.151	127	100852	10.556	ng	98
34) Hexachlorobutadiene	8.222	225	55103	10.679	ng	99
35) Caprolactam	8.481	113	25363	10.080	ng	100
36) 4-Chloro-3-methylphenol	8.622	107	87592	10.599	ng	98
37) 2-Methylnaphthalene	8.792	142	195160	10.898	ng	99
38) 1-Methylnaphthalene	8.892	142	192861	10.964	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	88710	10.769	ng	99
41) Hexachlorocyclopentadiene	8.945	237	22759	9.355	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	55036	10.207	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 30 04:13:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	61493	10.479	ng	100
46) 1,1'-Biphenyl	9.257	154	245028	10.851	ng	99
47) 2-Chloronaphthalene	9.281	162	189709	10.778	ng	98
48) 2-Nitroaniline	9.375	65	56247	10.160	ng	99
49) Acenaphthylene	9.692	152	268471	10.896	ng	99
50) Dimethylphthalate	9.551	163	210816	10.780	ng	100
51) 2,6-Dinitrotoluene	9.616	165	47955	10.561	ng	97
52) Acenaphthene	9.869	154	188283	10.697	ng	100
53) 3-Nitroaniline	9.781	138	47818	10.744	ng	95
54) 2,4-Dinitrophenol	9.892	184	14749	6.987	ng	98
55) Dibenzofuran	10.039	168	258832	10.985	ng	99
56) 4-Nitrophenol	9.939	139	31196	9.585	ng	98
57) 2,4-Dinitrotoluene	10.016	165	62418	10.617	ng	99
58) Fluorene	10.381	166	204141	11.170	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	49596	10.743	ng	100
60) Diethylphthalate	10.257	149	205131	10.818	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	100485	11.256	ng	100
62) 4-Nitroaniline	10.392	138	45222	10.335	ng	99
63) Azobenzene	10.534	77	204300	10.763	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	26939	8.916	ng	91
66) n-Nitrosodiphenylamine	10.492	169	174617	10.569	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	59770	10.452	ng	96
68) Hexachlorobenzene	10.928	284	63908	10.536	ng	100
69) Atrazine	11.016	200	51633	9.347	ng	99
70) Pentachlorophenol	11.128	266	34788	9.794	ng	99
71) Phenanthrene	11.345	178	298892	10.886	ng	99
72) Anthracene	11.398	178	292813	10.884	ng	99
73) Carbazole	11.551	167	258853	10.851	ng	99
74) Di-n-butylphthalate	11.886	149	316336	10.942	ng	99
75) Fluoranthene	12.533	202	306969	11.323	ng	99
77) Benzidine	12.657	184	73918	7.483	ng	98
78) Pyrene	12.763	202	317744	10.743	ng	99
80) Butylbenzylphthalate	13.386	149	106335	10.291	ng	99
81) Benzo(a)anthracene	13.957	228	217291	10.220	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	65021	9.615	ng	99
83) Chrysene	13.992	228	204080	10.473	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	139099	10.612	ng	99
85) Di-n-octyl phthalate	14.580	149	195129	9.585	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	177554	9.824	ng	100
88) Benzo(b)fluoranthene	15.010	252	193558	10.989	ng	99
89) Benzo(k)fluoranthene	15.039	252	155925	9.992	ng	99
90) Benzo(a)pyrene	15.374	252	148214	9.957	ng	100
91) Dibenzo(a,h)anthracene	16.898	278	140143	9.638	ng	99
92) Benzo(g,h,i)perylene	17.315	276	150453	9.951	ng	99

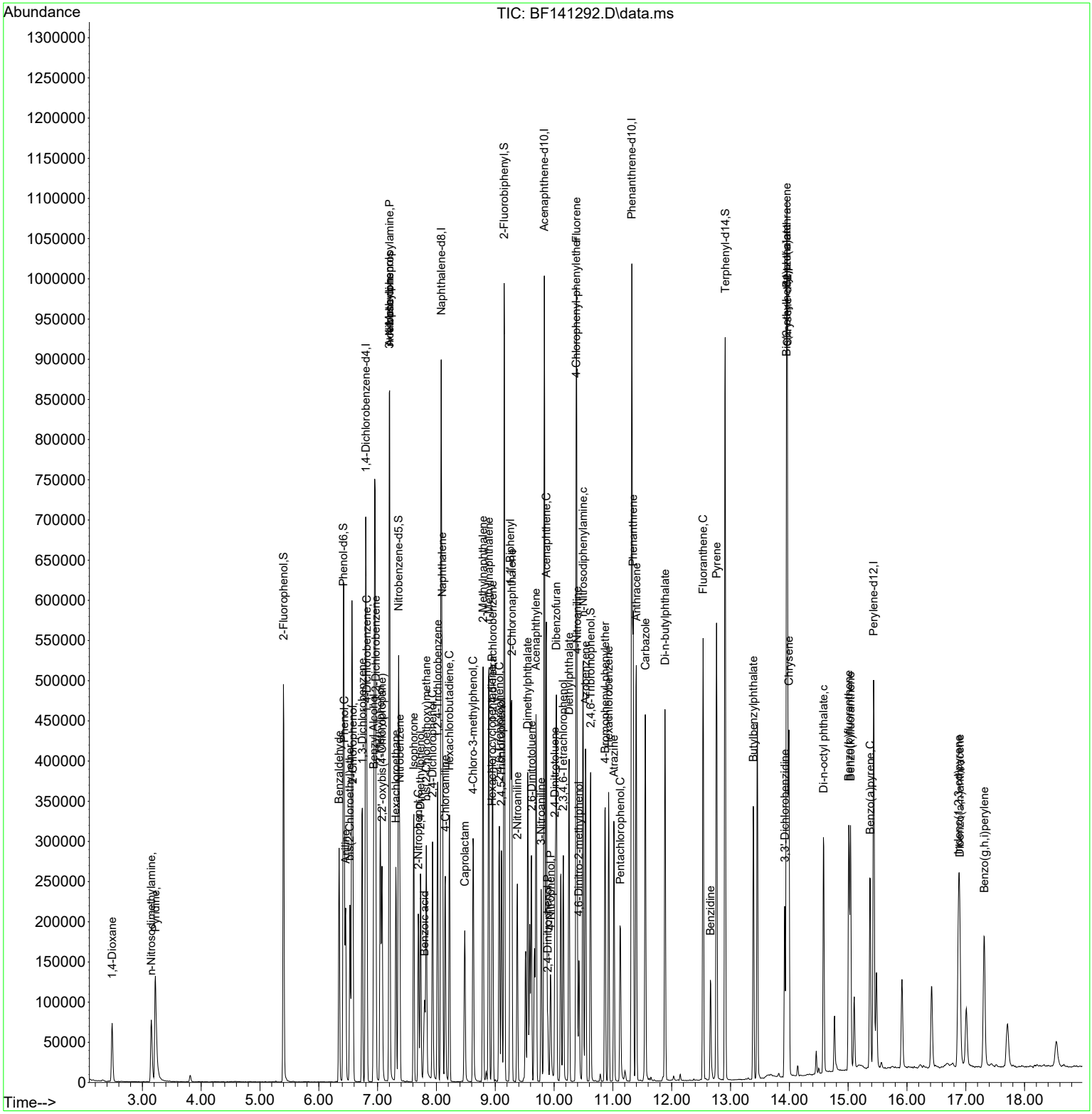
(#) = qualifier out of range (m) = manual integration (+) = signals summed

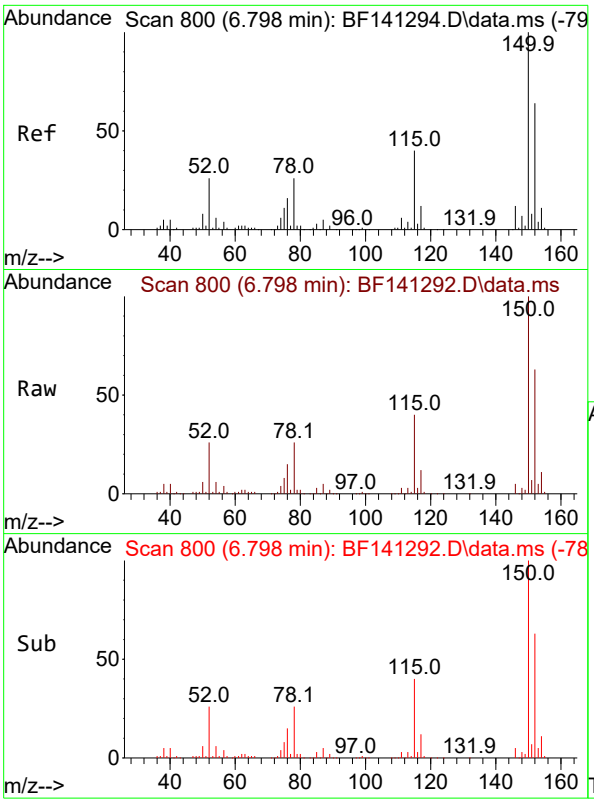
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141292.D
Acq On : 29 Jan 2025 11:49
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jan 30 04:13:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



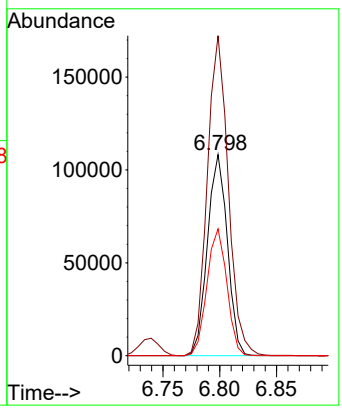


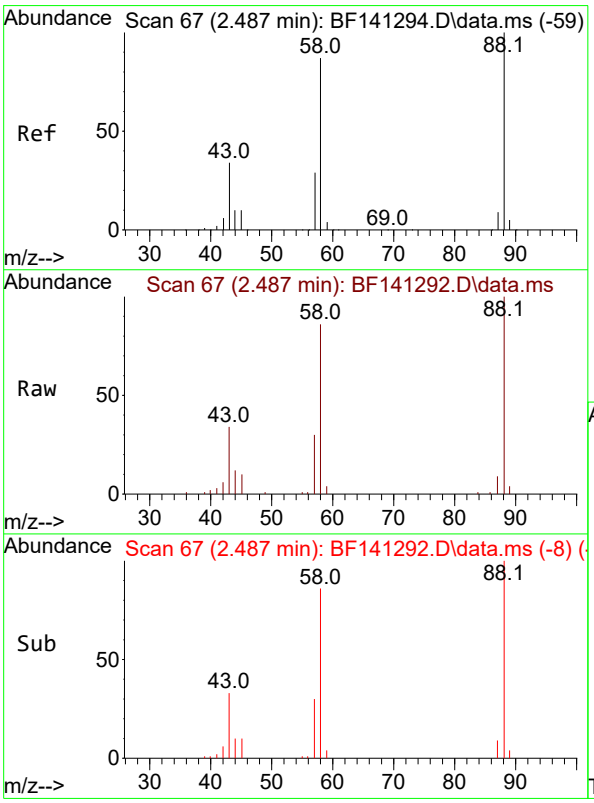
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 132200

Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.9	188.9
115	63.1	49.7	74.5

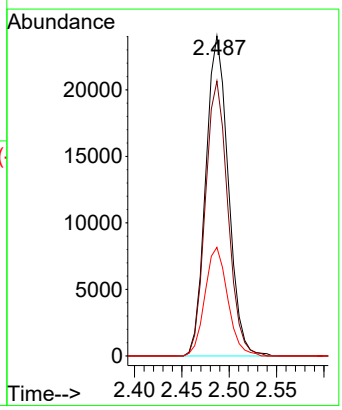


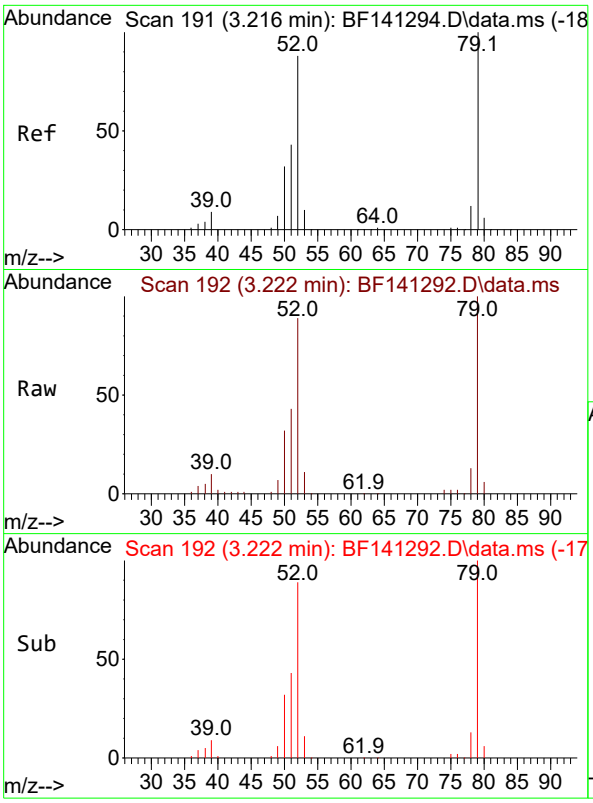


#2
1,4-Dioxane
Concen: 10.517 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 88 Resp: 39830

Ion	Ratio	Lower	Upper
88	100		
58	85.5	70.2	105.4
43	34.3	27.6	41.4



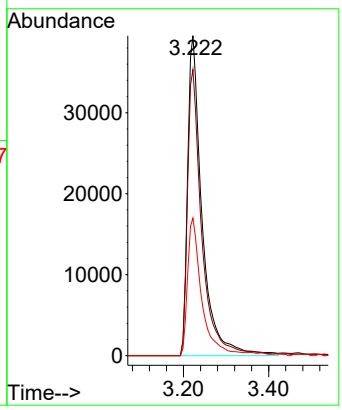


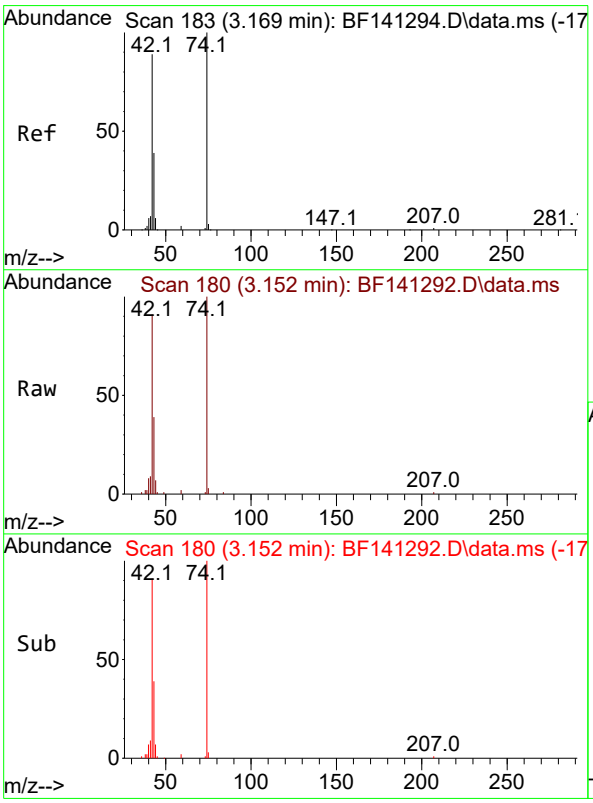
#3
Pyridine
Concen: 10.211 ng
RT: 3.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 93176

Ion	Ratio	Lower	Upper
79	100		
52	89.4	70.3	105.5
51	43.0	34.3	51.5

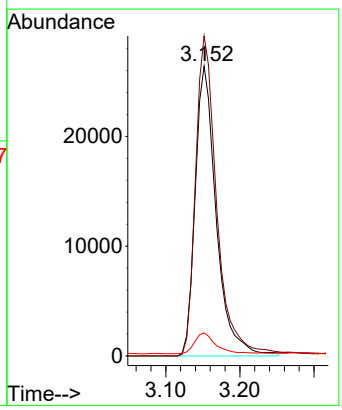


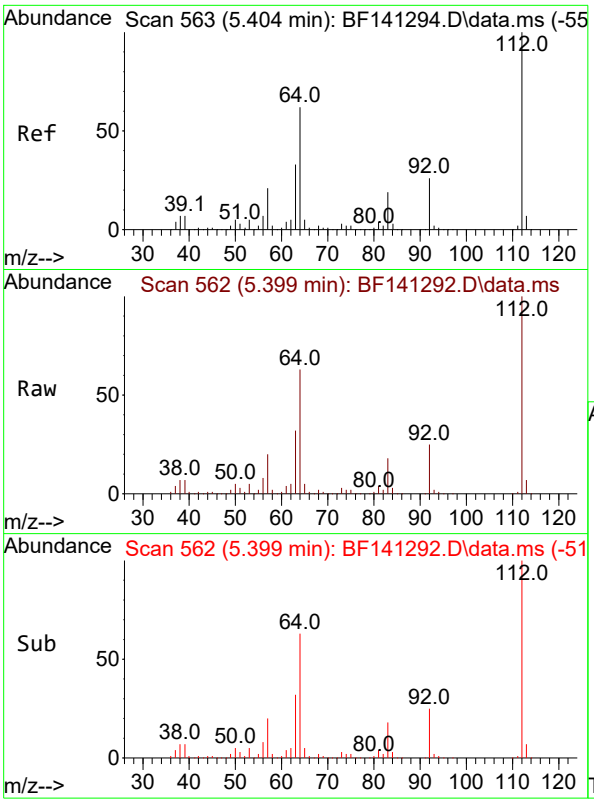


#4
n-Nitrosodimethylamine
Concen: 10.006 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.047 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 42 Resp: 52156

Ion	Ratio	Lower	Upper
42	100		
74	110.5	90.3	135.5
44	8.0	5.7	8.5



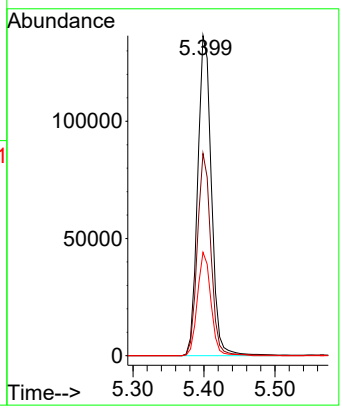


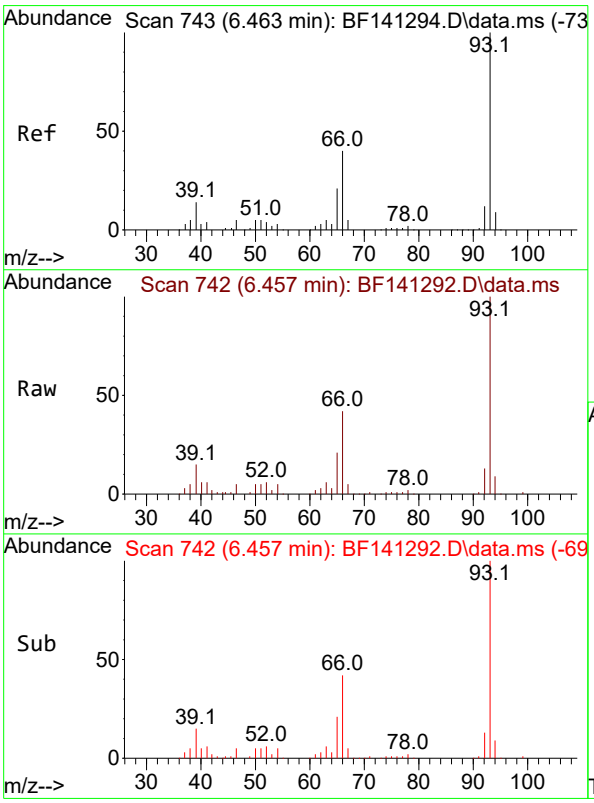
#5
2-Fluorophenol
Concen: 21.350 ng
RT: 5.399 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:112 Resp: 183846

Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.8	74.8
63	32.3	26.1	39.1

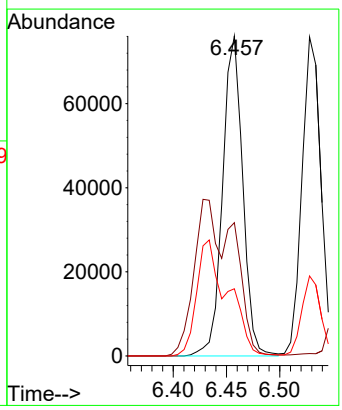


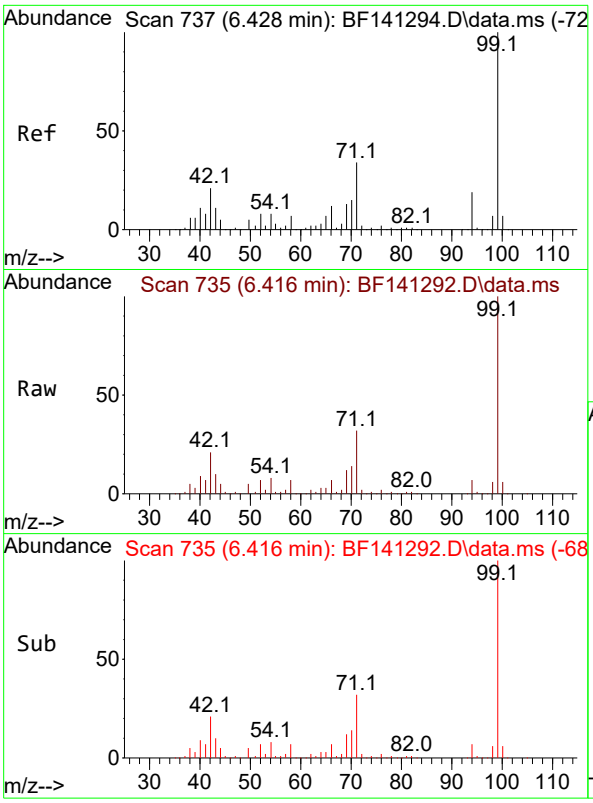


#6
Aniline
Concen: 10.770 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 99872

Ion	Ratio	Lower	Upper
93	100		
66	41.7	32.5	48.7
65	21.0	17.0	25.6



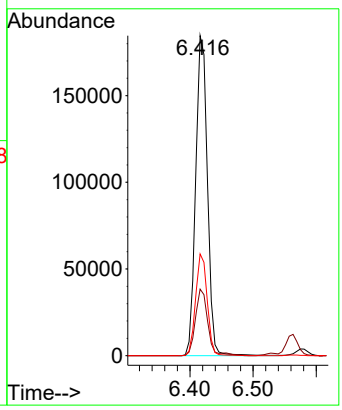


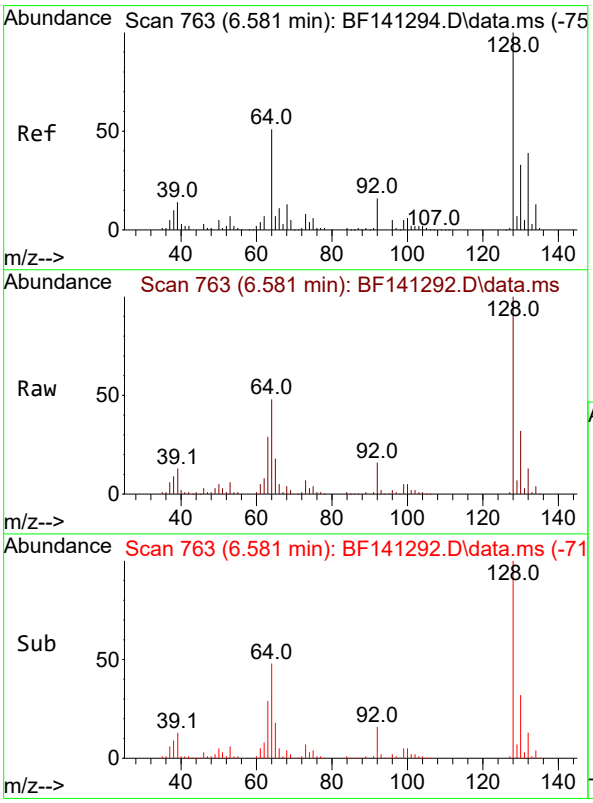
#7
Phenol-d6
Concen: 21.718 ng
RT: 6.416 min Scan# 7
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 237908

Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.1	25.7
71	31.8	26.9	40.3

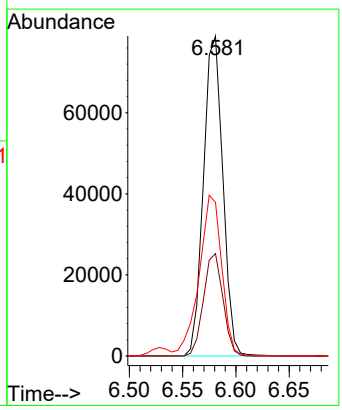


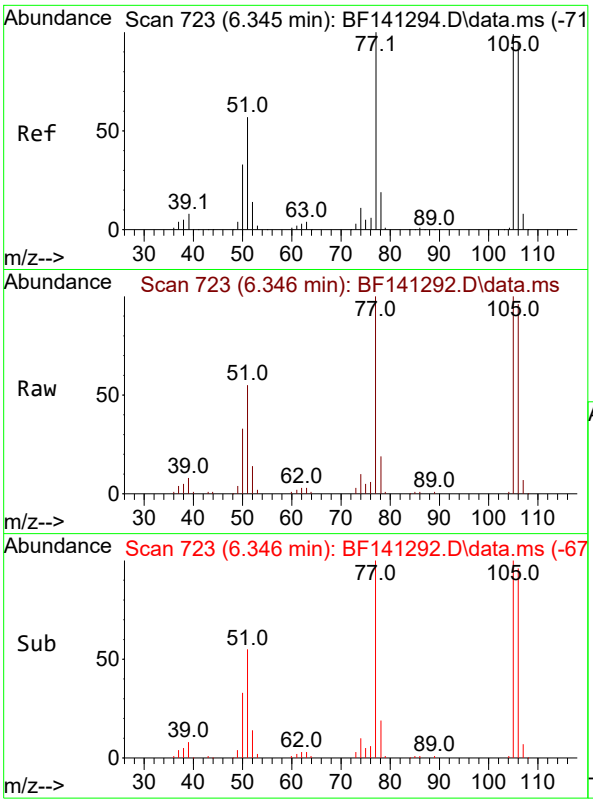


#8
2-Chlorophenol
Concen: 10.813 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:128 Resp: 99805

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	48.0	32.9	72.9



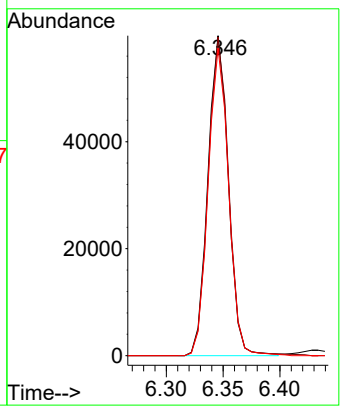


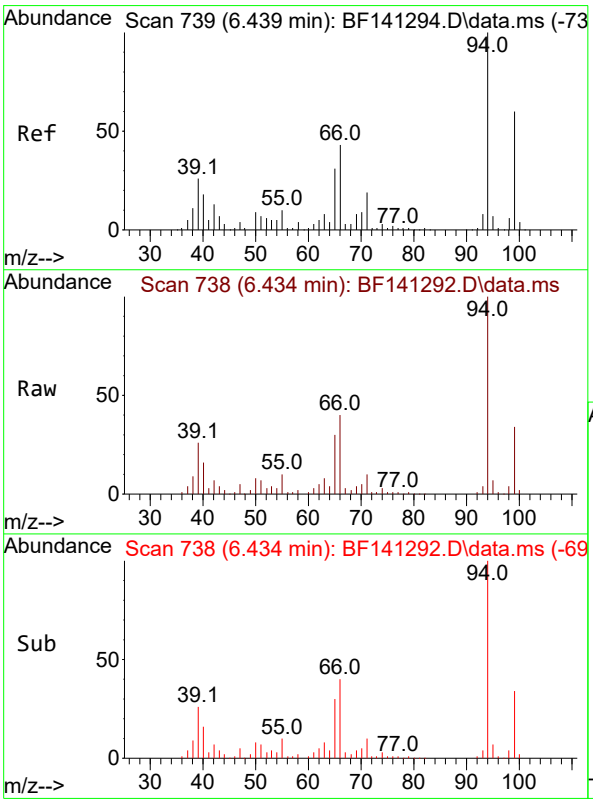
#9
Benzaldehyde
Concen: 11.769 ng
RT: 6.346 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 74679

Ion	Ratio	Lower	Upper
77	100		
105	99.6	79.4	119.4
106	96.1	74.6	114.6

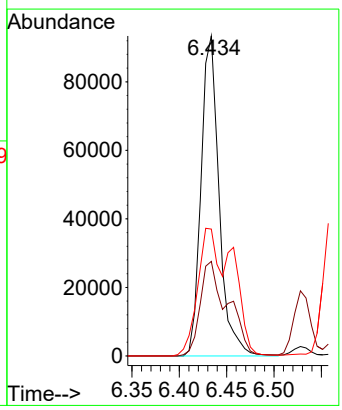


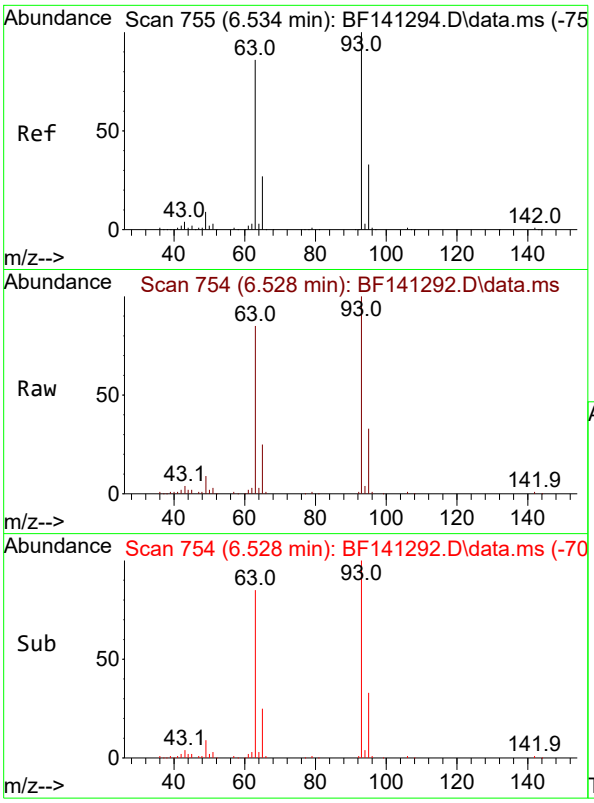


#10
Phenol
Concen: 10.695 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 94 Resp: 124196

Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.8	50.8
66	39.7	23.3	63.3



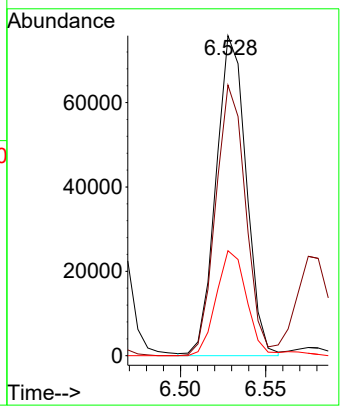


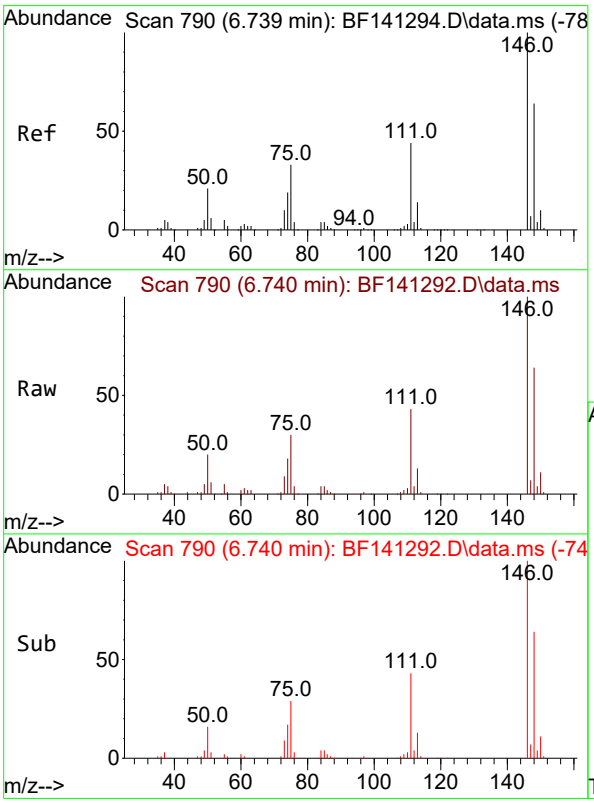
#11
bis(2-Chloroethyl)ether
Concen: 10.486 ng
RT: 6.528 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 93 Resp: 93367

Ion	Ratio	Lower	Upper
93	100		
63	84.6	65.0	105.0
95	32.8	12.4	52.4

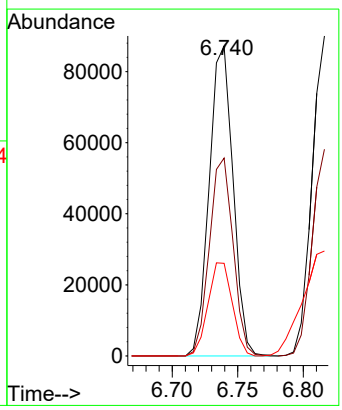


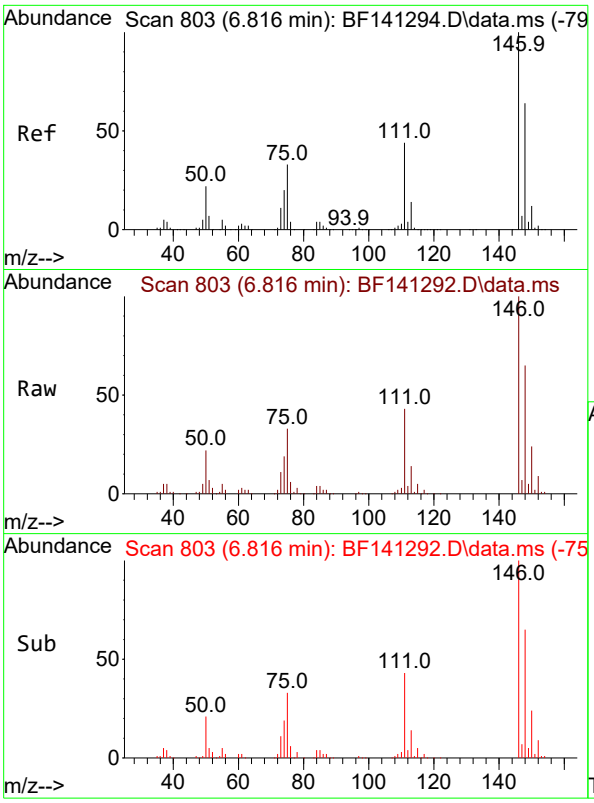


#12
1,3-Dichlorobenzene
Concen: 10.836 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 110278

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
75	29.9	26.2	39.4



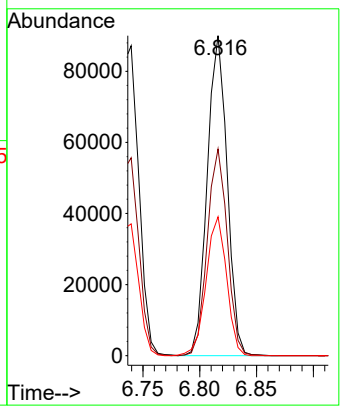


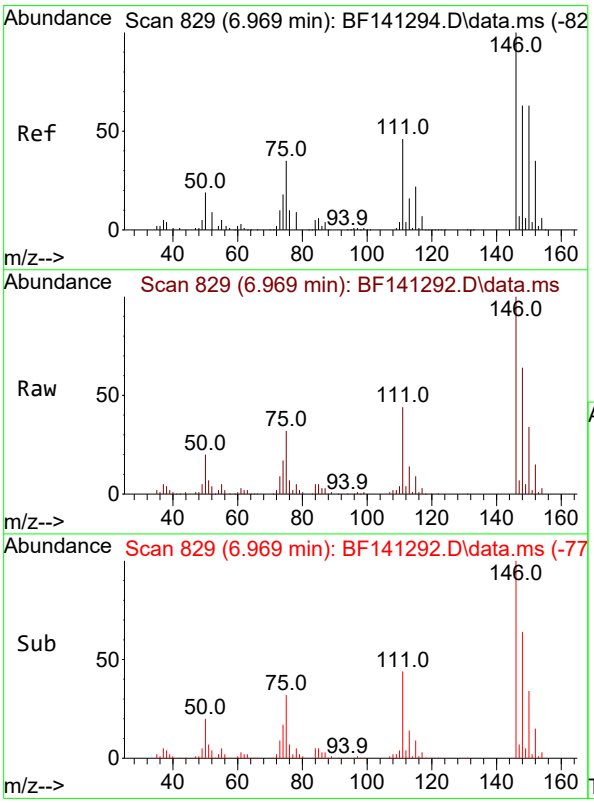
#13
1,4-Dichlorobenzene
Concen: 10.755 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:146 Resp: 109956

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	43.4	35.0	52.4

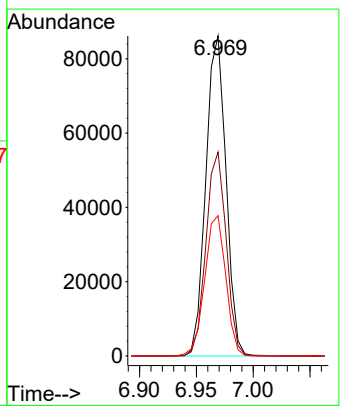


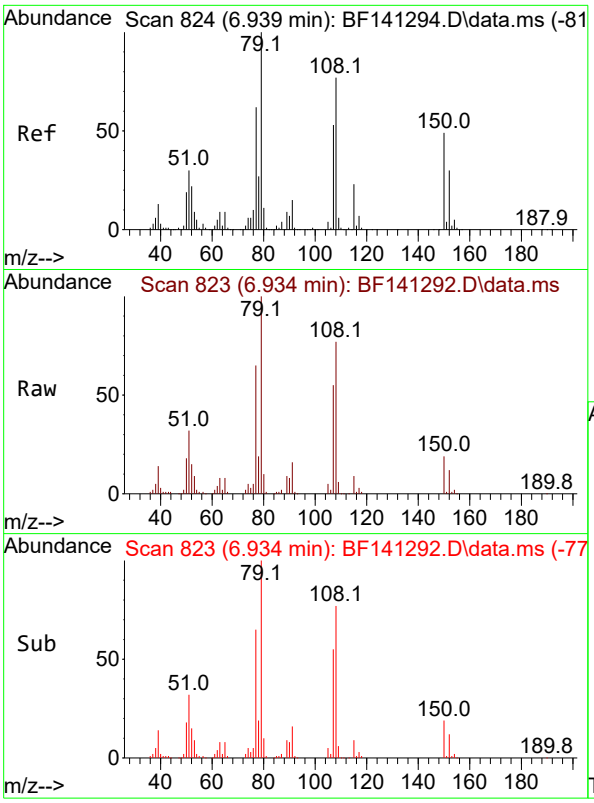


#14
1,2-Dichlorobenzene
Concen: 11.108 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:146 Resp: 106335

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	43.8	36.6	55.0



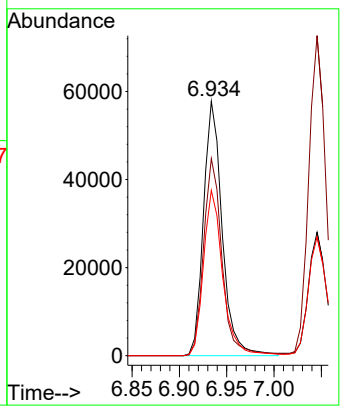


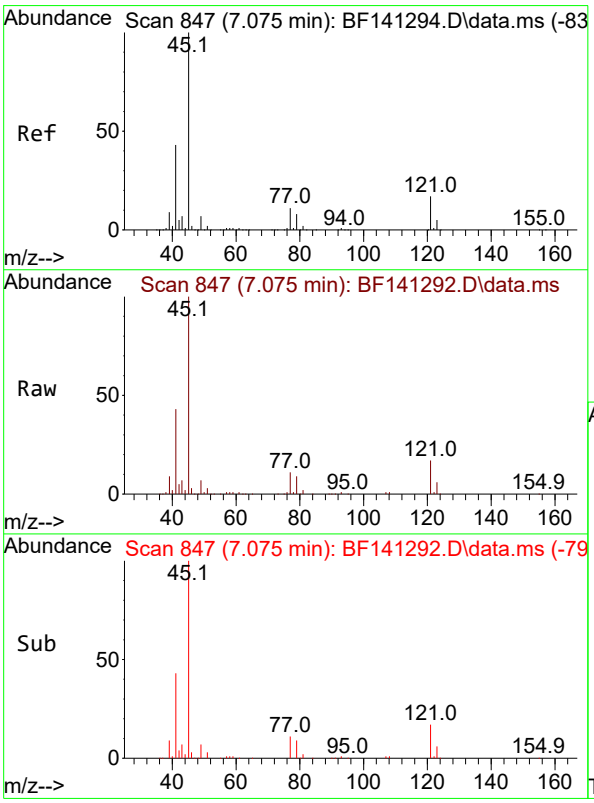
#15
Benzyl Alcohol
Concen: 10.603 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 79378

Ion	Ratio	Lower	Upper
79	100		
108	77.5	61.4	92.0
77	65.0	49.9	74.9

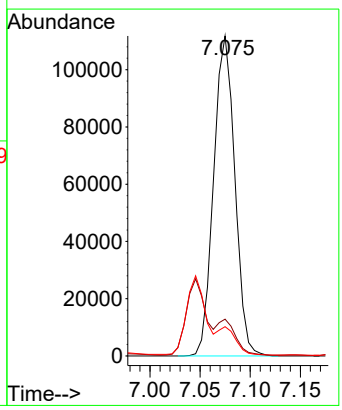


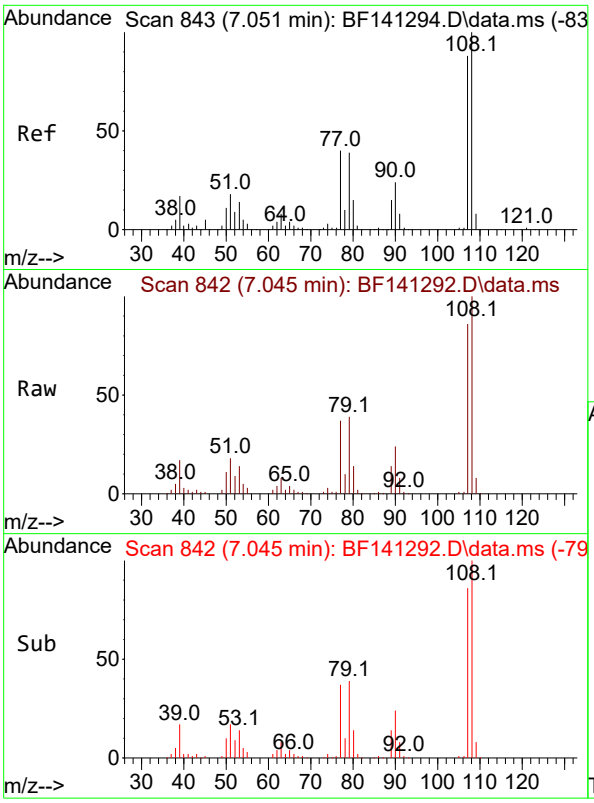


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.604 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 45 Resp: 164185

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.8
79	9.2	0.0	29.1



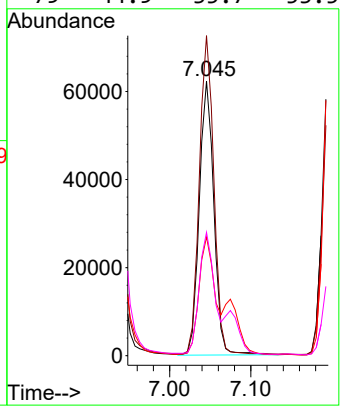


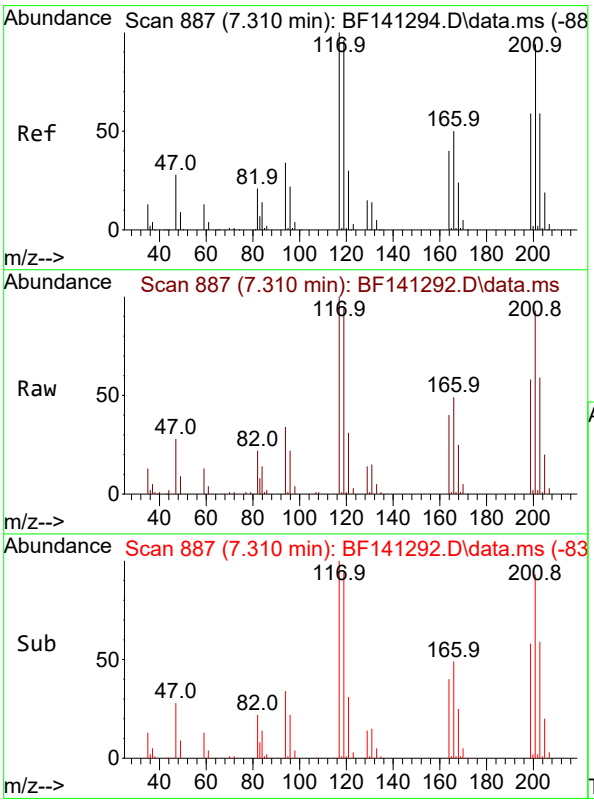
#17
2-Methylphenol
Concen: 10.351 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:107 Resp: 77643

Ion	Ratio	Lower	Upper
107	100		
108	116.6	90.8	136.2
77	43.3	36.2	54.4
79	44.9	35.7	53.5

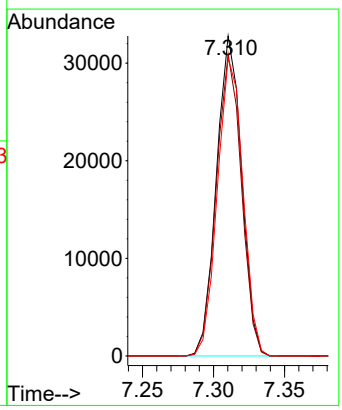


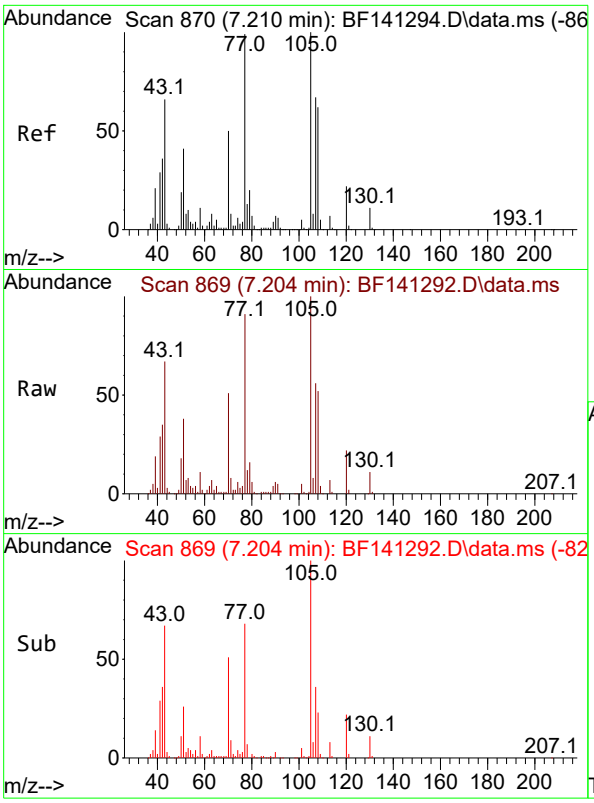


#18
Hexachloroethane
Concen: 10.724 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:117 Resp: 40445

Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.6	114.8
201	93.1	74.8	112.2



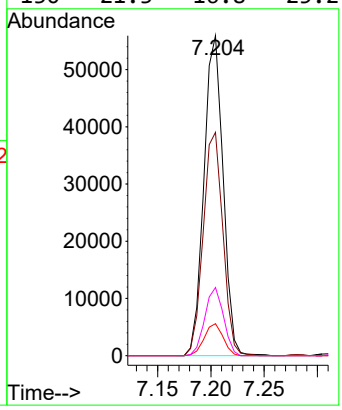


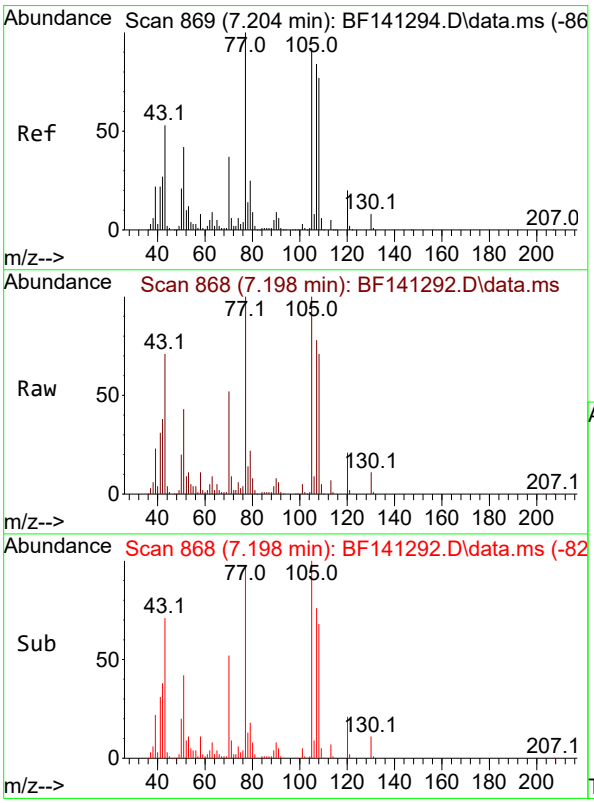
#19
n-Nitroso-di-n-propylamine
Concen: 10.765 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 70 Resp: 70075

Ion	Ratio	Lower	Upper
70	100		
42	69.8	56.8	85.2
101	10.0	7.7	11.5
130	21.3	16.8	25.2

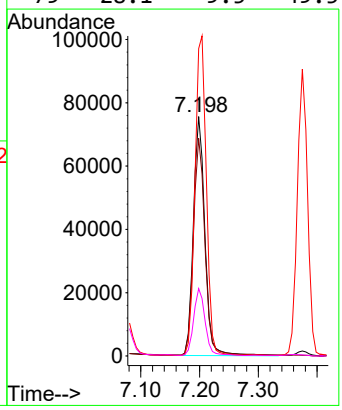


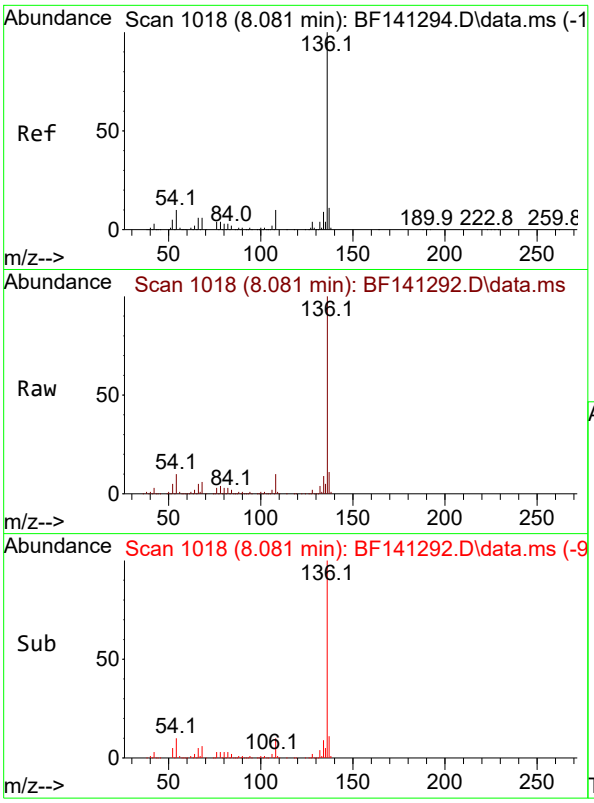


#20
3+4-Methylphenols
Concen: 11.221 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 103350

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.9	110.9
77	128.4	98.5	138.5
79	28.1	9.5	49.5



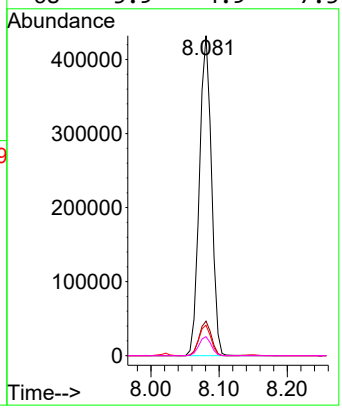


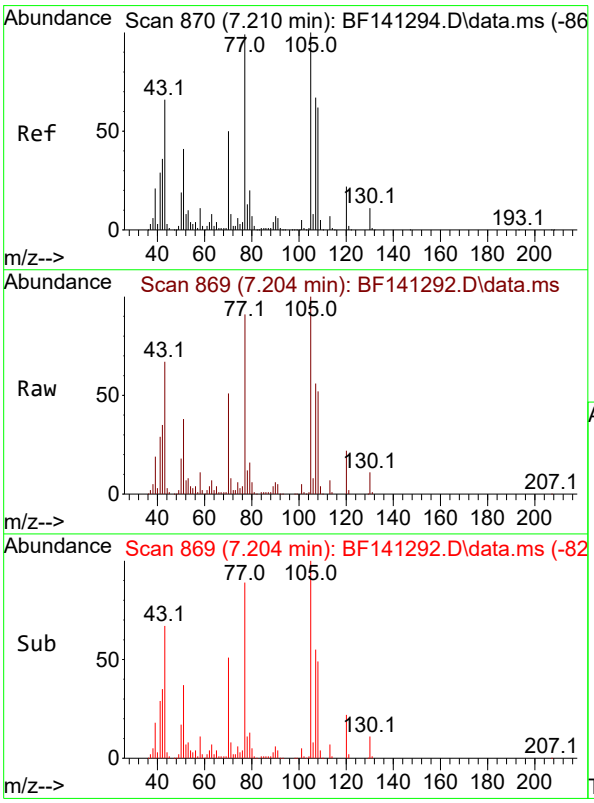
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 533326

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.5	7.8	11.8
68	5.9	4.9	7.3

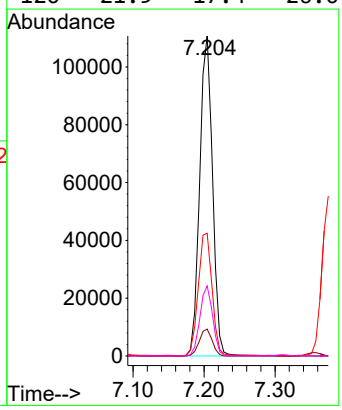


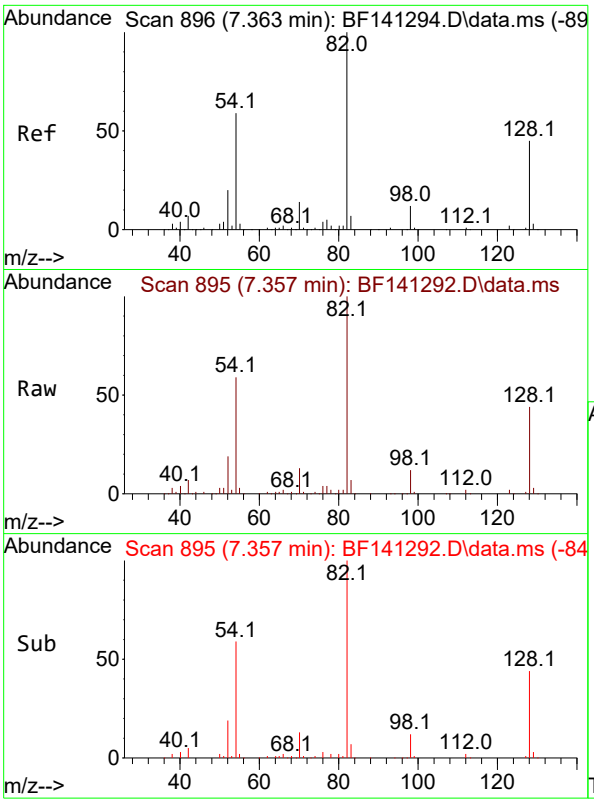


#22
Acetophenone
Concen: 11.006 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:105 Resp: 139527

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.8	10.2
51	38.3	32.6	49.0
120	21.9	17.4	26.0



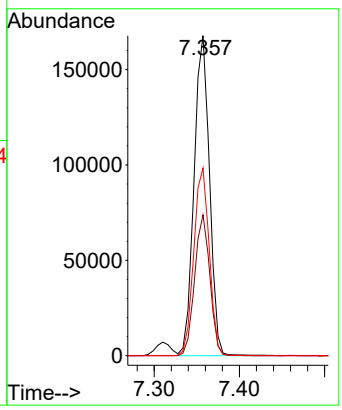


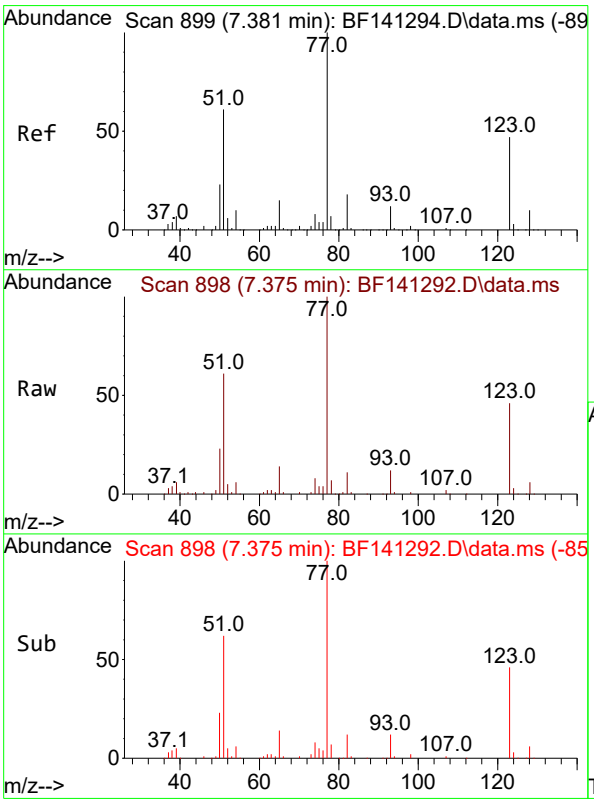
#23
Nitrobenzene-d5
Concen: 20.860 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 211040

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.7	53.5
54	58.7	47.1	70.7

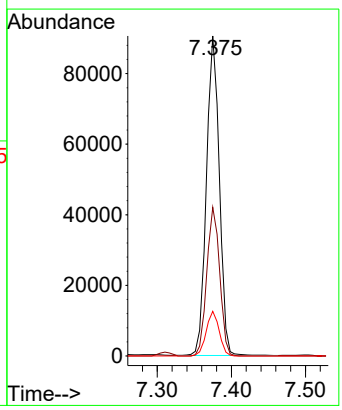


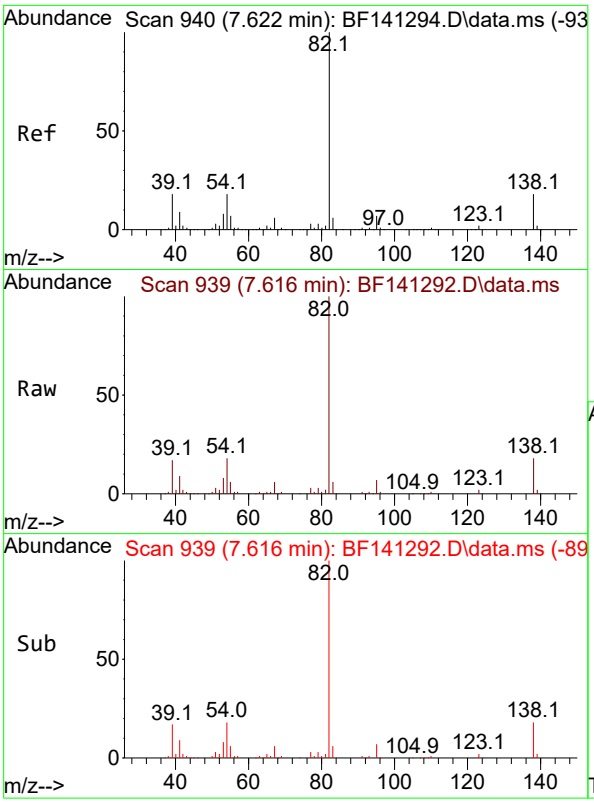


#24
Nitrobenzene
Concen: 10.444 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 77 Resp: 109497

Ion	Ratio	Lower	Upper
77	100		
123	46.5	37.3	55.9
65	14.0	11.8	17.6



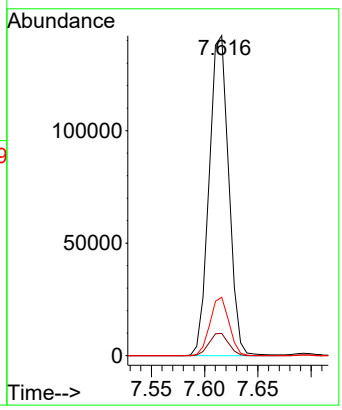


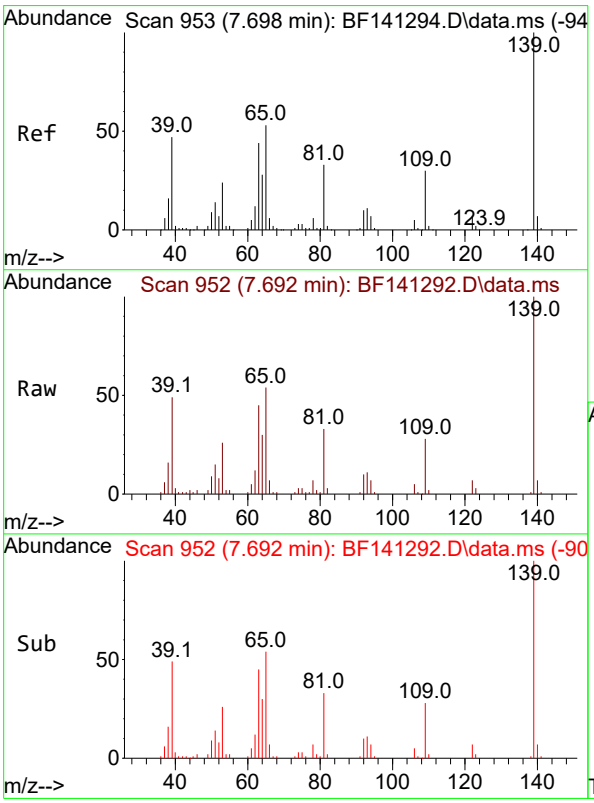
#25
Isophorone
Concen: 10.439 ng
RT: 7.616 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 182564

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.8	8.6
138	18.2	14.7	22.1

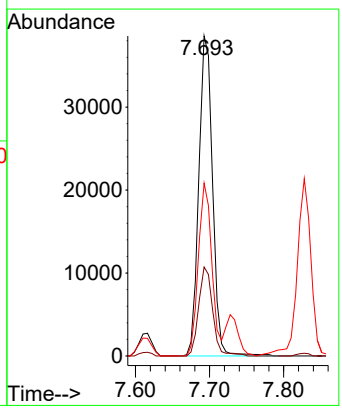


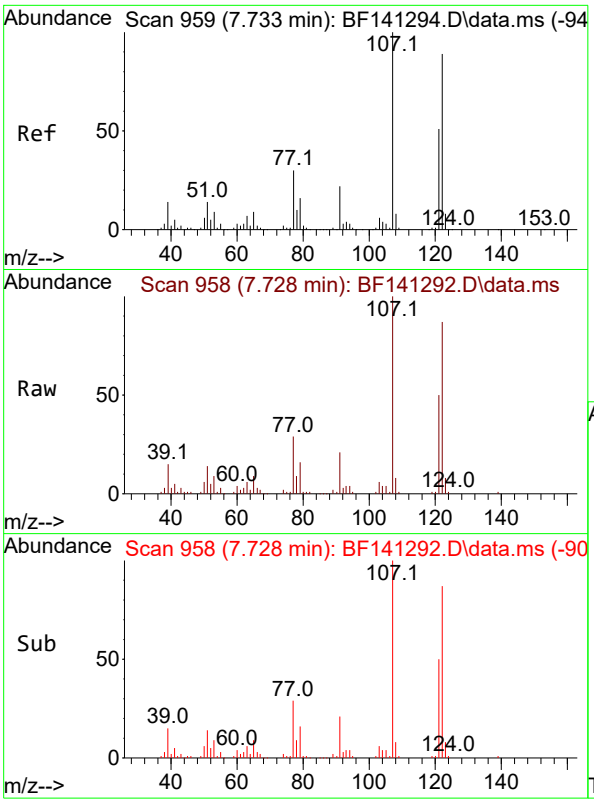


#26
2-Nitrophenol
Concen: 10.068 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 49783

Ion	Ratio	Lower	Upper
139	100		
109	27.8	23.8	35.6
65	54.0	42.2	63.4



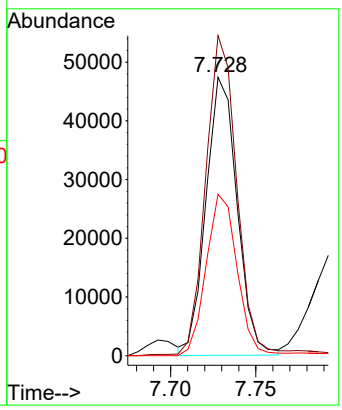


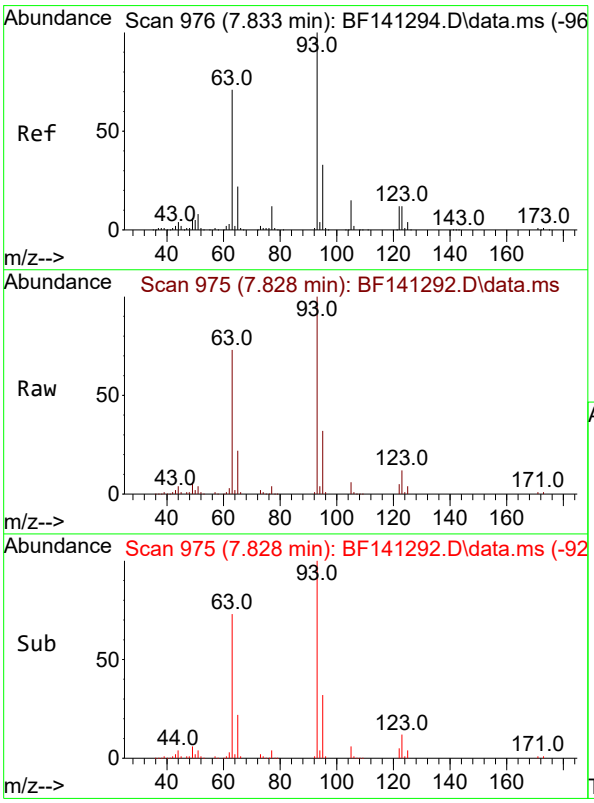
#27
2,4-Dimethylphenol
Concen: 9.573 ng
RT: 7.728 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:122 Resp: 60245

Ion	Ratio	Lower	Upper
122	100		
107	114.9	89.9	134.9
121	58.0	46.1	69.1

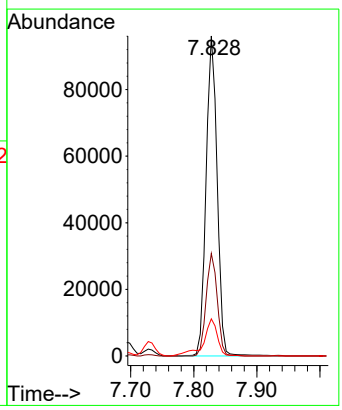


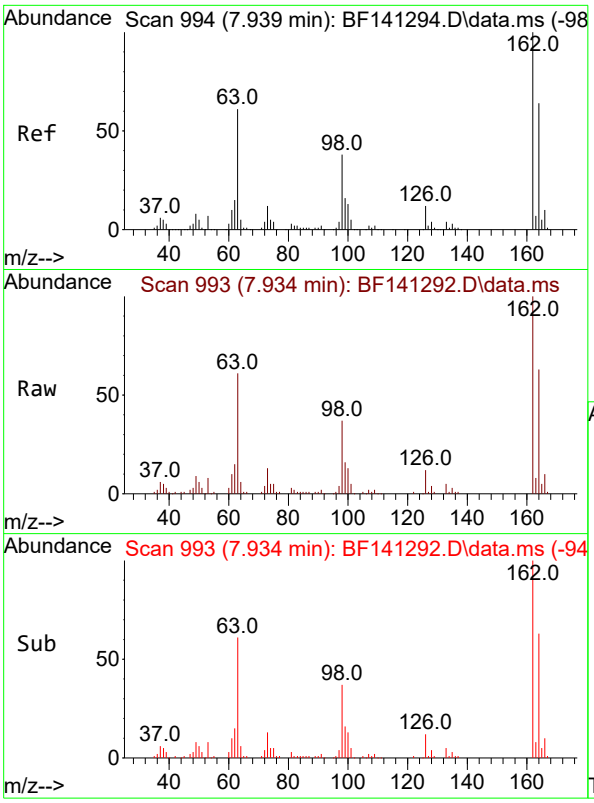


#28
bis(2-Chloroethoxy)methane
Concen: 10.509 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 93 Resp: 117232

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	11.6	10.2	15.4



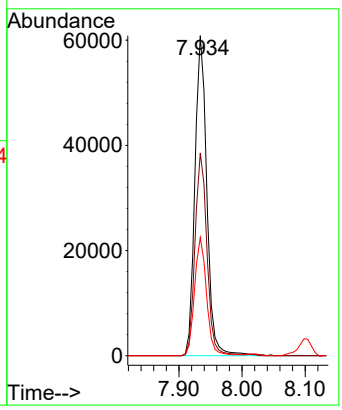


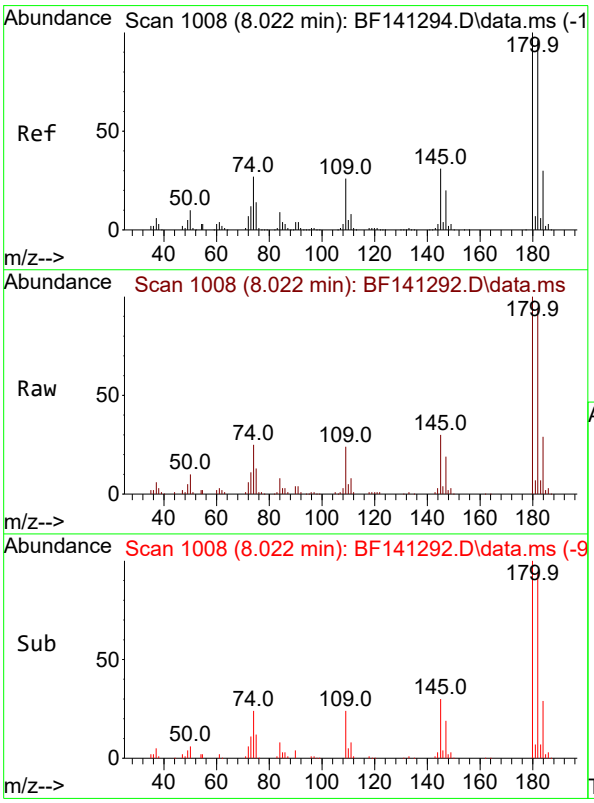
#29
2,4-Dichlorophenol
Concen: 10.377 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 79949

Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.2	84.2
98	36.9	18.2	58.2

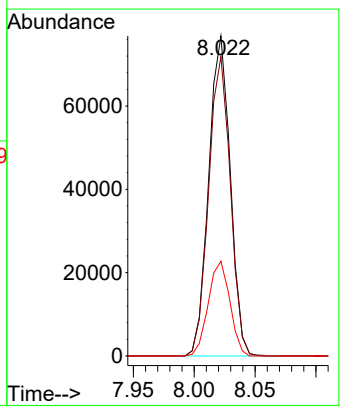


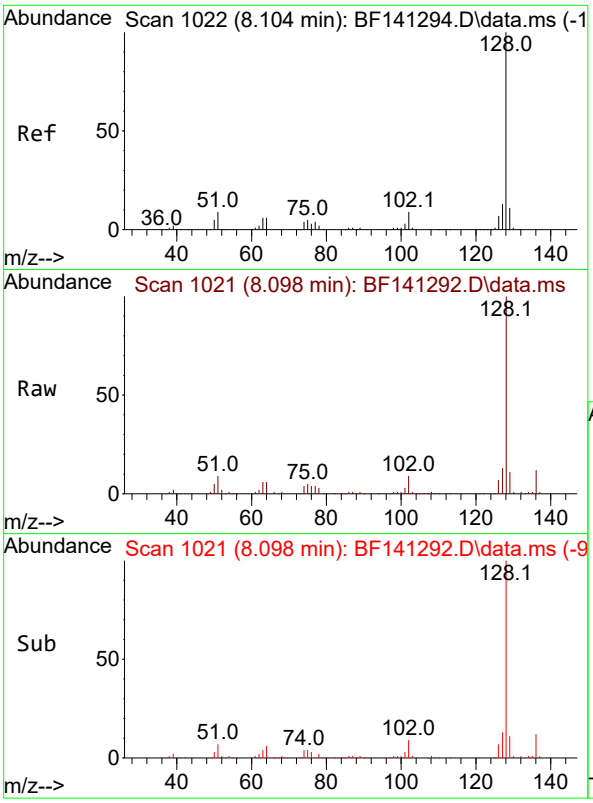


#30
1,2,4-Trichlorobenzene
Concen: 10.731 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:180 Resp: 94419

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.4	114.6
145	29.6	24.9	37.3



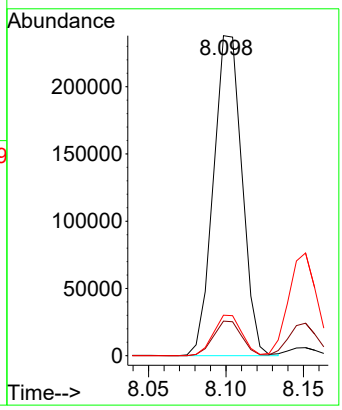


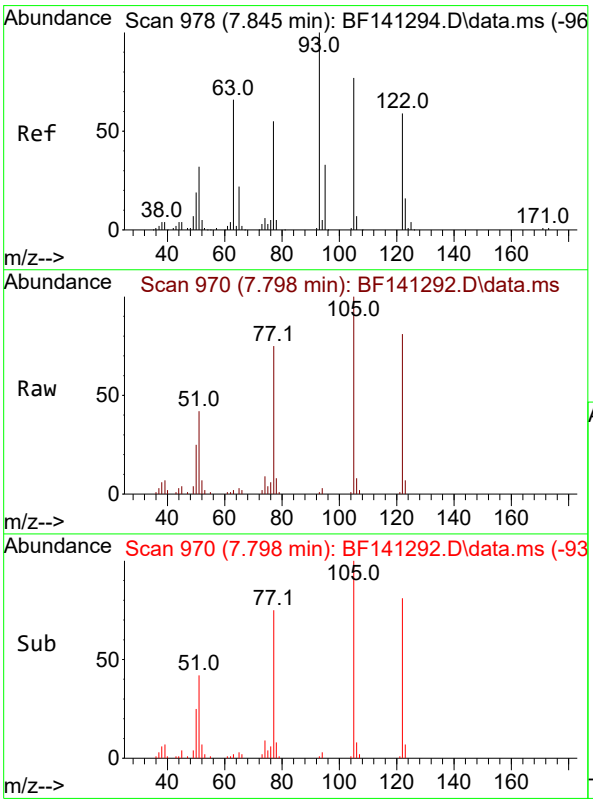
#31
Naphthalene
Concen: 10.839 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 305386

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.7	10.6	15.8

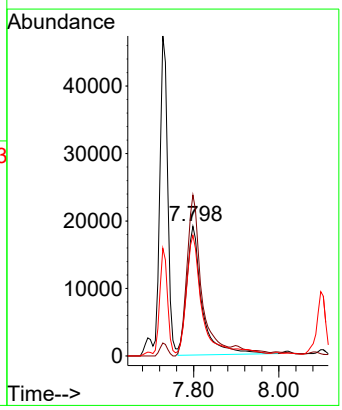


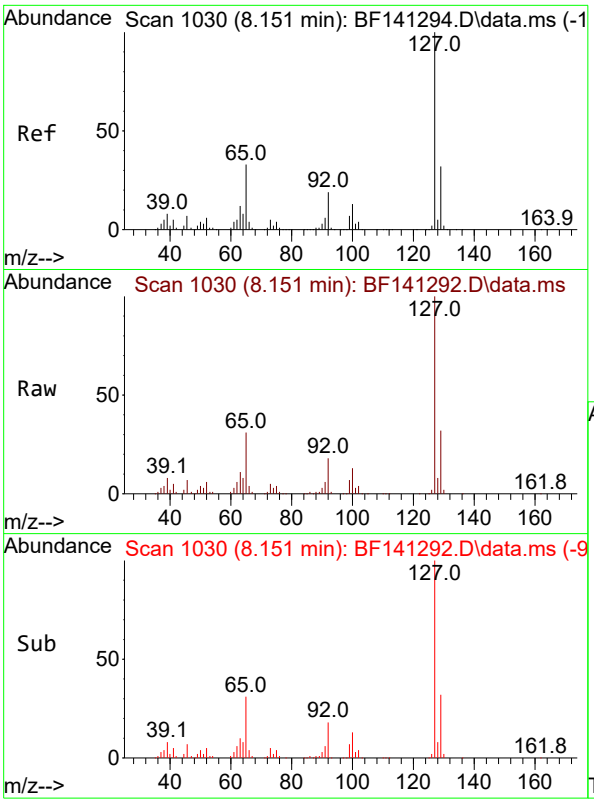


#32
Benzoic acid
Concen: 8.219 ng
RT: 7.798 min Scan# 970
Delta R.T. -0.082 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:122 Resp: 47549

Ion	Ratio	Lower	Upper
122	100		
105	124.1	103.4	143.4
77	93.0	70.9	110.9



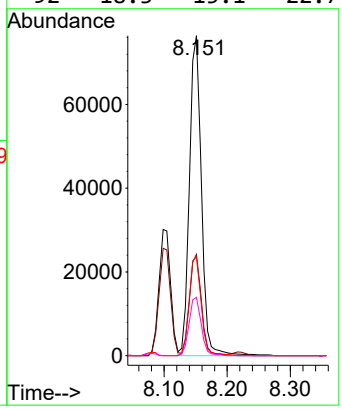


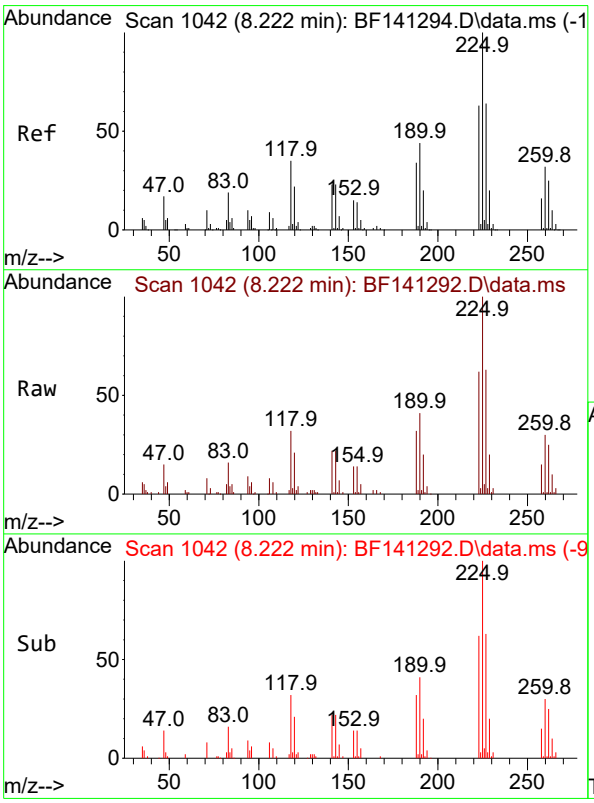
#33
4-Chloroaniline
Concen: 10.556 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:127 Resp: 100852

Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.9	26.4	39.6
92	18.3	15.1	22.7

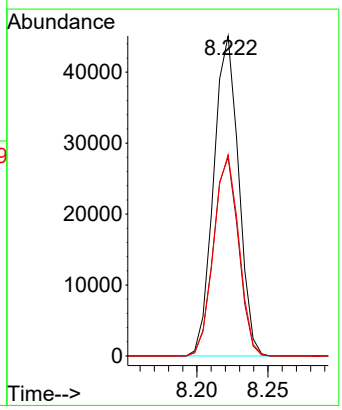


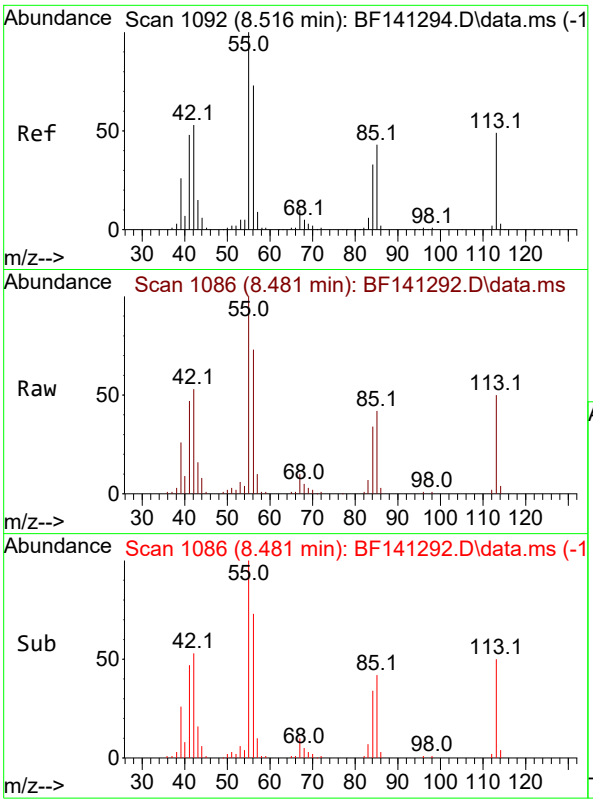


#34
Hexachlorobutadiene
Concen: 10.679 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:225 Resp: 55103

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.4	75.6
227	62.9	51.3	76.9



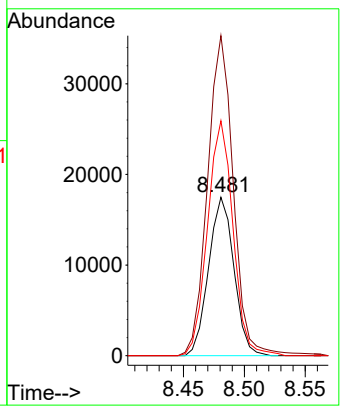


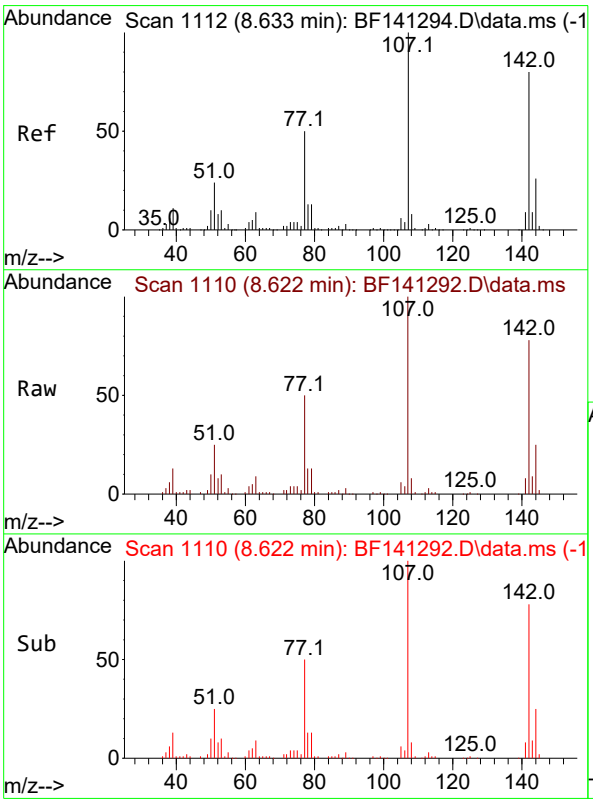
#35
Caprolactam
Concen: 10.080 ng
RT: 8.481 min Scan# 1
Delta R.T. -0.065 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:113 Resp: 25363

Ion	Ratio	Lower	Upper
113	100		
55	201.9	182.9	222.9
56	148.2	127.9	167.9

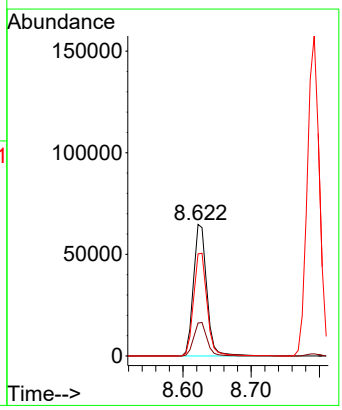


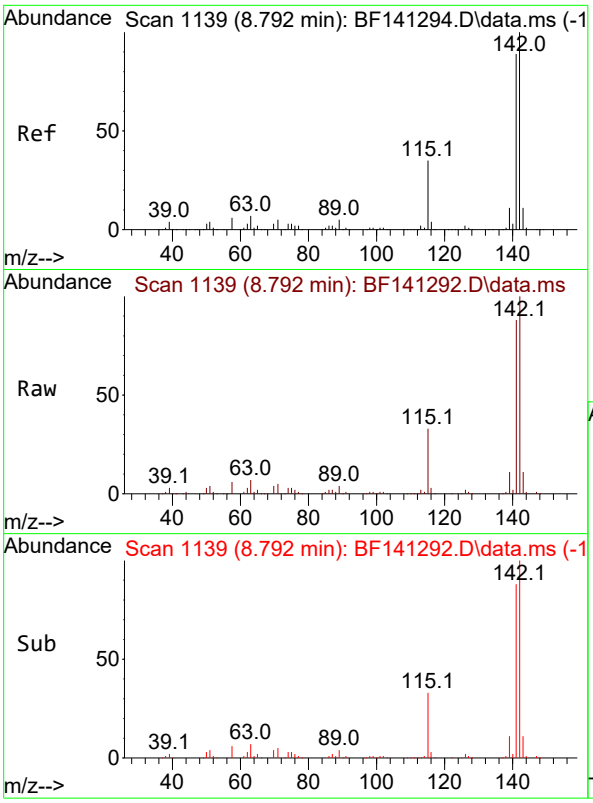


#36
4-Chloro-3-methylphenol
Concen: 10.599 ng
RT: 8.622 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:107 Resp: 87592

Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.7	31.1
142	77.6	63.8	95.8



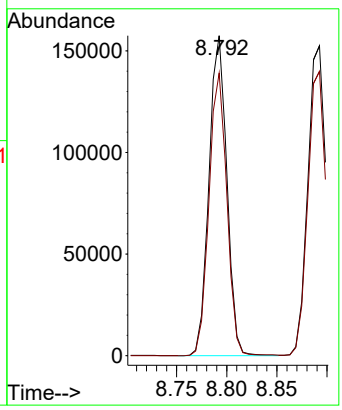


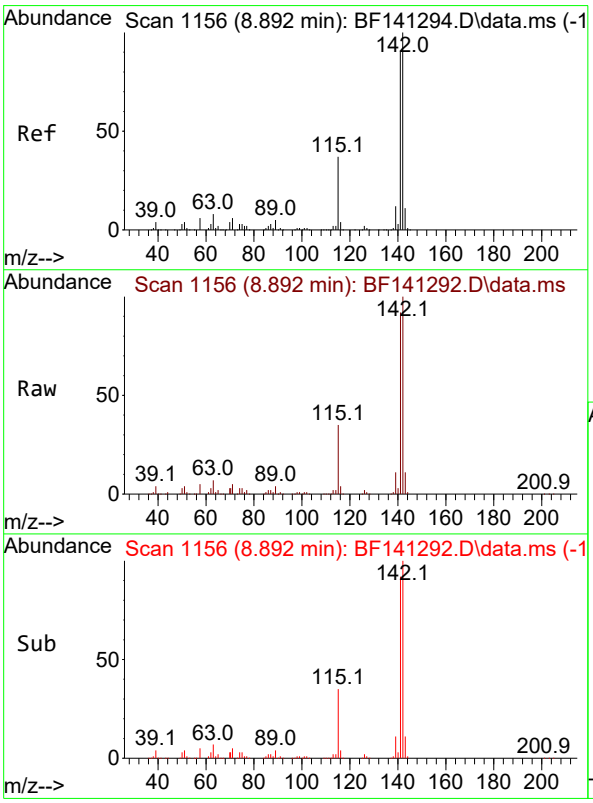
#37
2-Methylnaphthalene
Concen: 10.898 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 195160

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9

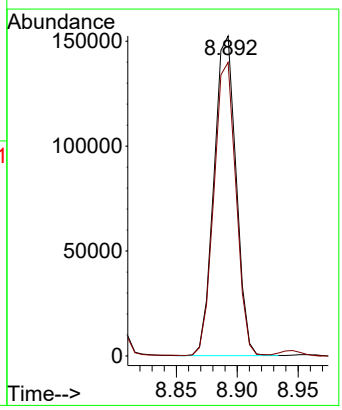


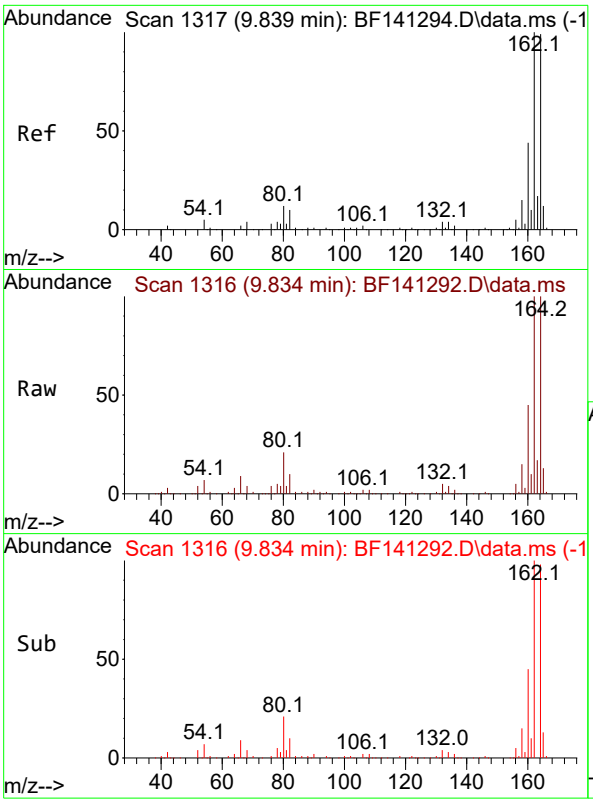


#38
1-Methylnaphthalene
Concen: 10.964 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:142 Resp: 192861

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8



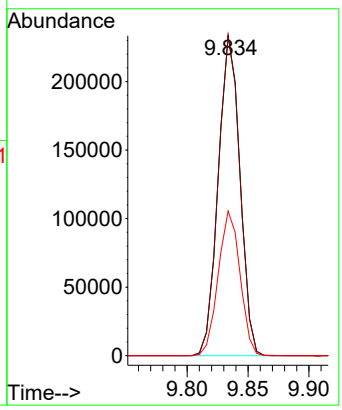


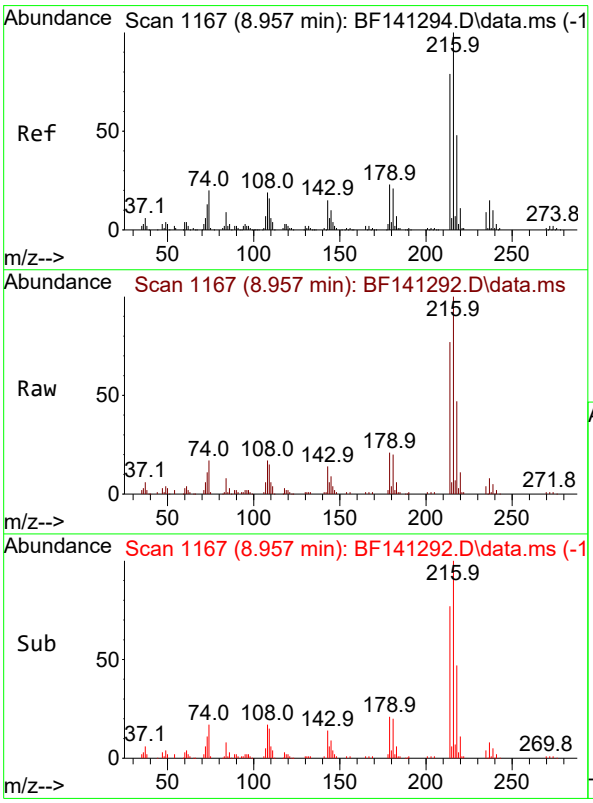
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:164 Resp: 289559

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	45.2	35.8	53.6

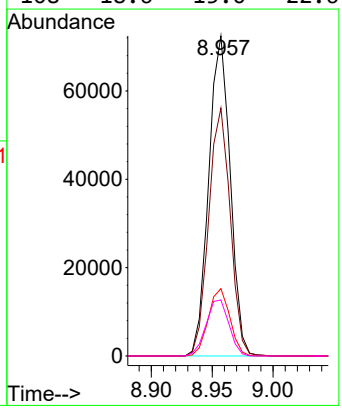


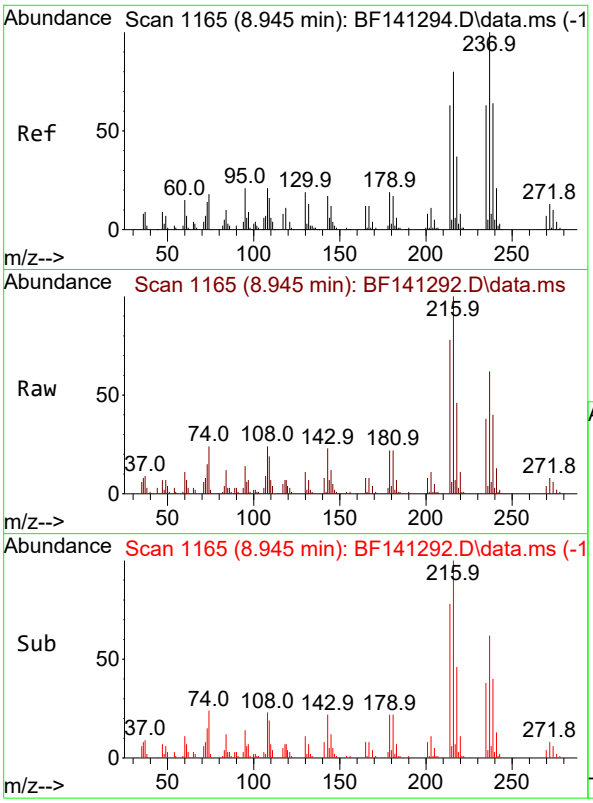


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.769 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:216 Resp: 88710

Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.2	94.8
179	21.1	17.8	26.8
108	18.6	15.0	22.6



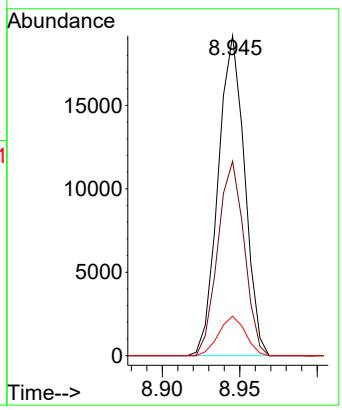


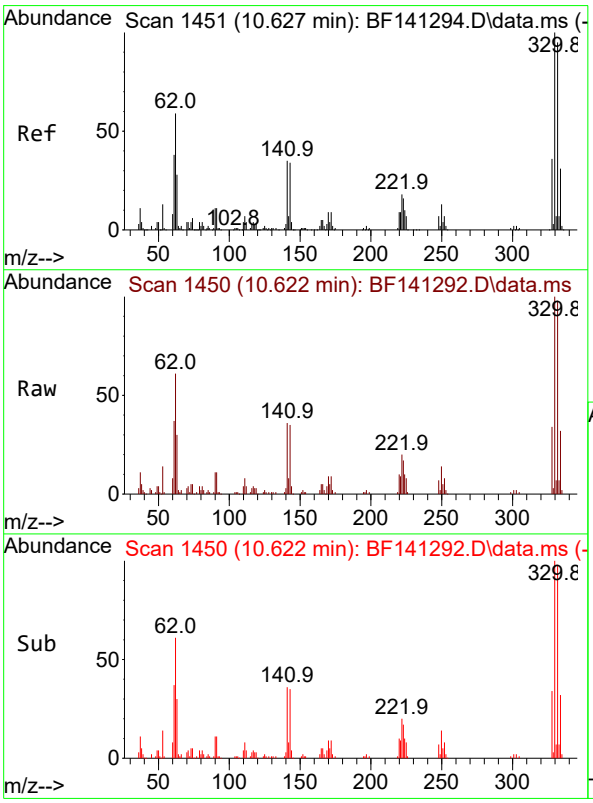
#41
Hexachlorocyclopentadiene
Concen: 9.355 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:237 Resp: 22759

Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.9	82.9
272	12.3	0.0	32.8

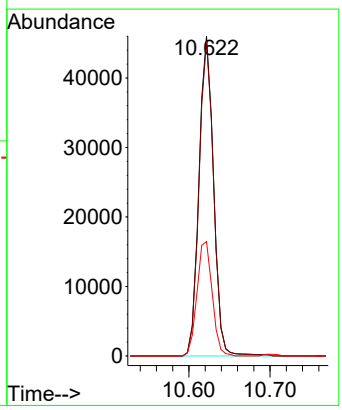


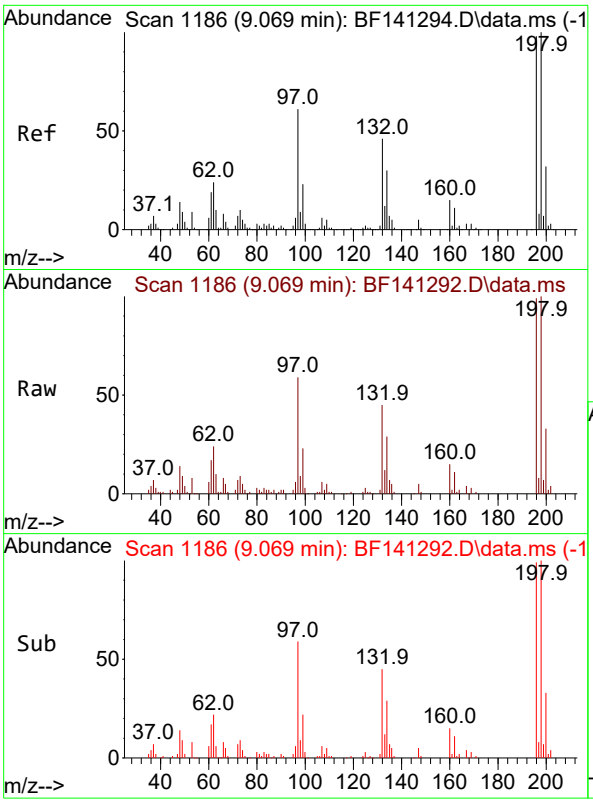


#42
2,4,6-Tribromophenol
Concen: 21.629 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:330 Resp: 57417

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.1	114.1
141	37.3	28.8	43.2



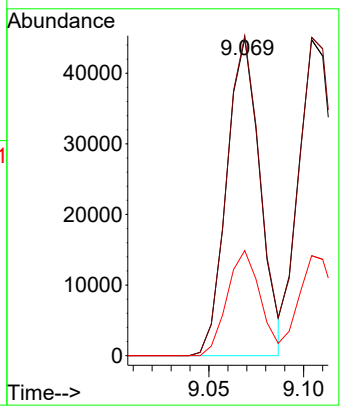


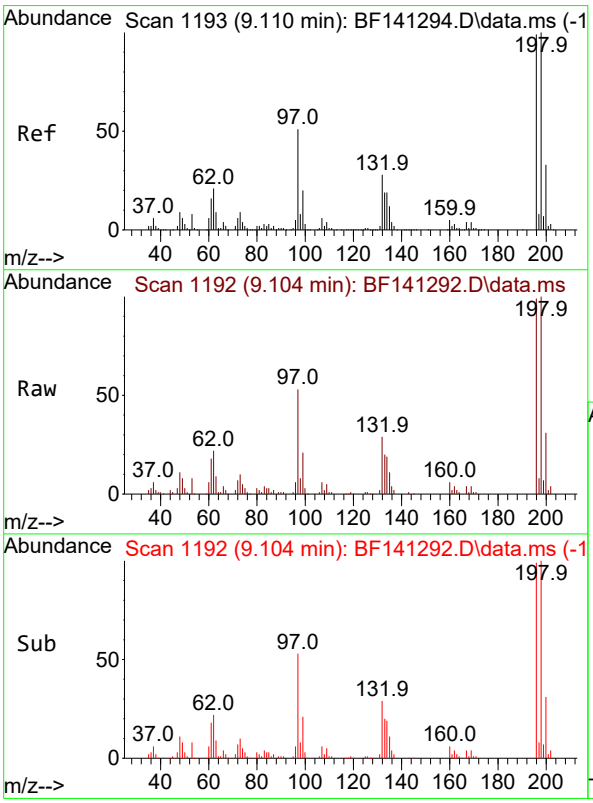
#43
2,4,6-Trichlorophenol
Concen: 10.207 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:196 Resp: 55036

Ion	Ratio	Lower	Upper
196	100		
198	101.0	81.8	122.6
200	33.2	26.3	39.5

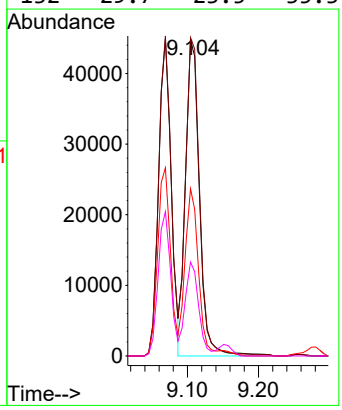


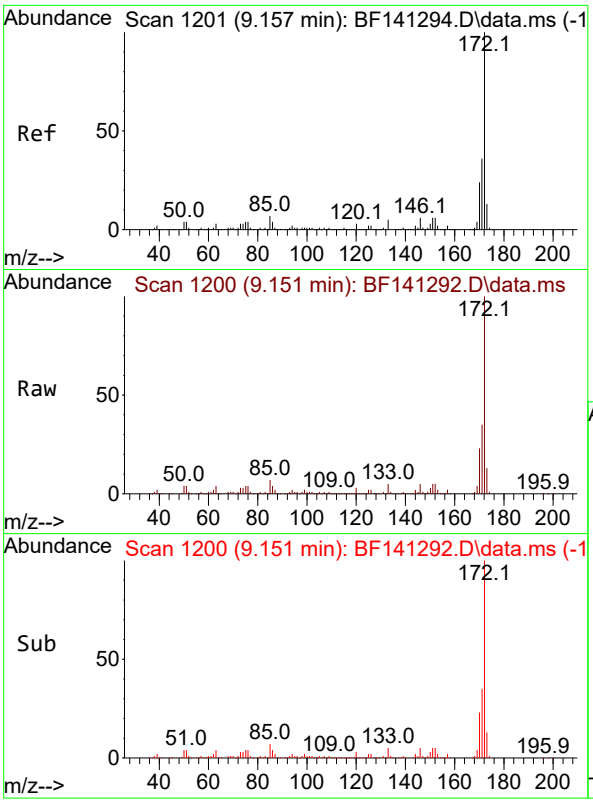


#44
2,4,5-Trichlorophenol
Concen: 10.479 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:196 Resp: 61493

Ion	Ratio	Lower	Upper
196	100		
198	100.8	80.5	120.7
97	52.9	42.8	64.2
132	29.7	23.5	35.3



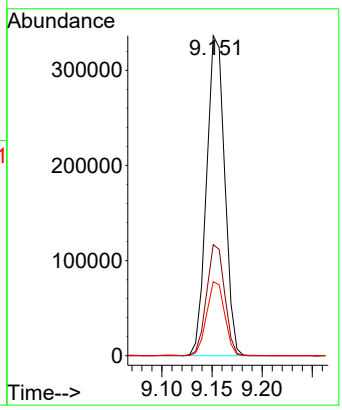


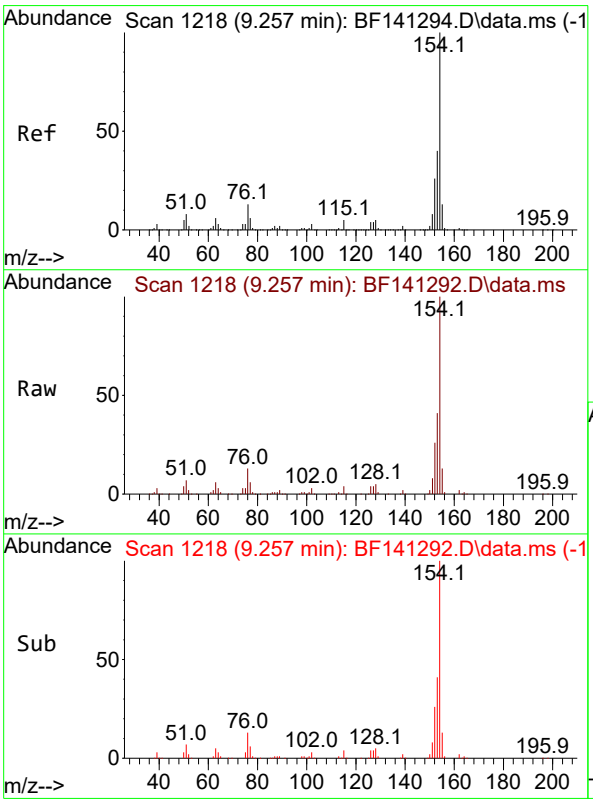
#45
2-Fluorobiphenyl
Concen: 22.530 ng
RT: 9.151 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:172 Resp: 423852

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	23.1	19.0	28.6

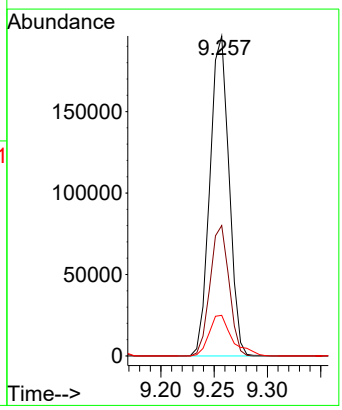


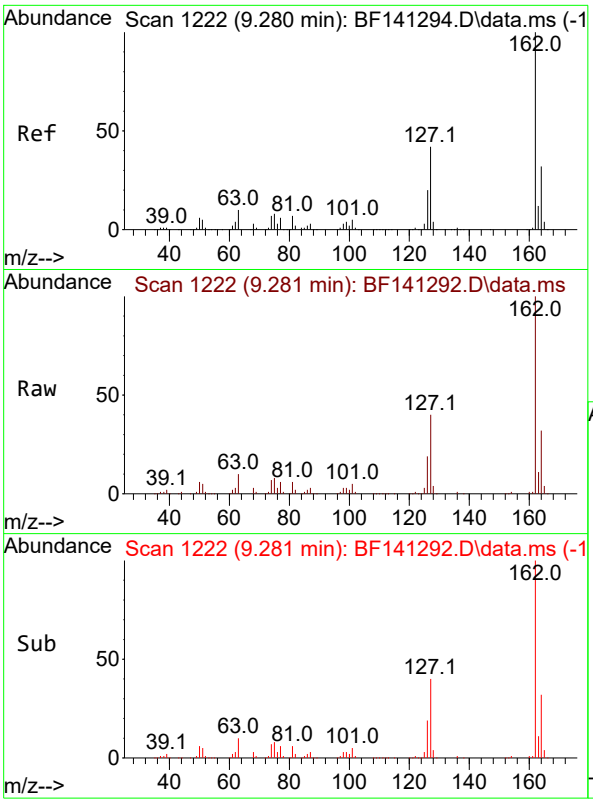


#46
1,1'-Biphenyl
Concen: 10.851 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 245028

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	12.7	0.0	32.8



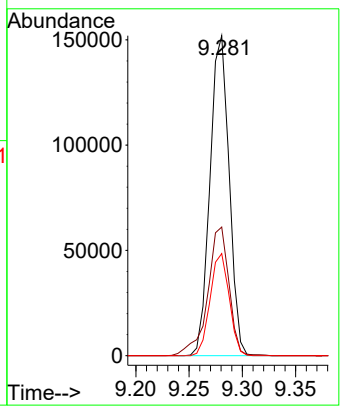


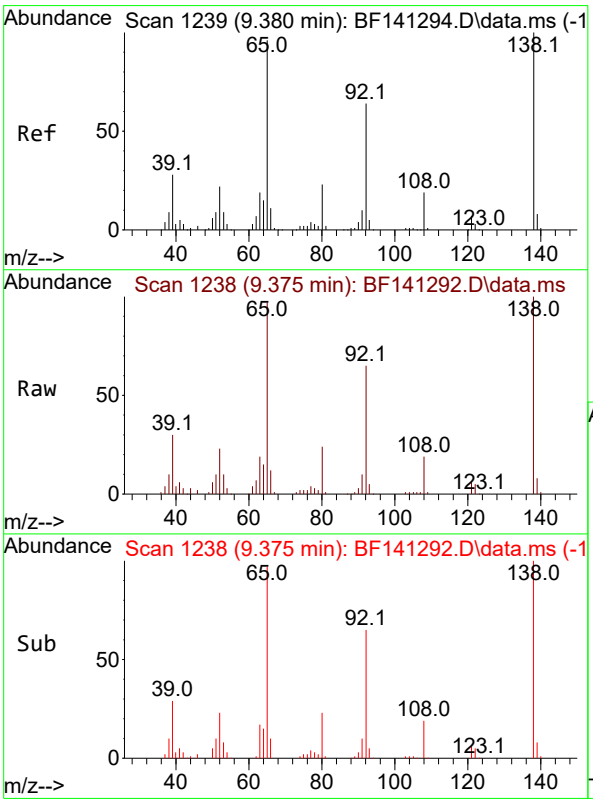
#47
2-Chloronaphthalene
Concen: 10.778 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:162 Resp: 189709

Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.7	50.5
164	31.9	25.9	38.9

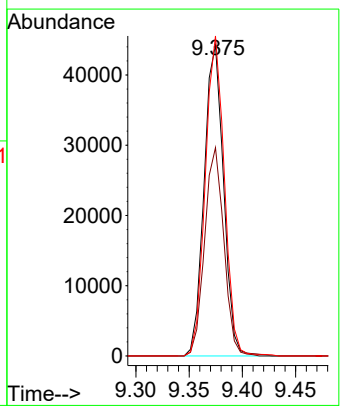


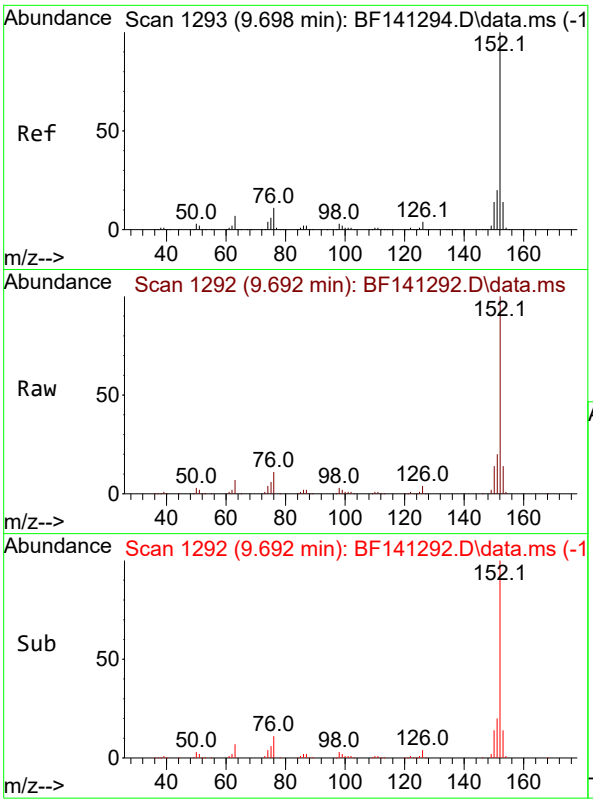


#48
2-Nitroaniline
Concen: 10.160 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion: 65 Resp: 56247

Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.3	79.9
138	102.9	83.6	125.4



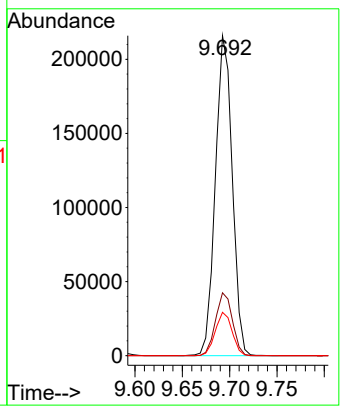


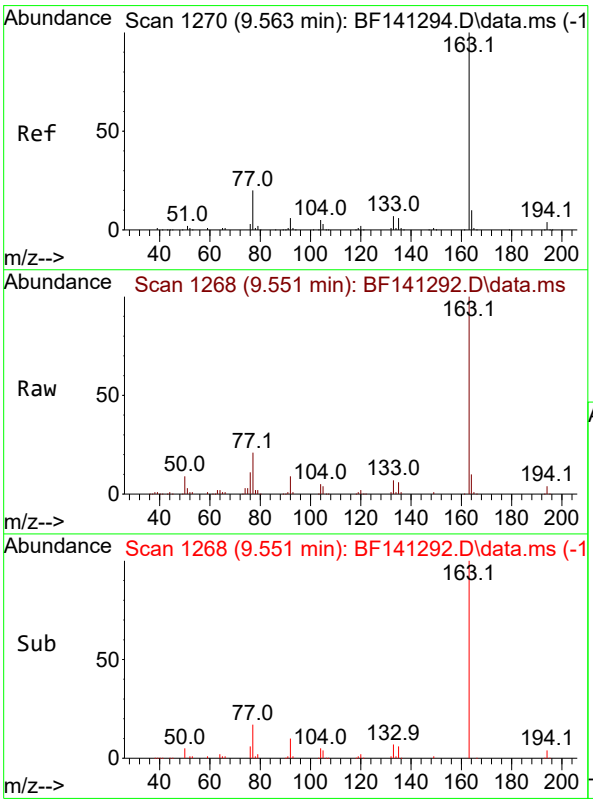
#49
Acenaphthylene
Concen: 10.896 ng
RT: 9.692 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 268471

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.6	11.0	16.6

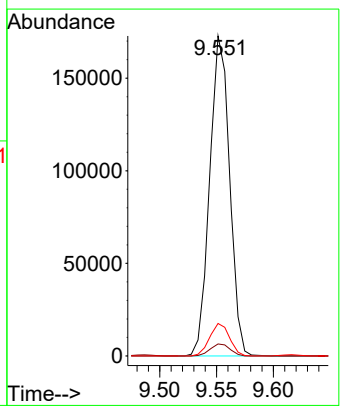


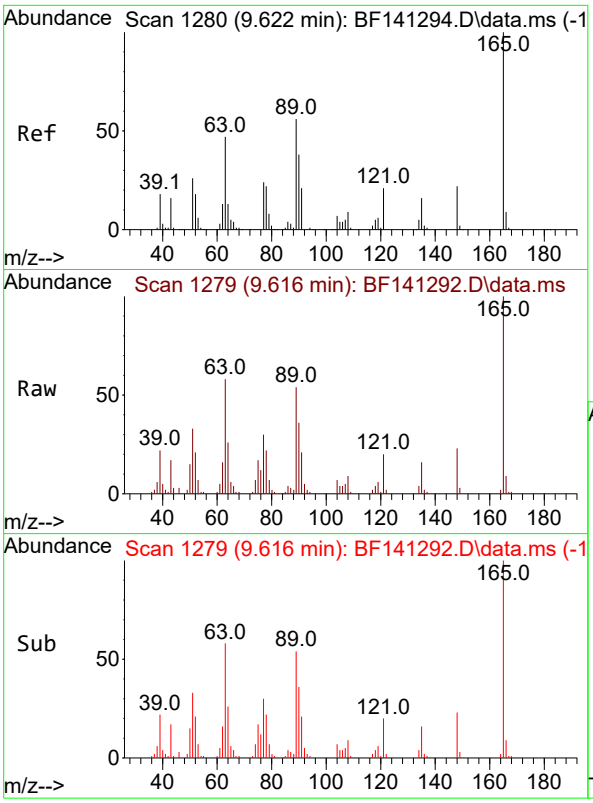


#50
Dimethylphthalate
Concen: 10.780 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:163 Resp: 210816

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	8.0	12.0



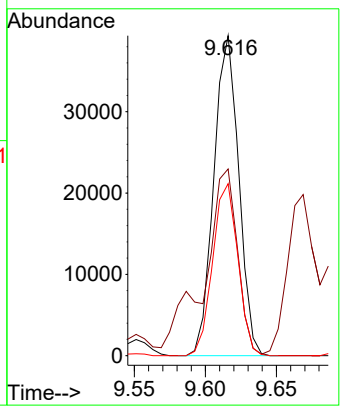


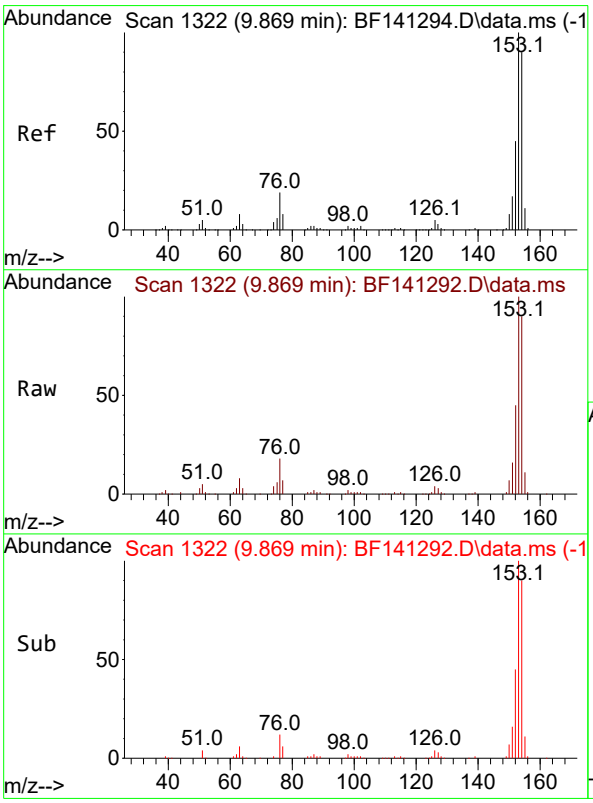
#51
2,6-Dinitrotoluene
Concen: 10.561 ng
RT: 9.616 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 47955

Ion	Ratio	Lower	Upper
165	100		
63	58.3	48.1	72.1
89	53.7	44.9	67.3

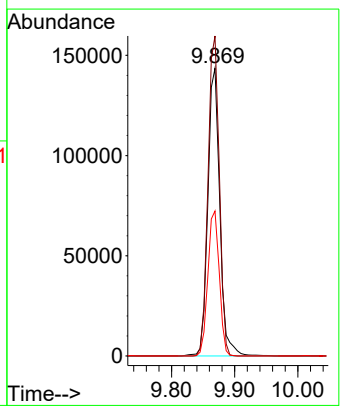


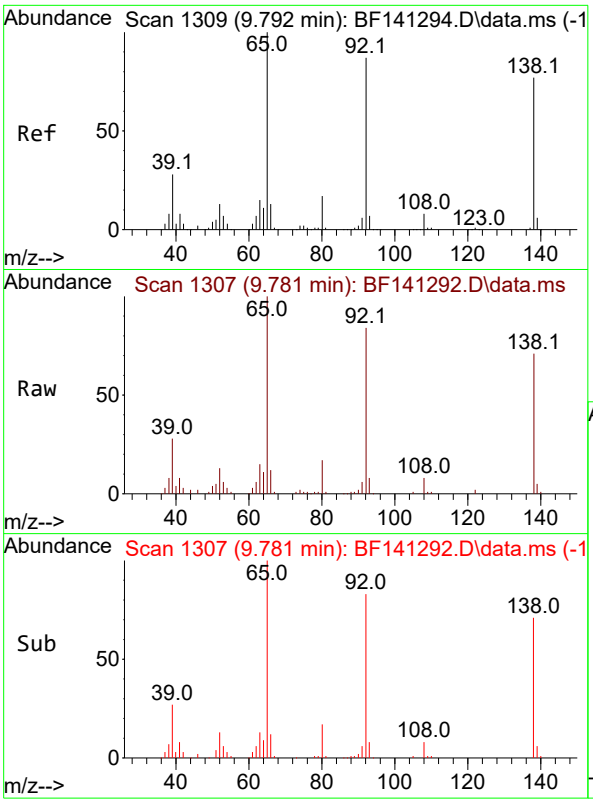


#52
Acenaphthene
Concen: 10.697 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:154 Resp: 188283

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	50.4	40.2	60.4



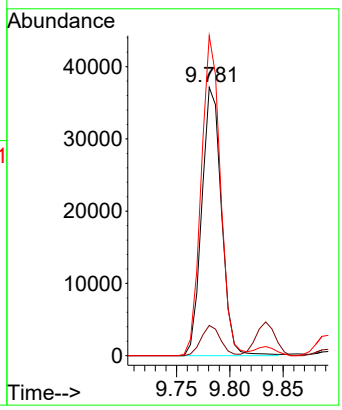


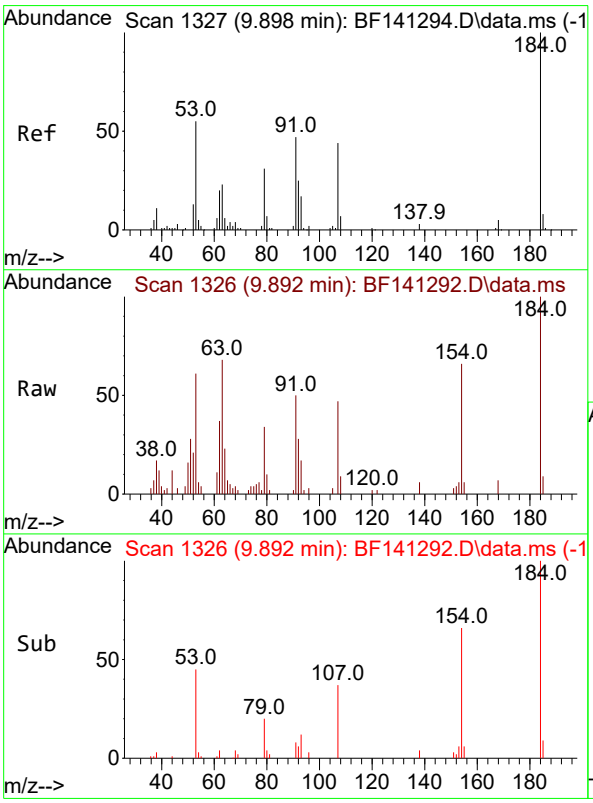
#53
3-Nitroaniline
Concen: 10.744 ng
RT: 9.781 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 47818

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.6	12.8
92	119.2	91.0	136.6

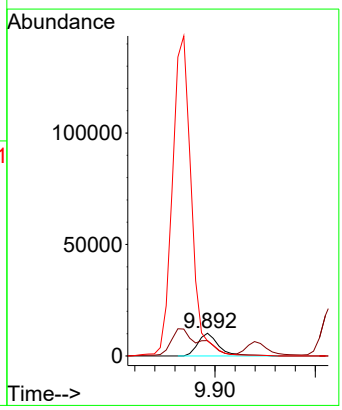


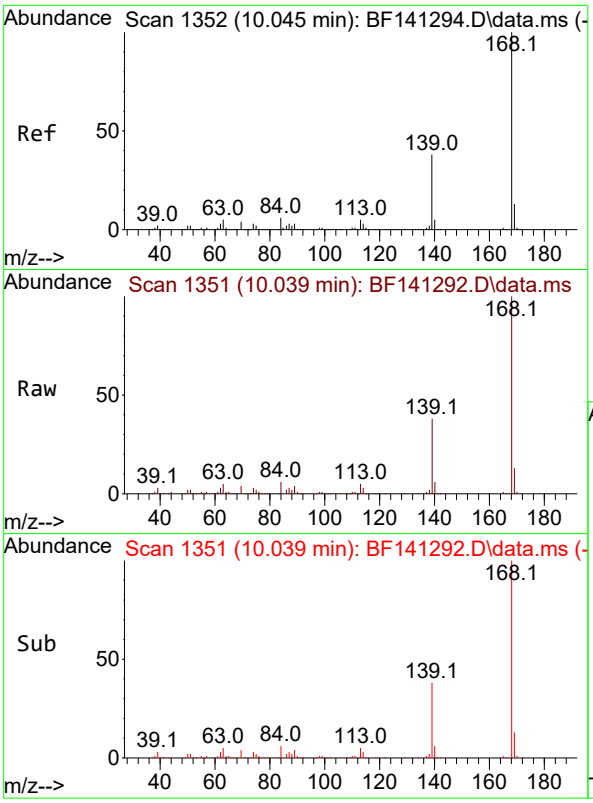


#54
2,4-Dinitrophenol
Concen: 6.987 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:184 Resp: 14749

Ion	Ratio	Lower	Upper
184	100		
63	67.9	54.1	81.1
154	66.2	50.7	76.1



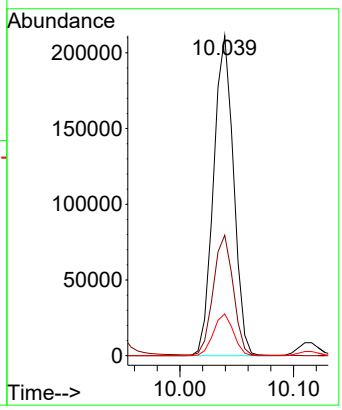


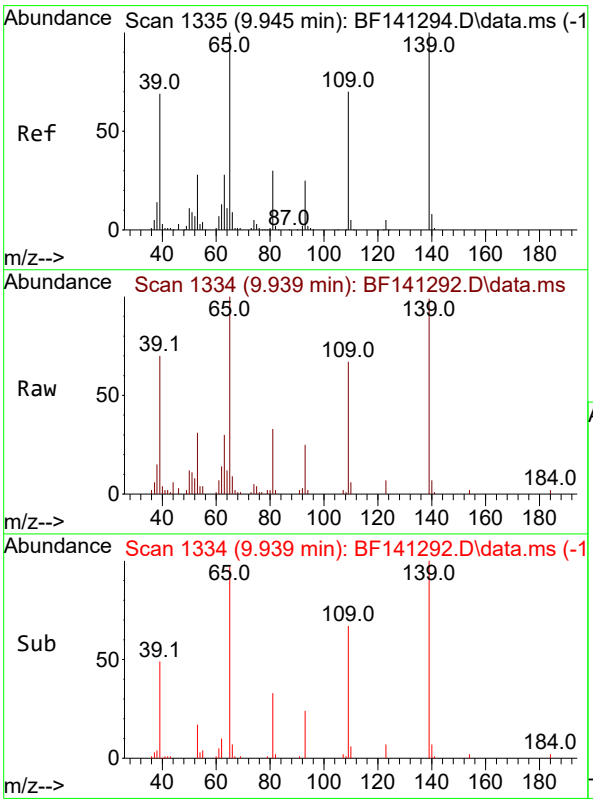
#55
Dibenzofuran
Concen: 10.985 ng
RT: 10.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:168 Resp: 258832

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.6	46.0
169	13.1	10.8	16.2

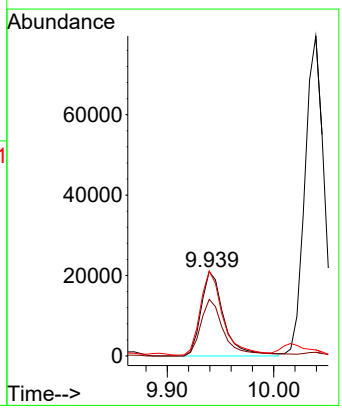


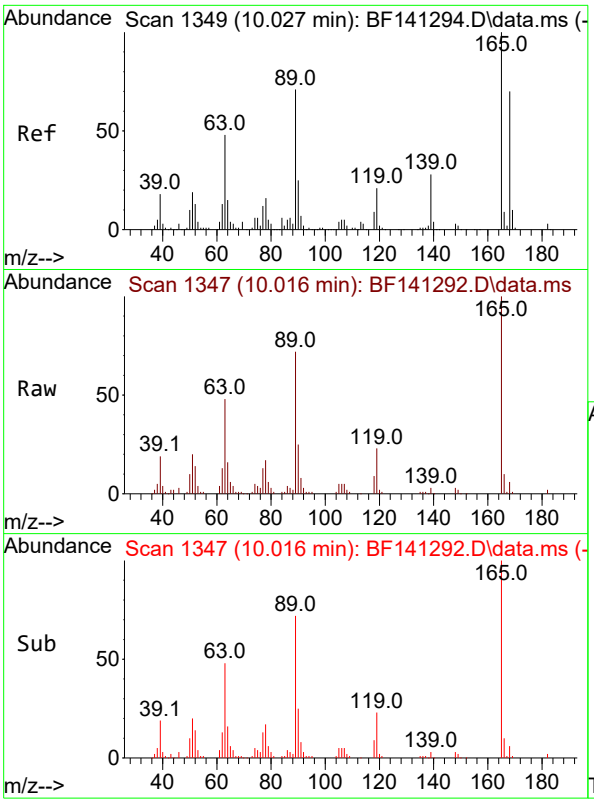


#56
4-Nitrophenol
Concen: 9.585 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:139 Resp: 31196

Ion	Ratio	Lower	Upper
139	100		
109	67.1	50.2	90.2
65	100.6	80.6	120.6



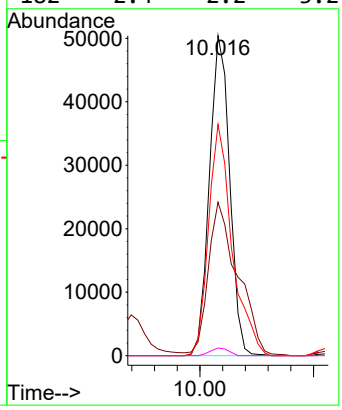


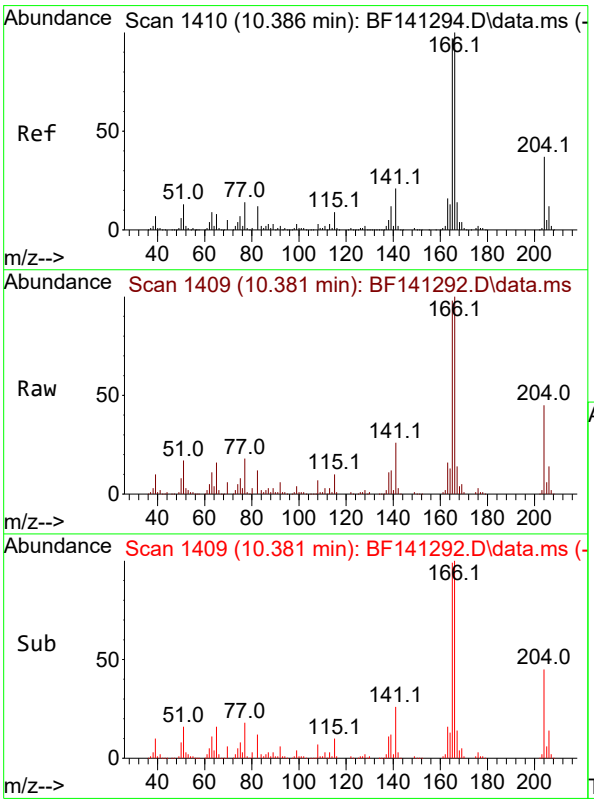
#57
2,4-Dinitrotoluene
Concen: 10.617 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 62418

Ion	Ratio	Lower	Upper
165	100		
63	48.0	39.2	58.8
89	72.2	56.9	85.3
182	2.4	2.2	3.2

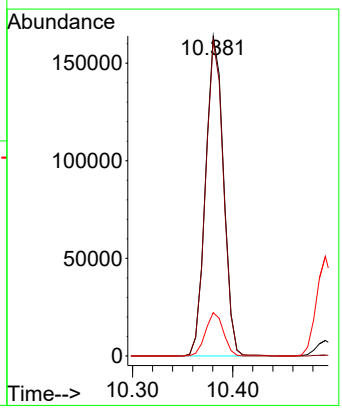


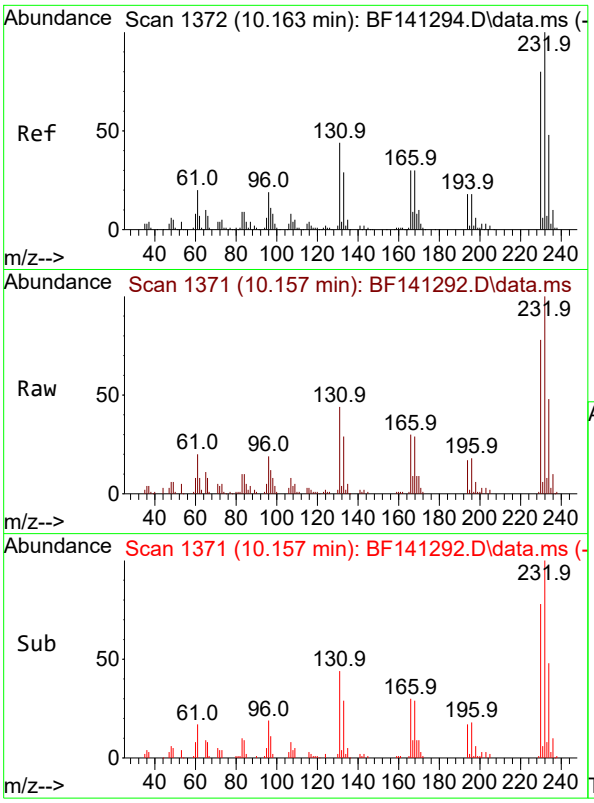


#58
Fluorene
Concen: 11.170 ng
RT: 10.381 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:166 Resp: 204141

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.5	116.3
167	13.6	10.9	16.3



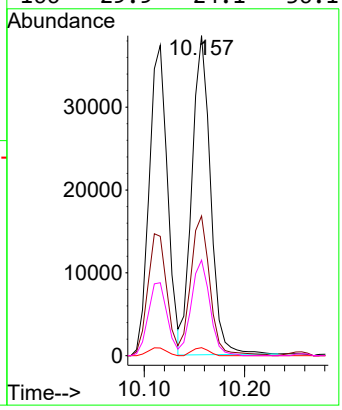


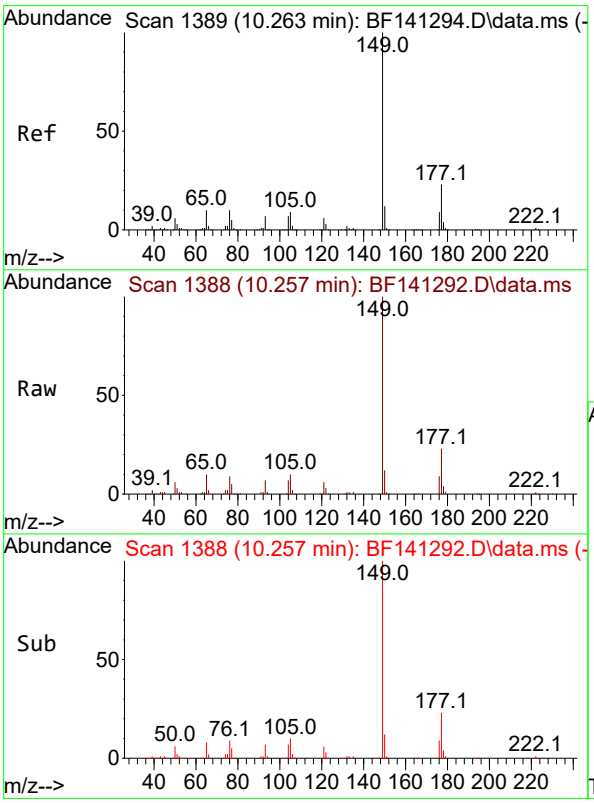
#59
2,3,4,6-Tetrachlorophenol
Concen: 10.743 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:232 Resp: 49596

Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.4	54.6
130	2.2	1.9	2.9
166	29.9	24.1	36.1

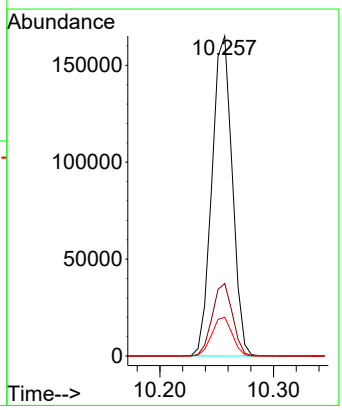


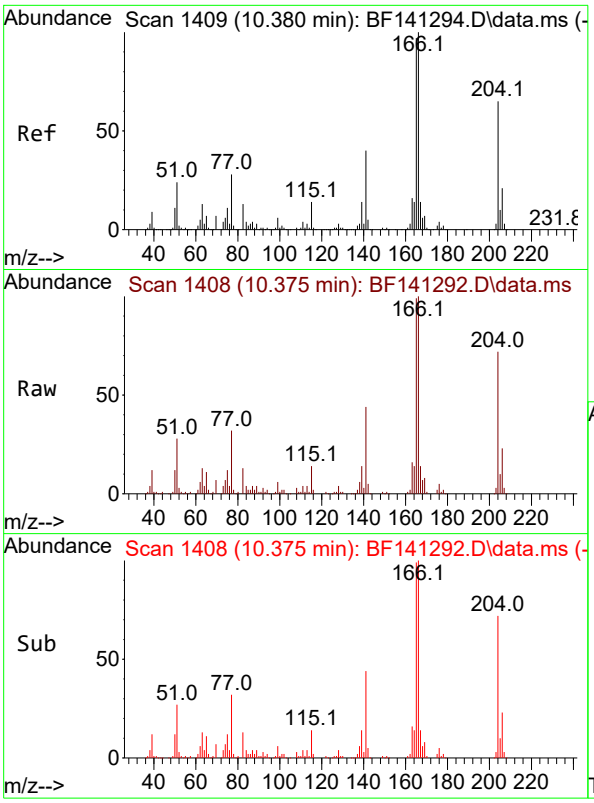


#60
Diethylphthalate
Concen: 10.818 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 205131

Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.5	27.7
150	12.1	10.0	15.0



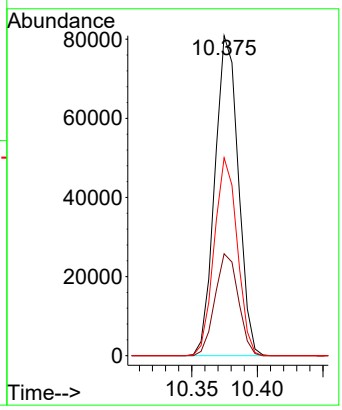


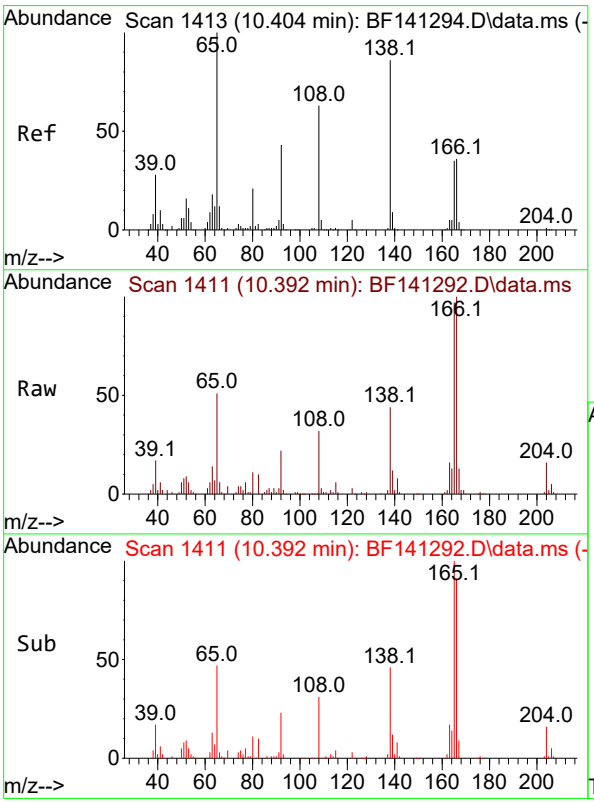
#61
4-Chlorophenyl-phenylether
Concen: 11.256 ng
RT: 10.375 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:204 Resp: 100485

Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.9	38.9
141	61.8	49.5	74.3

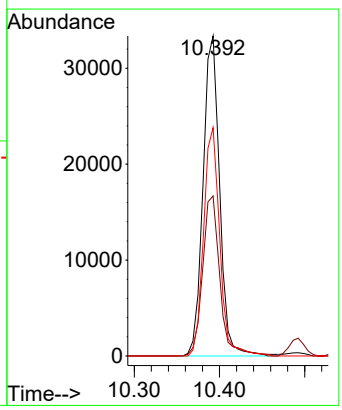


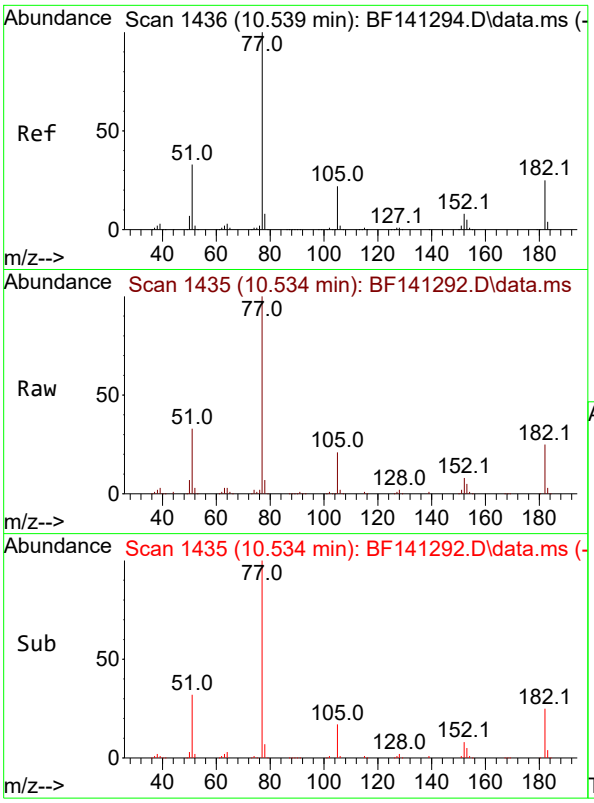


#62
4-Nitroaniline
Concen: 10.335 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:138 Resp: 45222

Ion	Ratio	Lower	Upper
138	100		
92	50.0	30.1	70.1
108	71.3	53.1	93.1



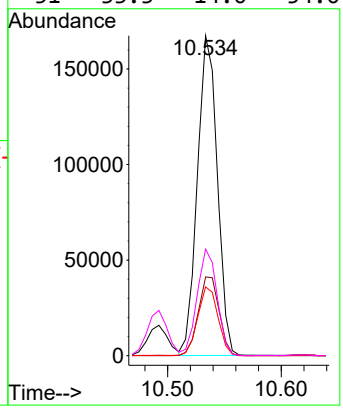


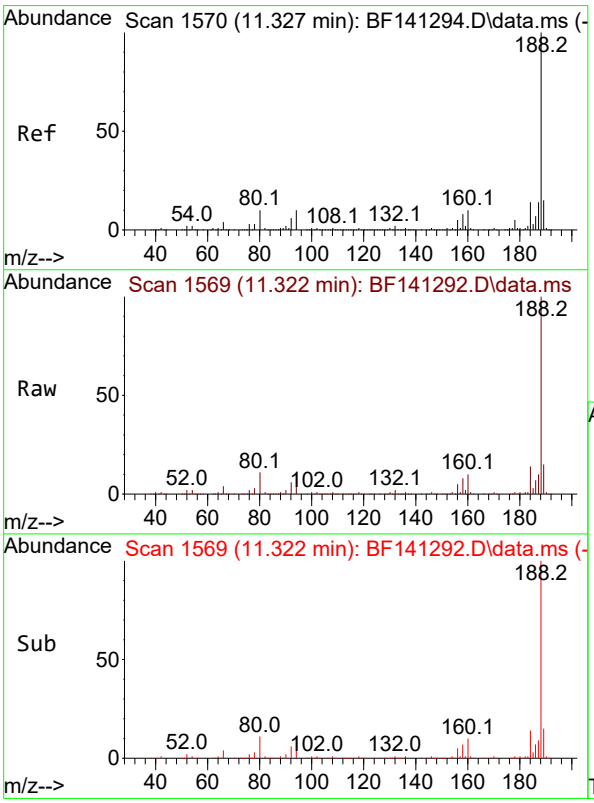
#63
Azobenzene
Concen: 10.763 ng
RT: 10.534 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 204300

Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.1	45.1
105	21.5	1.8	41.8
51	33.3	14.0	54.0

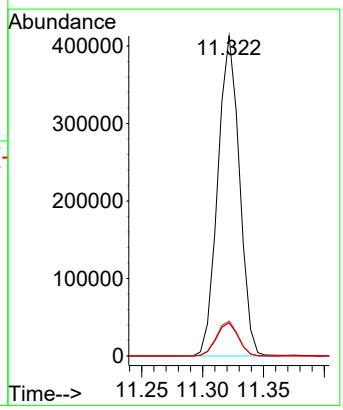


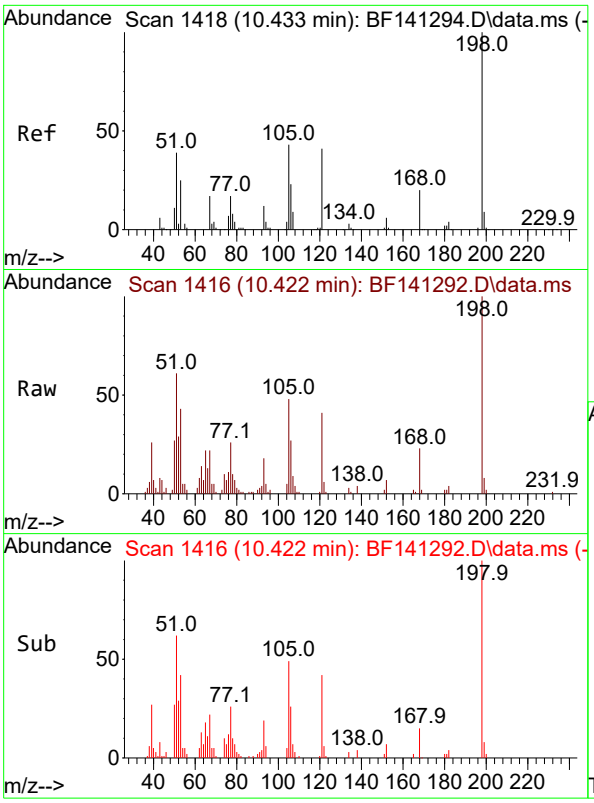


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:188 Resp: 510795

Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.8	11.6
80	10.9	8.2	12.4



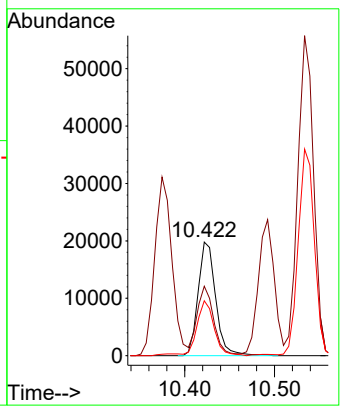


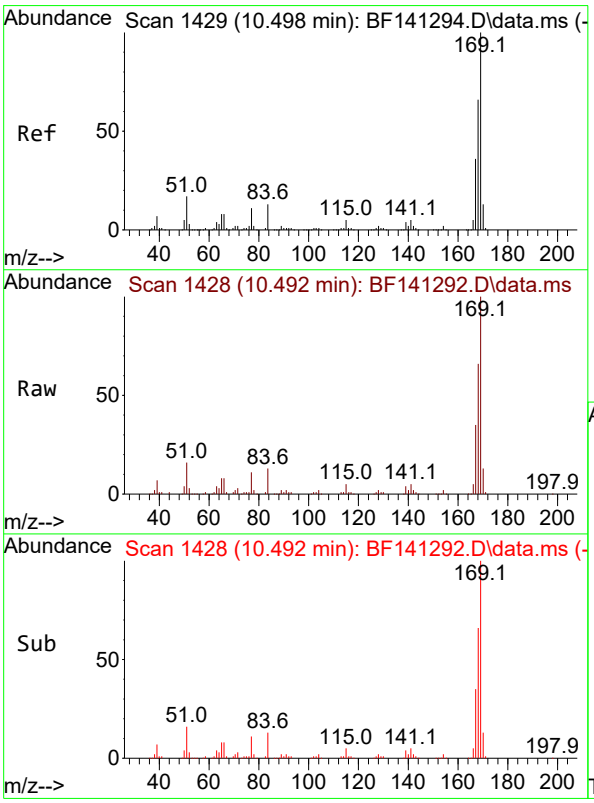
#65
4,6-Dinitro-2-methylphenol
Concen: 8.916 ng
RT: 10.422 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:198 Resp: 26939

Ion	Ratio	Lower	Upper
198	100		
51	61.2	33.4	73.4
105	48.3	24.4	64.4

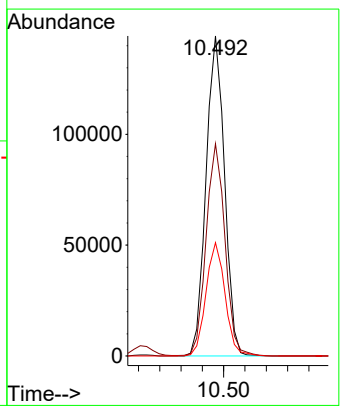


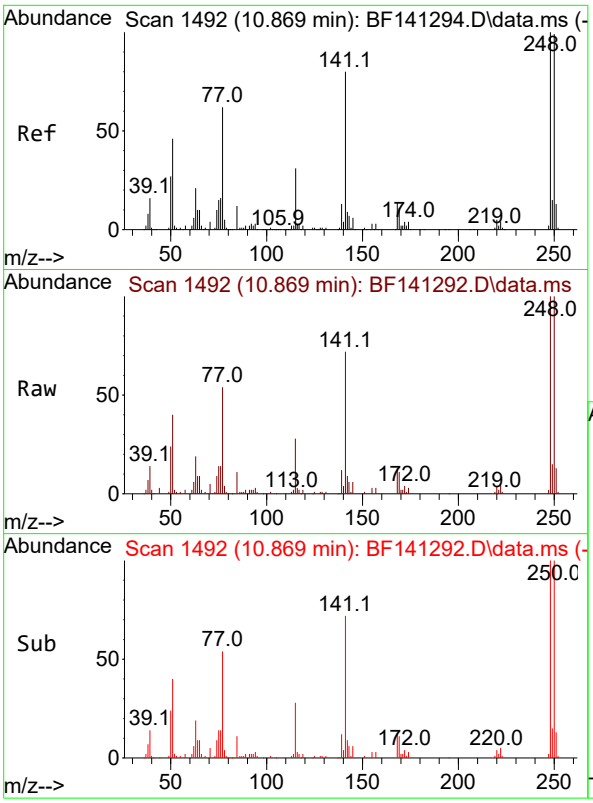


#66
n-Nitrosodiphenylamine
Concen: 10.569 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:169 Resp: 174617

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.4
167	35.4	28.8	43.2



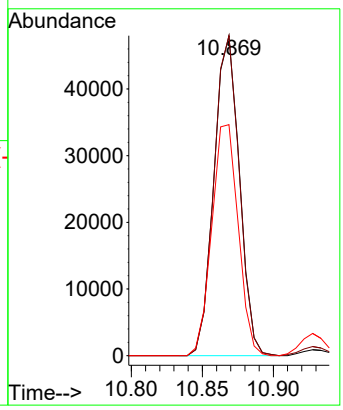


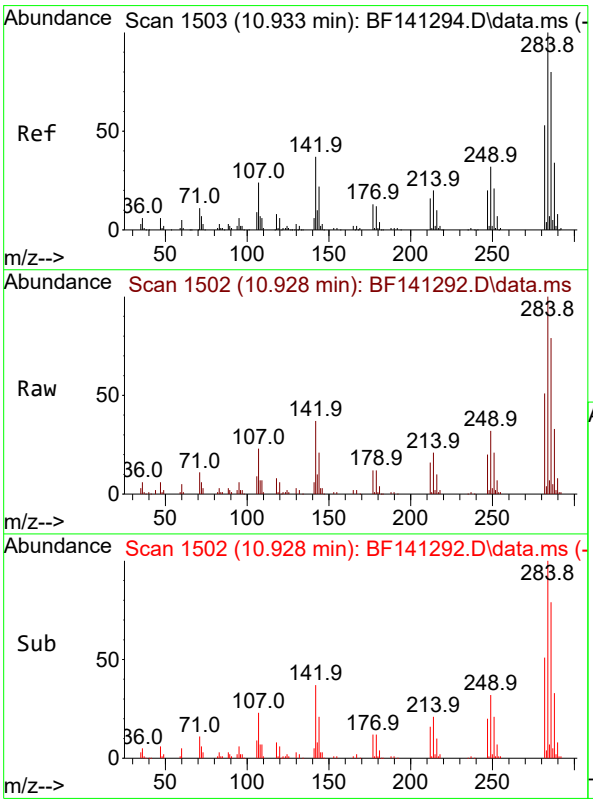
#67
4-Bromophenyl-phenylether
Concen: 10.452 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 59770

Ion	Ratio	Lower	Upper
248	100		
250	100.0	79.0	118.4
141	72.2	63.7	95.5

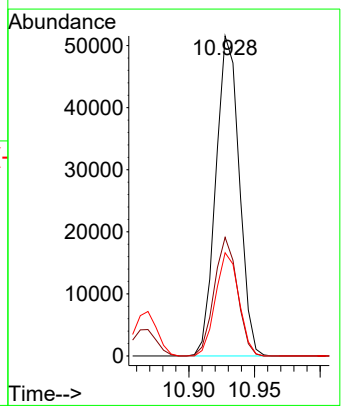


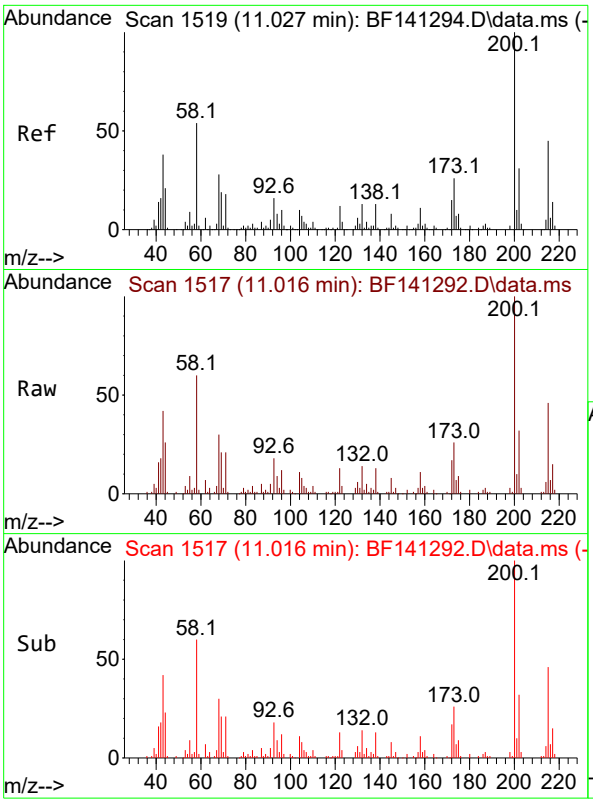


#68
Hexachlorobenzene
Concen: 10.536 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:284 Resp: 63908

Ion	Ratio	Lower	Upper
284	100		
142	37.0	29.5	44.3
249	32.2	25.4	38.2



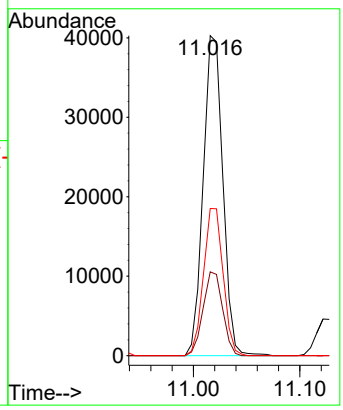


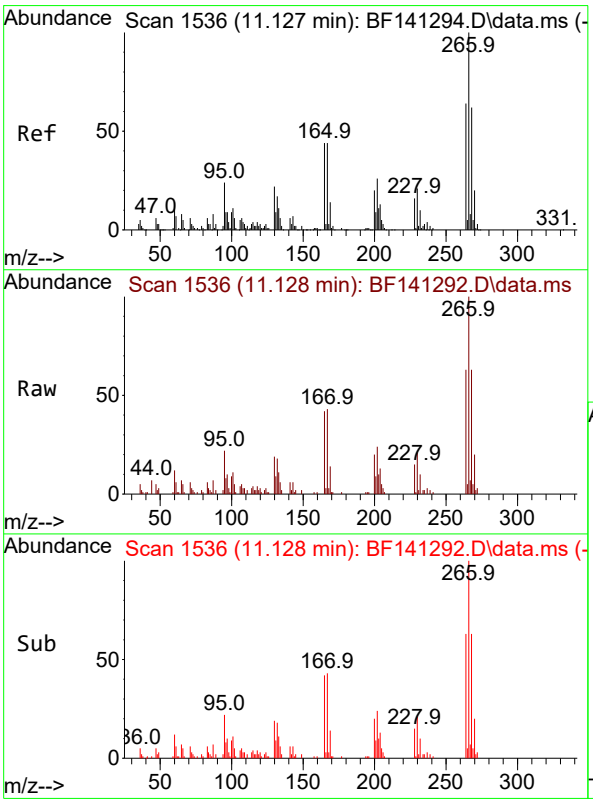
#69
Atrazine
Concen: 9.347 ng
RT: 11.016 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:200 Resp: 51633

Ion	Ratio	Lower	Upper
200	100		
173	26.2	5.9	45.9
215	46.0	25.2	65.2

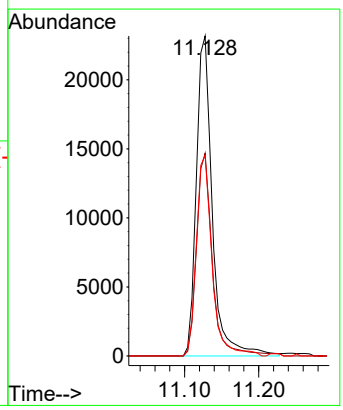


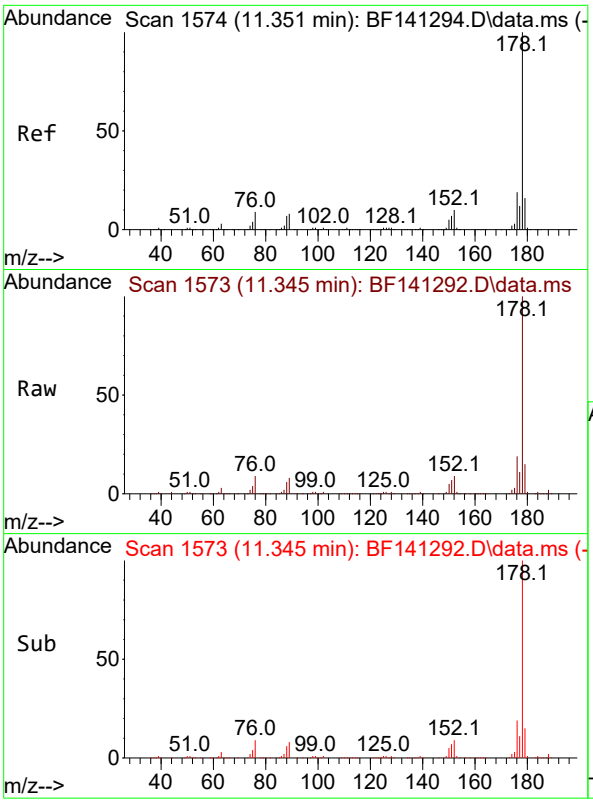


#70
Pentachlorophenol
Concen: 9.794 ng
RT: 11.128 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:266 Resp: 34788

Ion	Ratio	Lower	Upper
266	100		
268	63.4	49.9	74.9
264	62.7	51.0	76.4



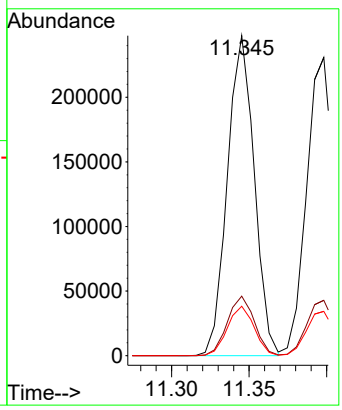


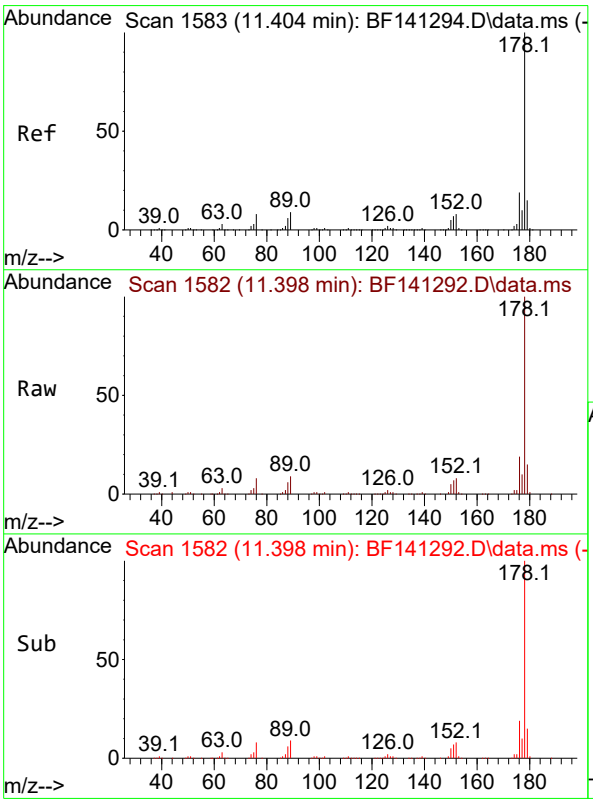
#71
Phenanthrene
Concen: 10.886 ng
RT: 11.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 298892

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.4	12.5	18.7

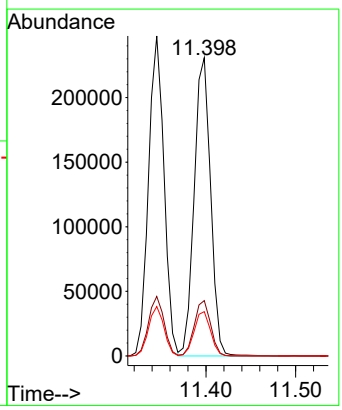


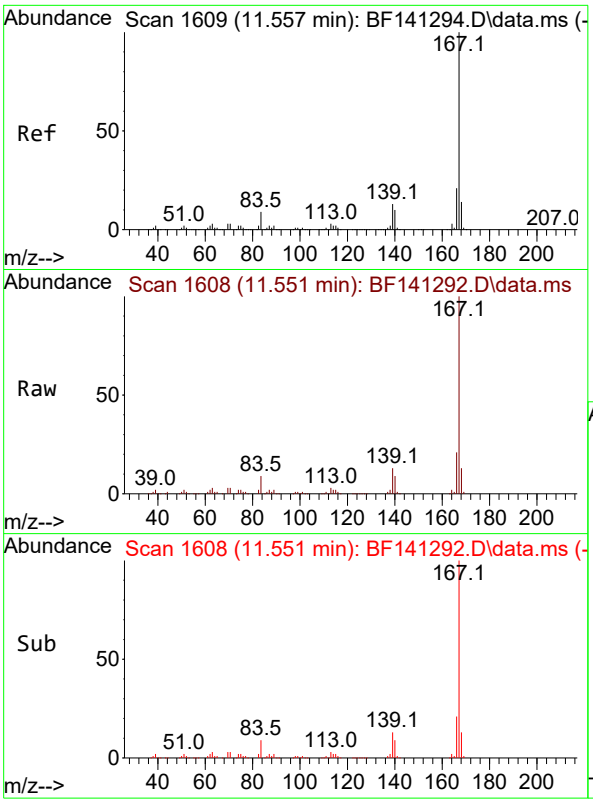


#72
Anthracene
Concen: 10.884 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:178 Resp: 292813

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	14.9	12.3	18.5



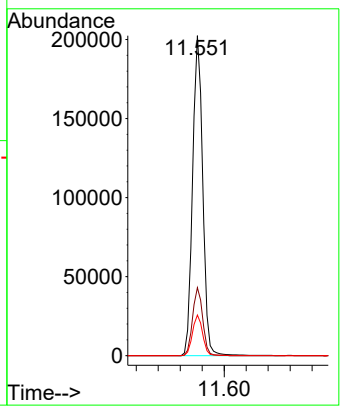


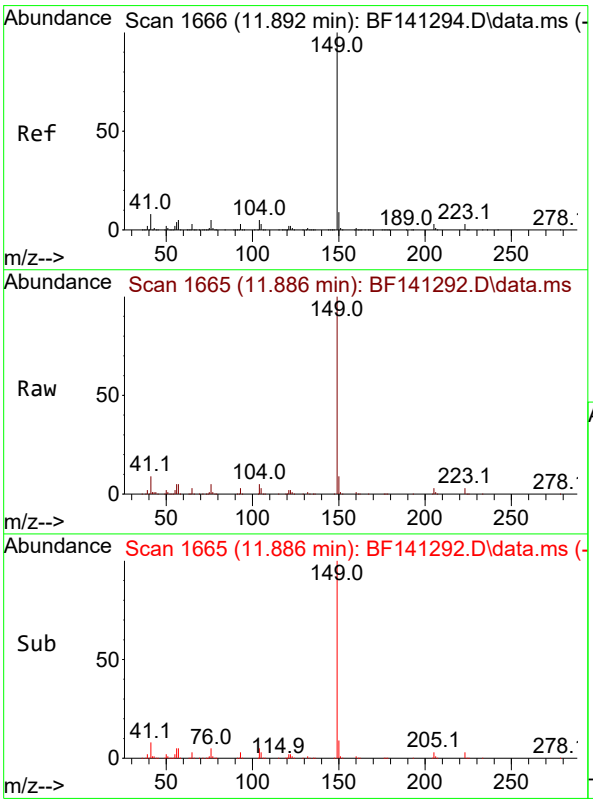
#73
Carbazole
Concen: 10.851 ng
RT: 11.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:167 Resp: 258853

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.7	10.6	16.0

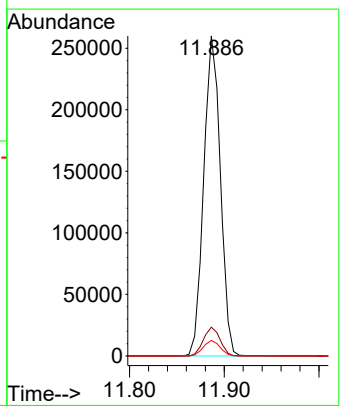


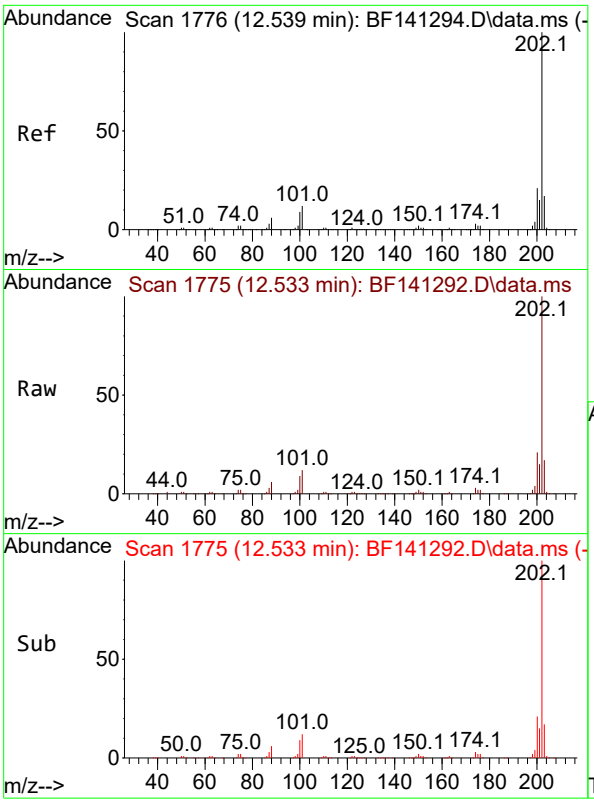


#74
Di-n-butylphthalate
Concen: 10.942 ng
RT: 11.886 min Scan# 1665
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 316336

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.9	3.9	5.9



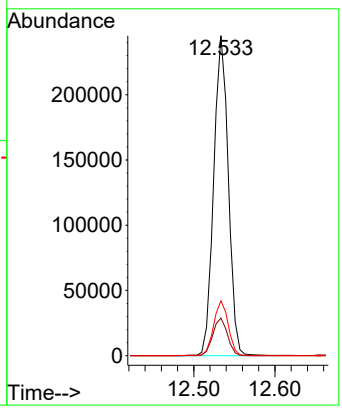


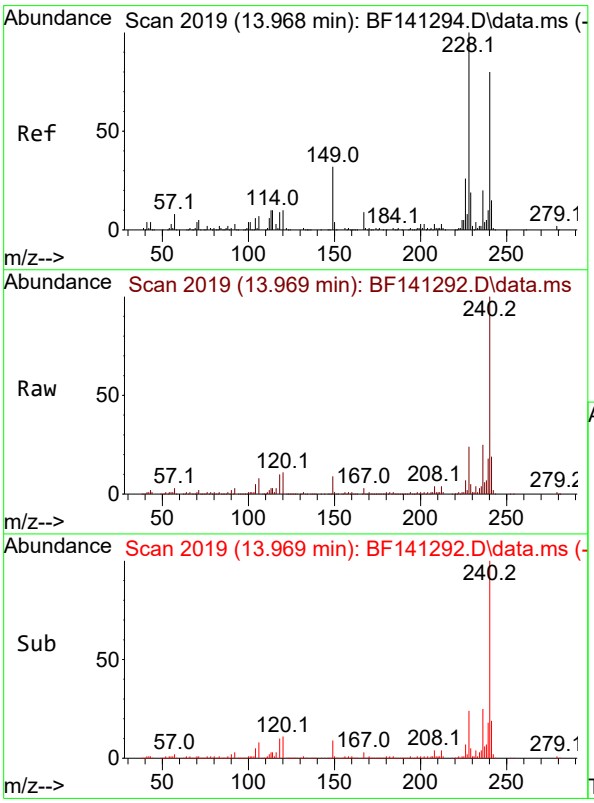
#75
Fluoranthene
Concen: 11.323 ng
RT: 12.533 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 306969

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.1	0.0	37.5

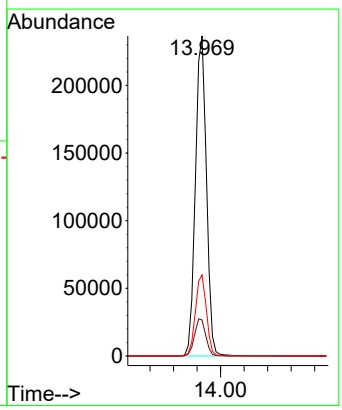


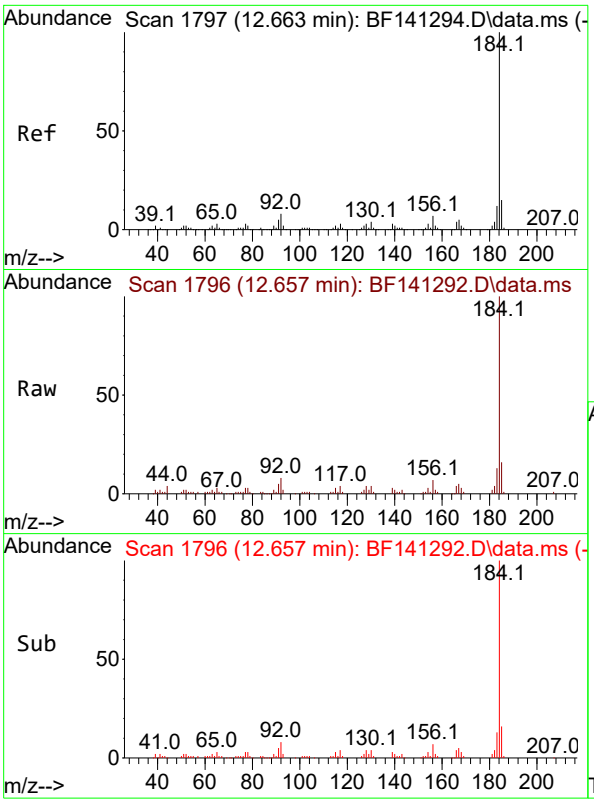


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:240 Resp: 308114

Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.0	15.0
236	25.4	19.7	29.5



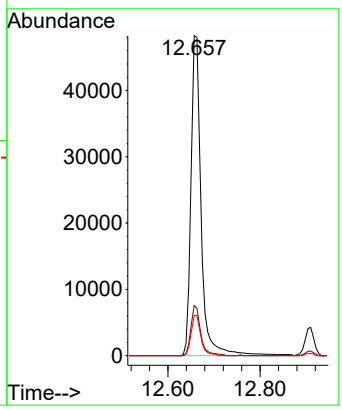


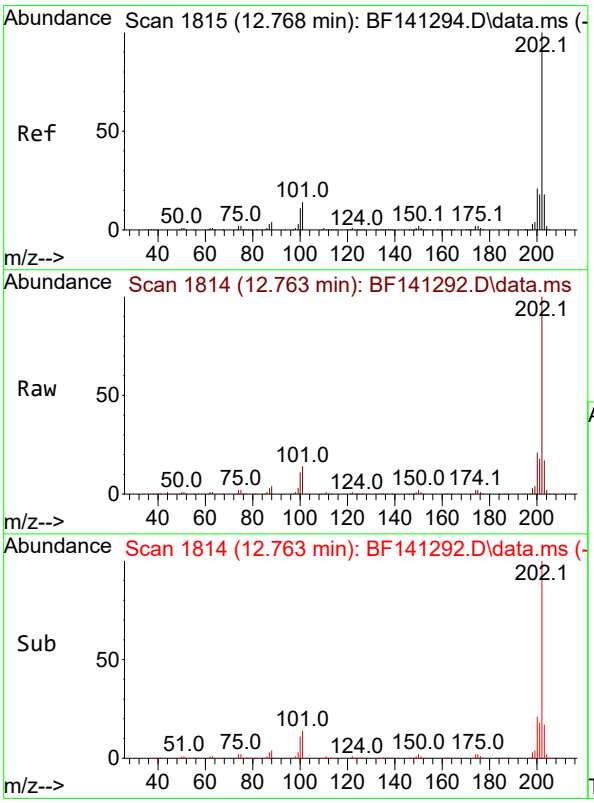
#77
Benzidine
Concen: 7.483 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:184 Resp: 73918

Ion	Ratio	Lower	Upper
184	100		
185	15.6	11.9	17.9
183	12.6	9.5	14.3

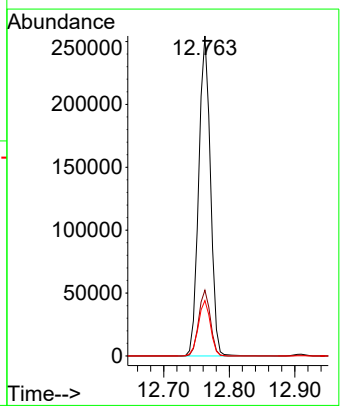


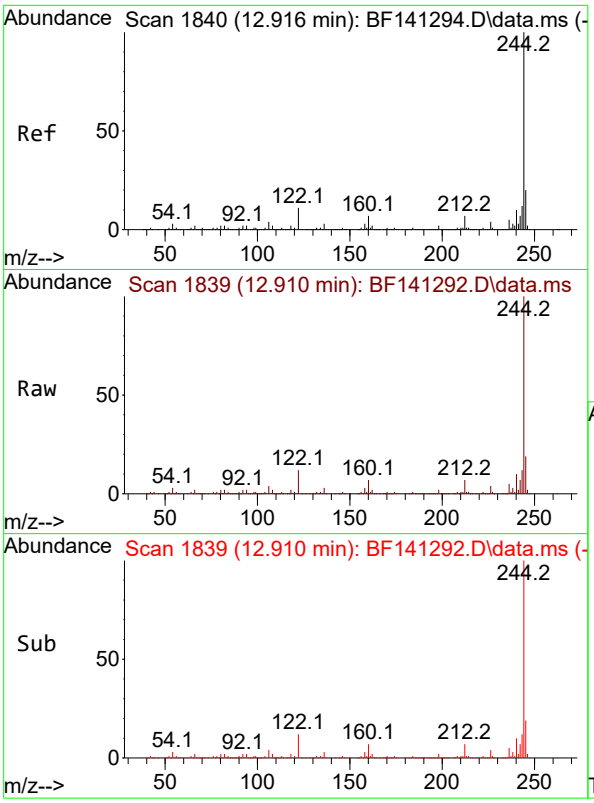


#78
Pyrene
Concen: 10.743 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:202 Resp: 317744

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	17.3	14.3	21.5



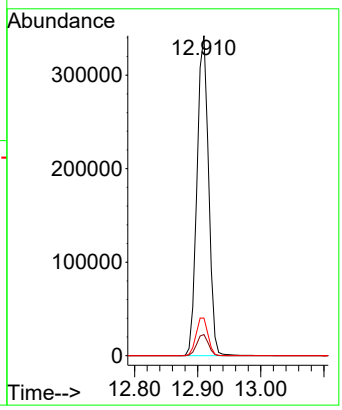


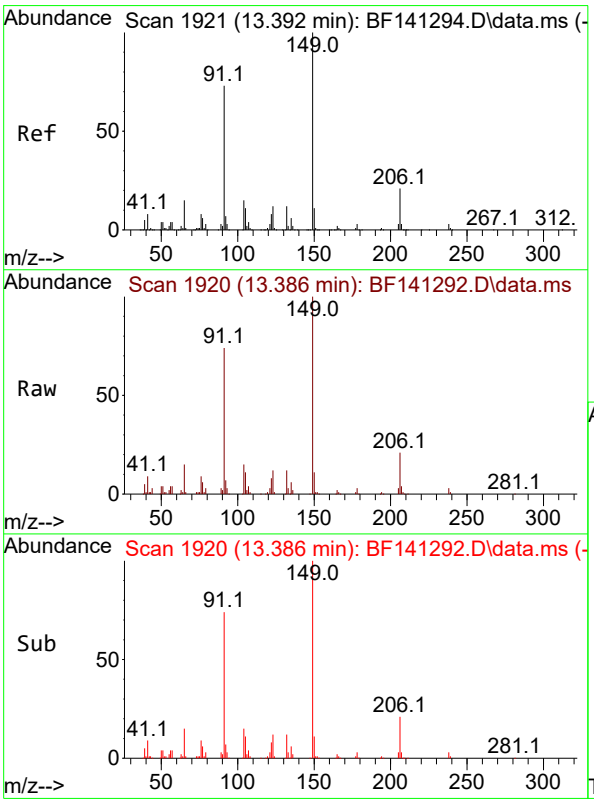
#79
Terphenyl-d14
Concen: 21.762 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 434781

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.7	8.8	13.2

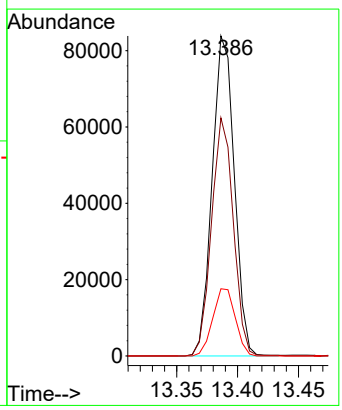


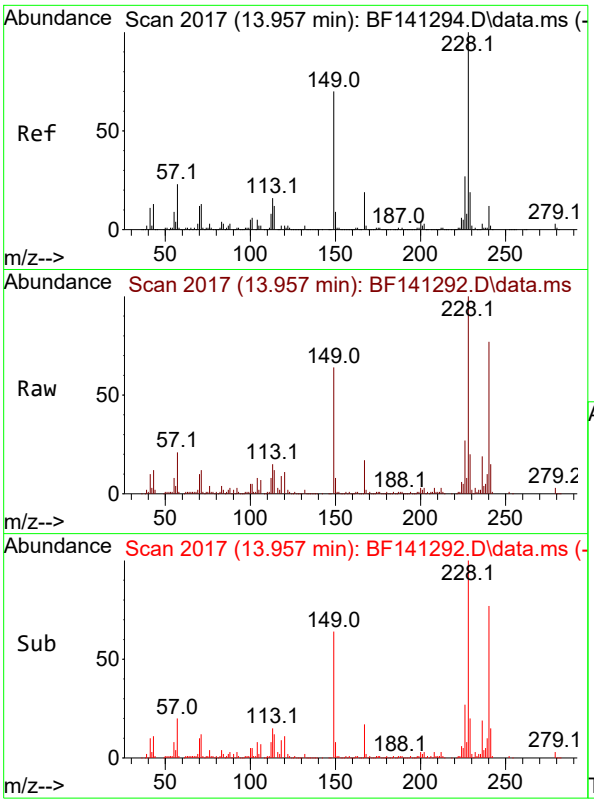


#80
Butylbenzylphthalate
Concen: 10.291 ng
RT: 13.386 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 106335

Ion	Ratio	Lower	Upper
149	100		
91	74.4	58.6	87.8
206	21.0	16.7	25.1



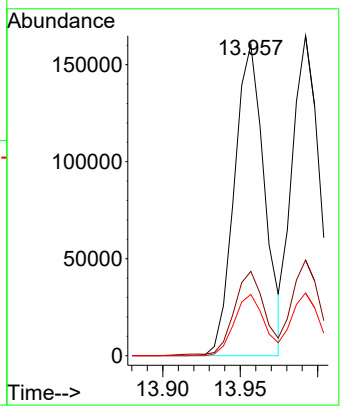


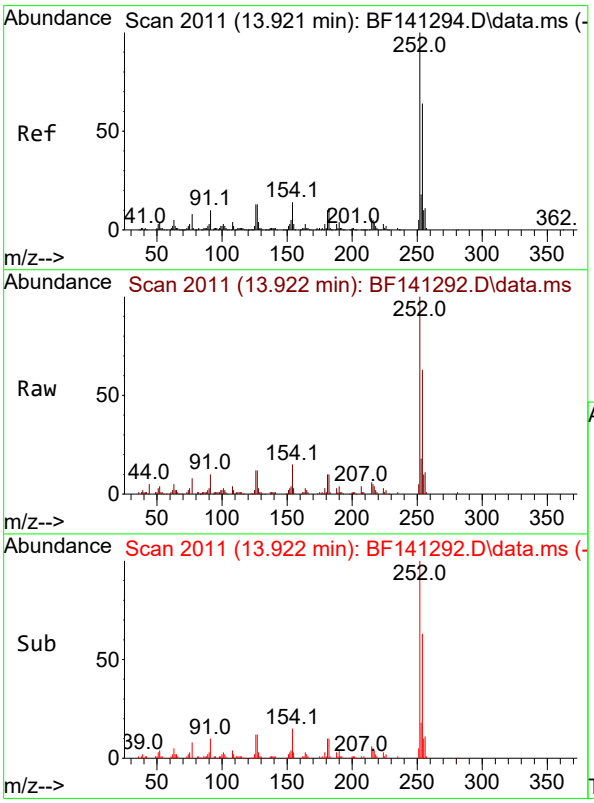
#81
Benzo(a)anthracene
Concen: 10.220 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 217291

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.7	15.5	23.3

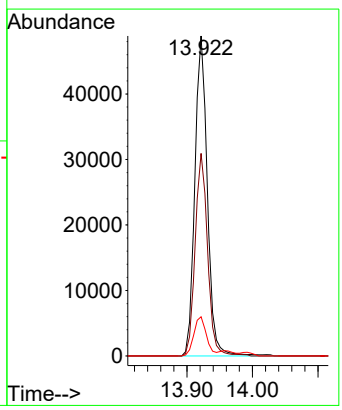


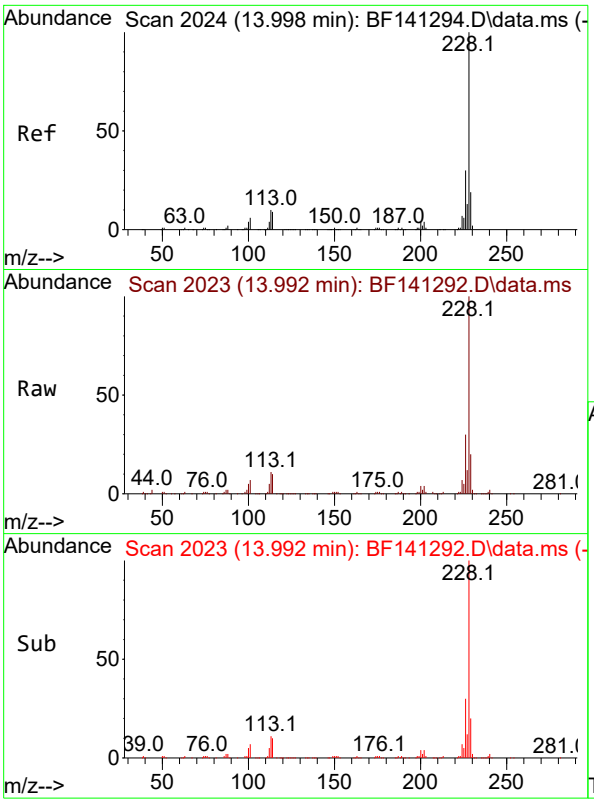


#82
3,3'-Dichlorobenzidine
Concen: 9.615 ng
RT: 13.922 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 65021

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	12.2	10.0	15.0



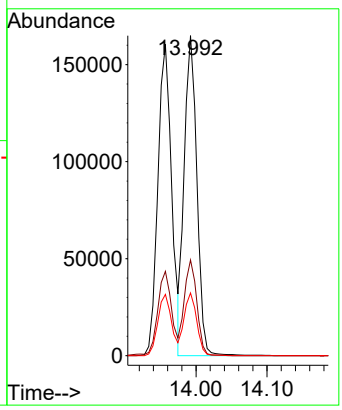


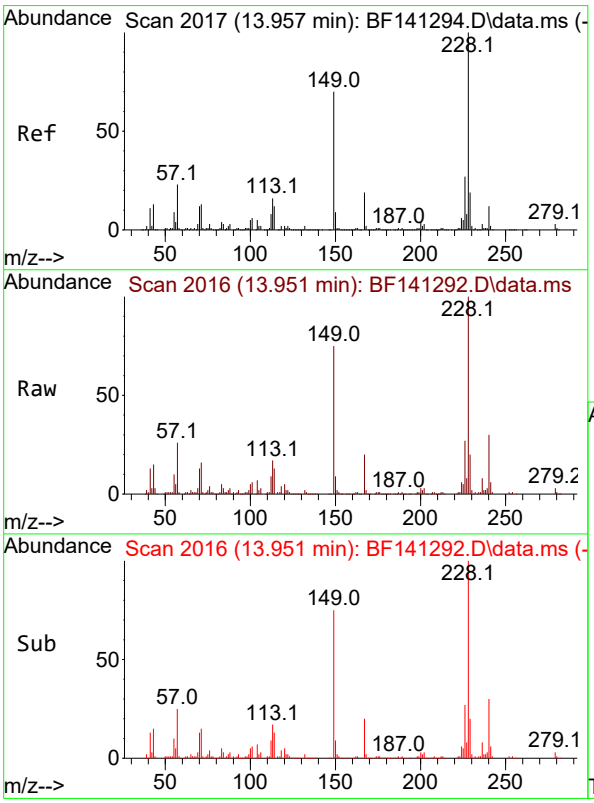
#83
Chrysene
Concen: 10.473 ng
RT: 13.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 204080

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.6	15.6	23.4

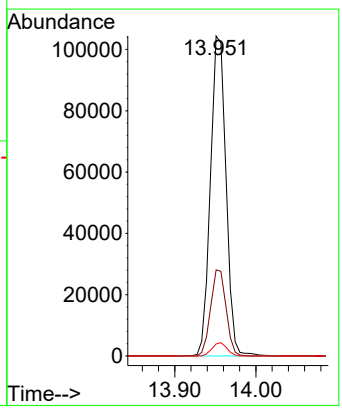


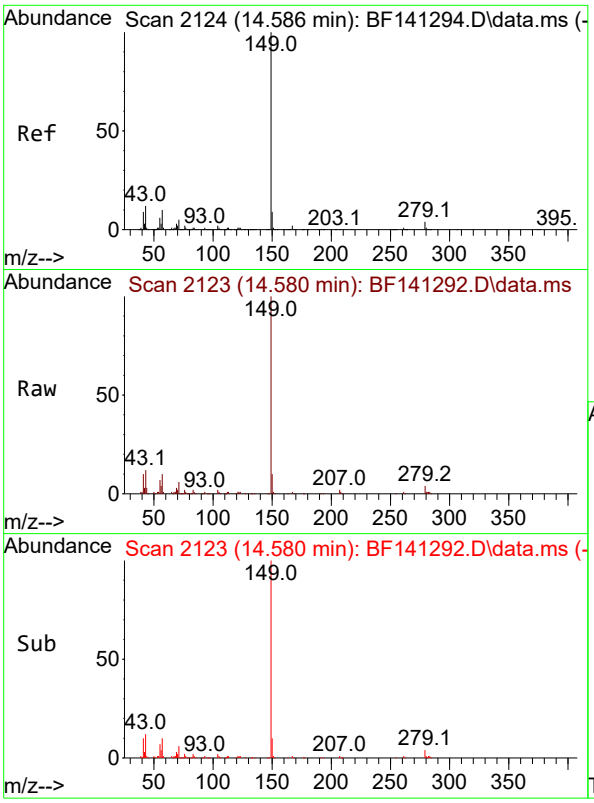


#84
Bis(2-ethylhexyl)phthalate
Concen: 10.612 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:149 Resp: 139099

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.8	3.3	4.9



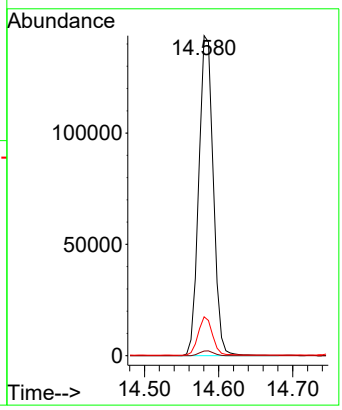


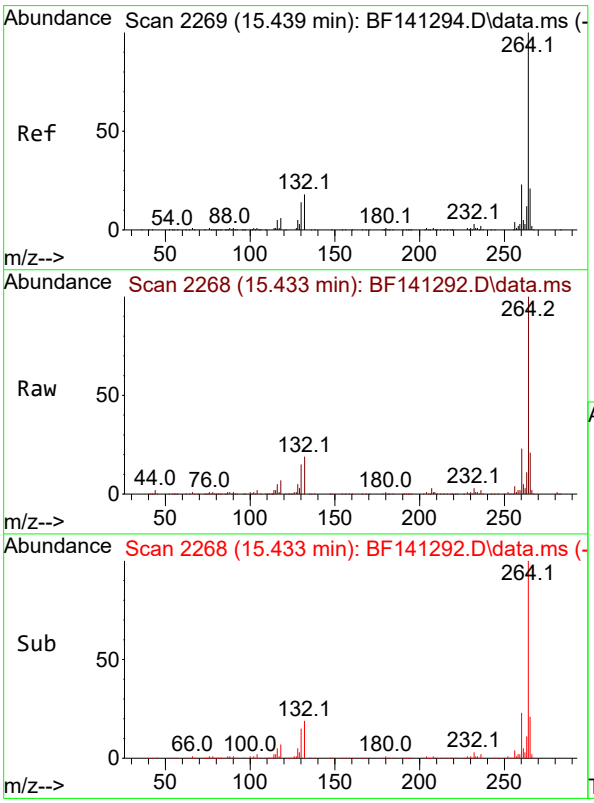
#85
Di-n-octyl phthalate
Concen: 9.585 ng
RT: 14.580 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 195129

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.8	9.8	14.8

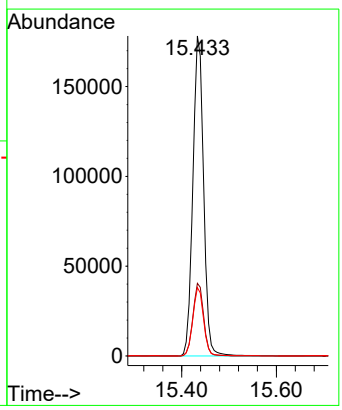


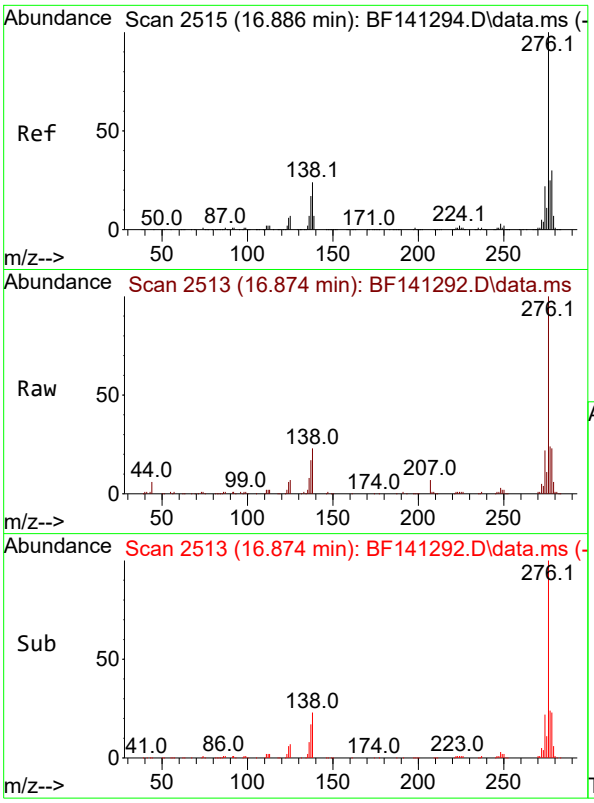


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:264 Resp: 280028

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.3	16.7	25.1



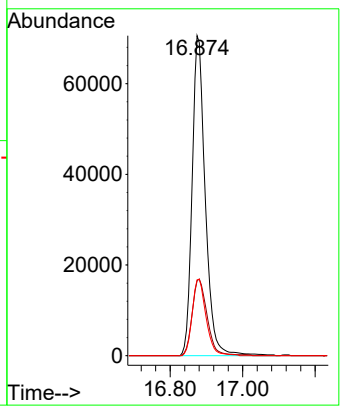


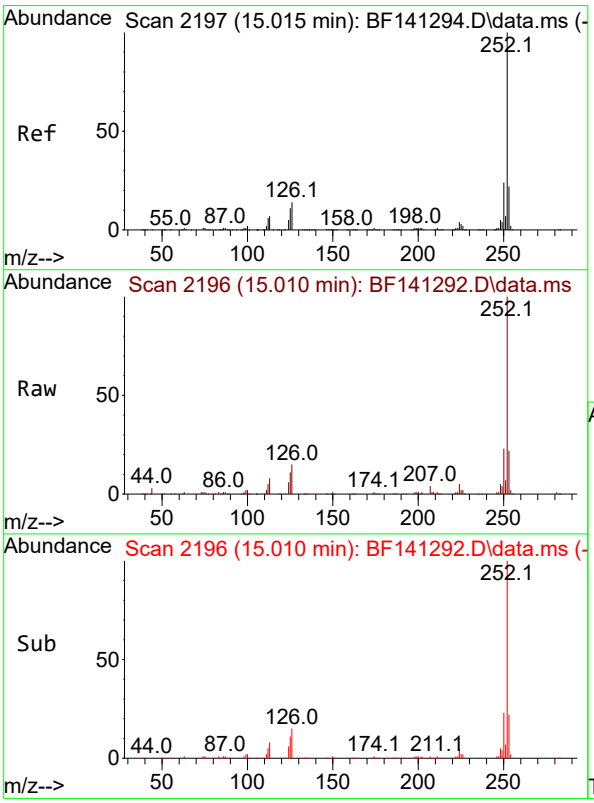
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.824 ng
RT: 16.874 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 177554

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.7	32.5
277	25.1	20.3	30.5

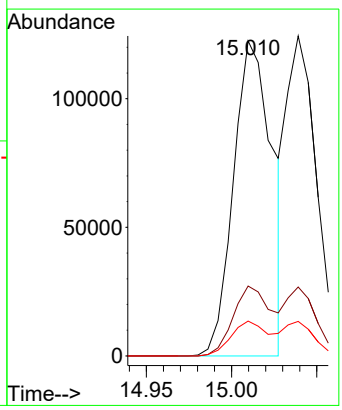


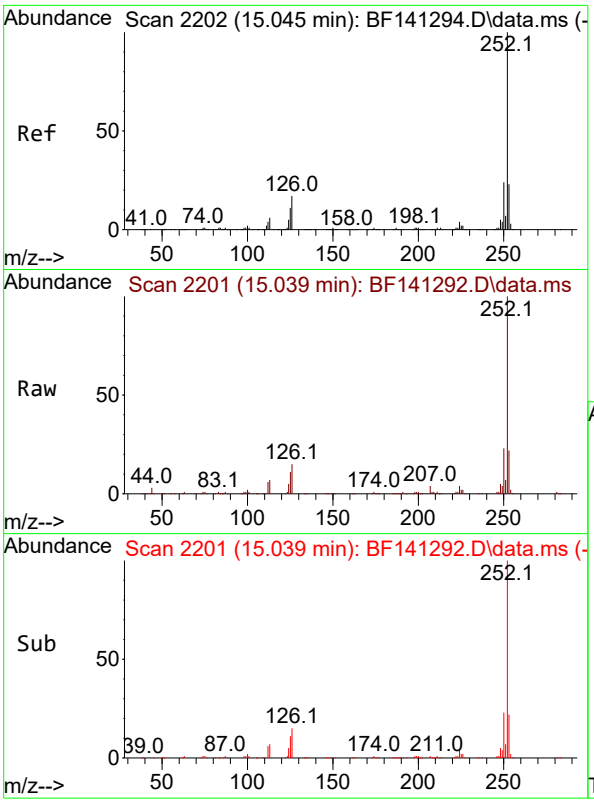


#88
Benzo(b)fluoranthene
Concen: 10.989 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 193558

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.1	8.6	12.8



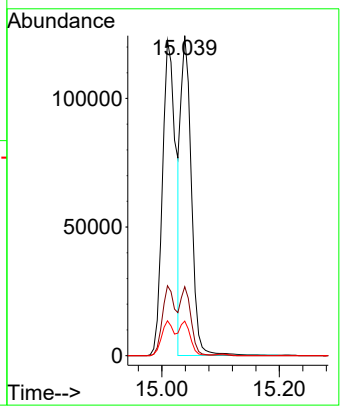


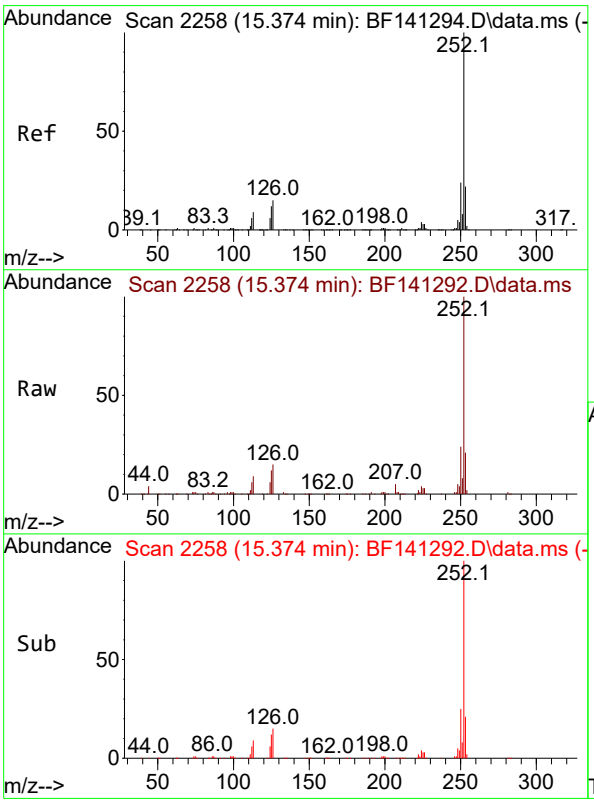
#89
Benzo(k)fluoranthene
Concen: 9.992 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 155925

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	10.8	8.4	12.6

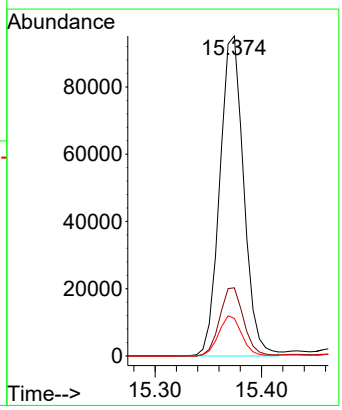


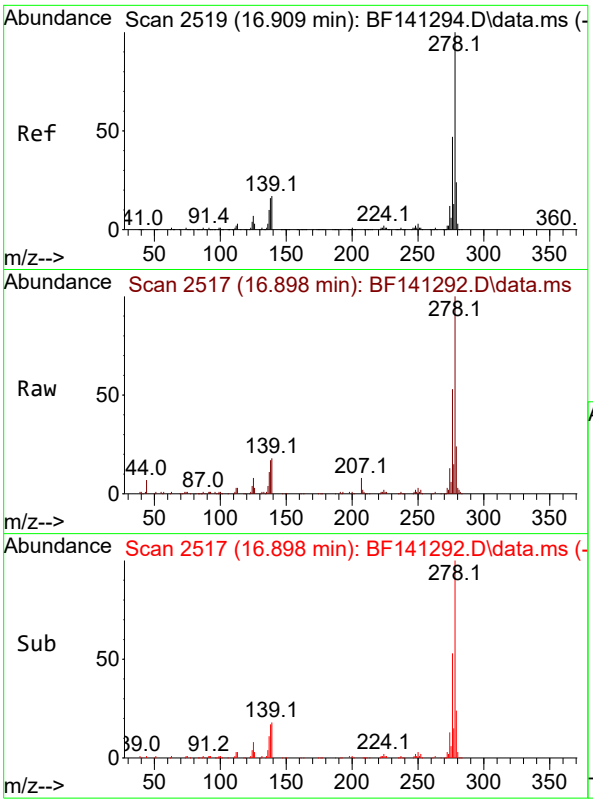


#90
Benzo(a)pyrene
Concen: 9.957 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:252 Resp: 148214

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	11.7	9.4	14.2



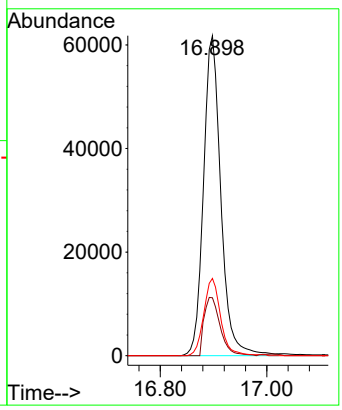


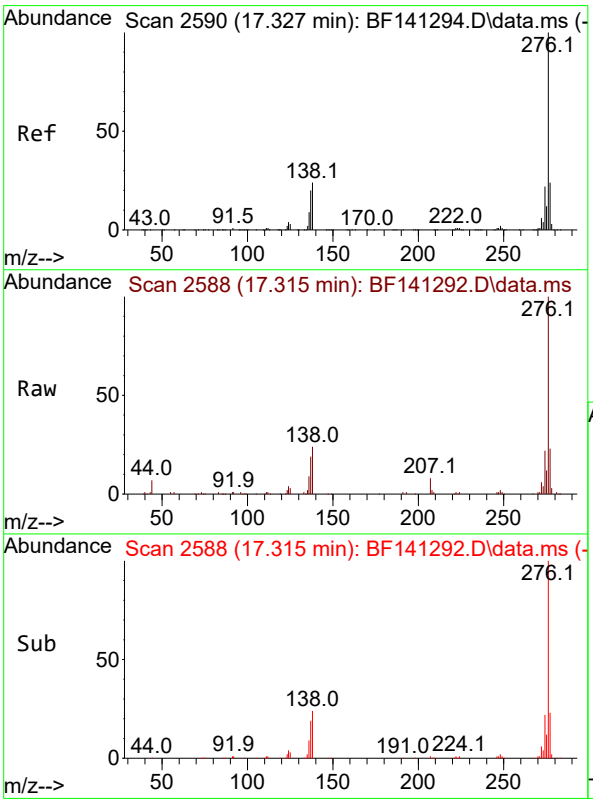
#91
Dibenzo(a,h)anthracene
Concen: 9.638 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 140143

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.9	20.9
279	24.2	18.8	28.2

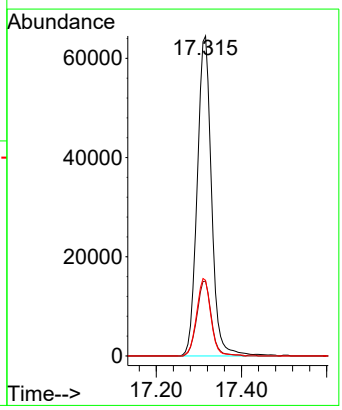




#92
Benzo(g,h,i)perylene
Concen: 9.951 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.029 min
Lab File: BF141292.D
Acq: 29 Jan 2025 11:49

Tgt Ion:276 Resp: 150453

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	23.6	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 30 04:13:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	136491	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	532862	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293084	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	511320	20.000	ng	0.00
76) Chrysene-d12	13.974	240	314234	20.000	ng	0.00
86) Perylene-d12	15.457	264	289582	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	382610	43.035	ng	-0.01
7) Phenol-d6	6.422	99	475876	42.075	ng	-0.02
23) Nitrobenzene-d5	7.357	82	432160	42.754	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	116167	43.234	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	819371	43.031	ng	0.00
79) Terphenyl-d14	12.916	244	860956	42.254	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	81467	20.835	ng	98
3) Pyridine	3.210	79	197852	21.001	ng	99
4) n-Nitrosodimethylamine	3.152	42	112450	20.894	ng	98
6) Aniline	6.457	93	210459	21.983	ng	99
8) 2-Chlorophenol	6.581	128	203008	21.304	ng	96
9) Benzaldehyde	6.345	77	150675	22.999	ng	100
10) Phenol	6.434	94	257179	21.451	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	194572	21.166	ng	98
12) 1,3-Dichlorobenzene	6.739	146	224880	21.403	ng	99
13) 1,4-Dichlorobenzene	6.816	146	226376	21.447	ng	99
14) 1,2-Dichlorobenzene	6.969	146	213616	21.612	ng	99
15) Benzyl Alcohol	6.934	79	166008	21.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	340590	21.306	ng	100
17) 2-Methylphenol	7.045	107	165188	21.329	ng	99
18) Hexachloroethane	7.310	117	83193	21.365	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	140874	20.962	ng	99
20) 3+4-Methylphenols	7.198	107	205070	21.565	ng	96
22) Acetophenone	7.204	105	275680	21.765	ng	100
24) Nitrobenzene	7.381	77	224061	21.390	ng	98
25) Isophorone	7.616	82	369998	21.176	ng	99
26) 2-Nitrophenol	7.698	139	106287	21.515	ng	98
27) 2,4-Dimethylphenol	7.734	122	126282	20.083	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	237369	21.298	ng	98
29) 2,4-Dichlorophenol	7.934	162	166153	21.584	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	188468	21.438	ng	99
31) Naphthalene	8.104	128	607622	21.585	ng	100
32) Benzoic acid	7.816	122	126734	21.925	ng	99
33) 4-Chloroaniline	8.151	127	208531	21.846	ng	99
34) Hexachlorobutadiene	8.222	225	111274	21.583	ng	97
35) Caprolactam	8.498	113	54280	21.591	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	177981	21.555	ng	99
37) 2-Methylnaphthalene	8.792	142	386035	21.576	ng	100
38) 1-Methylnaphthalene	8.892	142	378878	21.558	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	176736	21.197	ng	99
41) Hexachlorocyclopentadiene	8.945	237	51112	20.757	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	114390	20.960	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 30 04:13:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	125725	21.166	ng		98
46) 1,1'-Biphenyl	9.257	154	483479	21.152	ng		100
47) 2-Chloronaphthalene	9.281	162	377946	21.214	ng		99
48) 2-Nitroaniline	9.375	65	119359	21.300	ng		98
49) Acenaphthylene	9.698	152	531957	21.330	ng		99
50) Dimethylphthalate	9.557	163	423377	21.388	ng		100
51) 2,6-Dinitrotoluene	9.622	165	97622	21.240	ng		96
52) Acenaphthene	9.869	154	378511	21.245	ng		99
53) 3-Nitroaniline	9.786	138	100085	22.218	ng		98
54) 2,4-Dinitrophenol	9.892	184	40003	18.723	ng	#	86
55) Dibenzofuran	10.039	168	514223	21.562	ng		100
56) 4-Nitrophenol	9.945	139	73425	22.287	ng		97
57) 2,4-Dinitrotoluene	10.022	165	129942	21.836	ng		98
58) Fluorene	10.386	166	396520	21.435	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	99841	21.366	ng		99
60) Diethylphthalate	10.257	149	413889	21.564	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	193134	21.374	ng		99
62) 4-Nitroaniline	10.398	138	96692	21.833	ng		98
63) Azobenzene	10.539	77	407492	21.210	ng		99
65) 4,6-Dinitro-2-methylph...	10.427	198	62572	20.689	ng		97
66) n-Nitrosodiphenylamine	10.498	169	344387	20.824	ng		100
67) 4-Bromophenyl-phenylether	10.869	248	119844	20.936	ng		98
68) Hexachlorobenzene	10.933	284	126823	20.886	ng		99
69) Atrazine	11.022	200	109133	19.737	ng		99
70) Pentachlorophenol	11.127	266	74508	20.954	ng		98
71) Phenanthrene	11.351	178	584027	21.249	ng		100
72) Anthracene	11.398	178	572743	21.267	ng		100
73) Carbazole	11.557	167	522100	21.863	ng		99
74) Di-n-butylphthalate	11.892	149	636521	21.994	ng		100
75) Fluoranthene	12.539	202	611492	22.532	ng		100
77) Benzidine	12.663	184	65963	6.548	ng		99
78) Pyrene	12.769	202	629228	20.861	ng		99
80) Butylbenzylphthalate	13.392	149	232095	22.025	ng		99
81) Benzo(a)anthracene	13.968	228	456535	21.054	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	134298	19.473	ng		99
83) Chrysene	14.004	228	421849	21.228	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	300546	22.483	ng		99
85) Di-n-octyl phthalate	14.604	149	451748	21.758	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	387089	20.711	ng		99
88) Benzo(b)fluoranthene	15.033	252	384557	21.112	ng		99
89) Benzo(k)fluoranthene	15.062	252	368801	22.855	ng		99
90) Benzo(a)pyrene	15.392	252	327630	21.284	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	318776	21.199	ng		100
92) Benzo(g,h,i)perylene	17.345	276	329876	21.098	ng		100

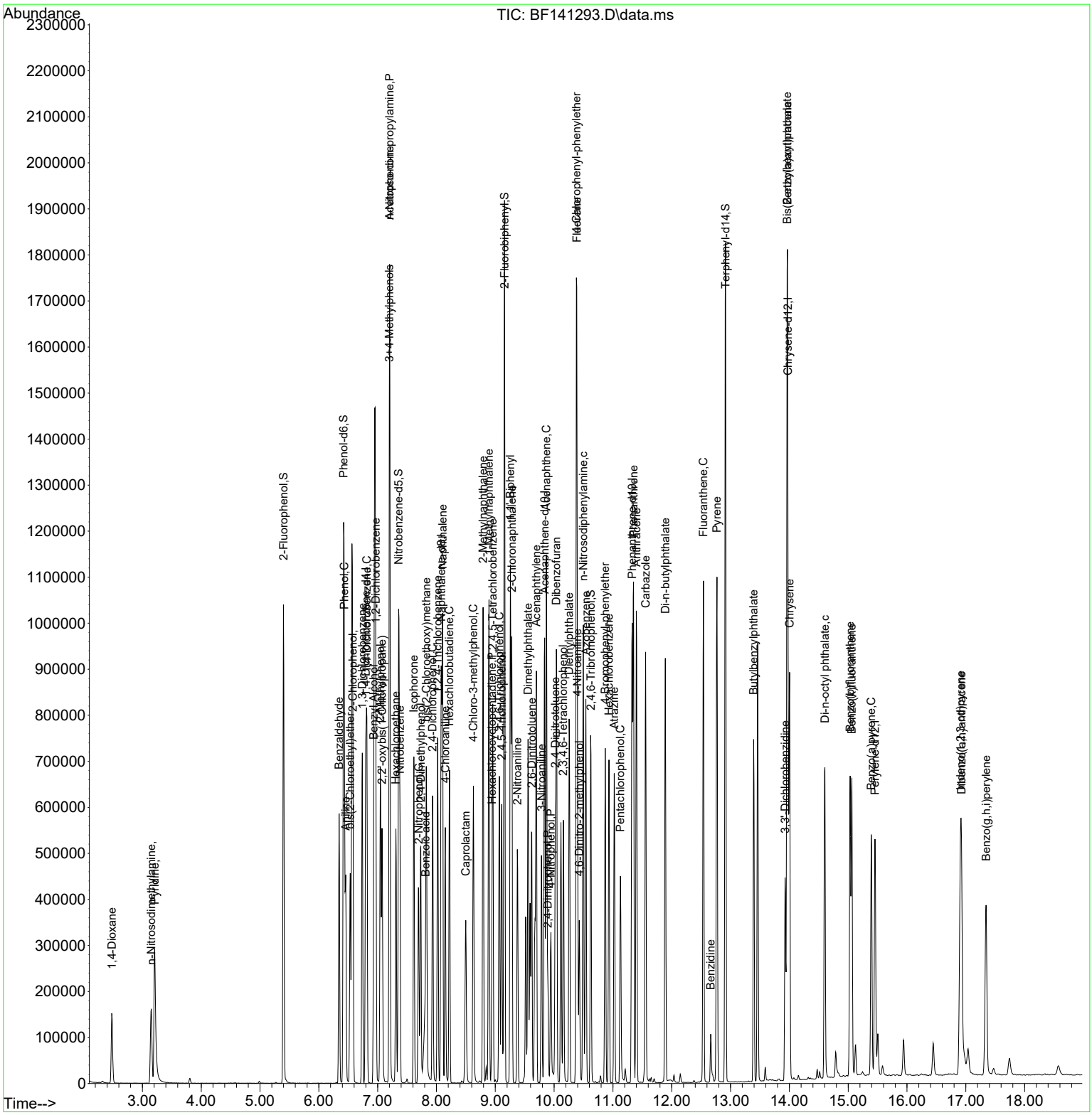
(#) = qualifier out of range (m) = manual integration (+) = signals summed

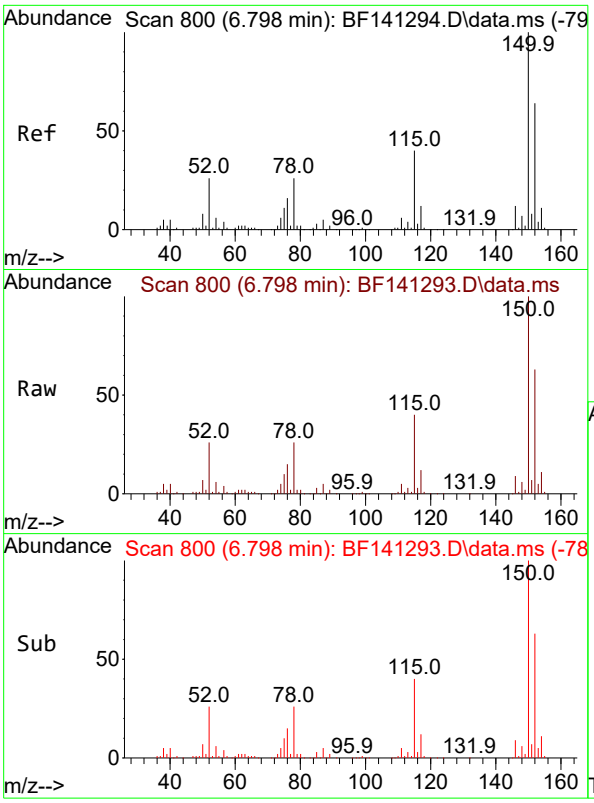
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141293.D
Acq On : 29 Jan 2025 15:17
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jan 30 04:13:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



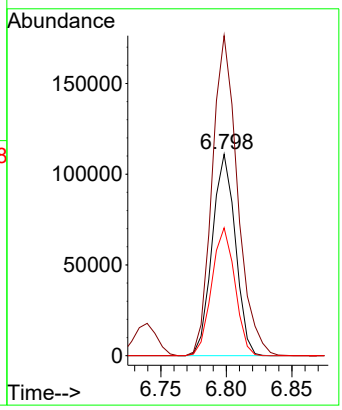


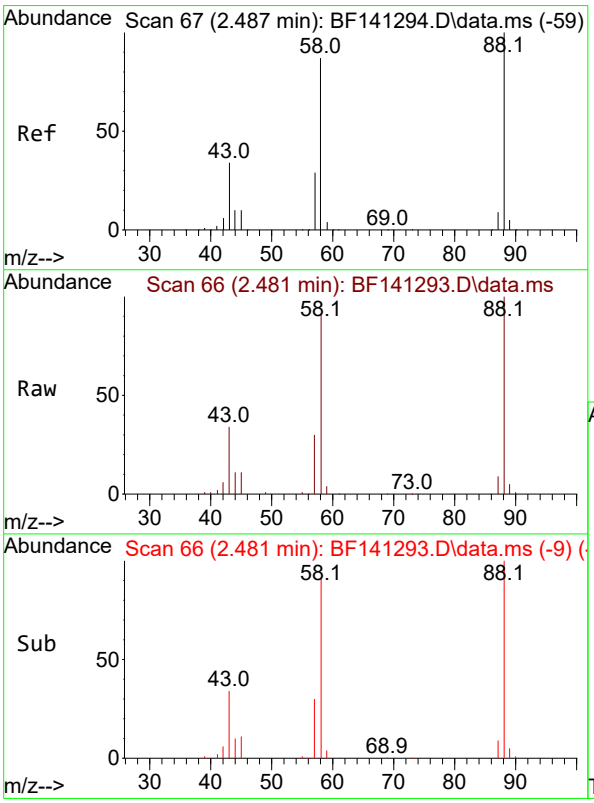
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 136491

Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.9	188.9
115	63.5	49.7	74.5

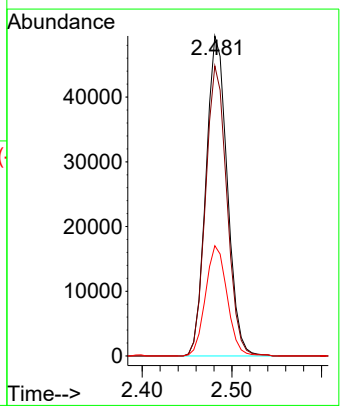


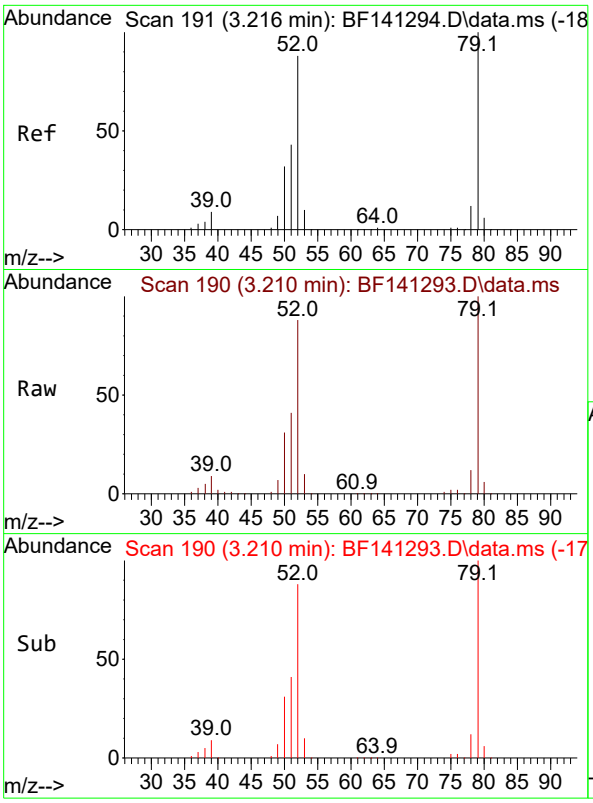


#2
1,4-Dioxane
Concen: 20.835 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 88 Resp: 81467

Ion	Ratio	Lower	Upper
88	100		
58	90.4	70.2	105.4
43	35.0	27.6	41.4



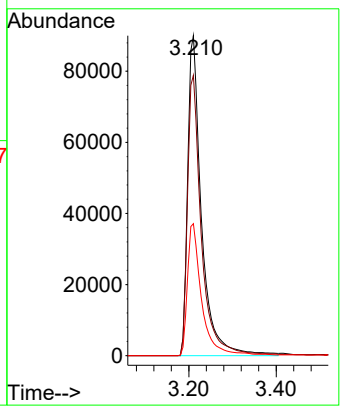


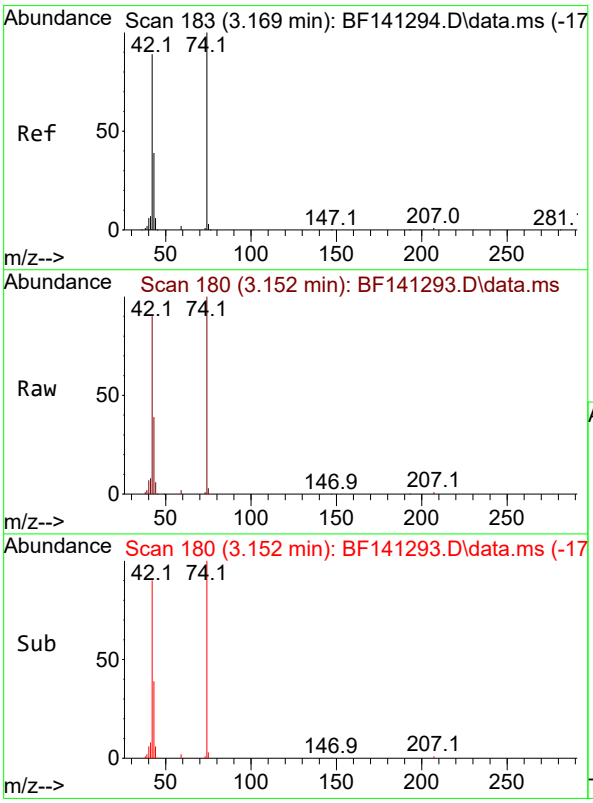
#3
Pyridine
Concen: 21.001 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 197852

Ion	Ratio	Lower	Upper
79	100		
52	87.6	70.3	105.5
51	41.2	34.3	51.5

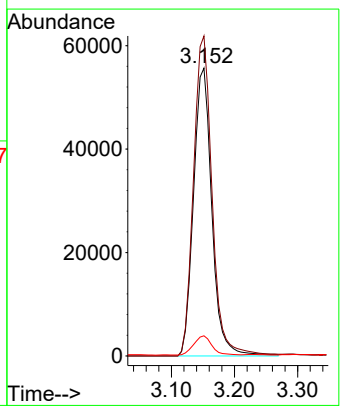


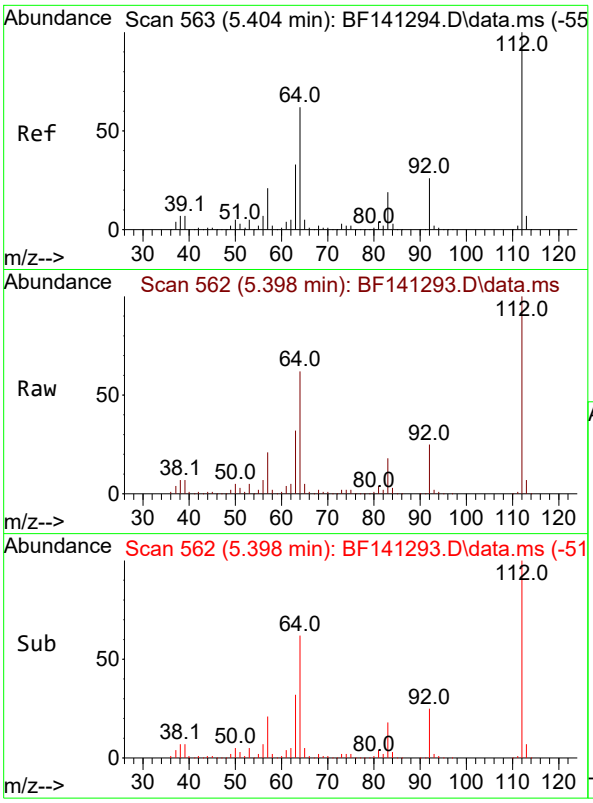


#4
n-Nitrosodimethylamine
Concen: 20.894 ng
RT: 3.152 min Scan# 180
Delta R.T. -0.047 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 42 Resp: 112450

Ion	Ratio	Lower	Upper
42	100		
74	111.2	90.3	135.5
44	7.0	5.7	8.5



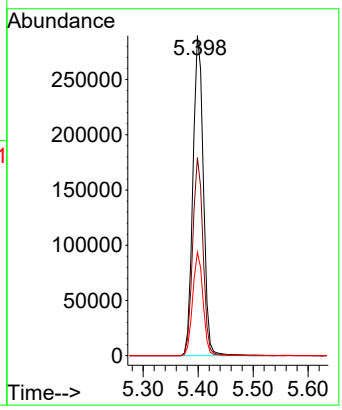


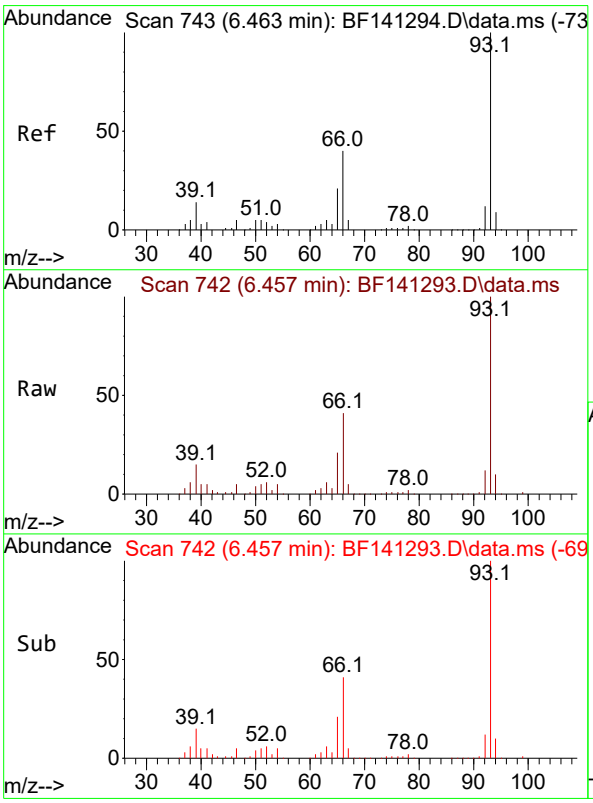
#5
2-Fluorophenol
Concen: 43.035 ng
RT: 5.398 min Scan# 5
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 382610

Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.8	74.8
63	32.3	26.1	39.1

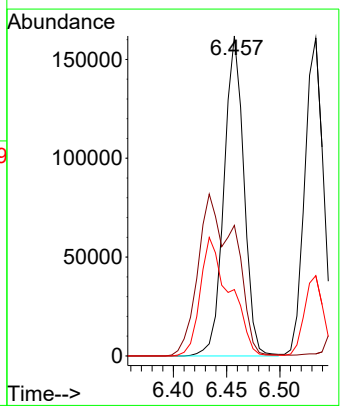


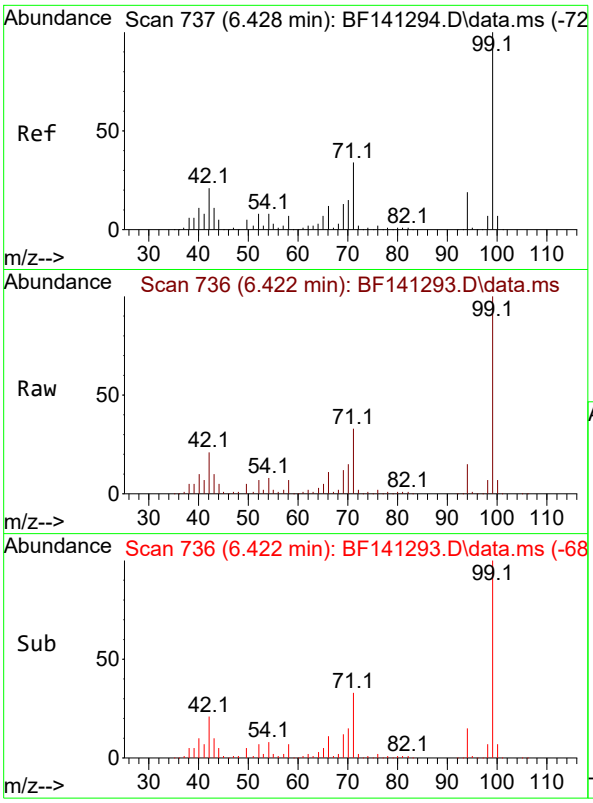


#6
Aniline
Concen: 21.983 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 210459

Ion	Ratio	Lower	Upper
93	100		
66	40.8	32.5	48.7
65	20.7	17.0	25.6



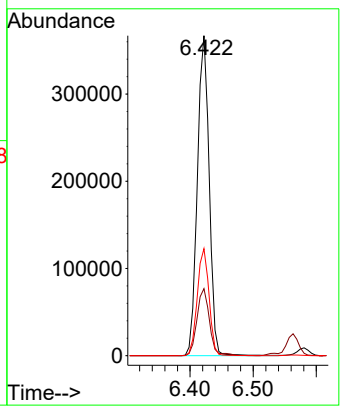


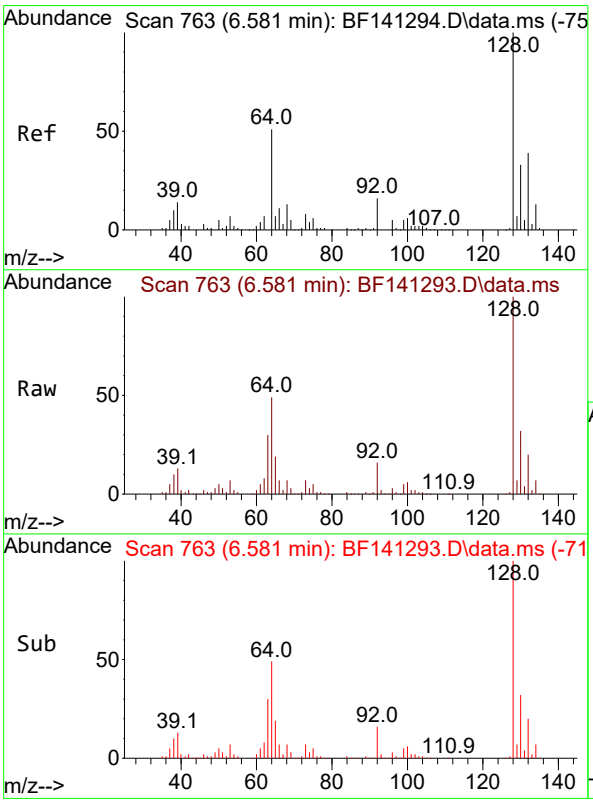
#7
Phenol-d6
Concen: 42.075 ng
RT: 6.422 min Scan# 7
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 475876

Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.1	25.7
71	33.5	26.9	40.3

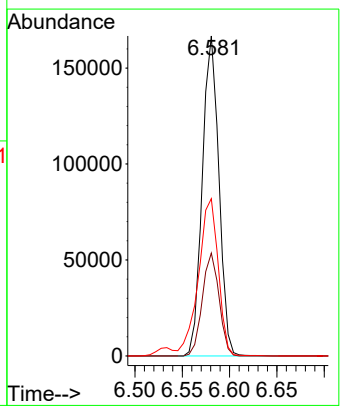


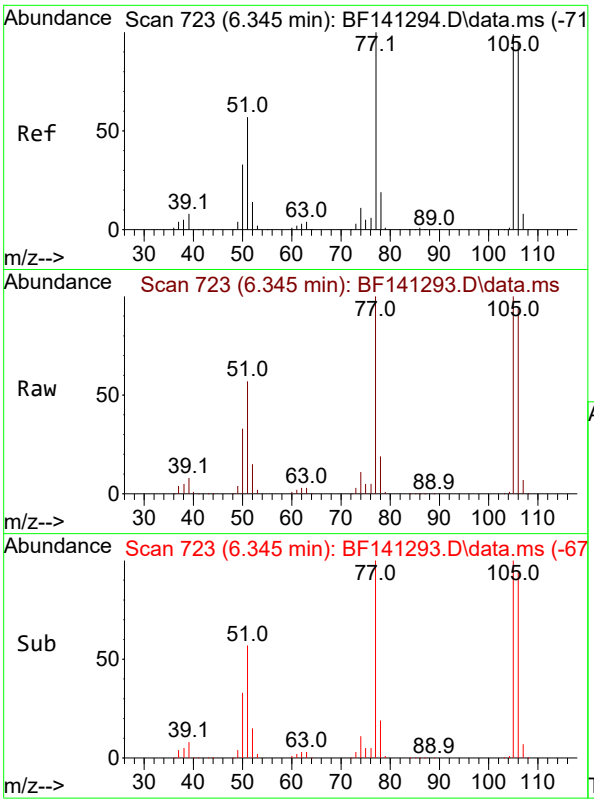


#8
2-Chlorophenol
Concen: 21.304 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:128 Resp: 203008

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	49.1	32.9	72.9



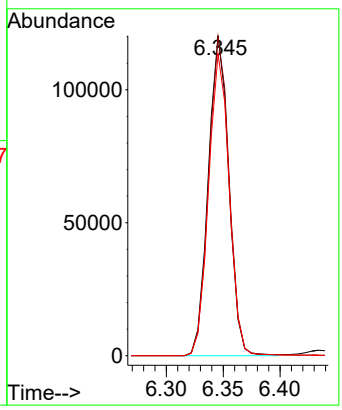


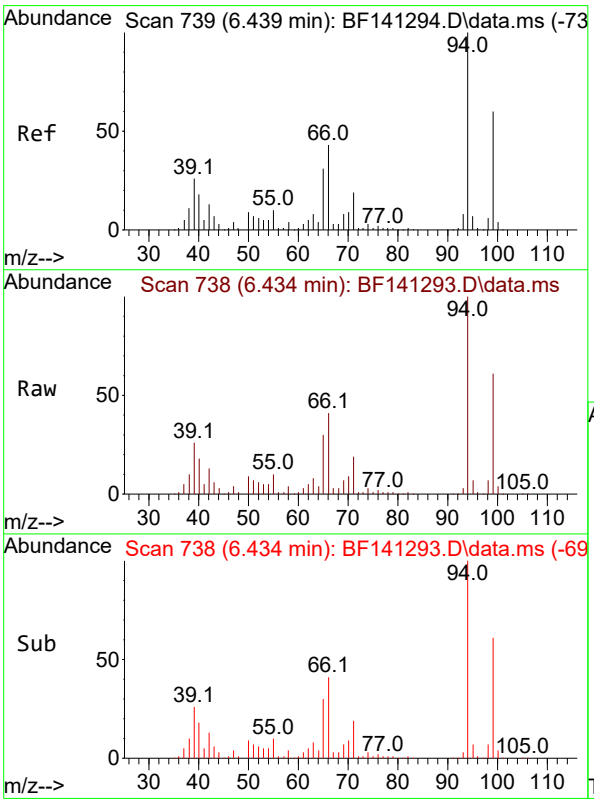
#9
Benzaldehyde
Concen: 22.999 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 150675

Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.4	119.4
106	94.2	74.6	114.6

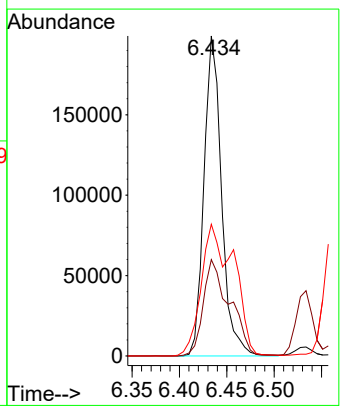


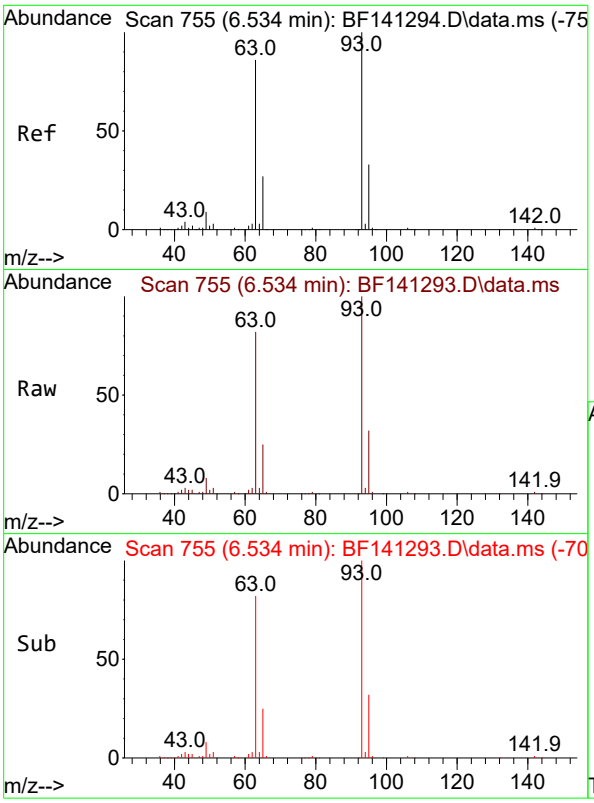


#10
Phenol
Concen: 21.451 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 94 Resp: 257179

Ion	Ratio	Lower	Upper
94	100		
65	30.1	10.8	50.8
66	41.1	23.3	63.3



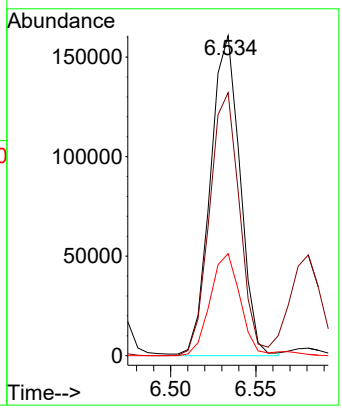


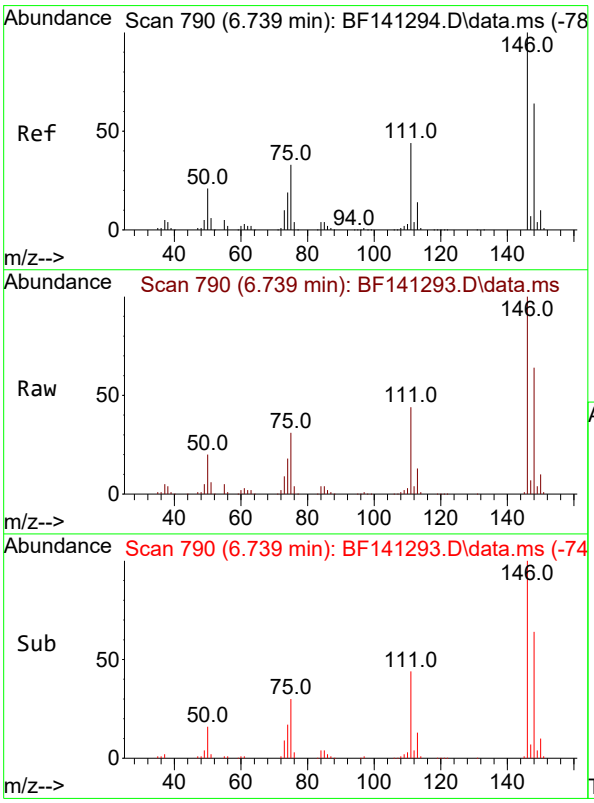
#11
bis(2-Chloroethyl)ether
Concen: 21.166 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 93 Resp: 194572

Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.0	105.0
95	31.9	12.4	52.4

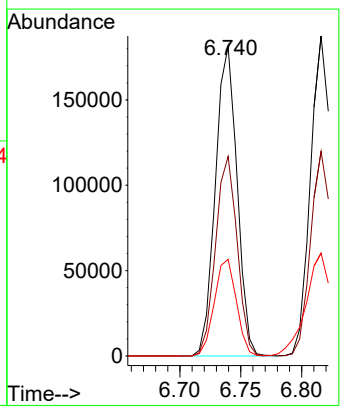


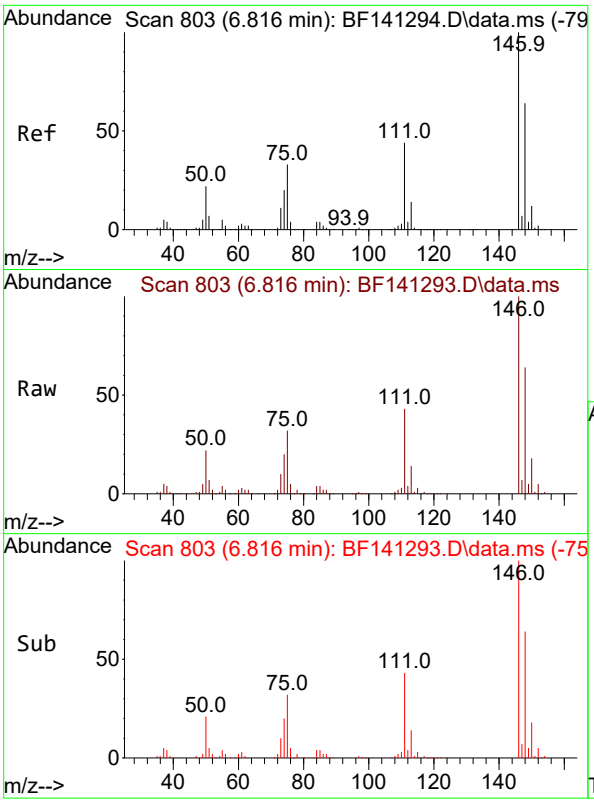


#12
1,3-Dichlorobenzene
Concen: 21.403 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 224880

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	31.2	26.2	39.4



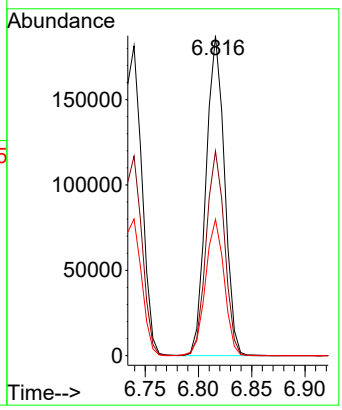


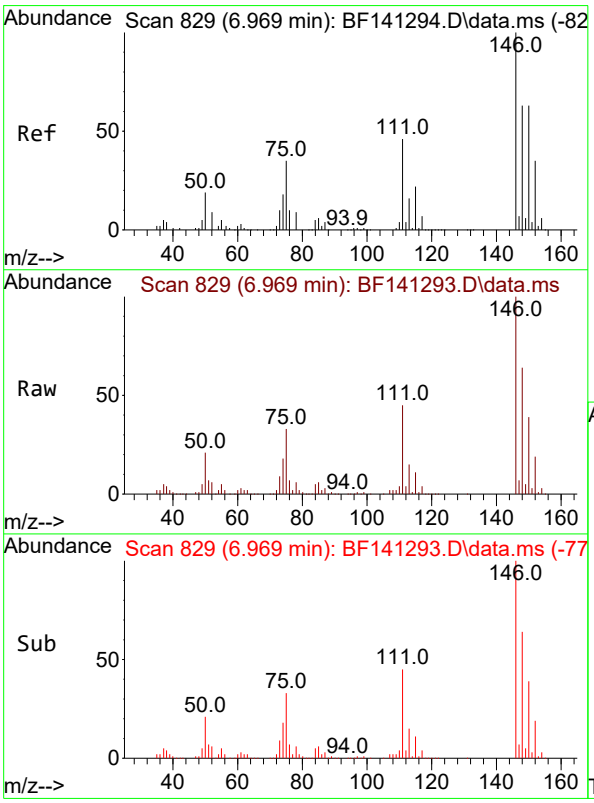
#13
1,4-Dichlorobenzene
Concen: 21.447 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:146 Resp: 226376

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	42.6	35.0	52.4

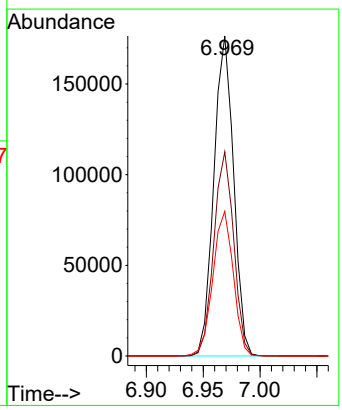


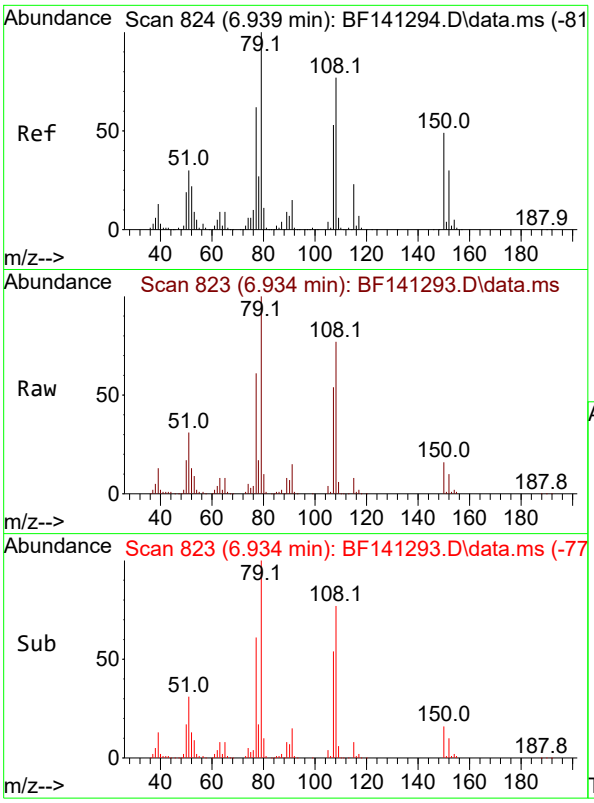


#14
1,2-Dichlorobenzene
Concen: 21.612 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:146 Resp: 213616

Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.5	75.7
111	45.2	36.6	55.0



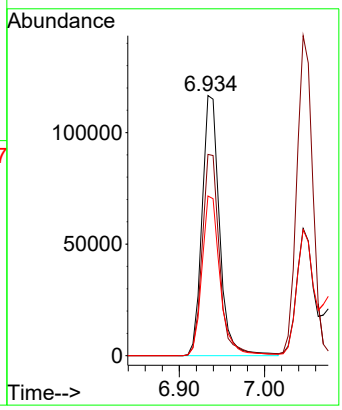


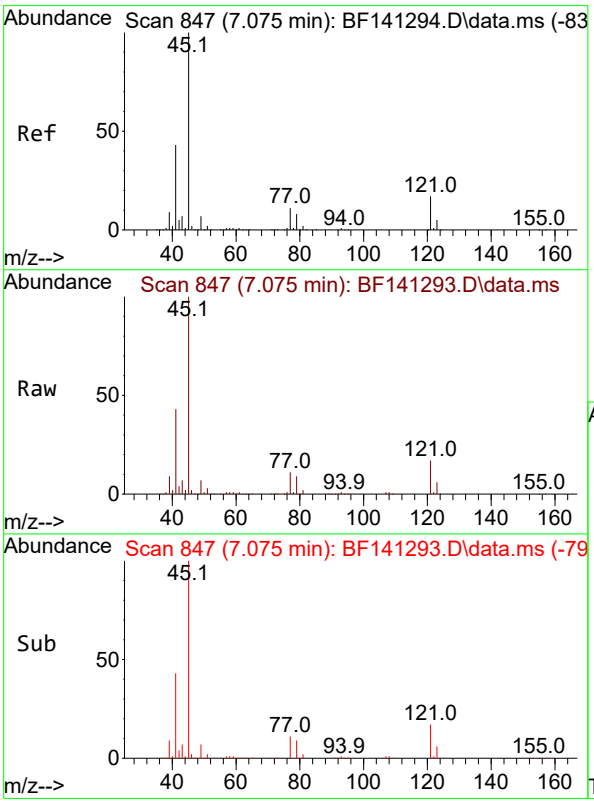
#15
Benzyl Alcohol
Concen: 21.478 ng
RT: 6.934 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 79 Resp: 166008

Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.4	92.0
77	61.4	49.9	74.9

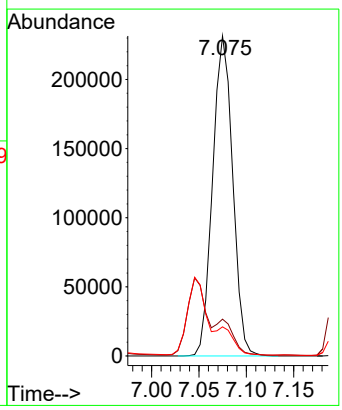


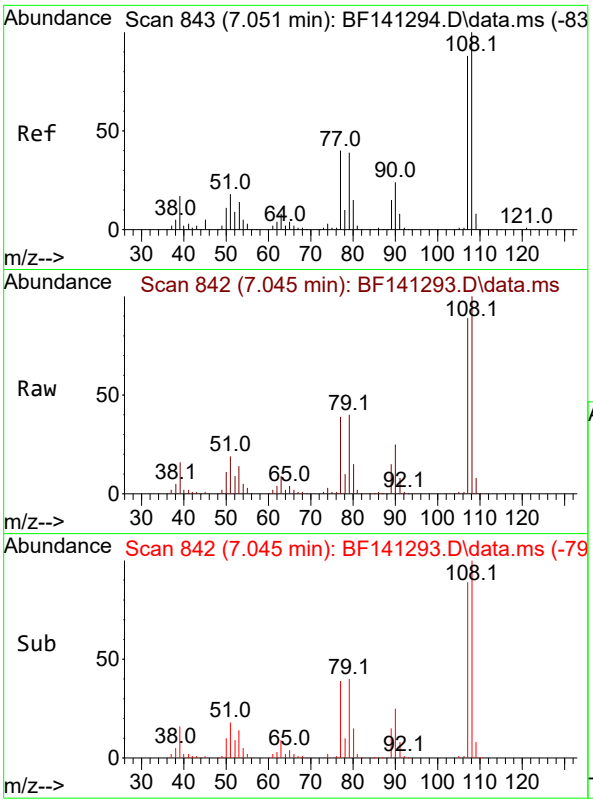


#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.306 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 45 Resp: 340590

Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	31.8
79	9.1	0.0	29.1



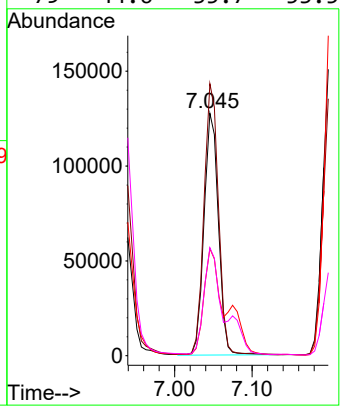


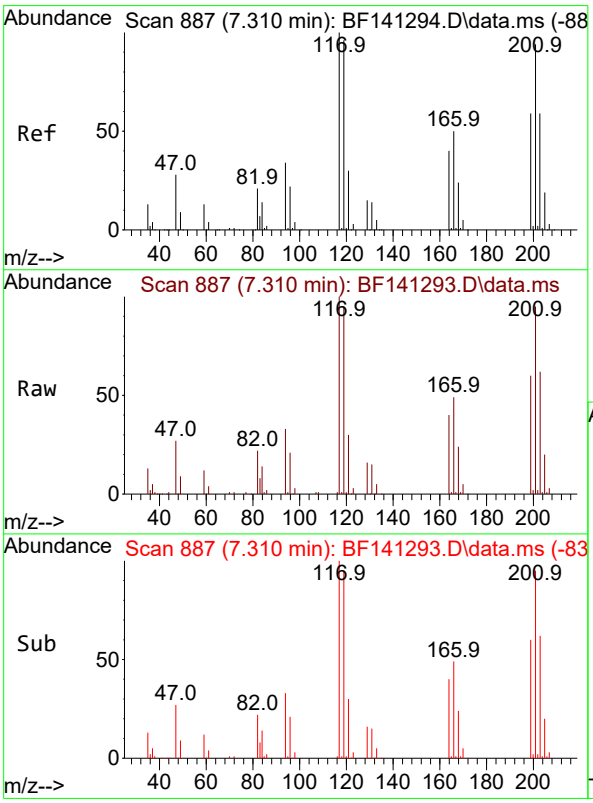
#17
2-Methylphenol
Concen: 21.329 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 165188

Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.8	136.2
77	44.2	36.2	54.4
79	44.6	35.7	53.5

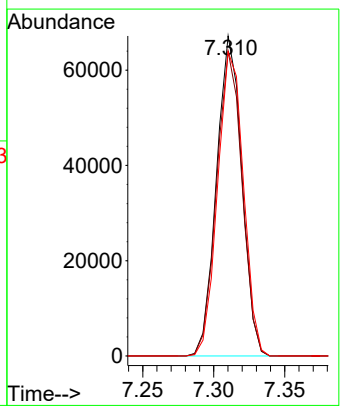


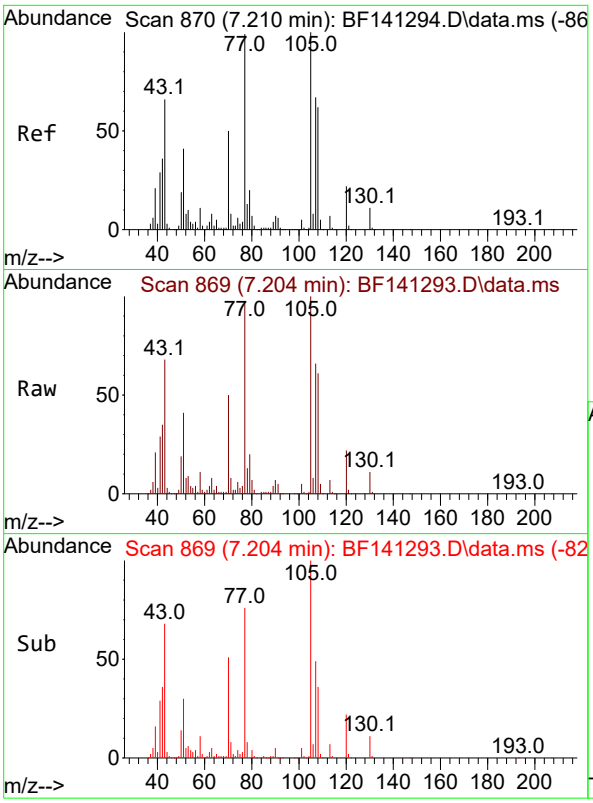


#18
Hexachloroethane
Concen: 21.365 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:117 Resp: 83193

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.6	114.8
201	95.1	74.8	112.2



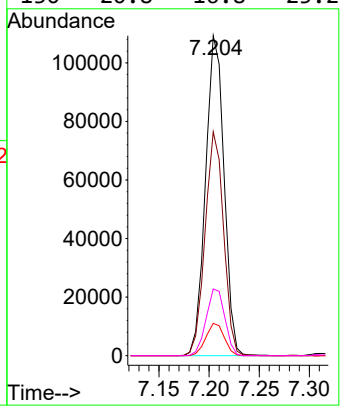


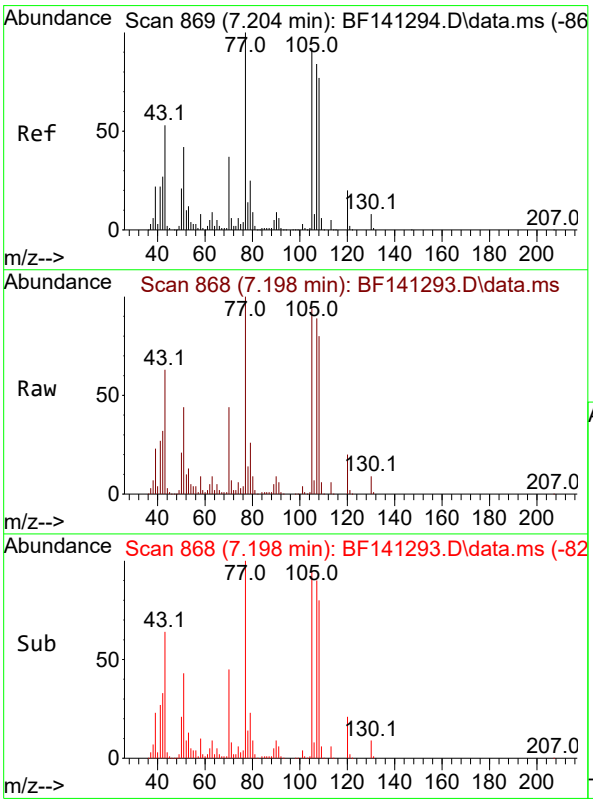
#19
n-Nitroso-di-n-propylamine
Concen: 20.962 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.024 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 140874

Ion	Ratio	Lower	Upper
70	100		
42	69.9	56.8	85.2
101	10.1	7.7	11.5
130	20.8	16.8	25.2

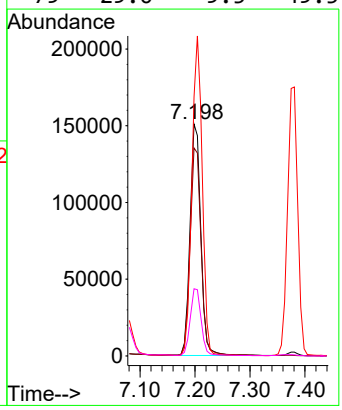


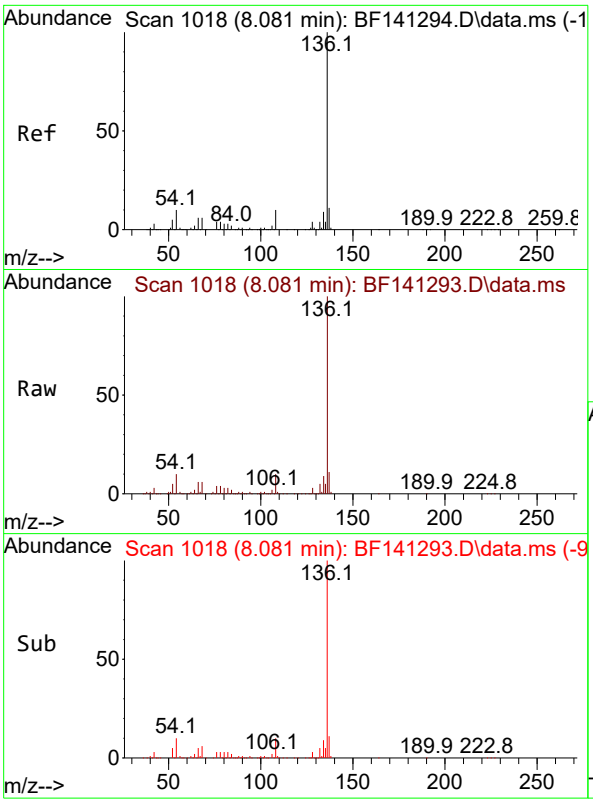


#20
3+4-Methylphenols
Concen: 21.565 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 205070

Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.9	110.9
77	111.7	98.5	138.5
79	29.0	9.5	49.5



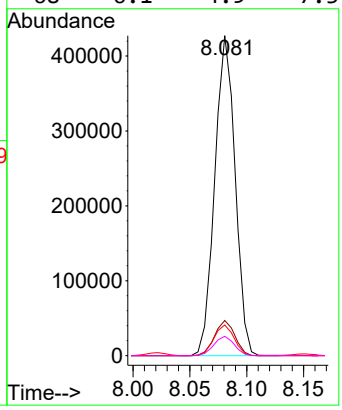


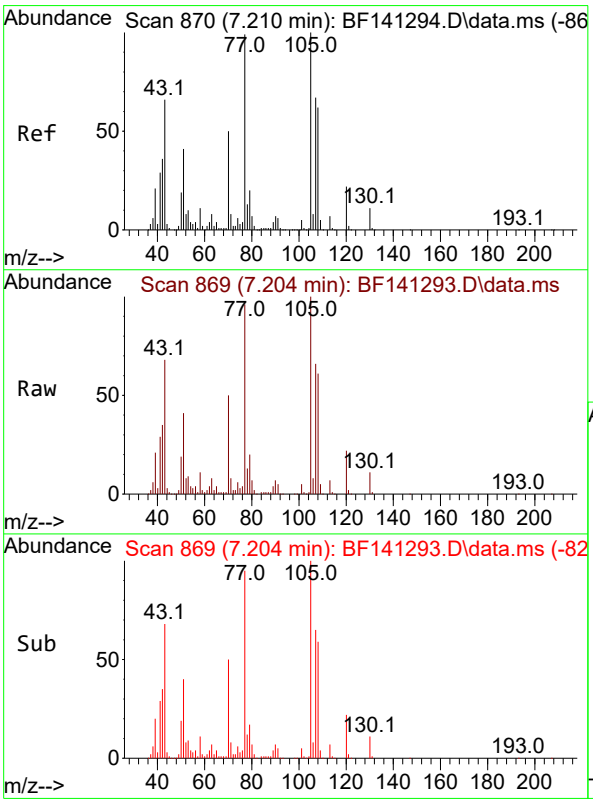
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 532862

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.6	7.8	11.8
68	6.1	4.9	7.3

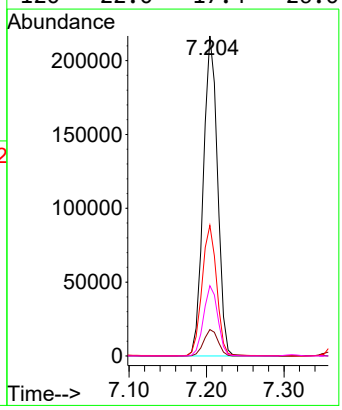


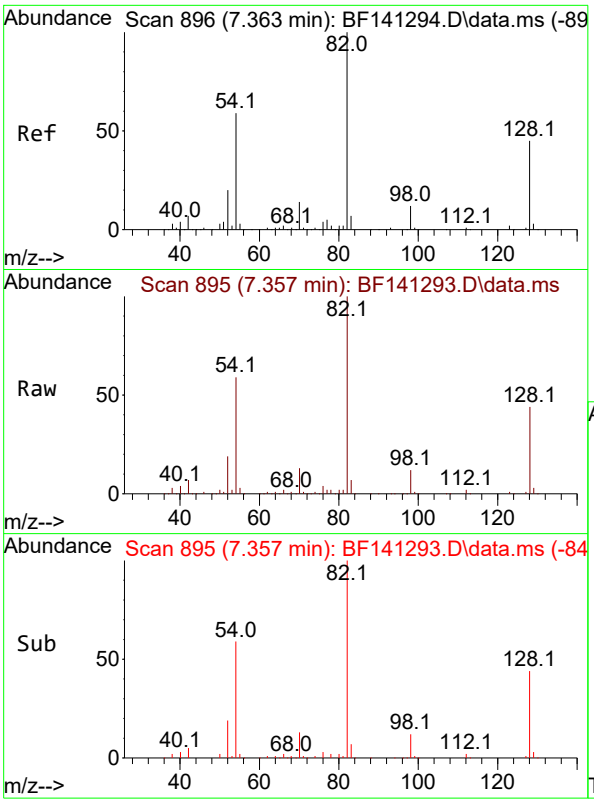


#22
Acetophenone
Concen: 21.765 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:105 Resp: 275680

Ion	Ratio	Lower	Upper
105	100		
71	8.2	6.8	10.2
51	40.8	32.6	49.0
120	22.0	17.4	26.0



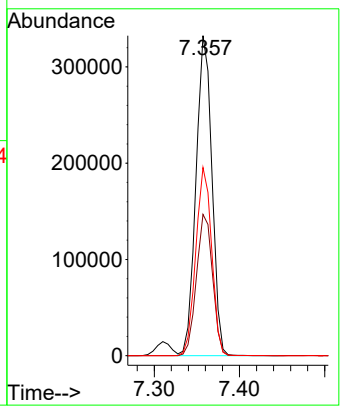


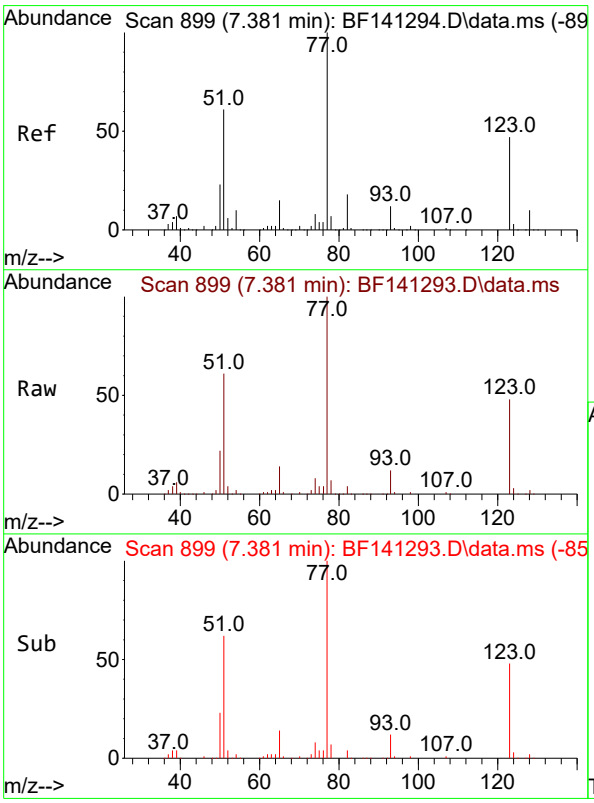
#23
Nitrobenzene-d5
Concen: 42.754 ng
RT: 7.357 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 432160

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7

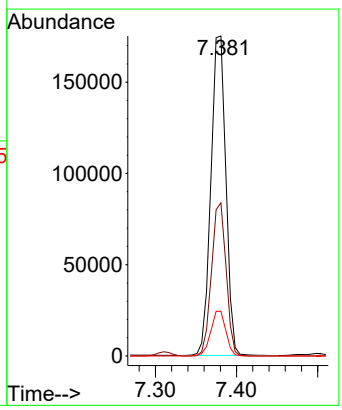


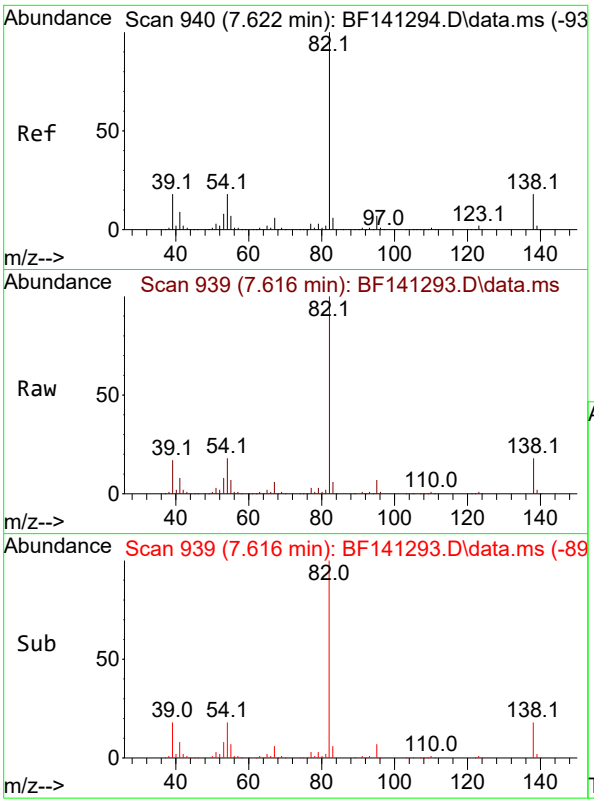


#24
Nitrobenzene
Concen: 21.390 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 77 Resp: 224061

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.3	55.9
65	13.9	11.8	17.6



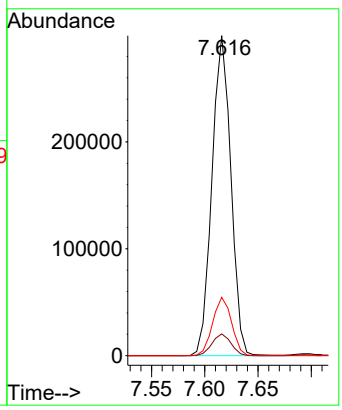


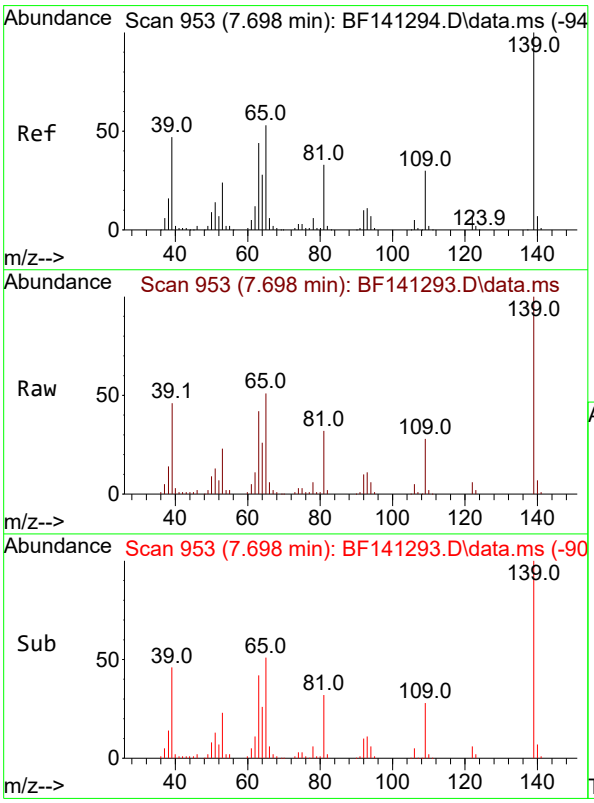
#25
Isophorone
Concen: 21.176 ng
RT: 7.616 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 369998

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.2	14.7	22.1

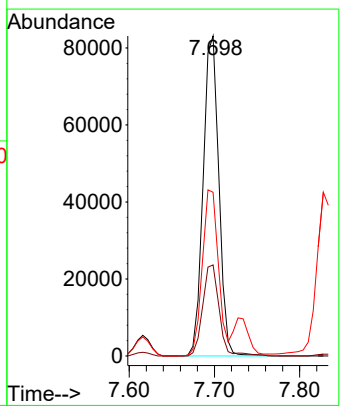


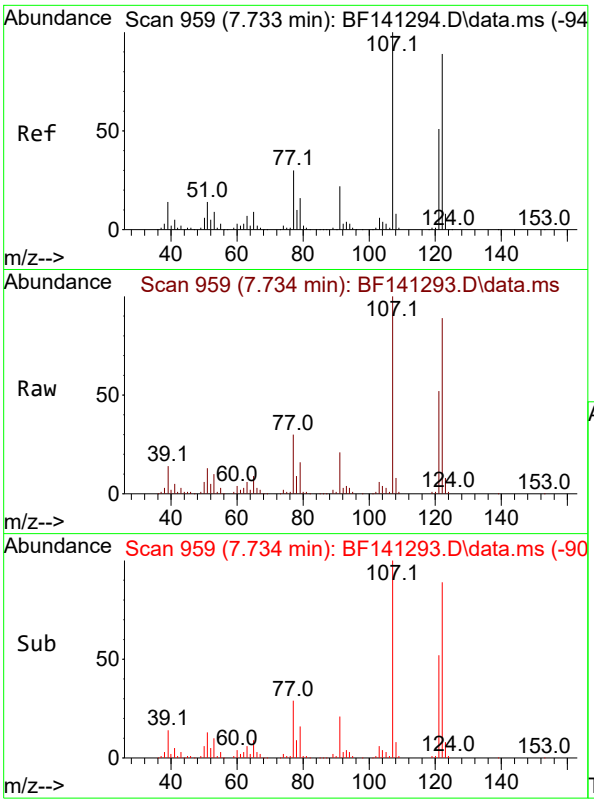


#26
2-Nitrophenol
Concen: 21.515 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 106287

Ion	Ratio	Lower	Upper
139	100		
109	28.5	23.8	35.6
65	51.2	42.2	63.4



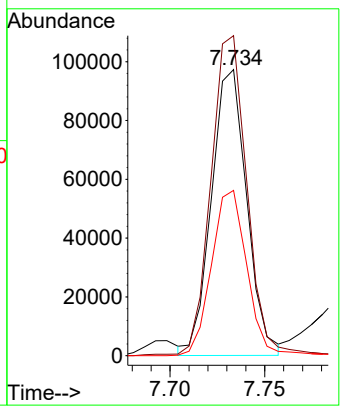


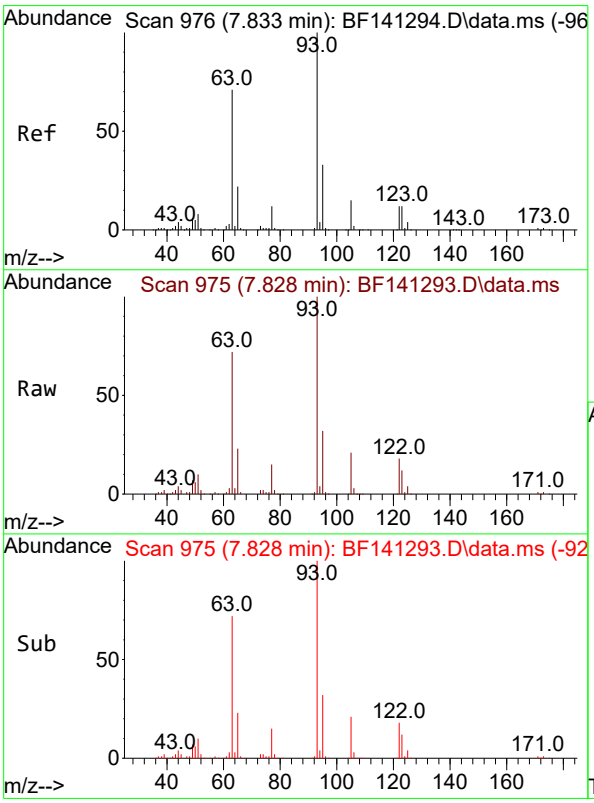
#27
2,4-Dimethylphenol
Concen: 20.083 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:122 Resp: 126282

Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.9	134.9
121	57.8	46.1	69.1

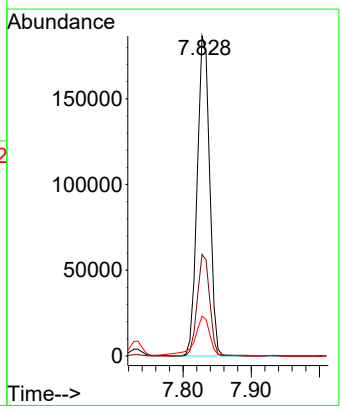


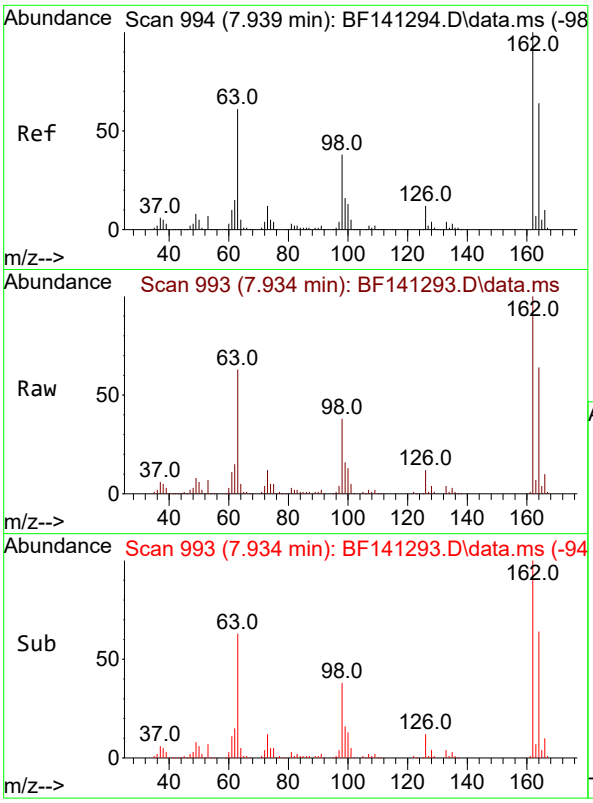


#28
bis(2-Chloroethoxy)methane
Concen: 21.298 ng
RT: 7.828 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 93 Resp: 237369

Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.2
123	12.5	10.2	15.4



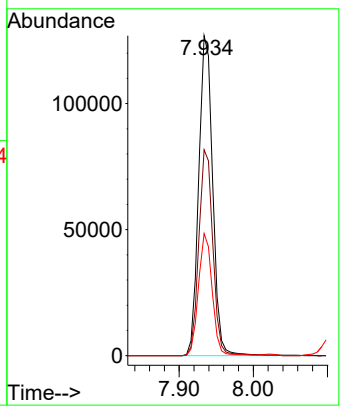


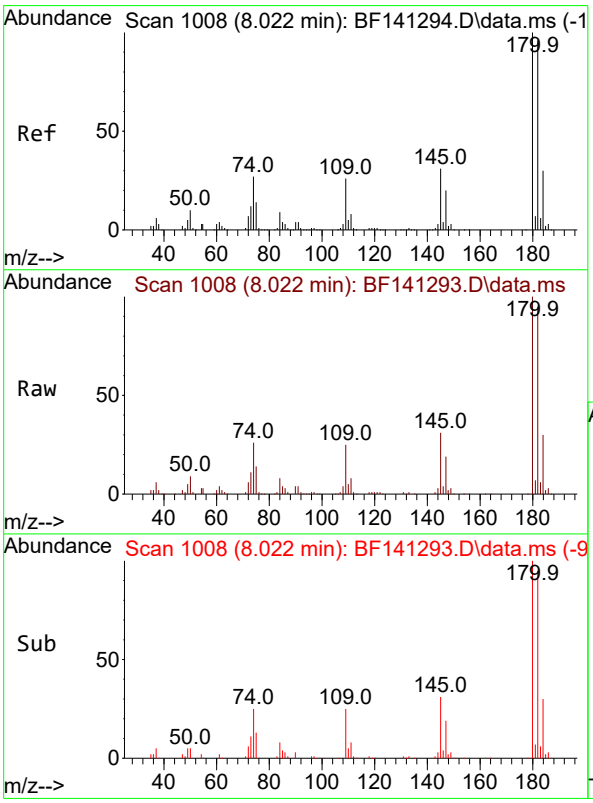
#29
2,4-Dichlorophenol
Concen: 21.584 ng
RT: 7.934 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 166153

Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.2	84.2
98	38.1	18.2	58.2

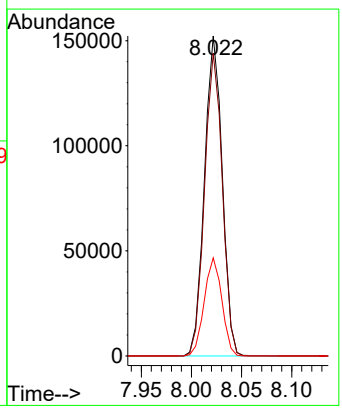


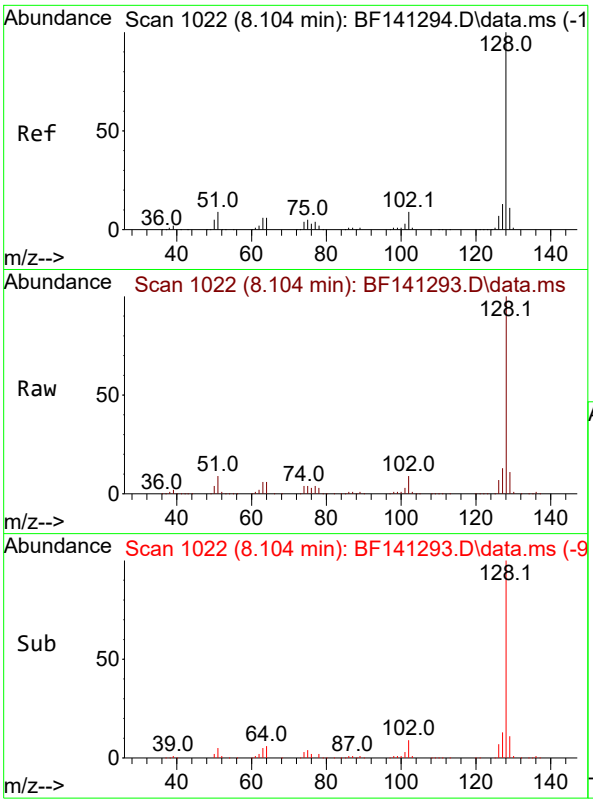


#30
1,2,4-Trichlorobenzene
Concen: 21.438 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:180 Resp: 188468

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
145	30.6	24.9	37.3



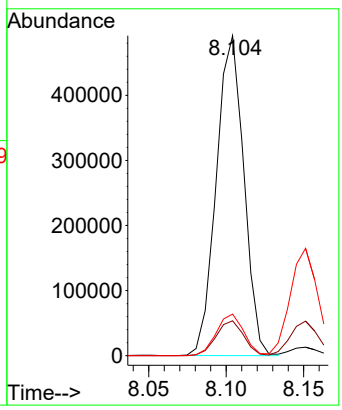


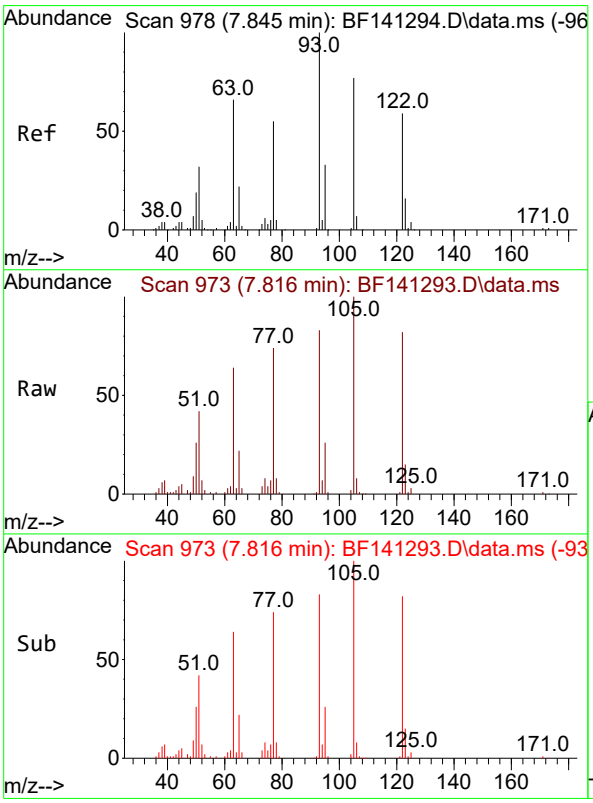
#31
Naphthalene
Concen: 21.585 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 607622

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.6	15.8

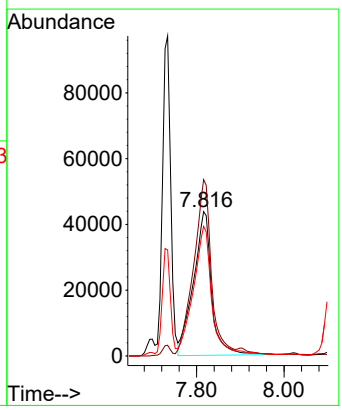


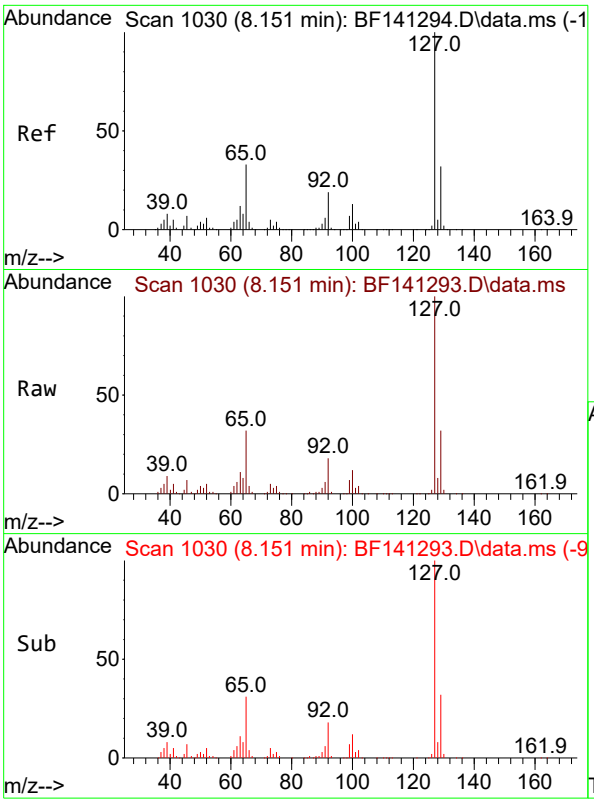


#32
Benzoic acid
Concen: 21.925 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.065 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:122 Resp: 126734

Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.4	143.4
77	89.9	70.9	110.9



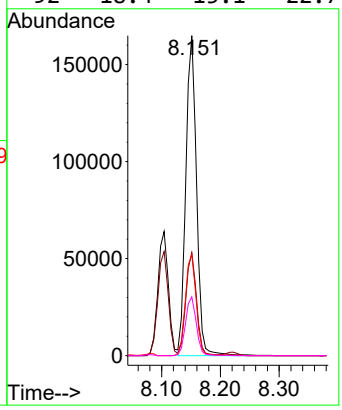


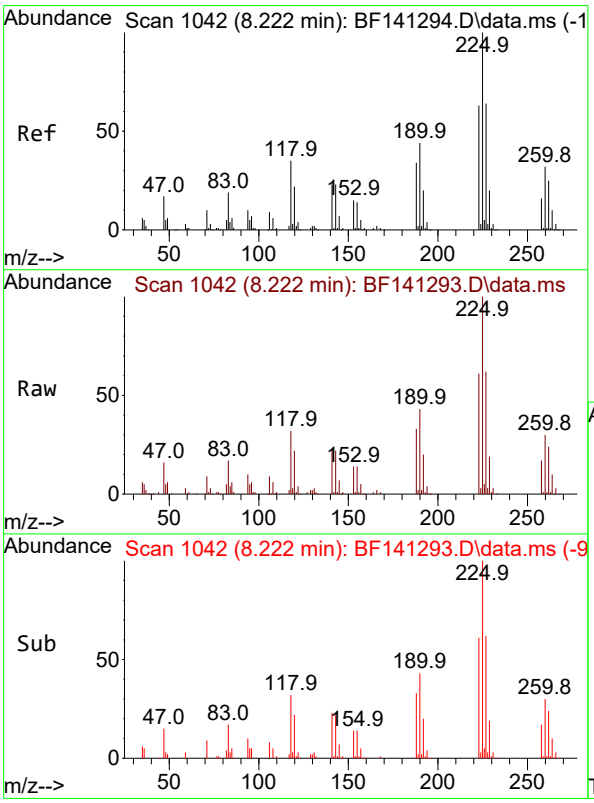
#33
4-Chloroaniline
Concen: 21.846 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:127 Resp: 208531

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.6	26.4	39.6
92	18.4	15.1	22.7

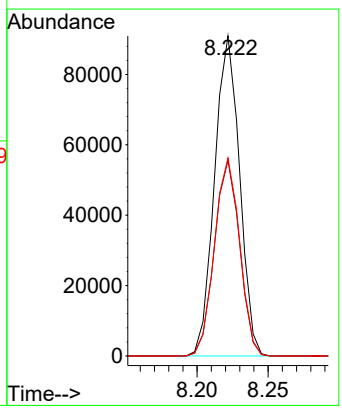


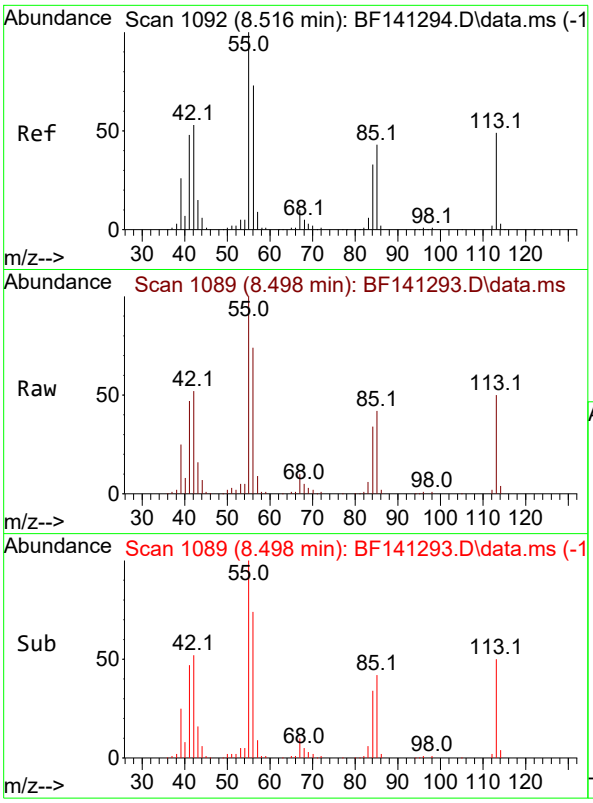


#34
Hexachlorobutadiene
Concen: 21.583 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:225 Resp: 111274

Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.4	75.6
227	61.9	51.3	76.9



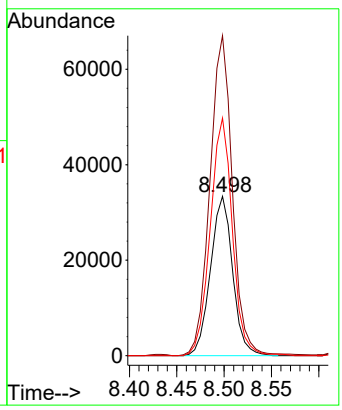


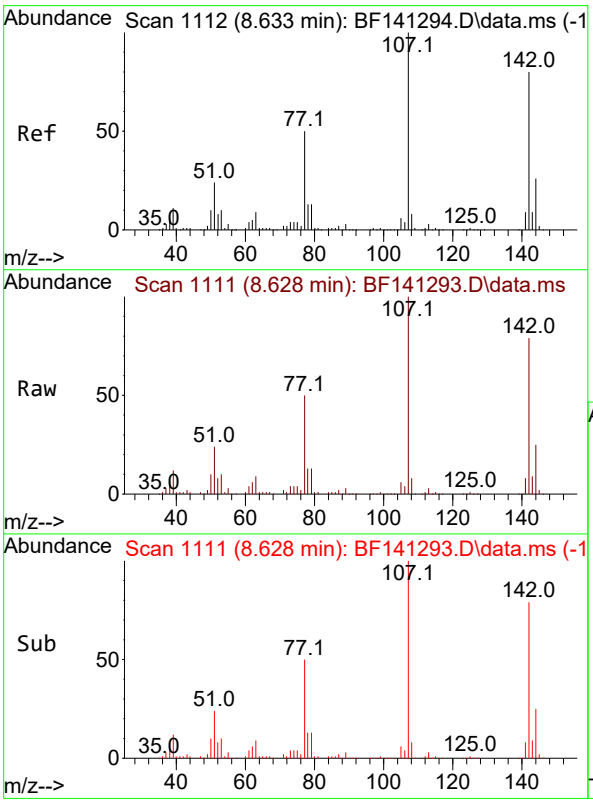
#35
Caprolactam
Concen: 21.591 ng
RT: 8.498 min Scan# 1
Delta R.T. -0.047 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 54280

Ion	Ratio	Lower	Upper
113	100		
55	200.9	182.9	222.9
56	149.2	127.9	167.9

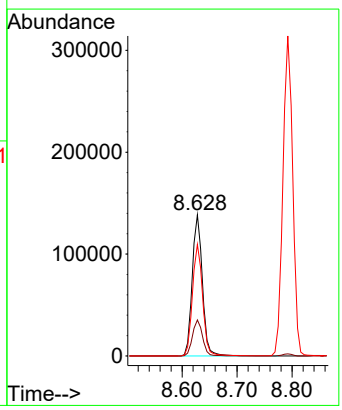


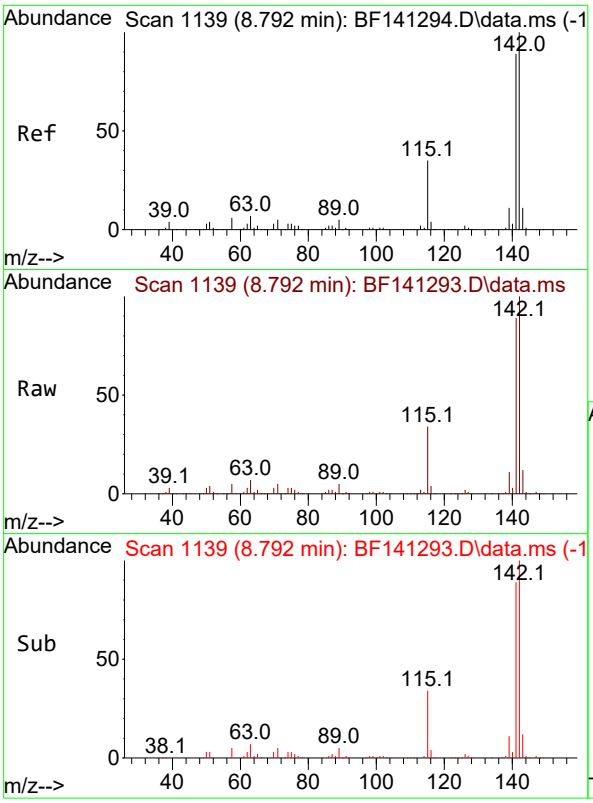


#36
4-Chloro-3-methylphenol
Concen: 21.555 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:107 Resp: 177981

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.7	31.1
142	79.0	63.8	95.8



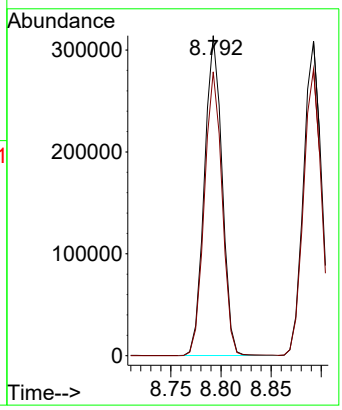


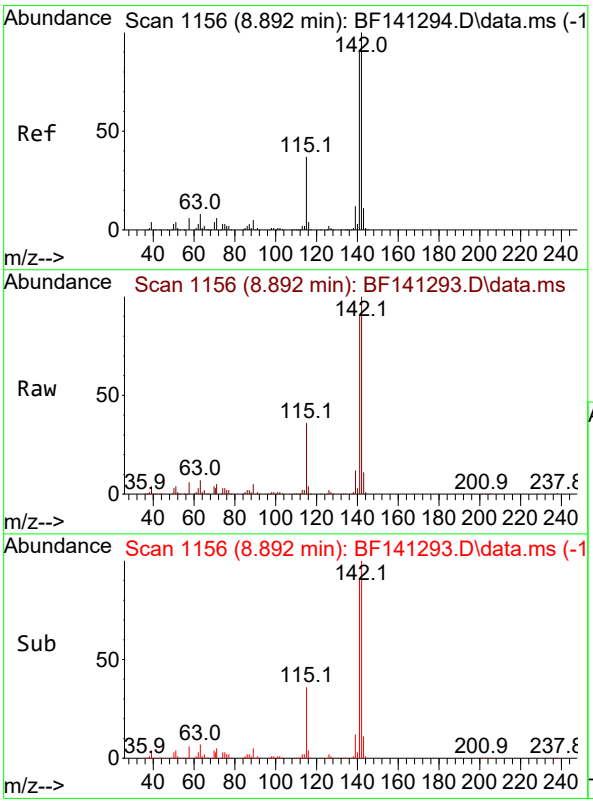
#37
2-Methylnaphthalene
Concen: 21.576 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:142 Resp: 386035

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9

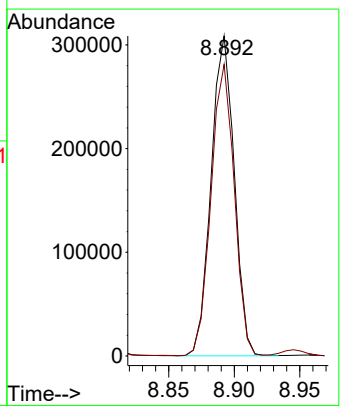


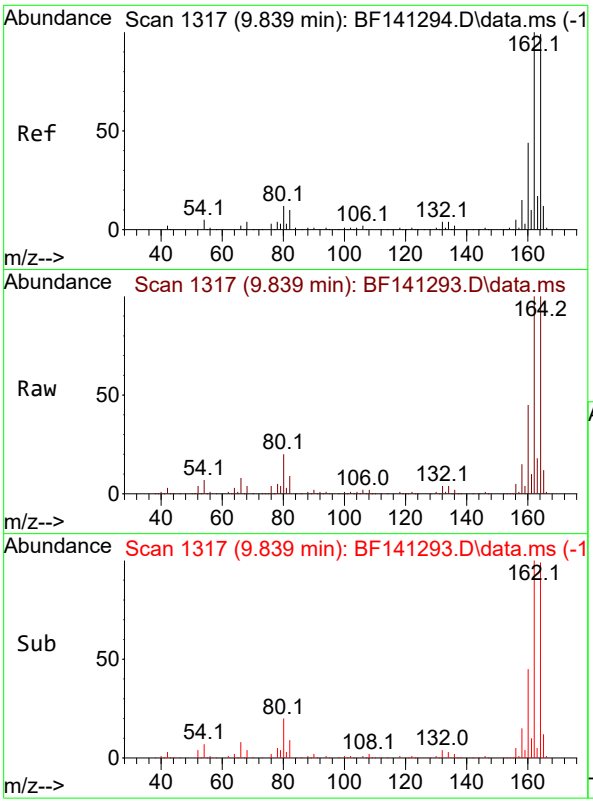


#38
1-Methylnaphthalene
Concen: 21.558 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:142 Resp: 378878

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8



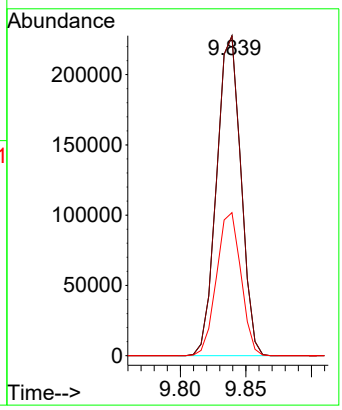


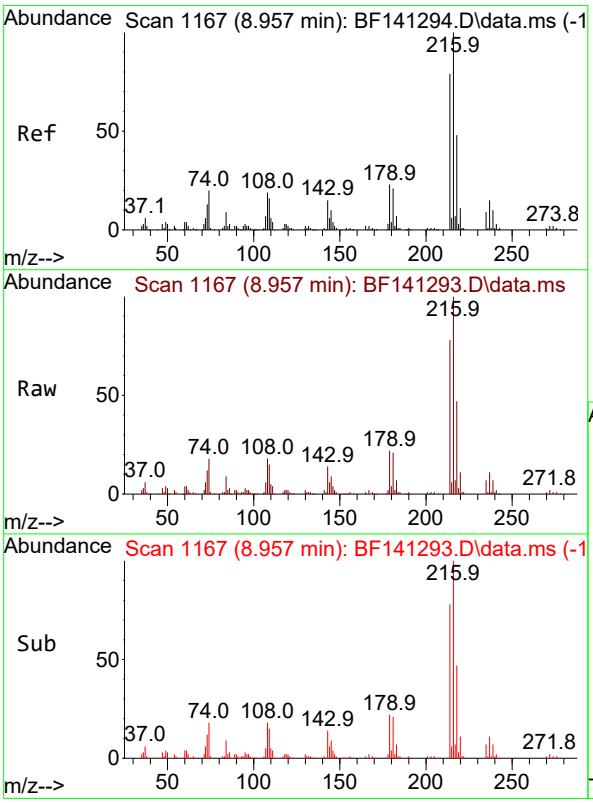
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:164 Resp: 293084

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	44.7	35.8	53.6

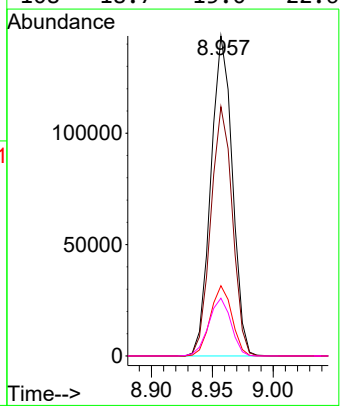


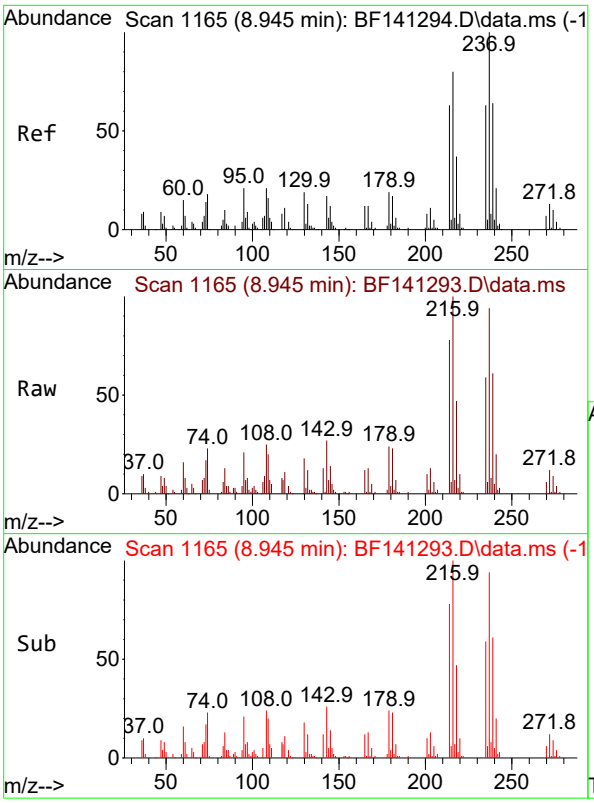


#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.197 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:216 Resp: 176736

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.2	94.8
179	21.9	17.8	26.8
108	18.7	15.0	22.6



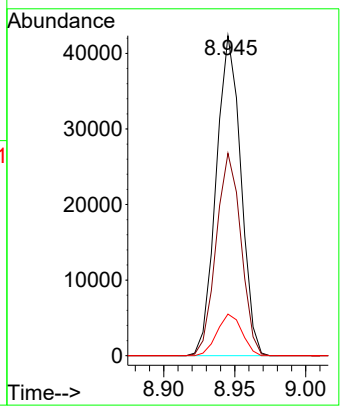


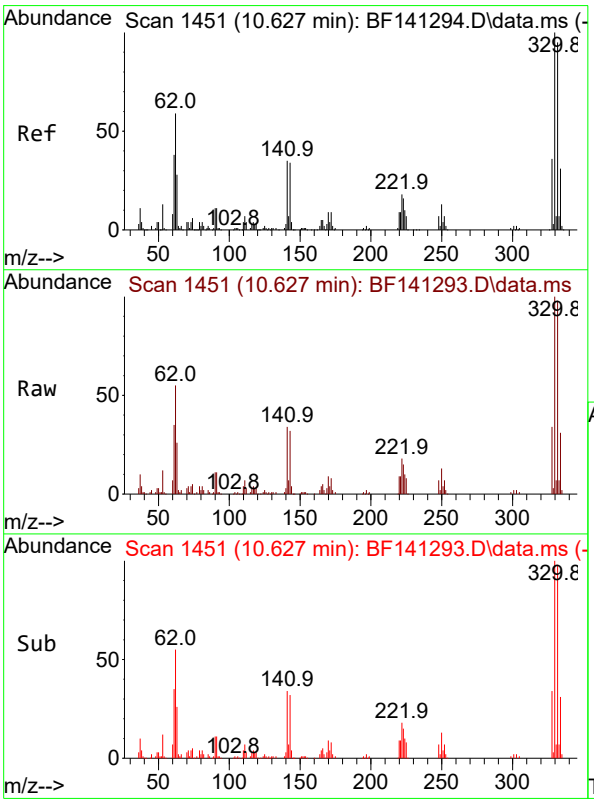
#41
Hexachlorocyclopentadiene
Concen: 20.757 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:237 Resp: 51112

Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.9	82.9
272	13.0	0.0	32.8

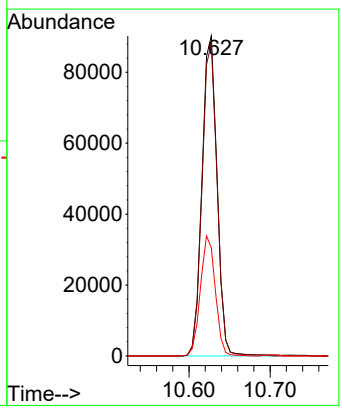


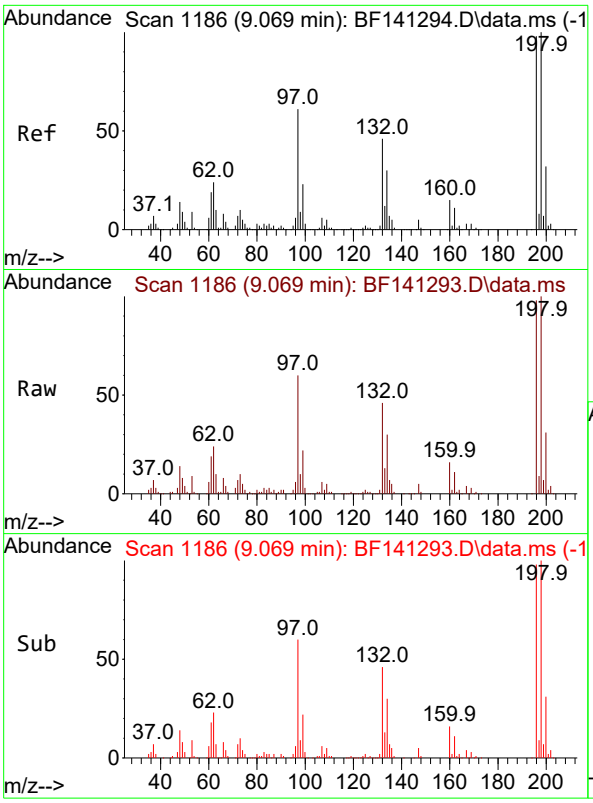


#42
2,4,6-Tribromophenol
Concen: 43.234 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:330 Resp: 116167

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.1	114.1
141	37.2	28.8	43.2



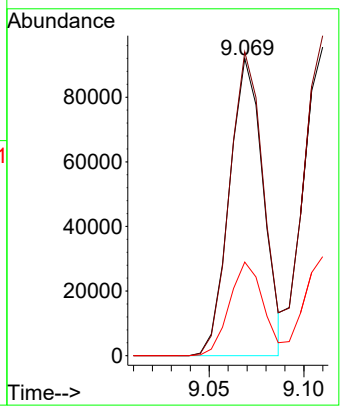


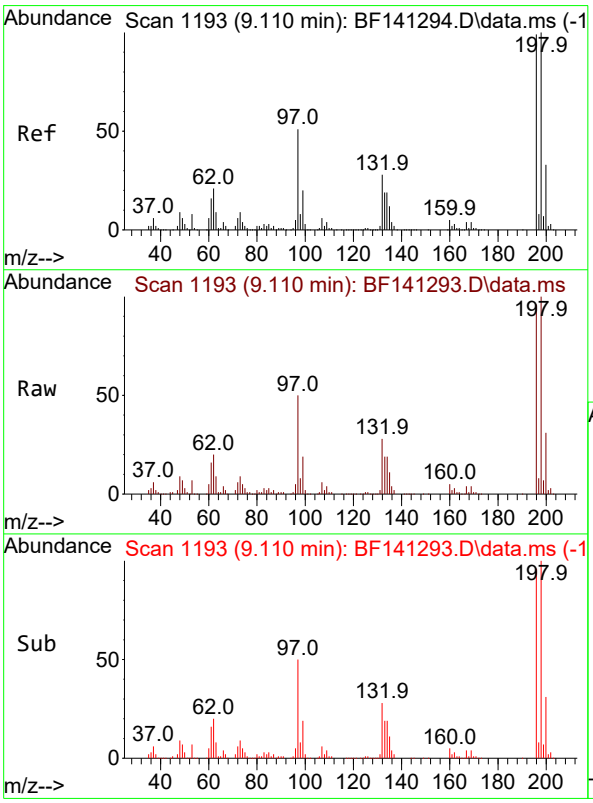
#43
2,4,6-Trichlorophenol
Concen: 20.960 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:196 Resp: 114390

Ion	Ratio	Lower	Upper
196	100		
198	102.3	81.8	122.6
200	31.5	26.3	39.5

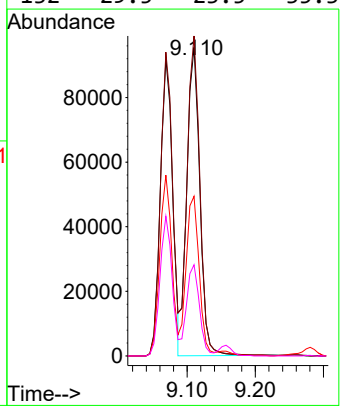


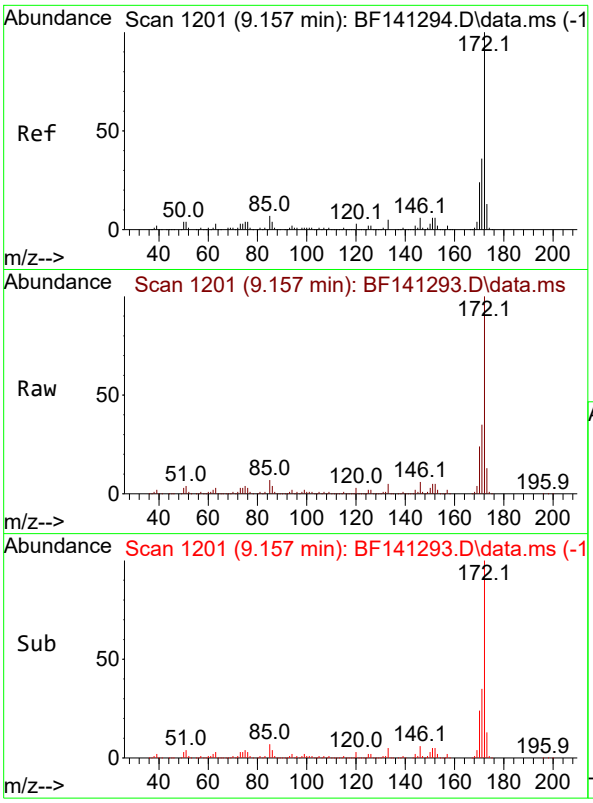


#44
2,4,5-Trichlorophenol
Concen: 21.166 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:196 Resp: 125725

Ion	Ratio	Lower	Upper
196	100		
198	103.7	80.5	120.7
97	51.8	42.8	64.2
132	29.5	23.5	35.3



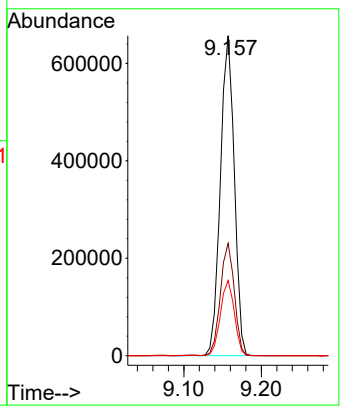


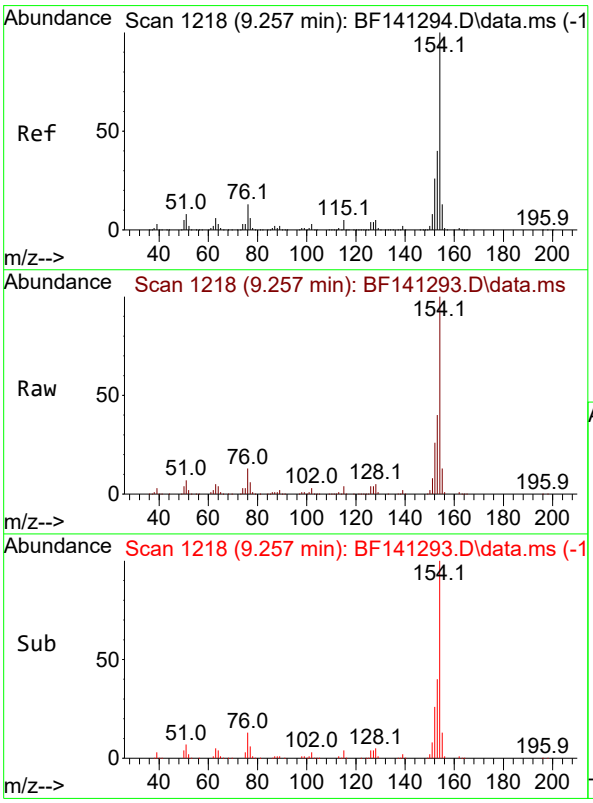
#45
2-Fluorobiphenyl
Concen: 43.031 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:172 Resp: 819371

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.8	43.2
170	23.5	19.0	28.6

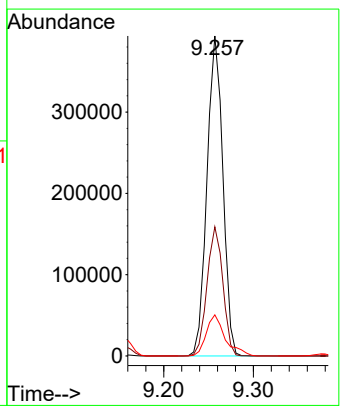


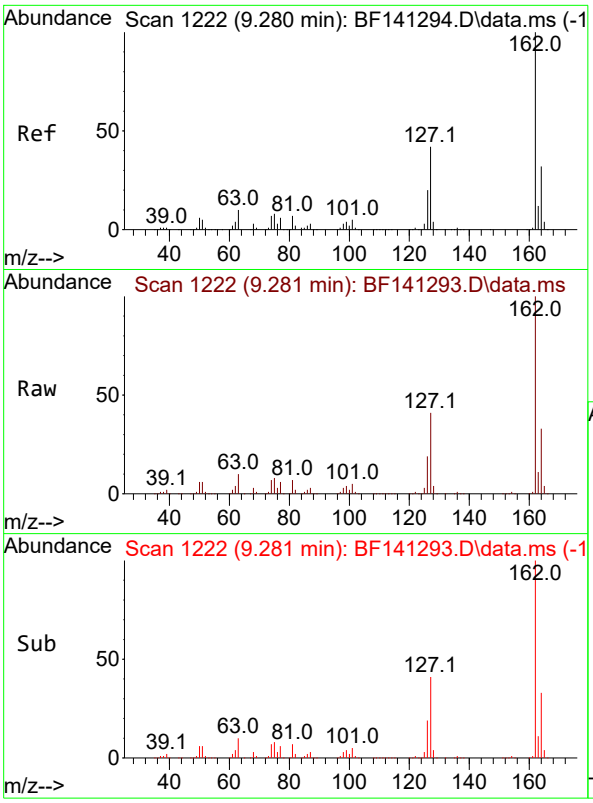


#46
1,1'-Biphenyl
Concen: 21.152 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 483479

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.0	60.0
76	12.8	0.0	32.8



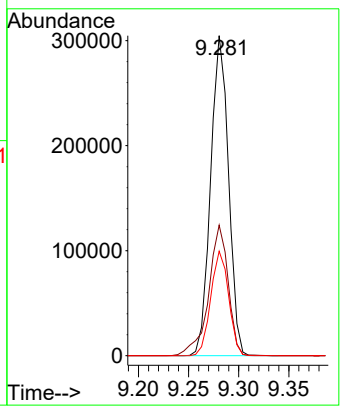


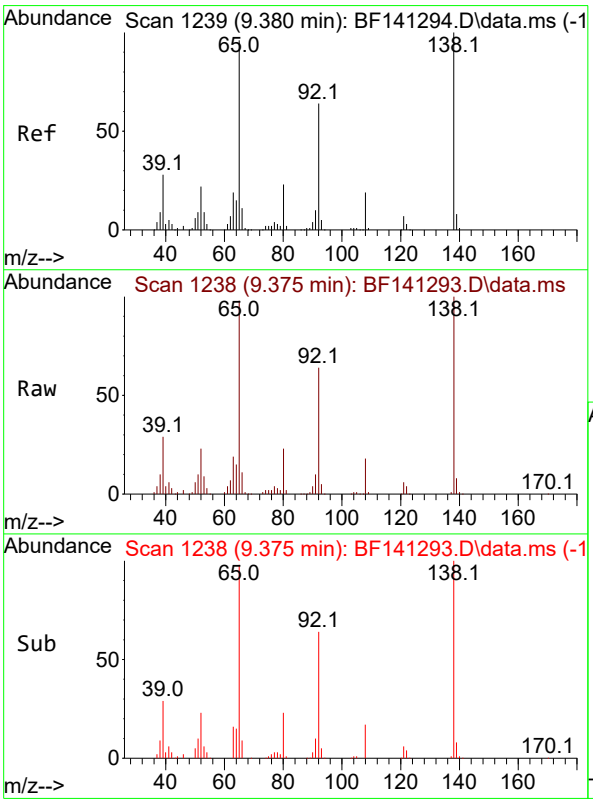
#47
2-Chloronaphthalene
Concen: 21.214 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:162 Resp: 377946

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	32.7	25.9	38.9

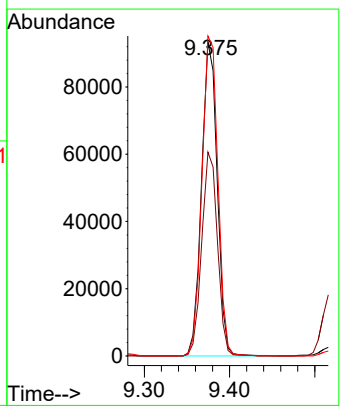


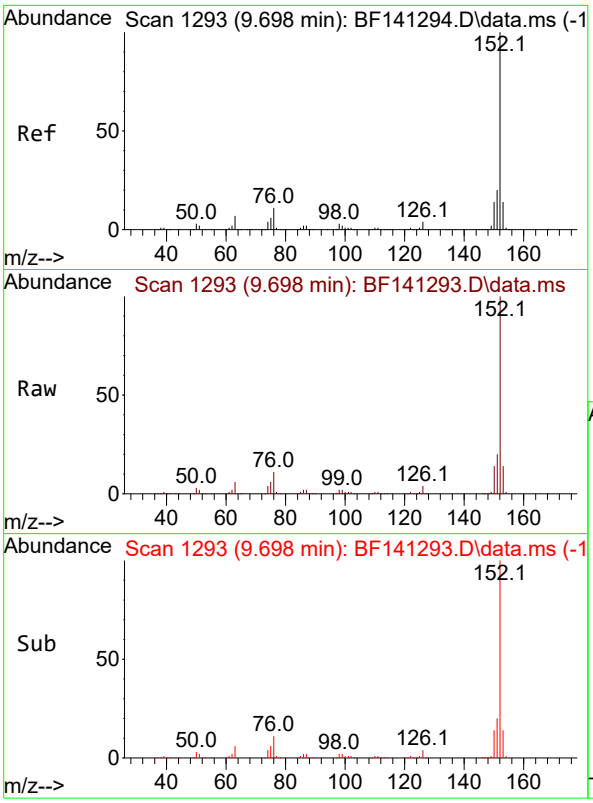


#48
2-Nitroaniline
Concen: 21.300 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion: 65 Resp: 119359

Ion	Ratio	Lower	Upper
65	100		
92	64.9	53.3	79.9
138	102.0	83.6	125.4



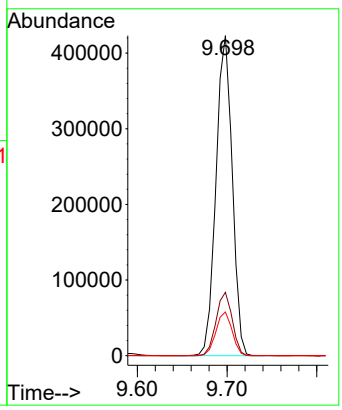


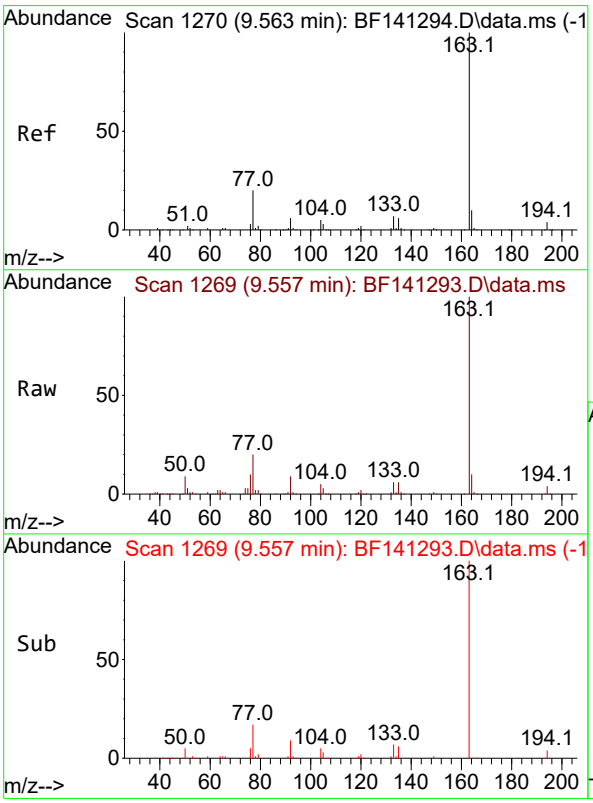
#49
Acenaphthylene
Concen: 21.330 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 531957

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.7	11.0	16.6

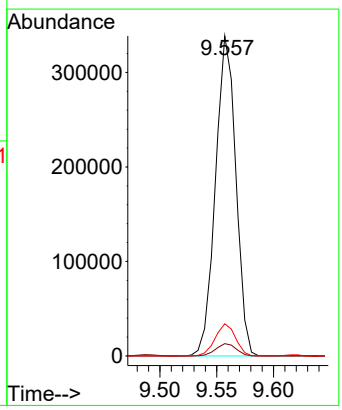


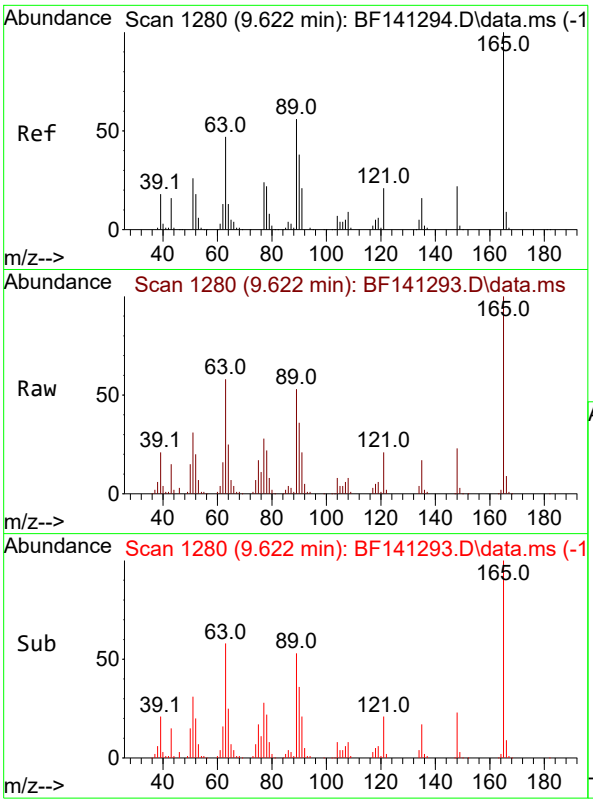


#50
Dimethylphthalate
Concen: 21.388 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:163 Resp: 423377

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.0	8.0	12.0



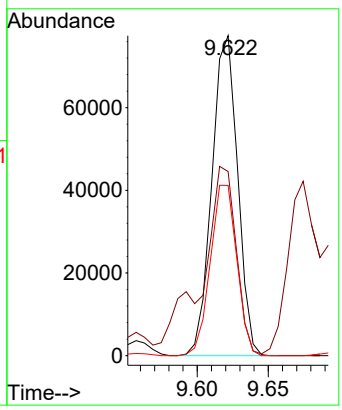


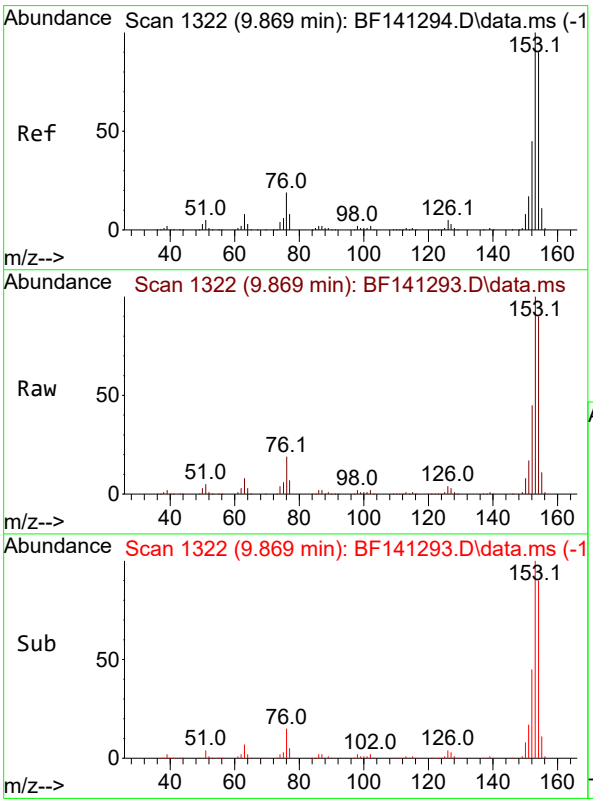
#51
2,6-Dinitrotoluene
Concen: 21.240 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 97622

Ion	Ratio	Lower	Upper
165	100		
63	57.6	48.1	72.1
89	53.2	44.9	67.3

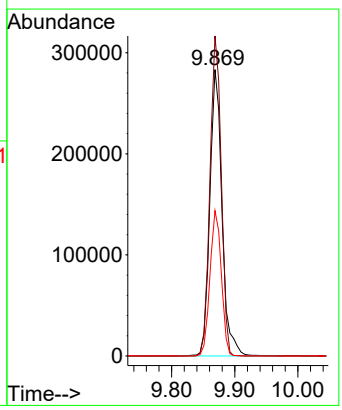


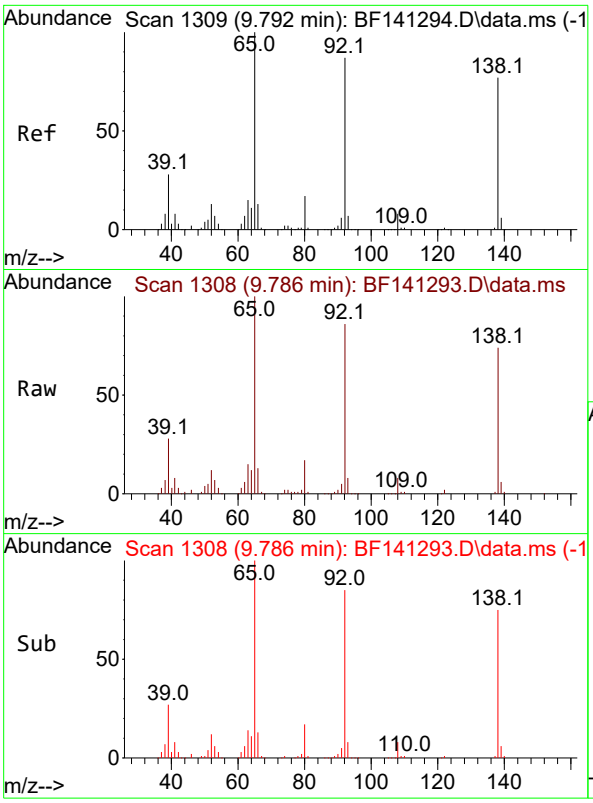


#52
Acenaphthene
Concen: 21.245 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:154 Resp: 378511

Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.0	133.4
152	50.7	40.2	60.4



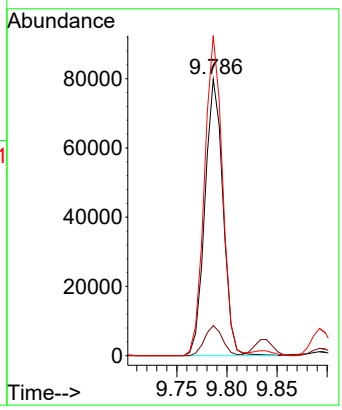


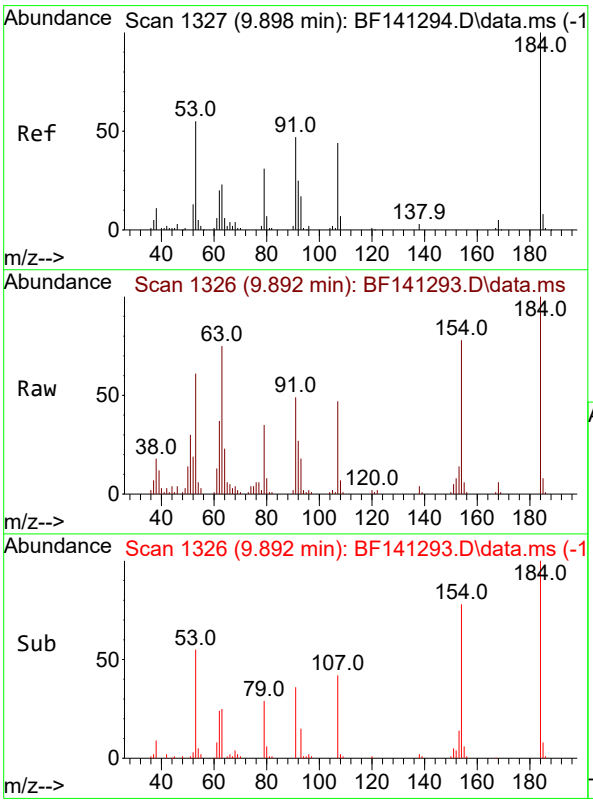
#53
3-Nitroaniline
Concen: 22.218 ng
RT: 9.786 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:138 Resp: 100085

Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	12.8
92	115.8	91.0	136.6

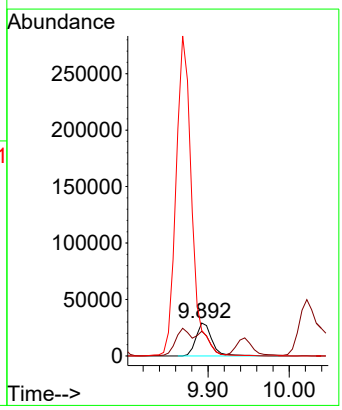


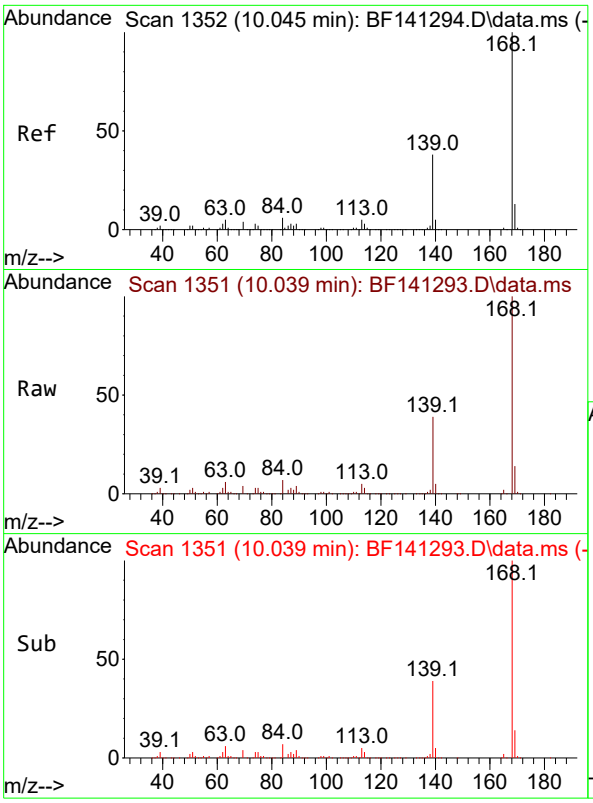


#54
2,4-Dinitrophenol
Concen: 18.723 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:184 Resp: 40003

Ion	Ratio	Lower	Upper
184	100		
63	75.1	54.1	81.1
154	78.0	50.7	76.1#



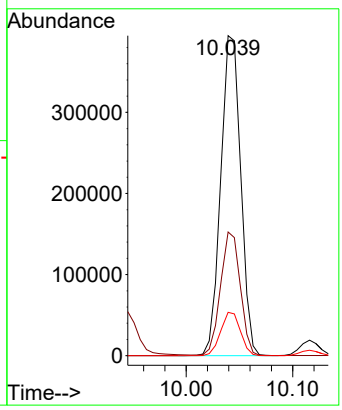


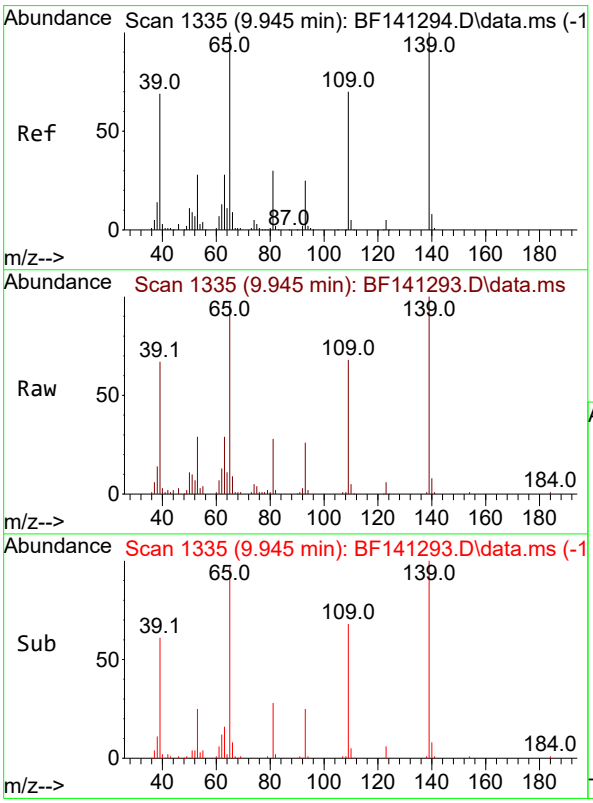
#55
Dibenzofuran
Concen: 21.562 ng
RT: 10.039 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:168 Resp: 514223

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.6	46.0
169	13.5	10.8	16.2

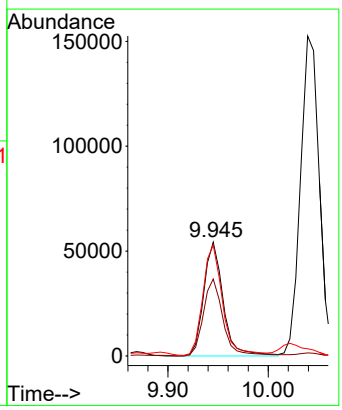


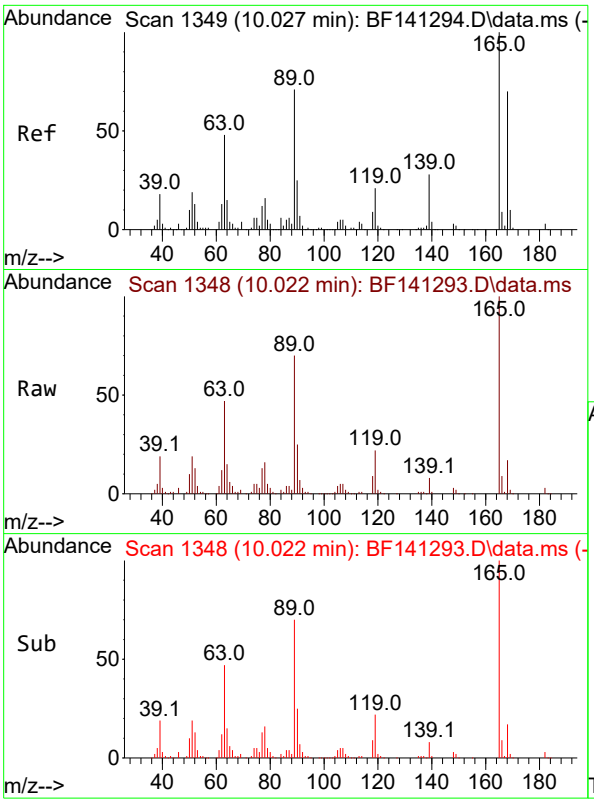


#56
4-Nitrophenol
Concen: 22.287 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:139 Resp: 73425

Ion	Ratio	Lower	Upper
139	100		
109	67.7	50.2	90.2
65	97.5	80.6	120.6



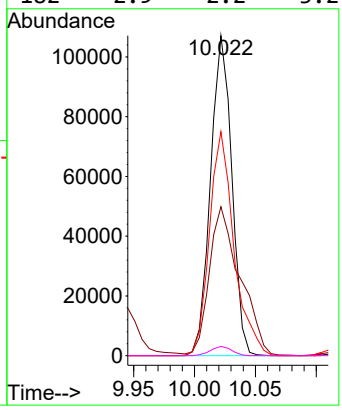


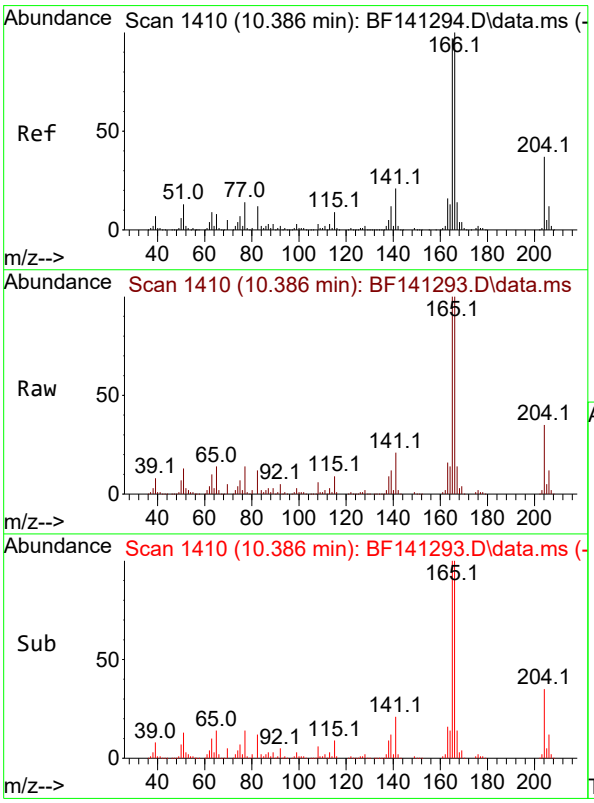
#57
2,4-Dinitrotoluene
Concen: 21.836 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 129942

Ion	Ratio	Lower	Upper
165	100		
63	46.6	39.2	58.8
89	70.0	56.9	85.3
182	2.9	2.2	3.2

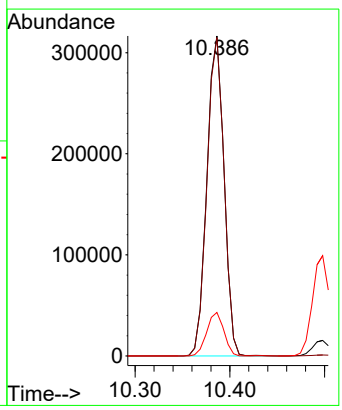


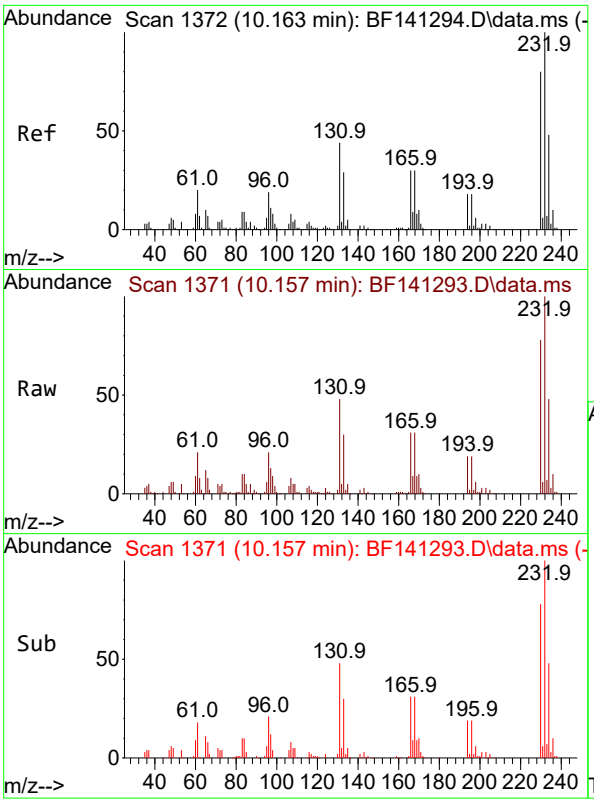


#58
Fluorene
Concen: 21.435 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:166 Resp: 396520

Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.5	116.3
167	13.6	10.9	16.3



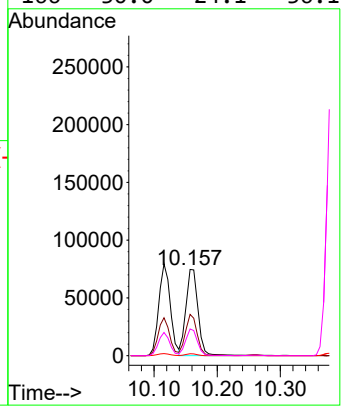


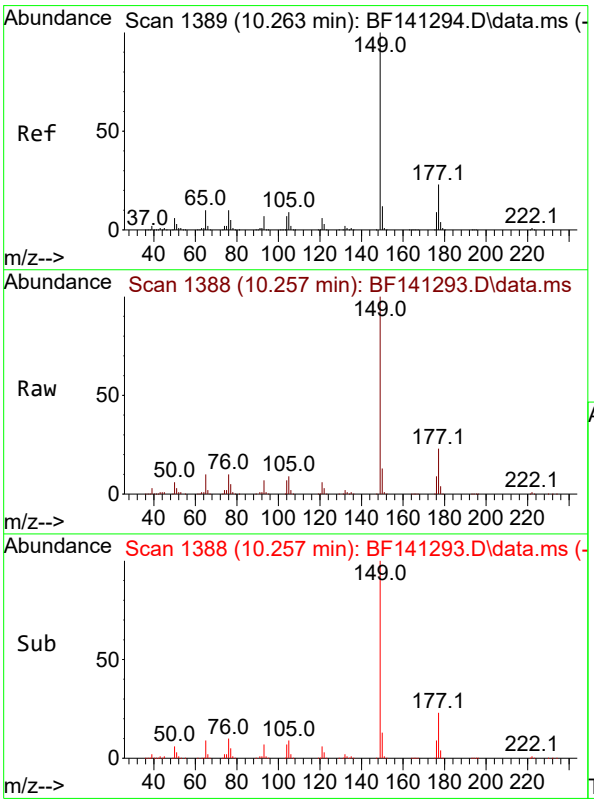
#59
2,3,4,6-Tetrachlorophenol
Concen: 21.366 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:232 Resp: 99841

Ion	Ratio	Lower	Upper
232	100		
131	46.1	36.4	54.6
130	2.0	1.9	2.9
166	30.0	24.1	36.1

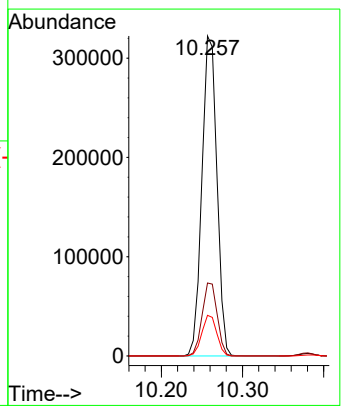


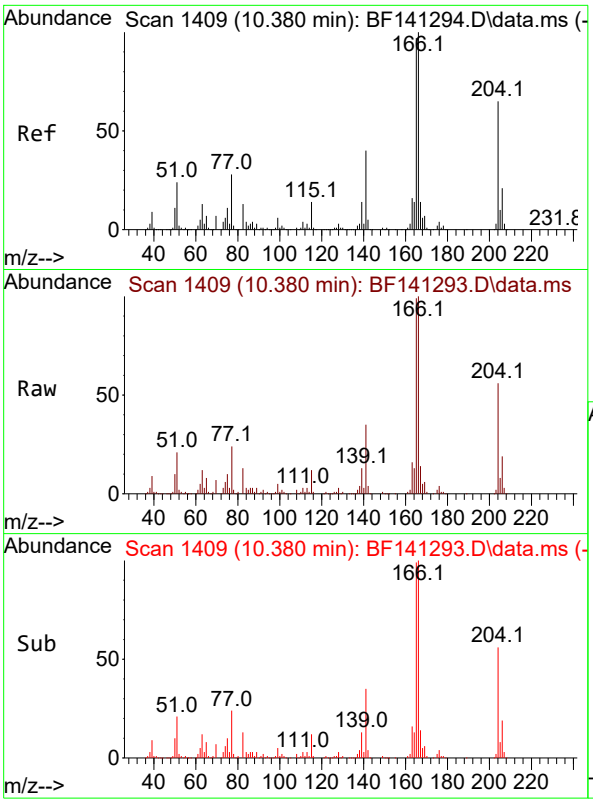


#60
Diethylphthalate
Concen: 21.564 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 413889

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.7	10.0	15.0



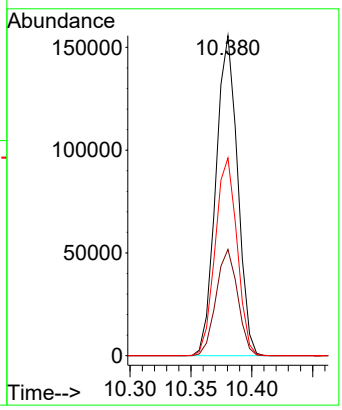


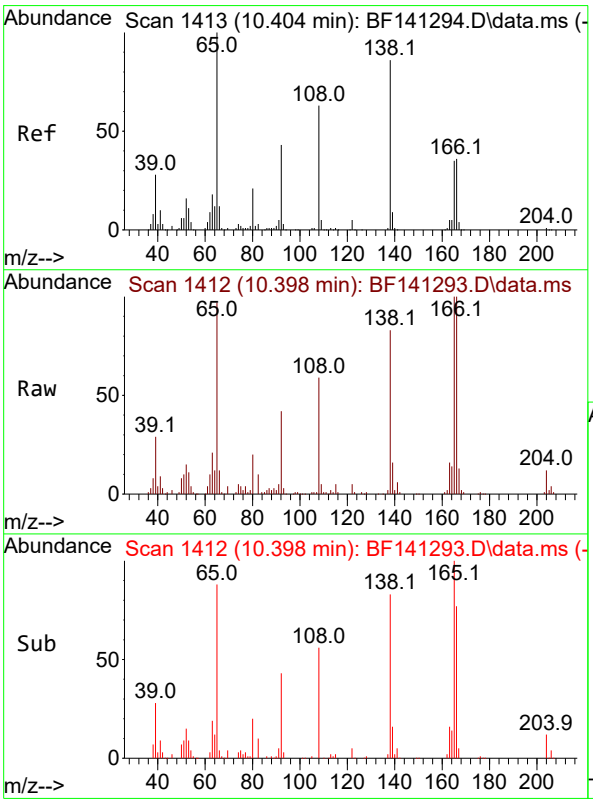
#61
4-Chlorophenyl-phenylether
Concen: 21.374 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:204 Resp: 193134

Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	61.8	49.5	74.3

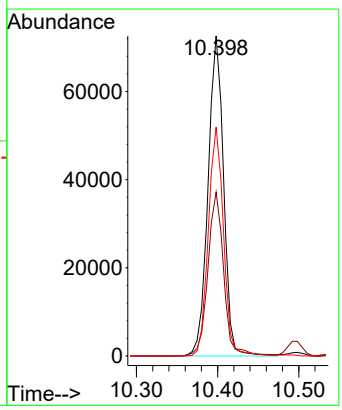


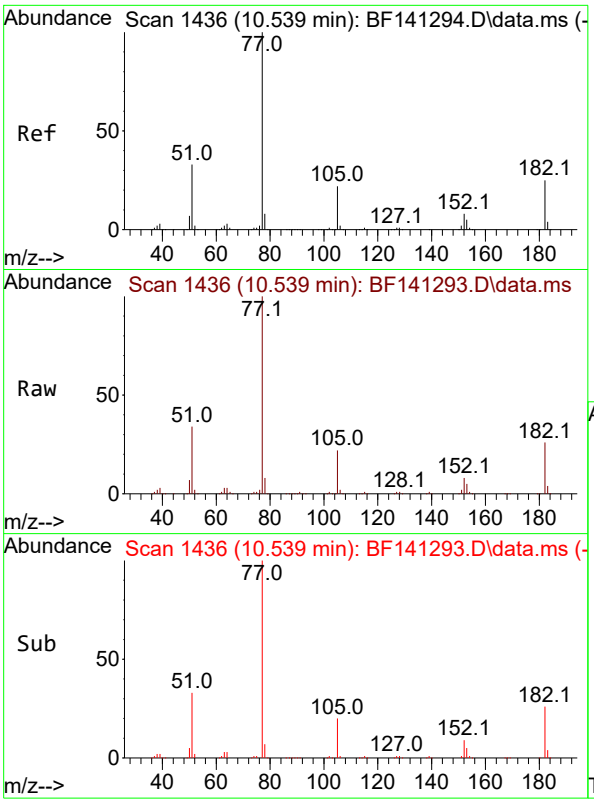


#62
4-Nitroaniline
Concen: 21.833 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:138 Resp: 96692

Ion	Ratio	Lower	Upper
138	100		
92	51.2	30.1	70.1
108	71.5	53.1	93.1



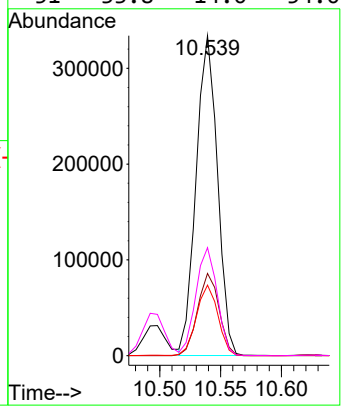


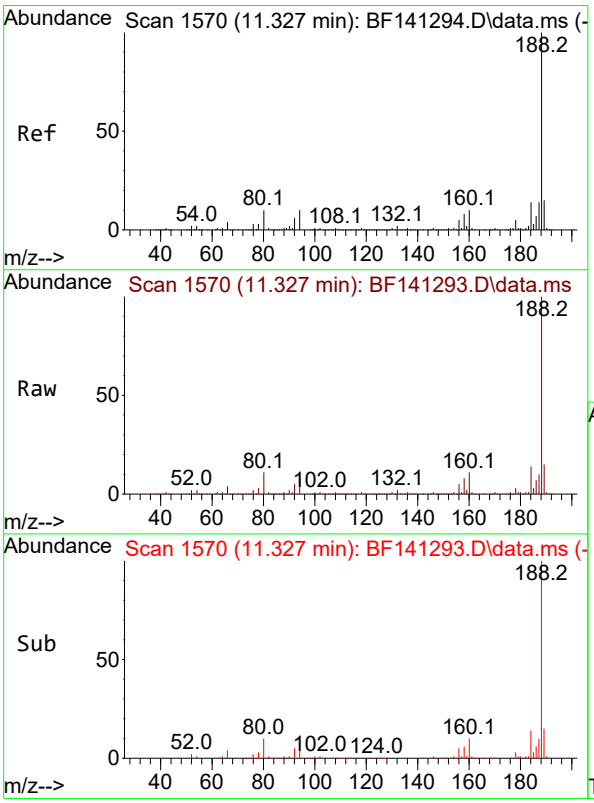
#63
Azobenzene
Concen: 21.210 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 407492

Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.1	45.1
105	22.1	1.8	41.8
51	33.8	14.0	54.0

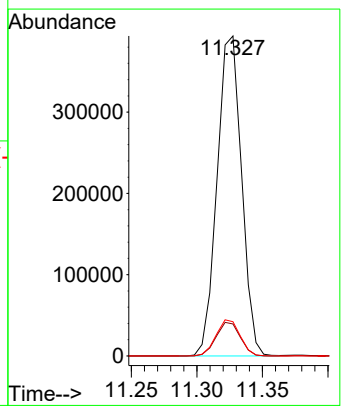


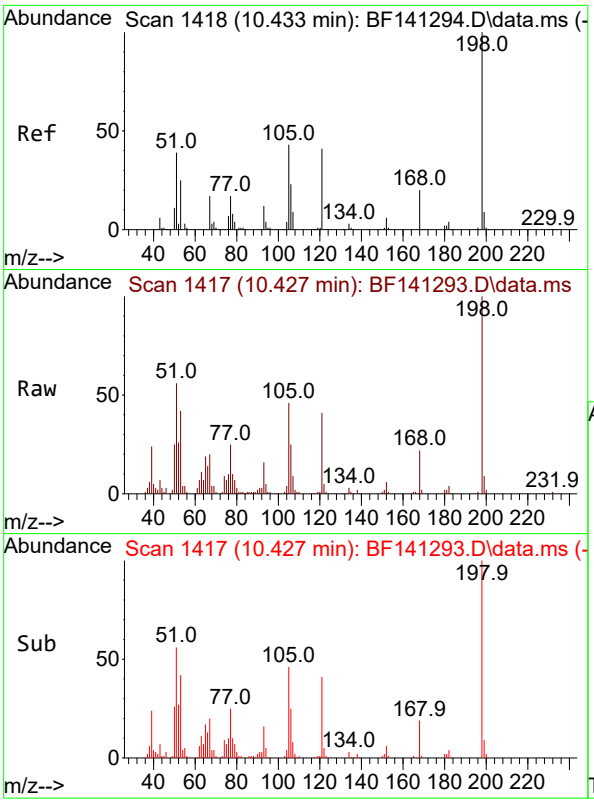


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:188 Resp: 511320

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.7	8.2	12.4



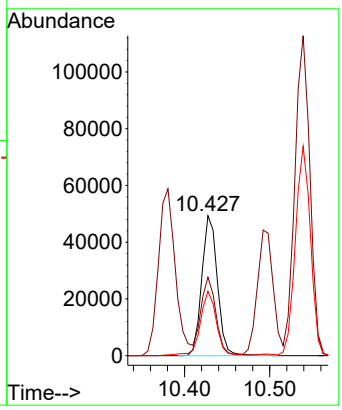


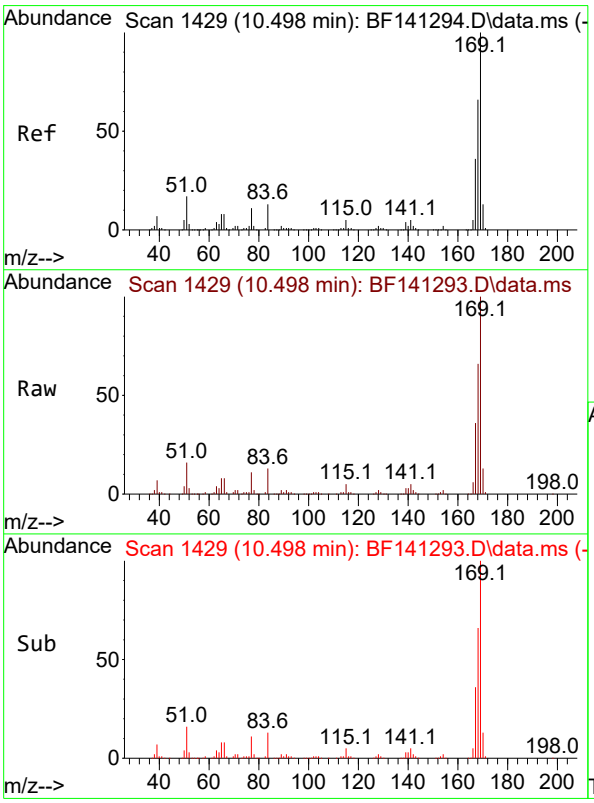
#65
4,6-Dinitro-2-methylphenol
Concen: 20.689 ng
RT: 10.427 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:198 Resp: 62572

Ion	Ratio	Lower	Upper
198	100		
51	56.0	33.4	73.4
105	45.9	24.4	64.4

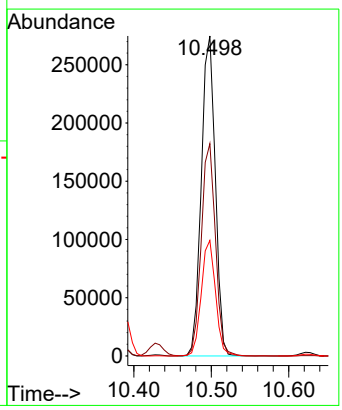


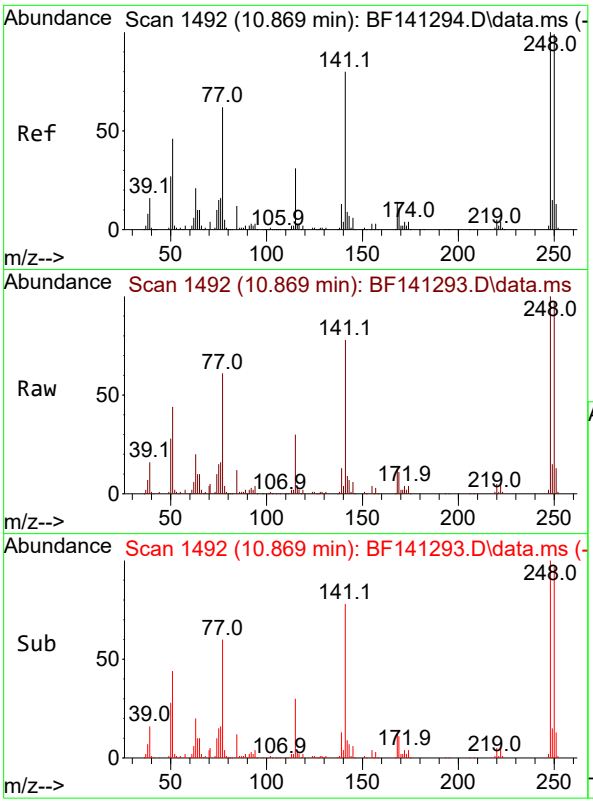


#66
n-Nitrosodiphenylamine
Concen: 20.824 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:169 Resp: 344387

Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.4
167	36.1	28.8	43.2



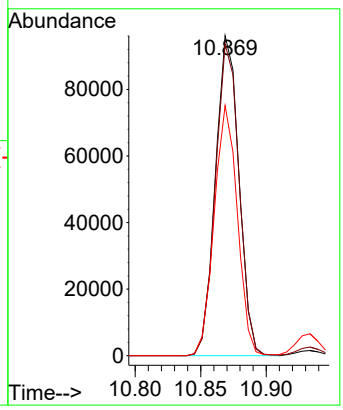


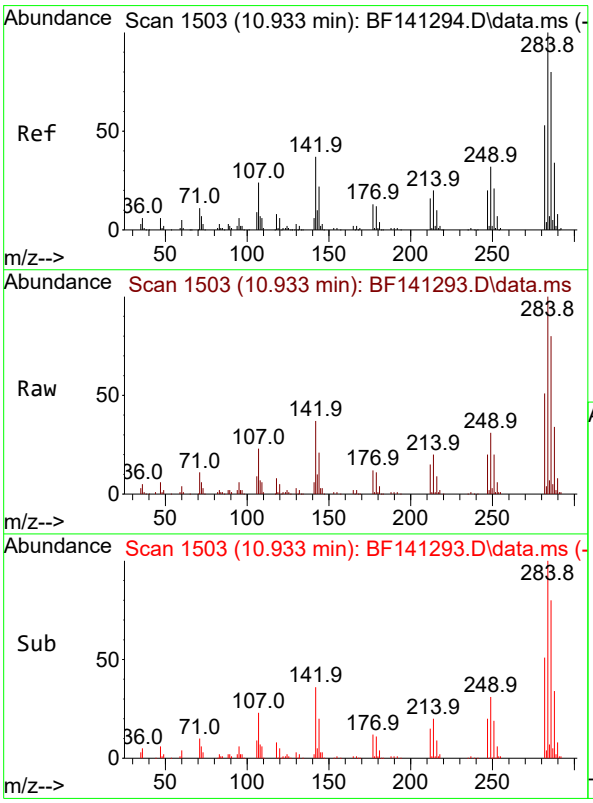
#67
4-Bromophenyl-phenylether
Concen: 20.936 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:248 Resp: 119844

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.0	118.4
141	78.1	63.7	95.5

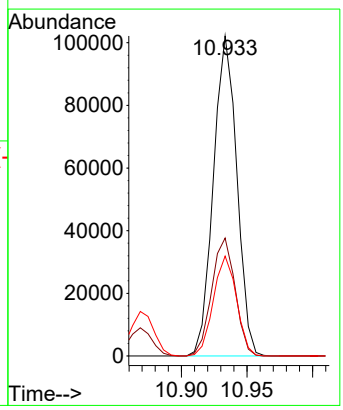


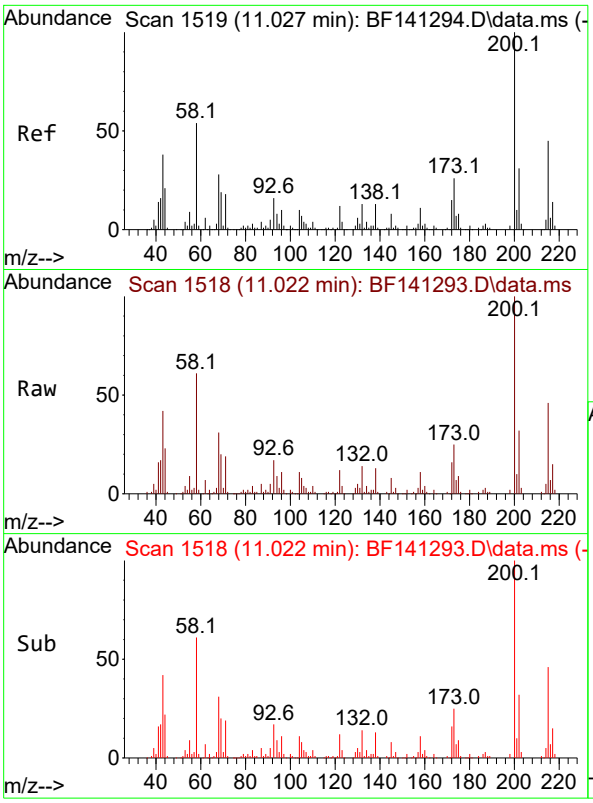


#68
Hexachlorobenzene
Concen: 20.886 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:284 Resp: 126823

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.5	44.3
249	31.2	25.4	38.2



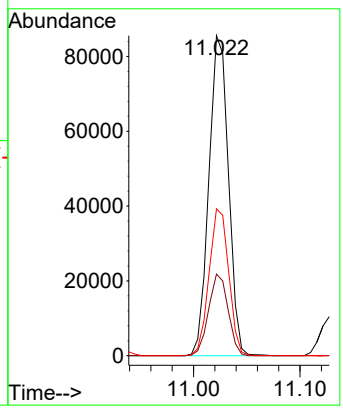


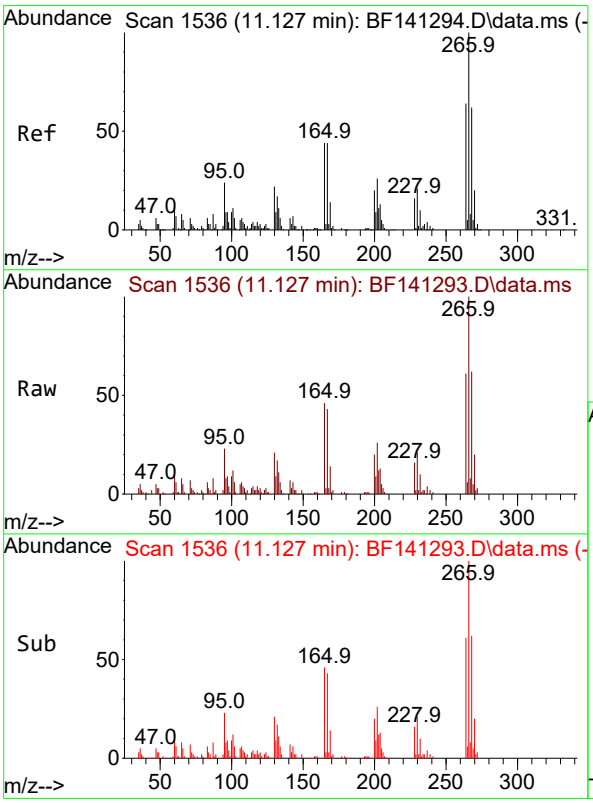
#69
Atrazine
Concen: 19.737 ng
RT: 11.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:200 Resp: 109133

Ion	Ratio	Lower	Upper
200	100		
173	25.5	5.9	45.9
215	45.9	25.2	65.2

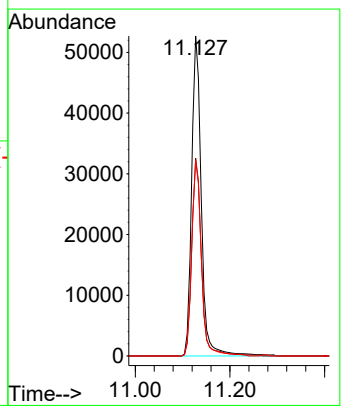


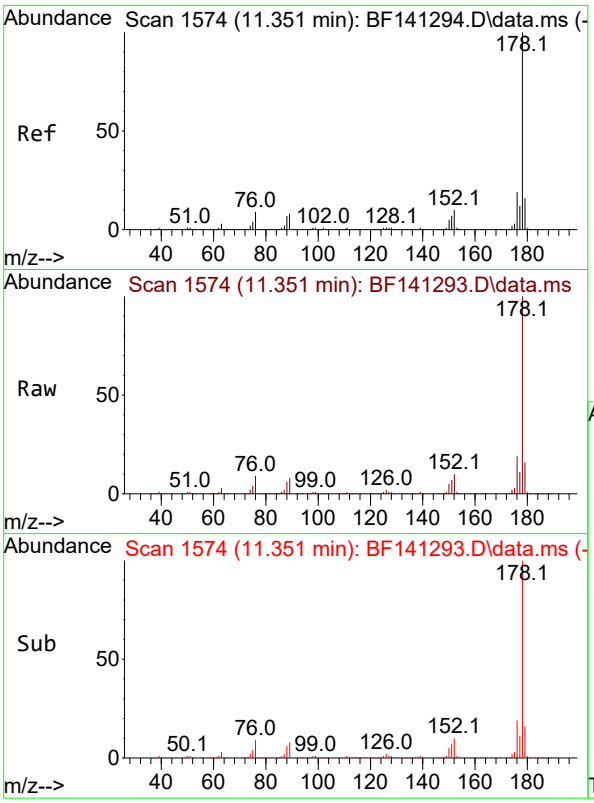


#70
Pentachlorophenol
Concen: 20.954 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:266 Resp: 74508

Ion	Ratio	Lower	Upper
266	100		
268	61.8	49.9	74.9
264	61.2	51.0	76.4



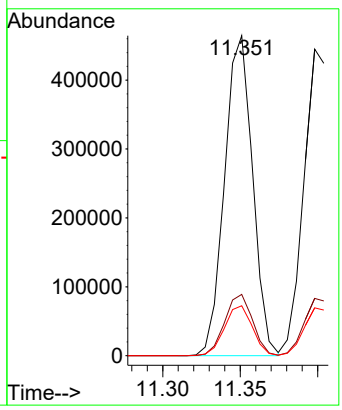


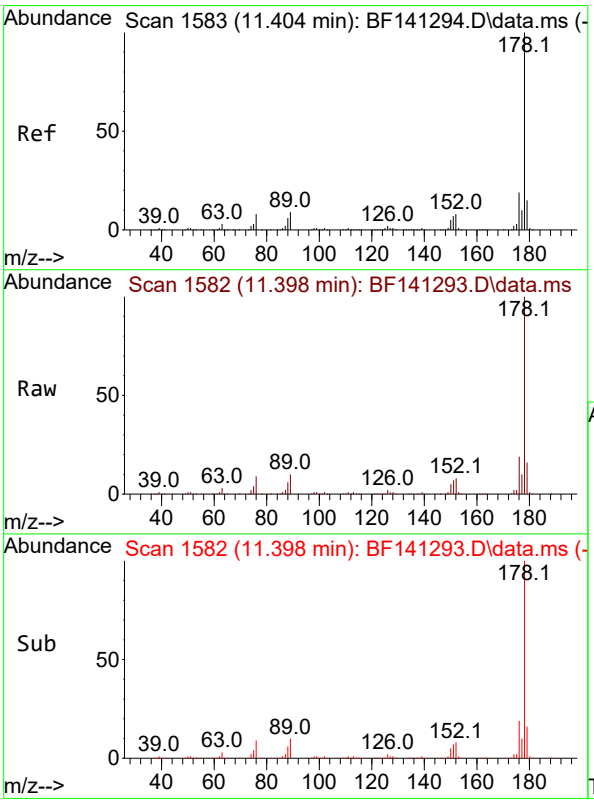
#71
Phenanthrene
Concen: 21.249 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 584027

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.6	12.5	18.7

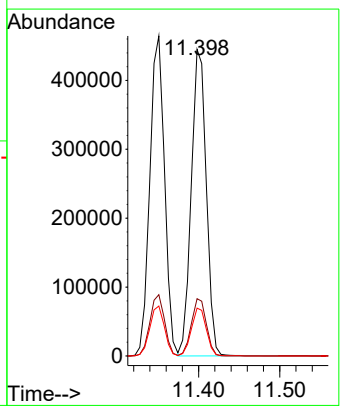


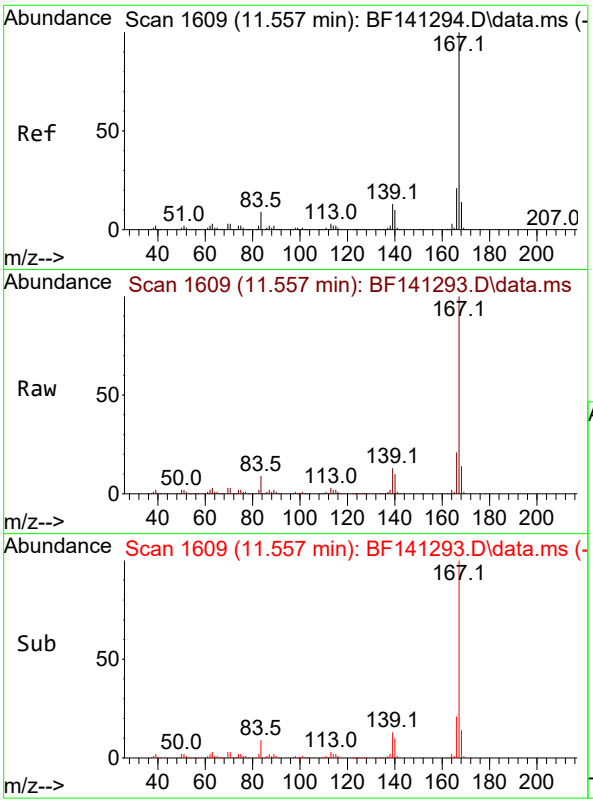


#72
Anthracene
Concen: 21.267 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:178 Resp: 572743

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5



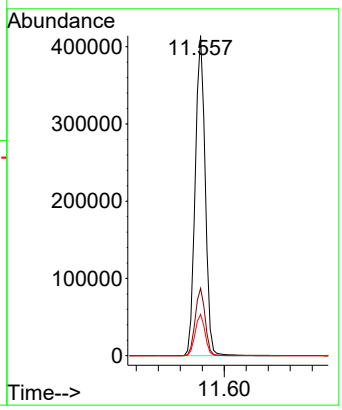


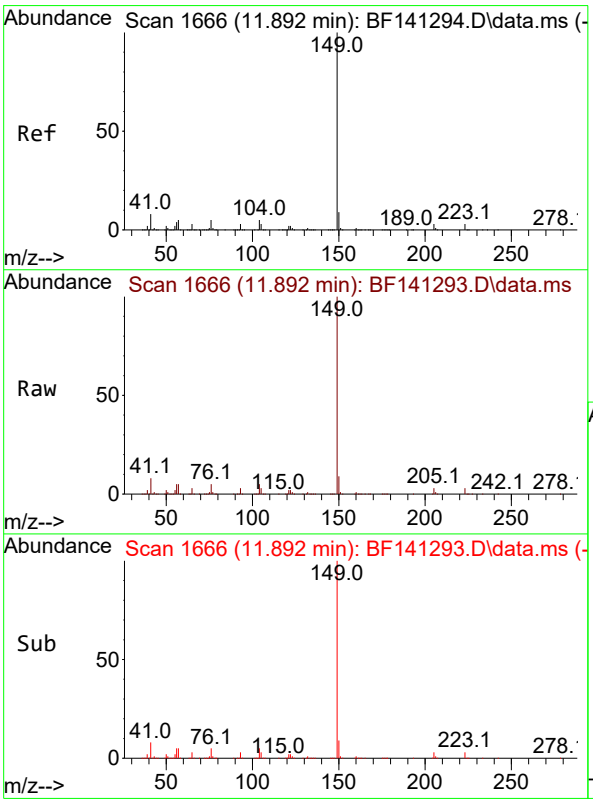
#73
Carbazole
Concen: 21.863 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:167 Resp: 522100

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.9	10.6	16.0

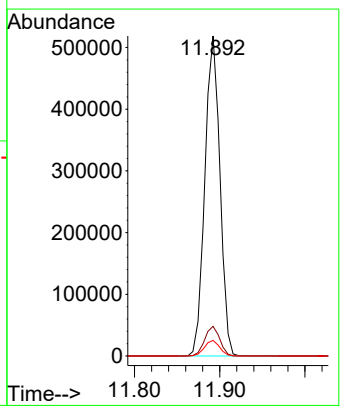


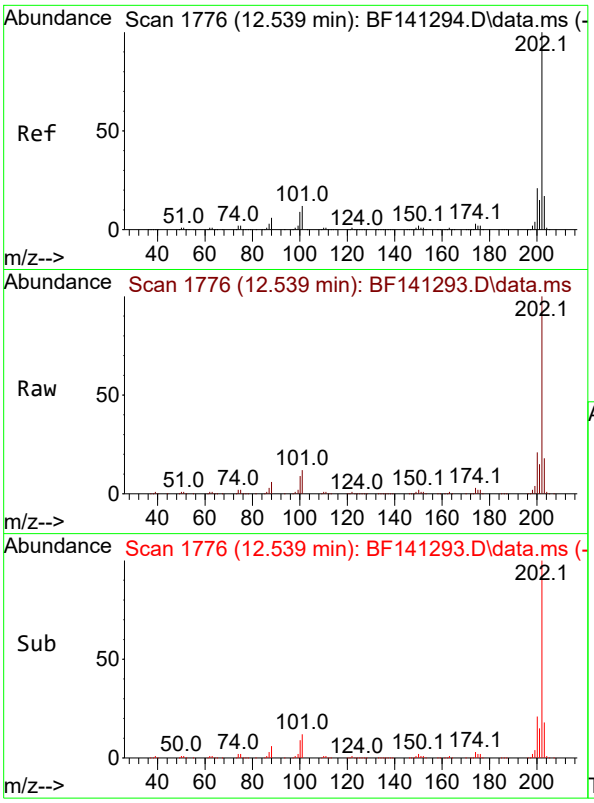


#74
Di-n-butylphthalate
Concen: 21.994 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 636521

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.9	5.9



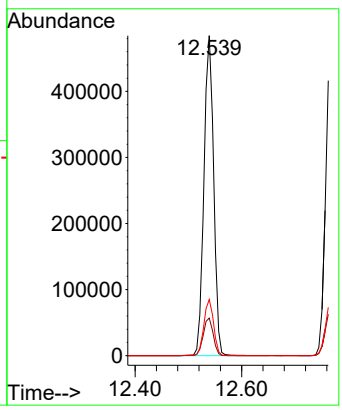


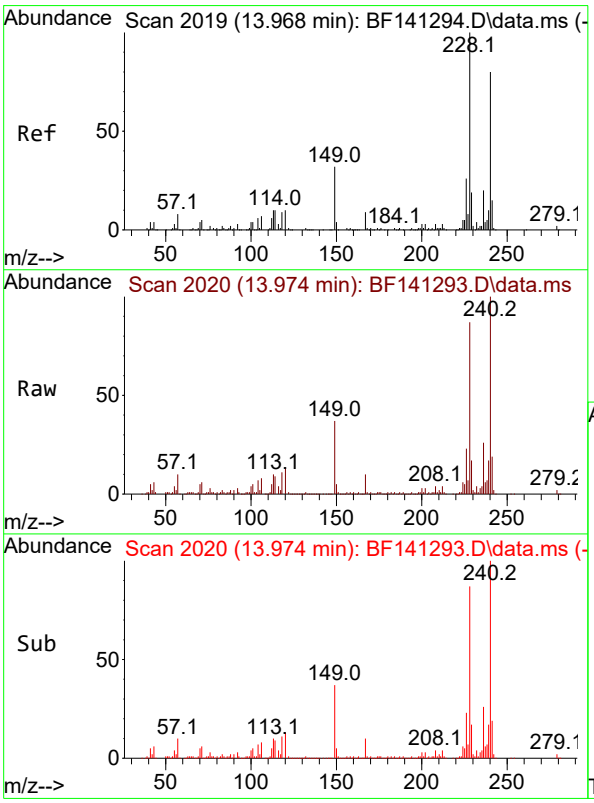
#75
Fluoranthene
Concen: 22.532 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:202 Resp: 611492

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.7
203	17.5	0.0	37.5

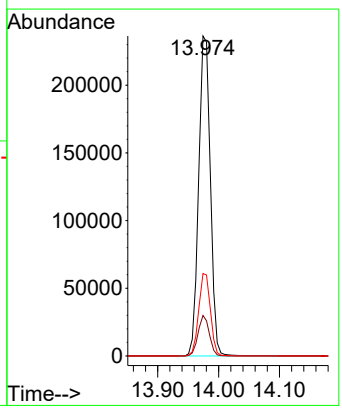


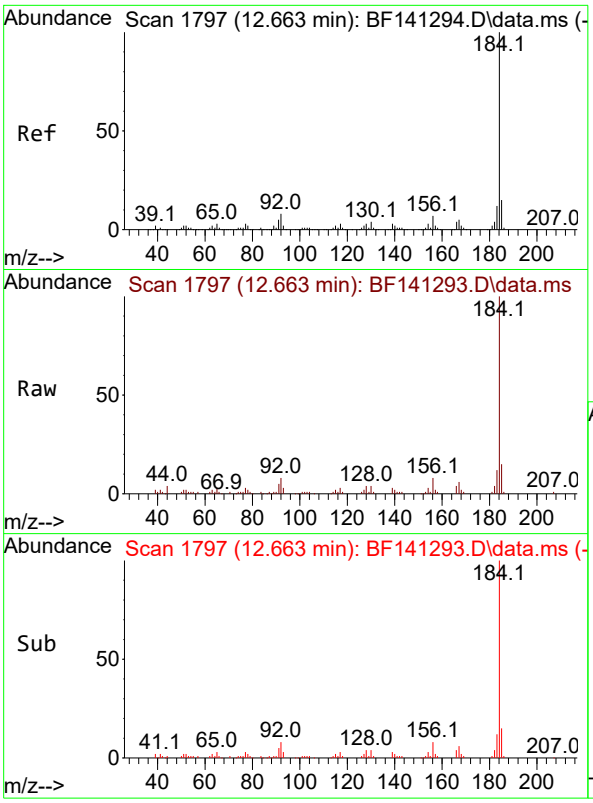


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:240 Resp: 314234

Ion	Ratio	Lower	Upper
240	100		
120	12.7	10.0	15.0
236	25.8	19.7	29.5



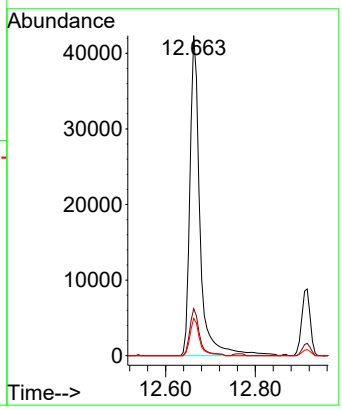


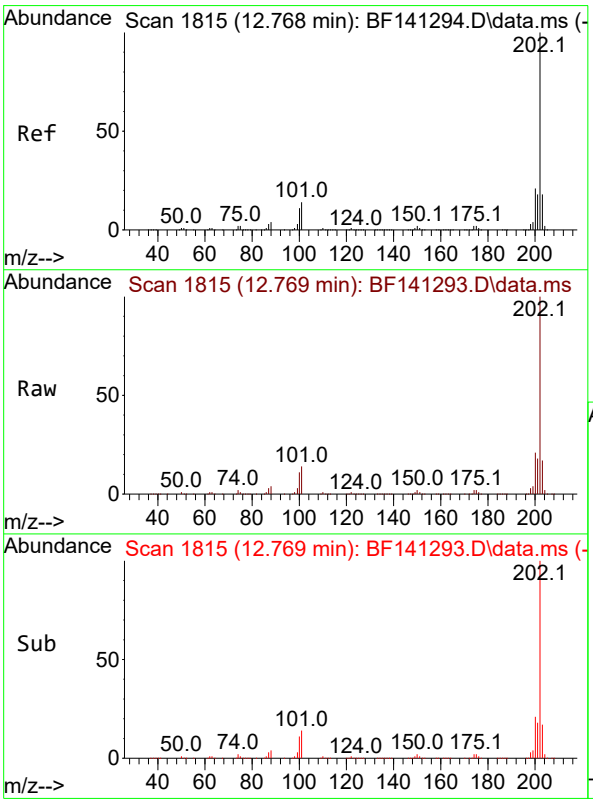
#77
Benzidine
Concen: 6.548 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 65963

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	11.7	9.5	14.3

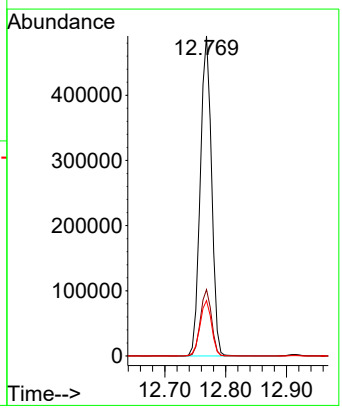


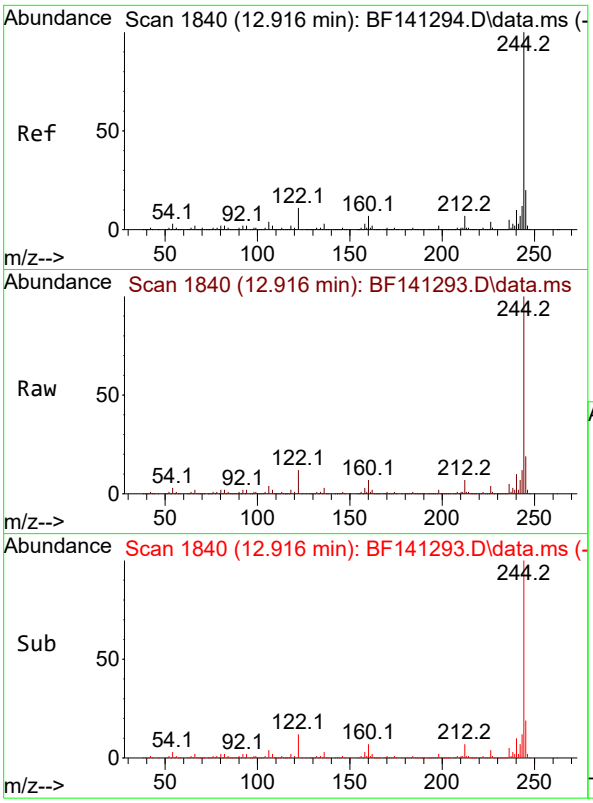


#78
Pyrene
Concen: 20.861 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:202 Resp: 629228

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.3	14.3	21.5



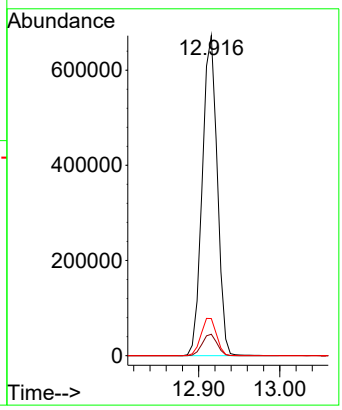


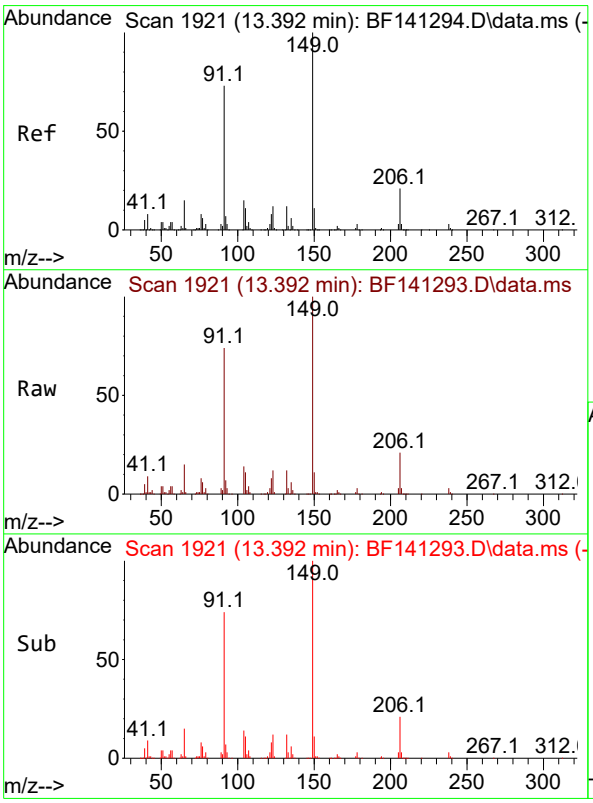
#79
Terphenyl-d14
Concen: 42.254 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:244 Resp: 860956

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.6	8.8	13.2

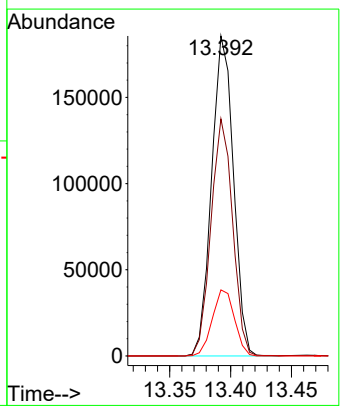


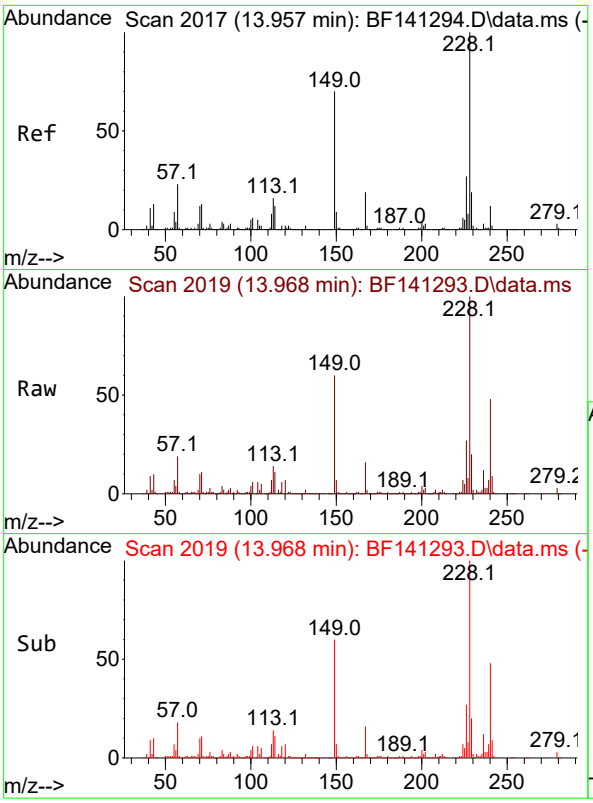


#80
Butylbenzylphthalate
Concen: 22.025 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 232095

Ion	Ratio	Lower	Upper
149	100		
91	74.1	58.6	87.8
206	20.7	16.7	25.1



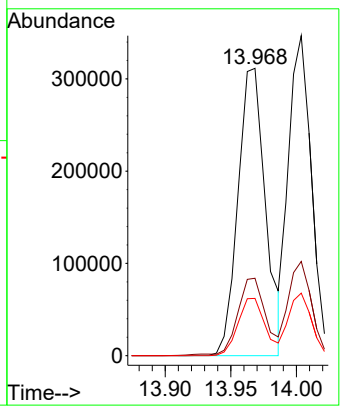


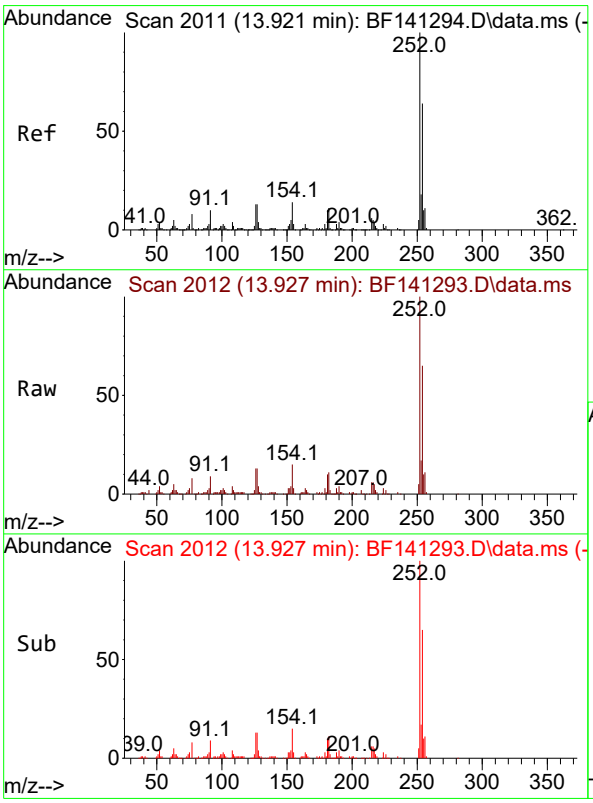
#81
Benzo(a)anthracene
Concen: 21.054 ng
RT: 13.968 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 456535

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.9	15.5	23.3

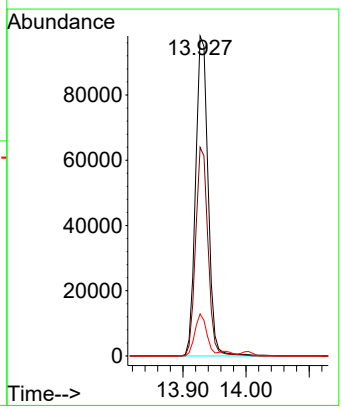


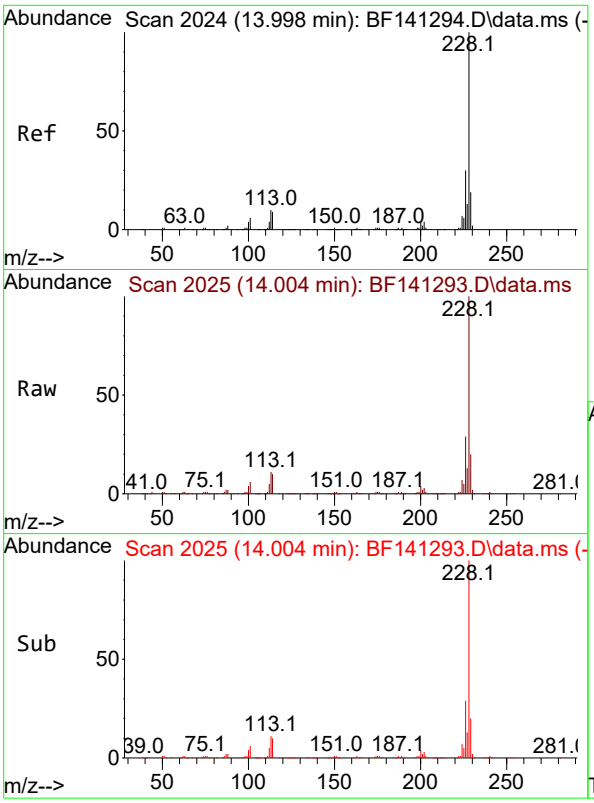


#82
3,3'-Dichlorobenzidine
Concen: 19.473 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 134298

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.3	76.9
126	13.2	10.0	15.0



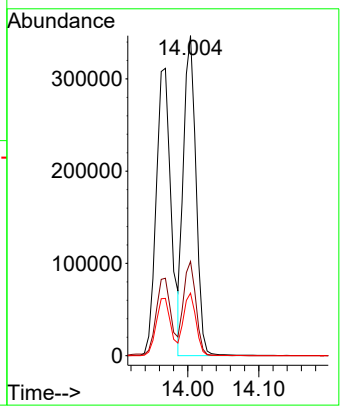


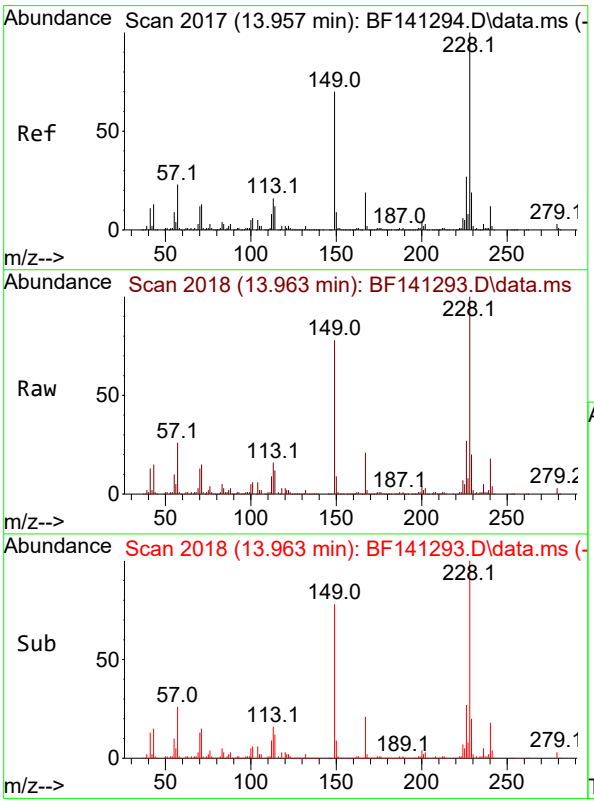
#83
Chrysene
Concen: 21.228 ng
RT: 14.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 421849

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.5	15.6	23.4

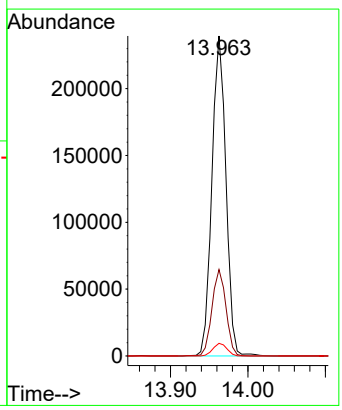


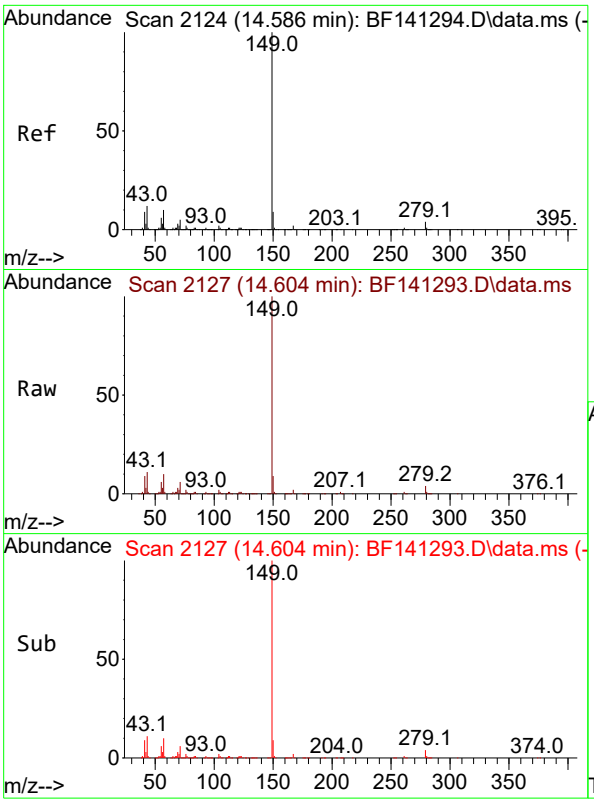


#84
Bis(2-ethylhexyl)phthalate
Concen: 22.483 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:149 Resp: 300546

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.9	3.3	4.9



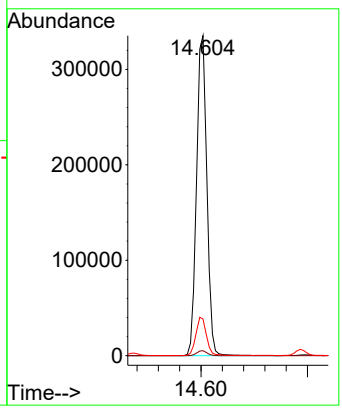


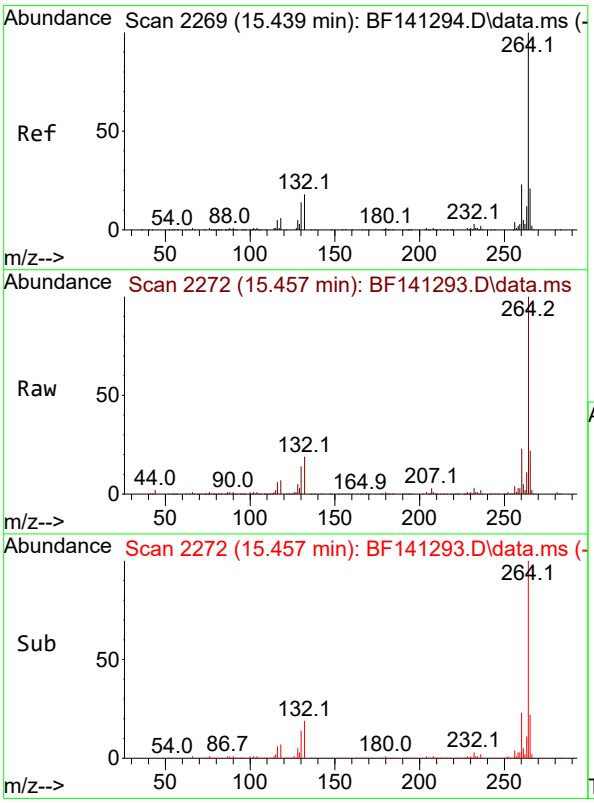
#85
Di-n-octyl phthalate
Concen: 21.758 ng
RT: 14.604 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:149 Resp: 451748

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.4	9.8	14.8

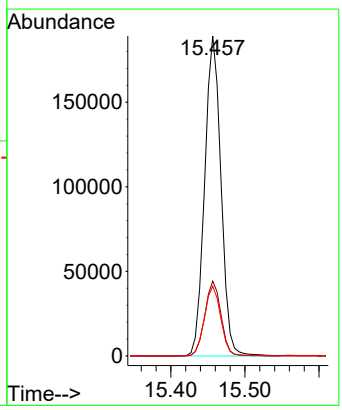


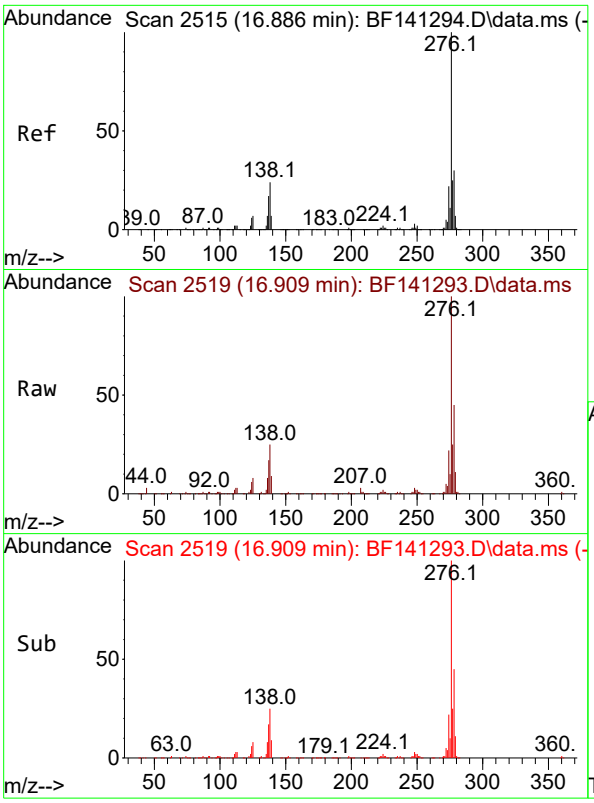


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:264 Resp: 289582

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.8	16.7	25.1



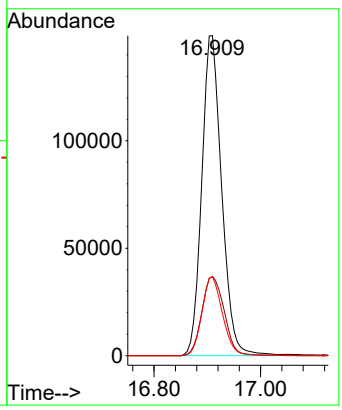


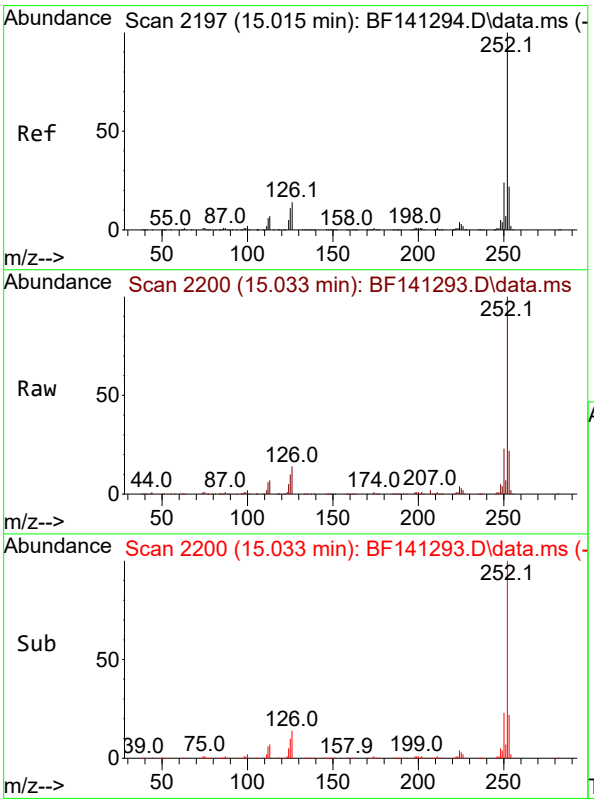
#87
Indeno(1,2,3-cd)pyrene
Concen: 20.711 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:276 Resp: 387089

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.5	20.3	30.5

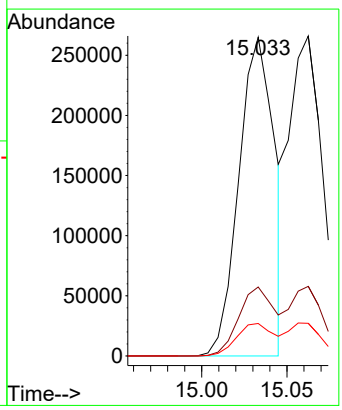


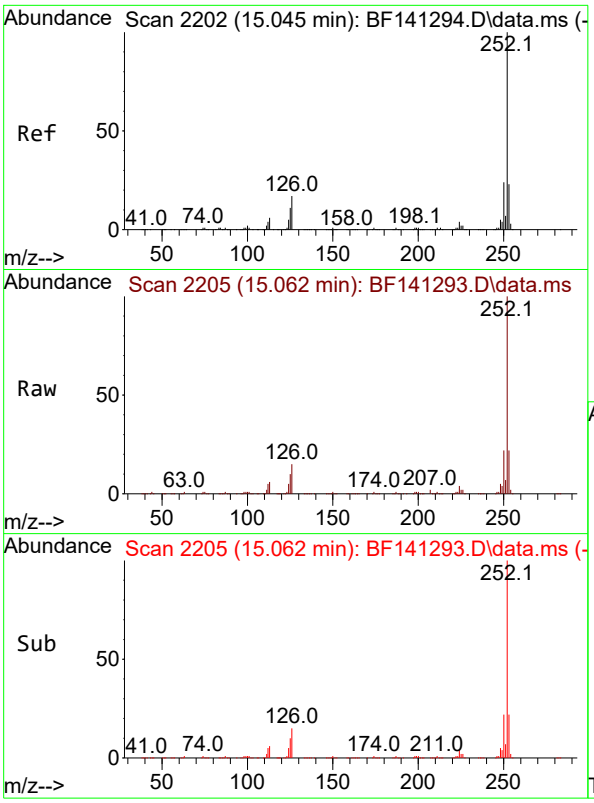


#88
Benzo(b)fluoranthene
Concen: 21.112 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 384557

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	8.6	12.8



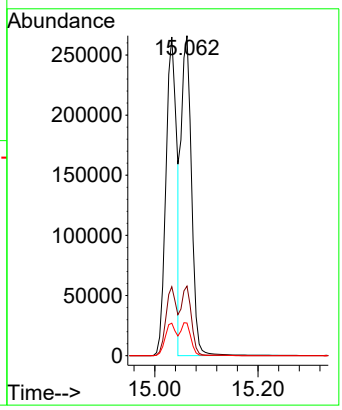


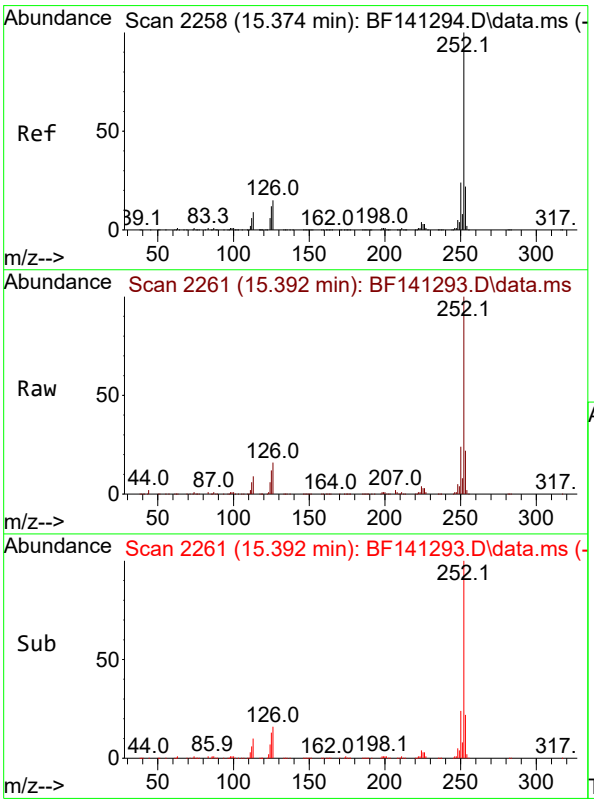
#89
Benzo(k)fluoranthene
Concen: 22.855 ng
RT: 15.062 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:252 Resp: 368801

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	10.2	8.4	12.6

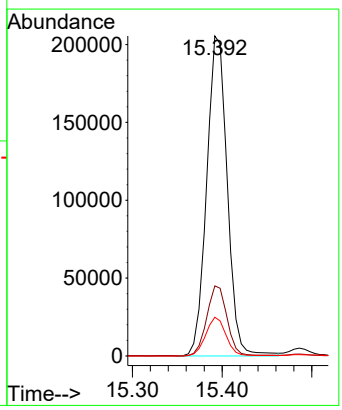


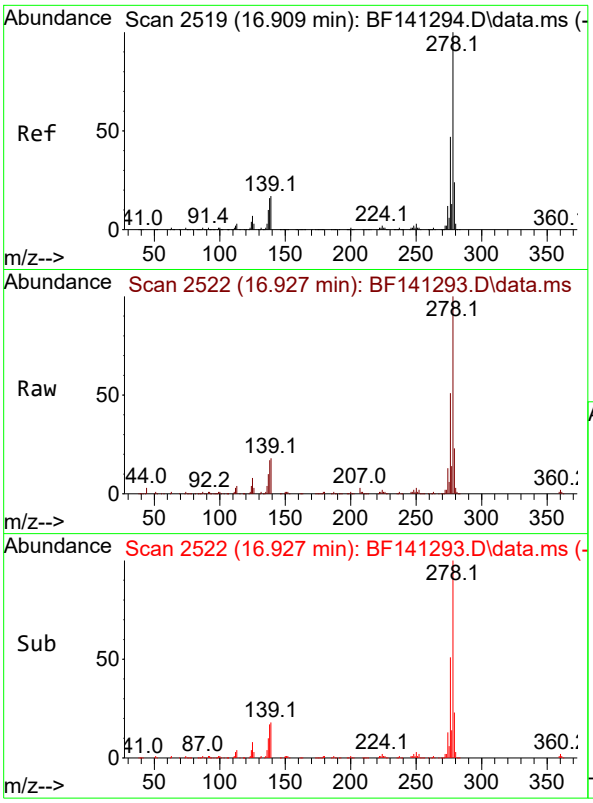


#90
Benzo(a)pyrene
Concen: 21.284 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:252 Resp: 327630

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.1	9.4	14.2



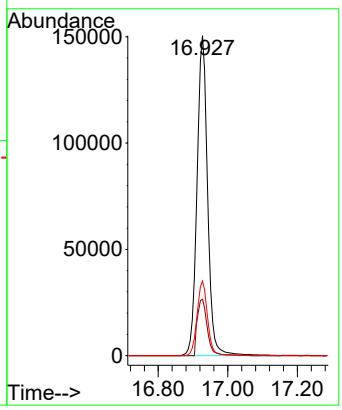


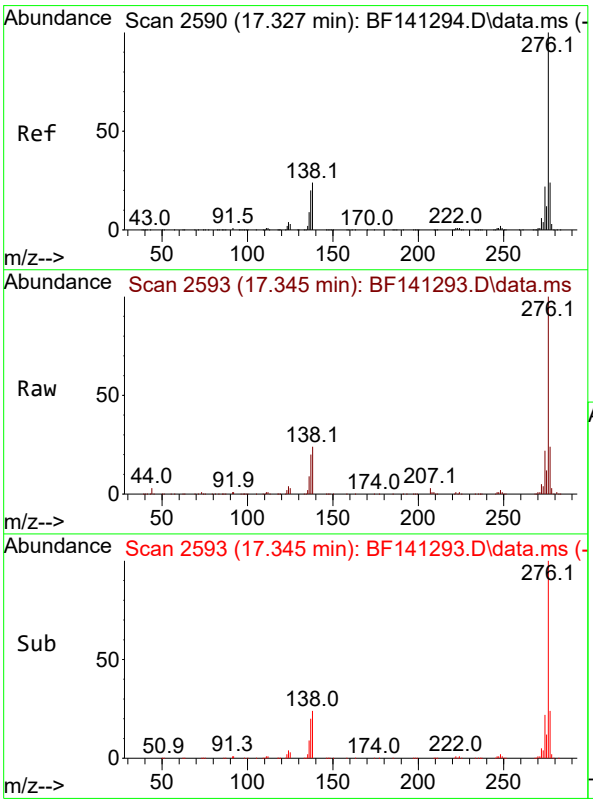
#91
Dibenzo(a,h)anthracene
Concen: 21.199 ng
RT: 16.927 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 318776

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	23.3	18.8	28.2

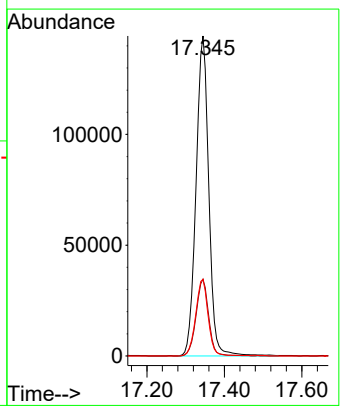




#92
Benzo(g,h,i)perylene
Concen: 21.098 ng
RT: 17.345 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BF141293.D
Acq: 29 Jan 2025 15:17

Tgt Ion:276 Resp: 329876

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.9	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 30 04:15:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	130633	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	511843	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	269662	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	442506	20.000	ng		0.00
76) Chrysene-d12	13.968	240	226571	20.000	ng		0.00
86) Perylene-d12	15.439	264	272084	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	827672	97.268	ng		0.00
7) Phenol-d6	6.428	99	1052381	97.220	ng		-0.01
23) Nitrobenzene-d5	7.369	82	955368	98.397	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	235884	95.415	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1620825	92.514	ng		0.00
79) Terphenyl-d14	12.916	244	1402103	95.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	187460	50.092	ng		98
3) Pyridine	3.222	79	455306	50.496	ng		100
4) n-Nitrosodimethylamine	3.181	42	262083	50.881	ng		100
6) Aniline	6.463	93	458390	50.026	ng		97
8) 2-Chlorophenol	6.587	128	441862	48.448	ng		98
9) Benzaldehyde	6.351	77	281326	44.868	ng		98
10) Phenol	6.445	94	553844	48.266	ng		95
11) bis(2-Chloroethyl)ether	6.539	93	424248	48.220	ng		98
12) 1,3-Dichlorobenzene	6.739	146	489386	48.666	ng		100
13) 1,4-Dichlorobenzene	6.816	146	490392	48.542	ng		99
14) 1,2-Dichlorobenzene	6.975	146	454569	48.053	ng		99
15) Benzyl Alcohol	6.939	79	371274	50.189	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	749938	49.018	ng		99
17) 2-Methylphenol	7.051	107	361469	48.765	ng		99
18) Hexachloroethane	7.310	117	182933	49.085	ng		99
19) n-Nitroso-di-n-propyla...	7.216	70	305749	47.535	ng		98
20) 3+4-Methylphenols	7.210	107	434743	47.767	ng		94
22) Acetophenone	7.210	105	574700	47.236	ng	#	97
24) Nitrobenzene	7.386	77	492082	48.906	ng		98
25) Isophorone	7.622	82	818496	48.768	ng		99
26) 2-Nitrophenol	7.698	139	242228	51.045	ng		99
27) 2,4-Dimethylphenol	7.734	122	283877	46.999	ng		99
28) bis(2-Chloroethoxy)met...	7.833	93	518825	48.463	ng		99
29) 2,4-Dichlorophenol	7.939	162	363275	49.129	ng		100
30) 1,2,4-Trichlorobenzene	8.022	180	406562	48.145	ng		100
31) Naphthalene	8.104	128	1304758	48.254	ng		100
32) Benzoic acid	7.857	122	308525	55.565	ng		99
33) 4-Chloroaniline	8.151	127	449543	49.028	ng		100
34) Hexachlorobutadiene	8.222	225	243308	49.132	ng		99
35) Caprolactam	8.528	113	120078	49.724	ng		97
36) 4-Chloro-3-methylphenol	8.633	107	385683	48.627	ng		98
37) 2-Methylnaphthalene	8.792	142	822986	47.888	ng		99
38) 1-Methylnaphthalene	8.892	142	799136	47.337	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	373963	48.747	ng		100
41) Hexachlorocyclopentadiene	8.945	237	122470	54.055	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	252974	50.380	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 30 04:15:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

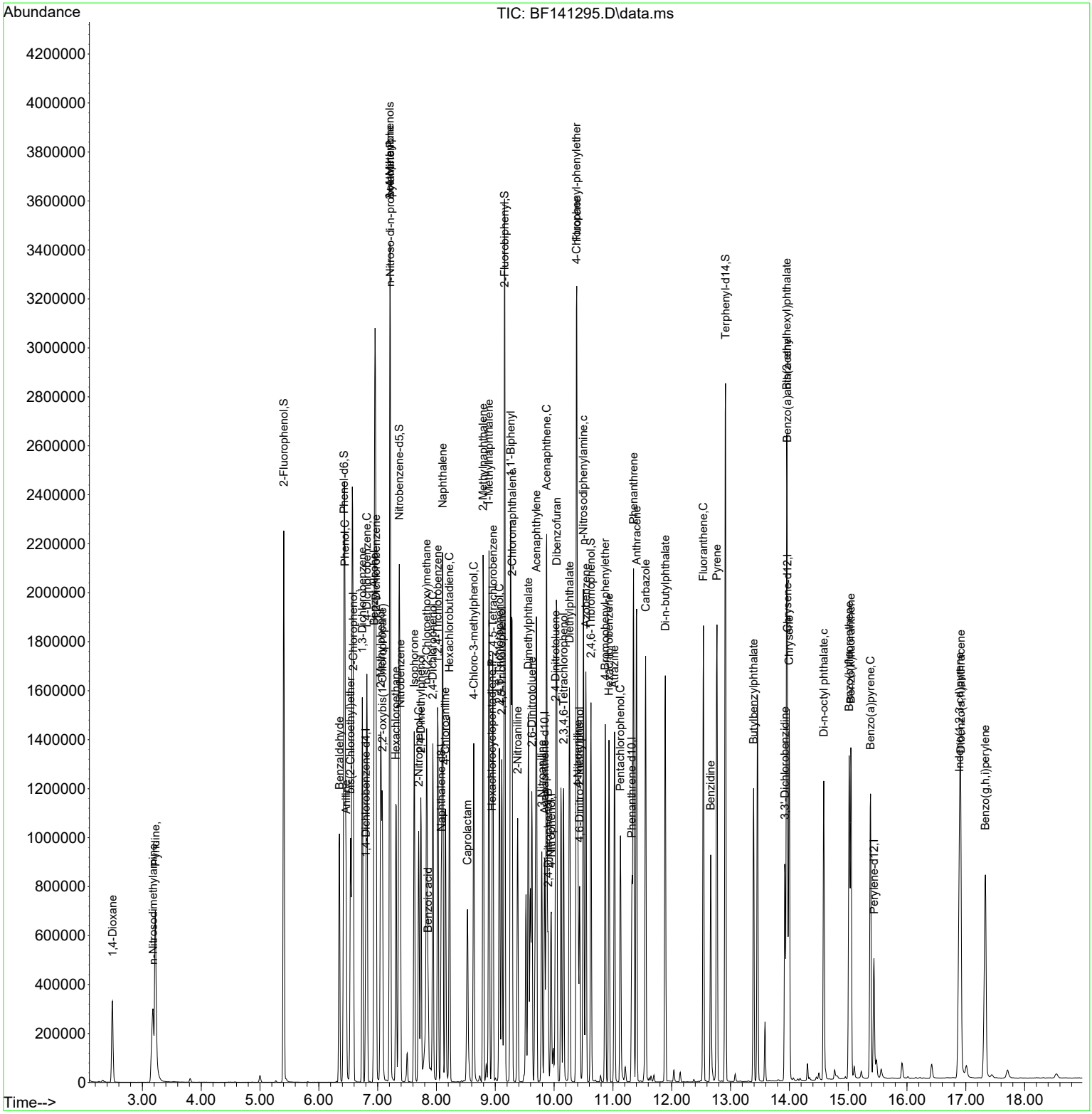
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	263745	48.260	ng	98
46) 1,1'-Biphenyl	9.263	154	1005774	47.825	ng	99
47) 2-Chloronaphthalene	9.286	162	781613	47.683	ng	99
48) 2-Nitroaniline	9.380	65	257199	49.884	ng	98
49) Acenaphthylene	9.698	152	1092234	47.600	ng	100
50) Dimethylphthalate	9.563	163	875569	48.074	ng	100
51) 2,6-Dinitrotoluene	9.622	165	204917	48.457	ng	98
52) Acenaphthene	9.875	154	789039	48.134	ng	100
53) 3-Nitroaniline	9.792	138	197832	47.731	ng	99
54) 2,4-Dinitrophenol	9.898	184	105313	53.573	ng	96
55) Dibenzofuran	10.045	168	1028182	46.858	ng	100
56) 4-Nitrophenol	9.951	139	155594	51.331	ng	99
57) 2,4-Dinitrotoluene	10.027	165	264325	48.277	ng	97
58) Fluorene	10.386	166	784644	46.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	205508	47.798	ng	98
60) Diethylphthalate	10.263	149	834803	47.272	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	380948	45.820	ng	99
62) 4-Nitroaniline	10.404	138	198241	48.650	ng	98
63) Azobenzene	10.539	77	841851	47.625	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	144574	55.235	ng	97
66) n-Nitrosodiphenylamine	10.498	169	688202	48.085	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	241123	48.673	ng	99
68) Hexachlorobenzene	10.933	284	253174	48.178	ng	100
69) Atrazine	11.027	200	237991	49.734	ng	98
70) Pentachlorophenol	11.127	266	161568	52.505	ng	99
71) Phenanthrene	11.351	178	1114920	46.872	ng	99
72) Anthracene	11.404	178	1105681	47.441	ng	100
73) Carbazole	11.557	167	971542	47.011	ng	99
74) Di-n-butylphthalate	11.892	149	1162607	46.420	ng	100
75) Fluoranthene	12.539	202	1065514	45.367	ng	100
77) Benzidine	12.663	184	513358	70.676	ng	99
78) Pyrene	12.768	202	1059044	48.695	ng	99
80) Butylbenzylphthalate	13.392	149	371889	48.945	ng	99
81) Benzo(a)anthracene	13.963	228	778922	49.820	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	270572	54.413	ng	99
83) Chrysene	13.998	228	717569	50.079	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	470441	48.809	ng	99
85) Di-n-octyl phthalate	14.586	149	773037	51.638	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	916714	52.202	ng	100
88) Benzo(b)fluoranthene	15.015	252	860351	50.269	ng	100
89) Benzo(k)fluoranthene	15.045	252	713500	47.059	ng	99
90) Benzo(a)pyrene	15.380	252	721834	49.910	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	739397	52.334	ng	100
92) Benzo(g,h,i)perylene	17.333	276	764064	52.010	ng	99

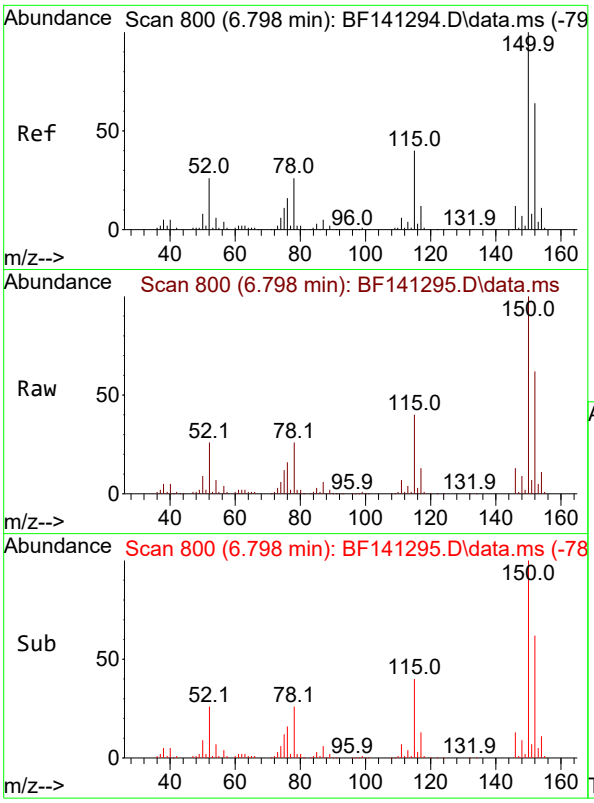
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141295.D
Acq On : 29 Jan 2025 16:11
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jan 30 04:15:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



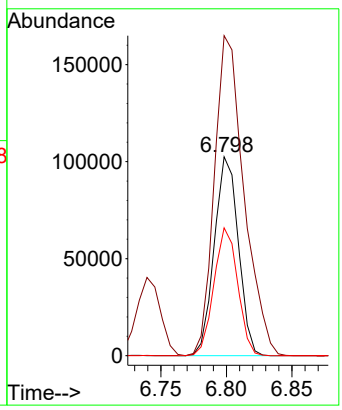


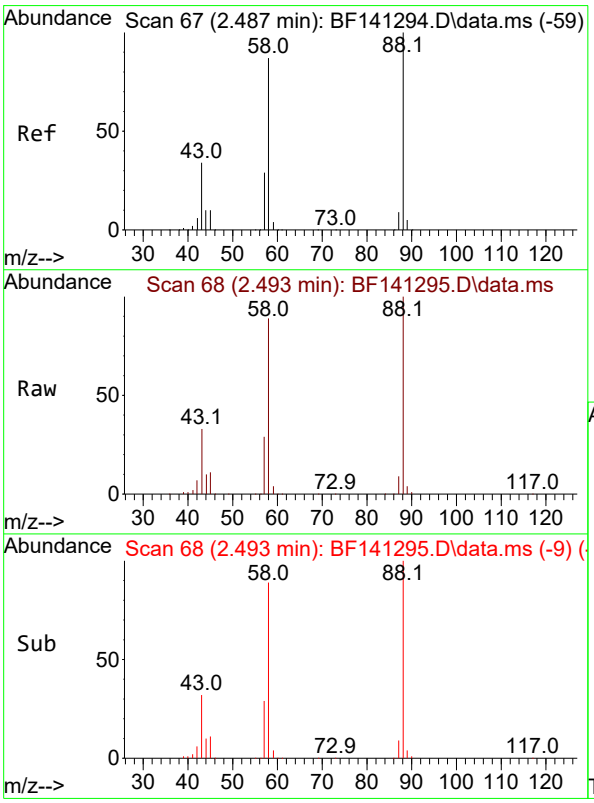
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 130633

Ion	Ratio	Lower	Upper
152	100		
150	160.9	125.9	188.9
115	64.3	49.7	74.5

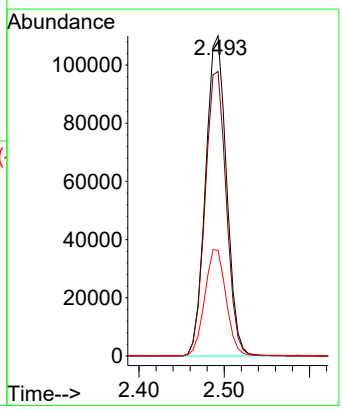


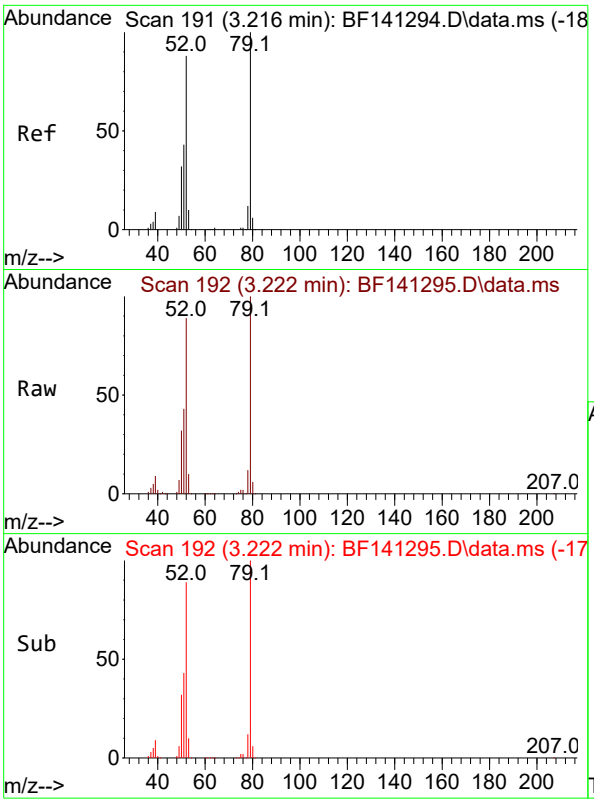


#2
1,4-Dioxane
Concen: 50.092 ng
RT: 2.493 min Scan# 68
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 88 Resp: 187460

Ion	Ratio	Lower	Upper
88	100		
58	89.8	70.2	105.4
43	33.5	27.6	41.4



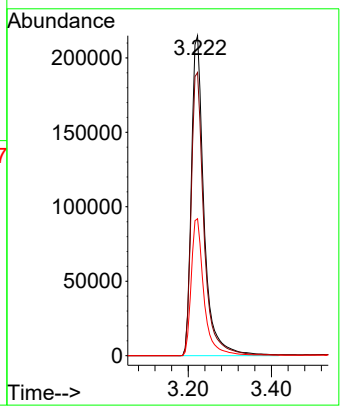


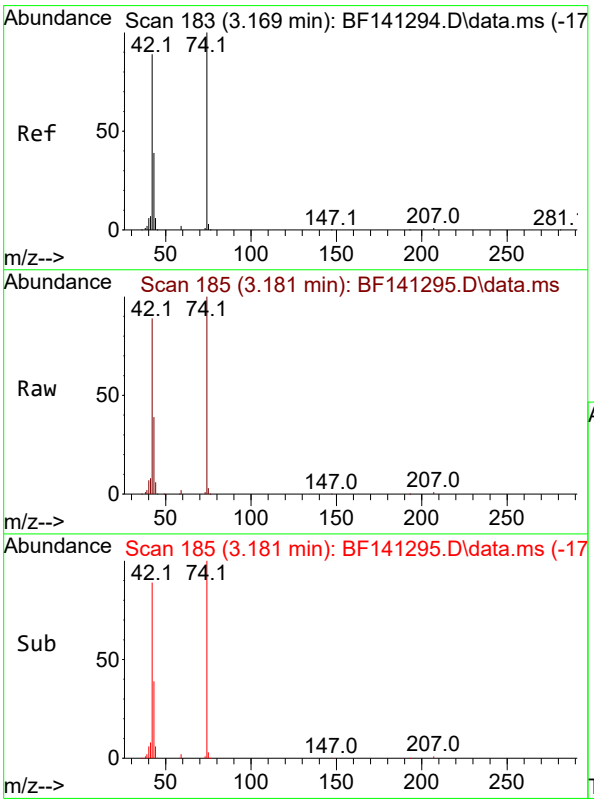
#3
Pyridine
Concen: 50.496 ng
RT: 3.222 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 455306

Ion	Ratio	Lower	Upper
79	100		
52	88.5	70.3	105.5
51	42.8	34.3	51.5

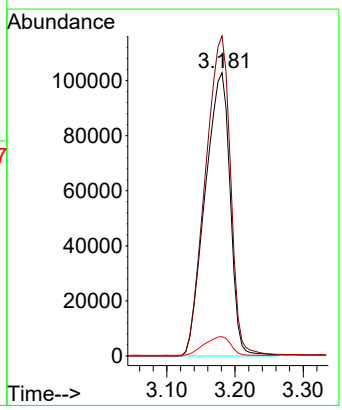


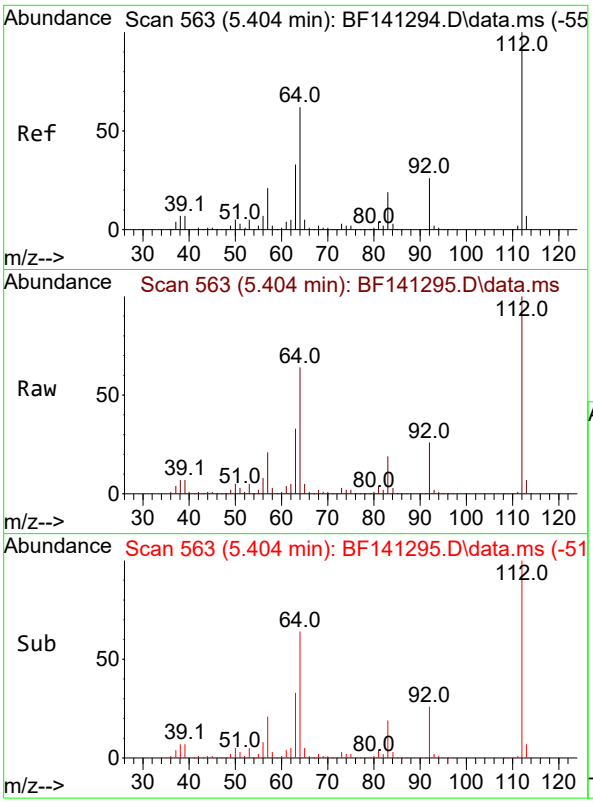


#4
n-Nitrosodimethylamine
Concen: 50.881 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.018 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 42 Resp: 262083

Ion	Ratio	Lower	Upper
42	100		
74	113.0	90.3	135.5
44	6.8	5.7	8.5



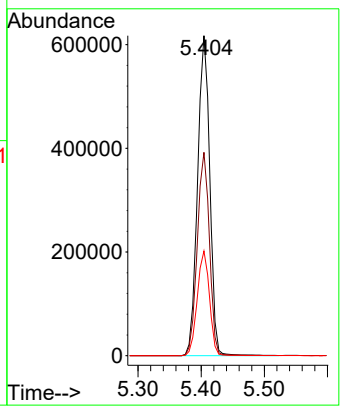


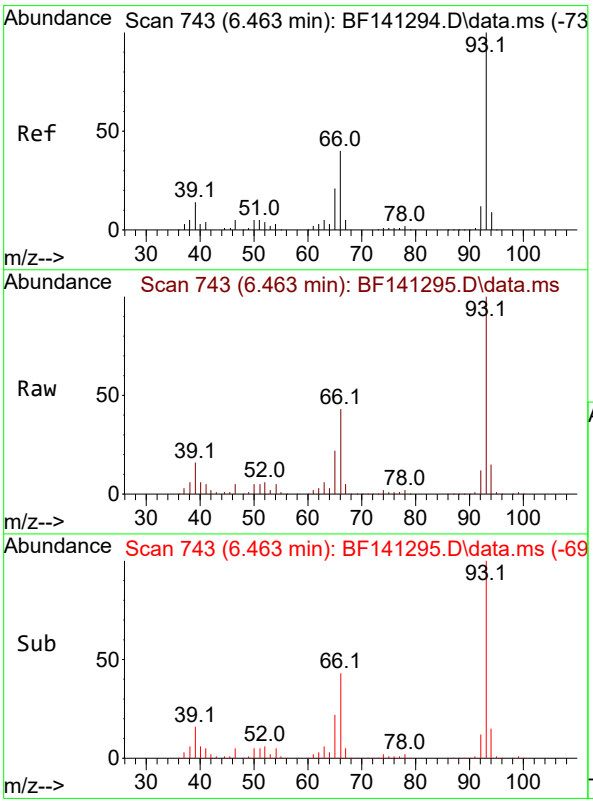
#5
2-Fluorophenol
Concen: 97.268 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 827672

Ion	Ratio	Lower	Upper
112	100		
64	63.5	49.8	74.8
63	32.7	26.1	39.1

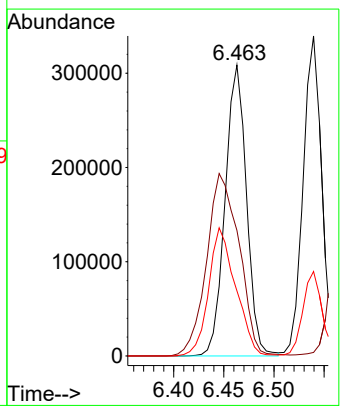


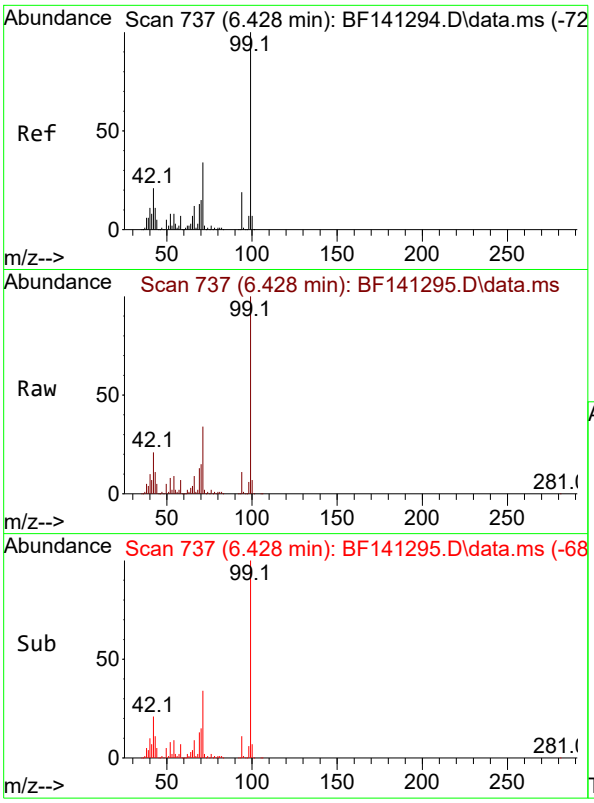


#6
Aniline
Concen: 50.026 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 458390

Ion	Ratio	Lower	Upper
93	100		
66	43.2	32.5	48.7
65	22.4	17.0	25.6



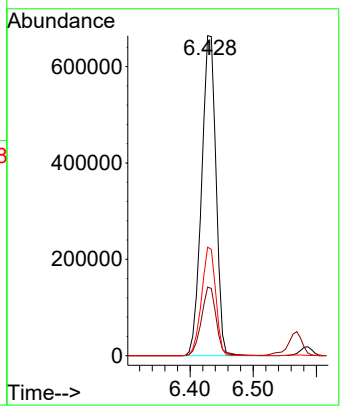


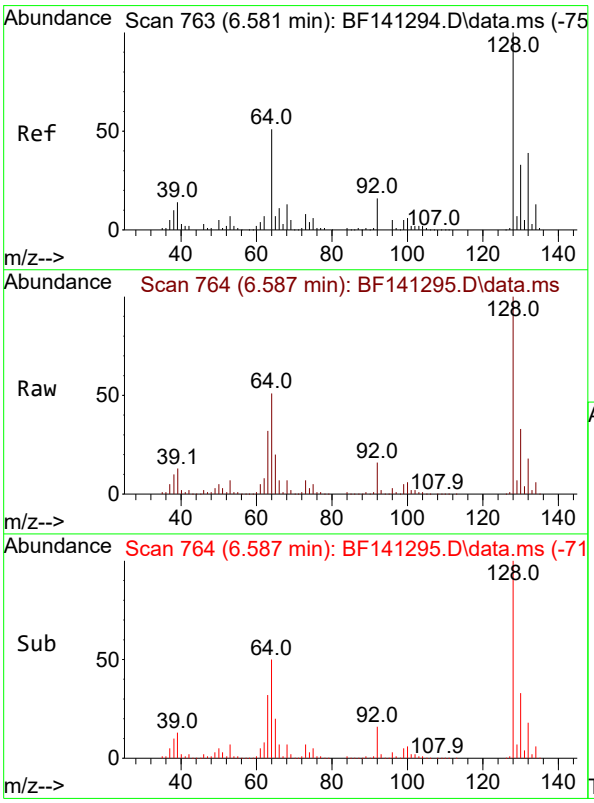
#7
Phenol-d6
Concen: 97.220 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 99 Resp: 1052381

Ion	Ratio	Lower	Upper
99	100		
42	21.4	17.1	25.7
71	33.9	26.9	40.3

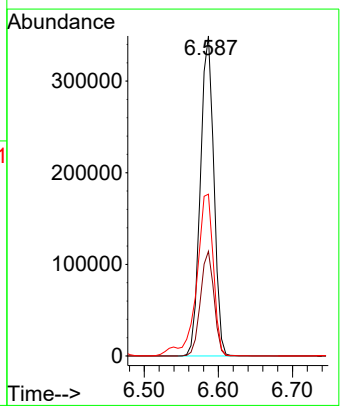


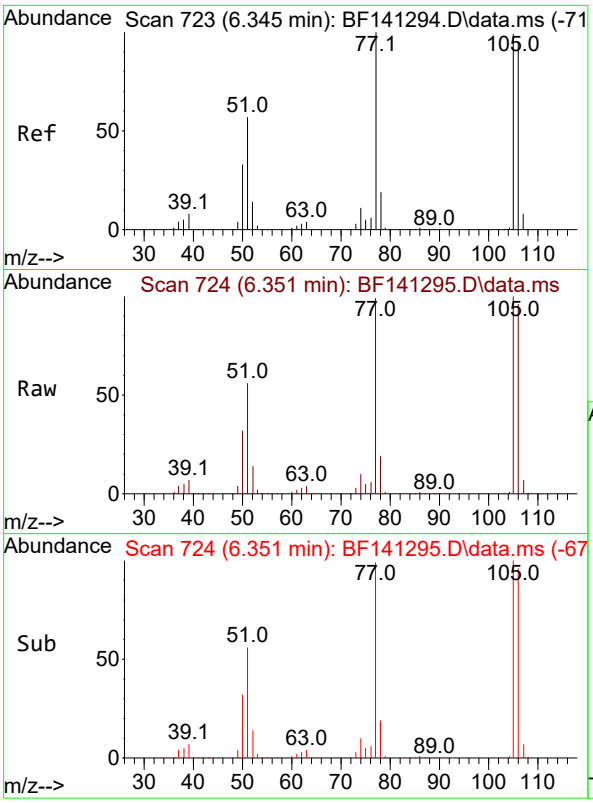


#8
2-Chlorophenol
Concen: 48.448 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:128 Resp: 441862

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.5	32.9	72.9



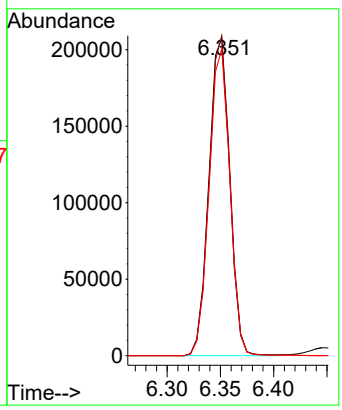


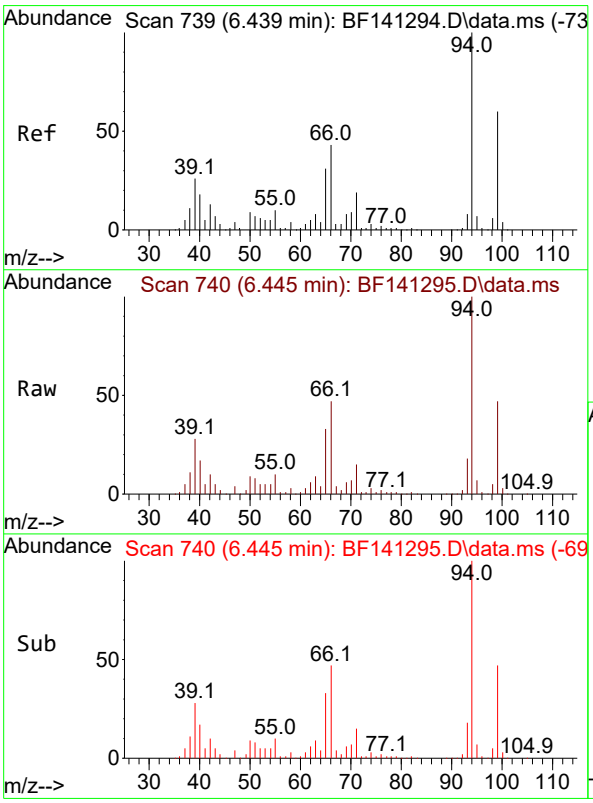
#9
Benzaldehyde
Concen: 44.868 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 281326

Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.4	119.4
106	96.5	74.6	114.6

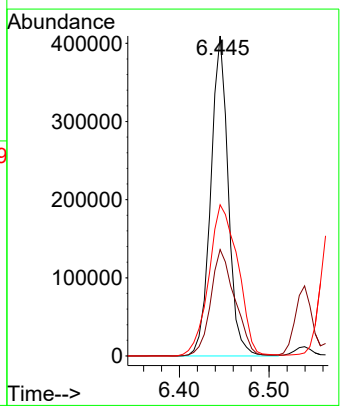


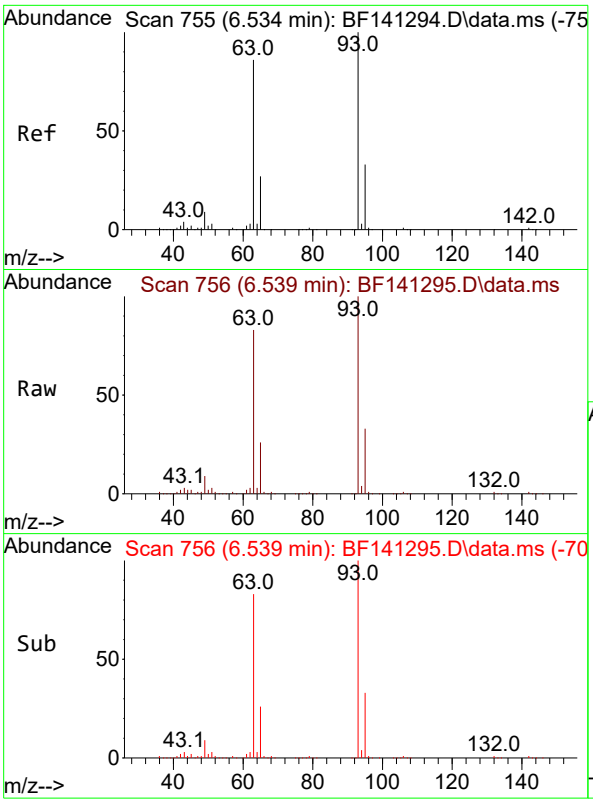


#10
Phenol
Concen: 48.266 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 94 Resp: 553844

Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.8	50.8
66	47.3	23.3	63.3



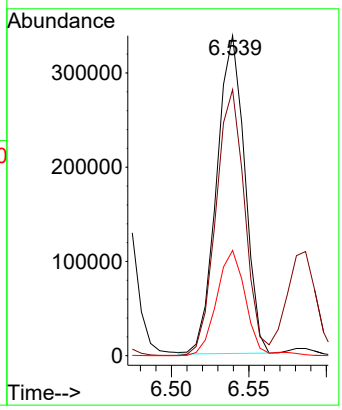


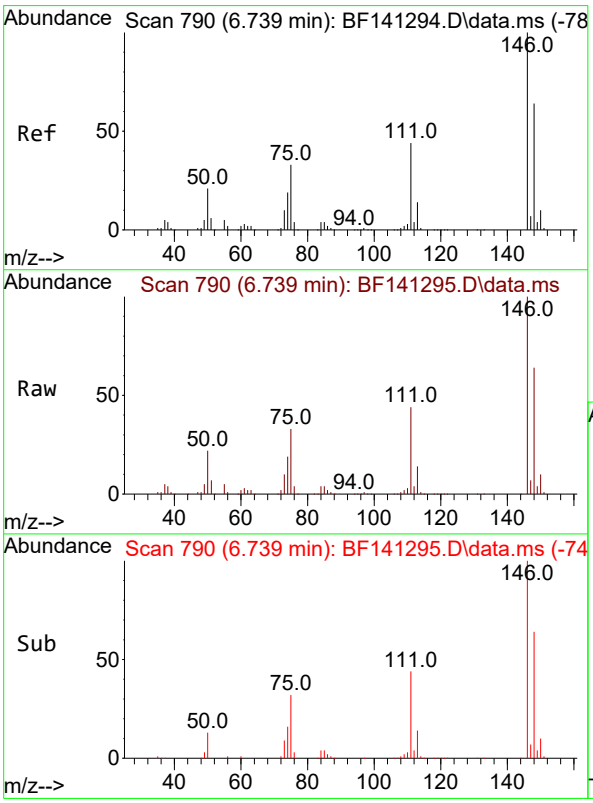
#11
bis(2-Chloroethyl)ether
Concen: 48.220 ng
RT: 6.539 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 93 Resp: 424248

Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.0	105.0
95	32.9	12.4	52.4

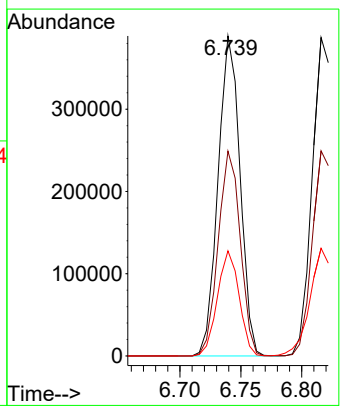


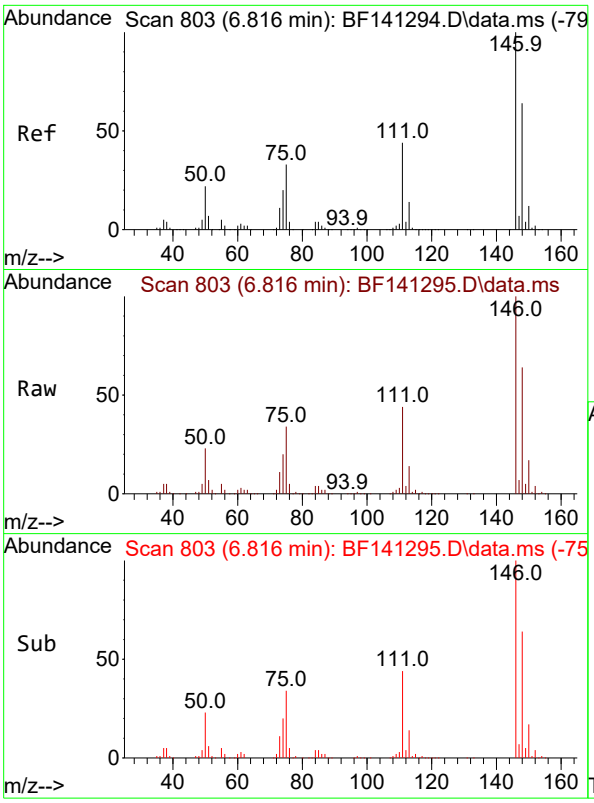


#12
1,3-Dichlorobenzene
Concen: 48.666 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 489386

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	32.9	26.2	39.4



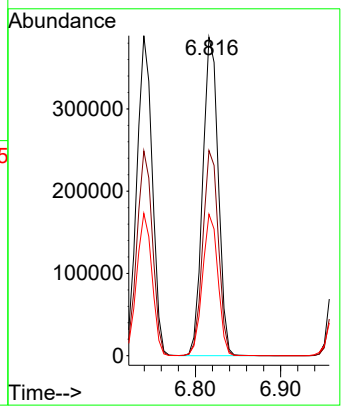


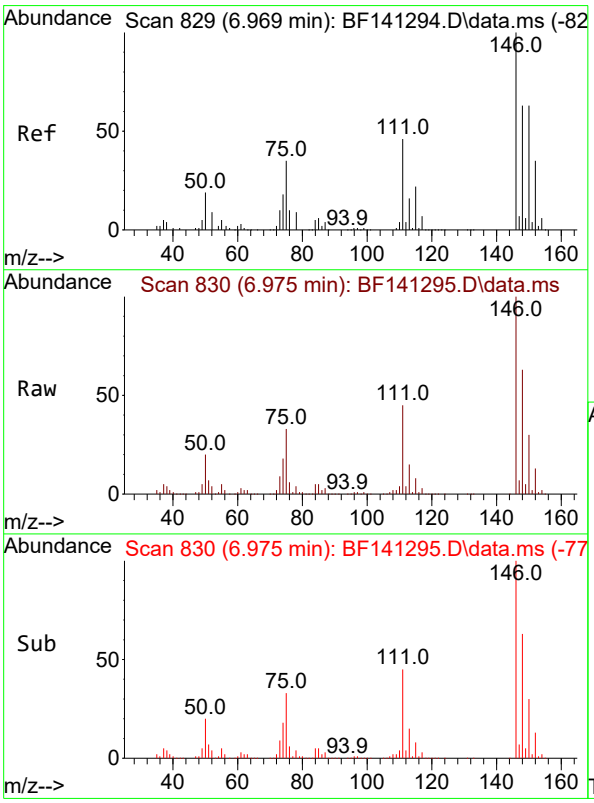
#13
1,4-Dichlorobenzene
Concen: 48.542 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:146 Resp: 490392

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	44.4	35.0	52.4

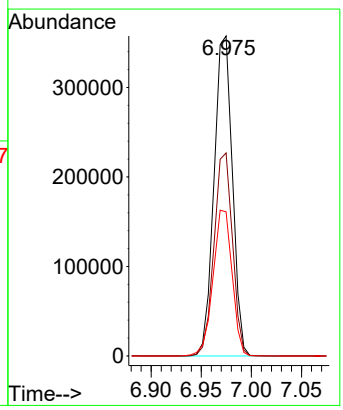


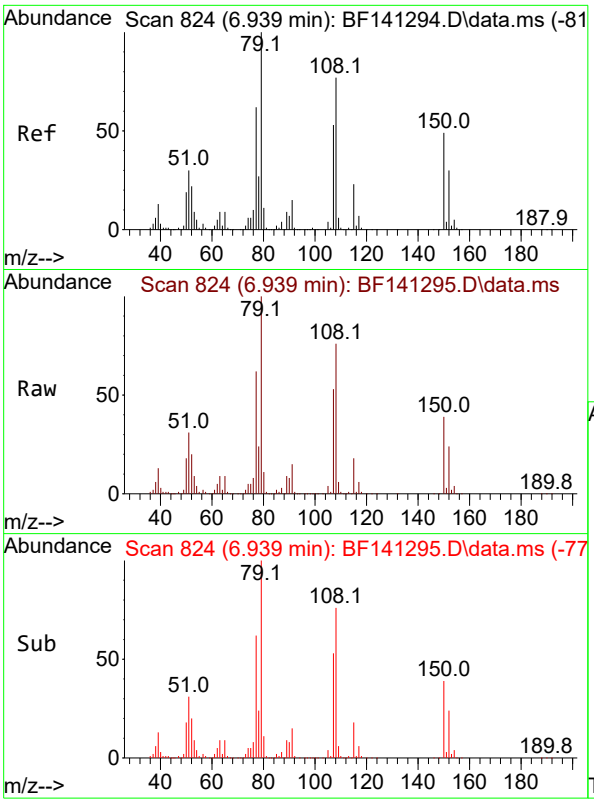


#14
1,2-Dichlorobenzene
Concen: 48.053 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:146 Resp: 454569

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
111	45.1	36.6	55.0



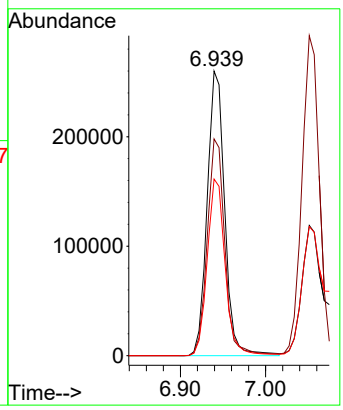


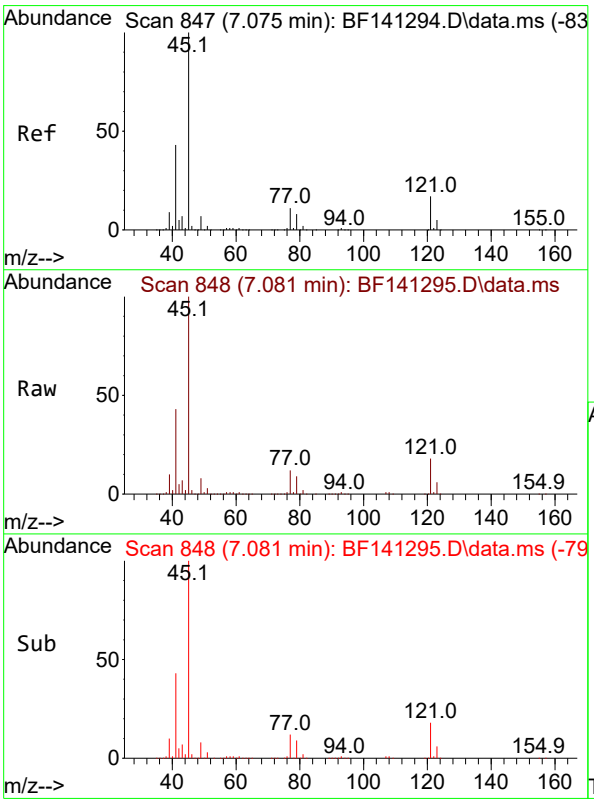
#15
Benzyl Alcohol
Concen: 50.189 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 371274

Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.4	92.0
77	62.1	49.9	74.9

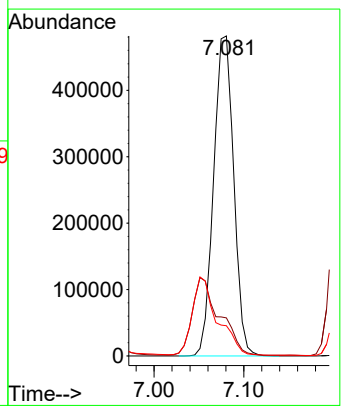


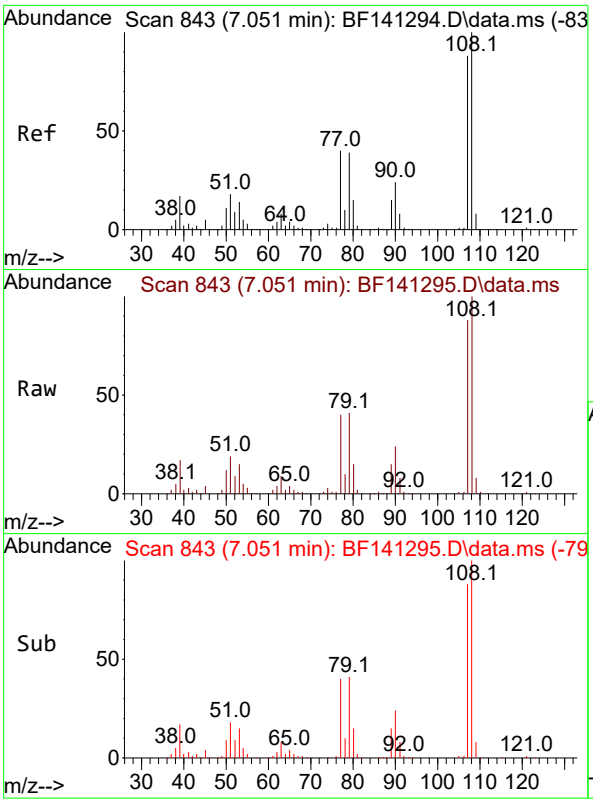


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.018 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 45 Resp: 749938

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	9.5	0.0	29.1



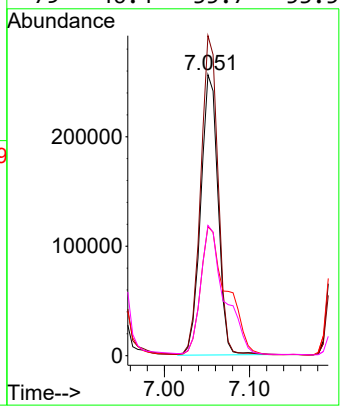


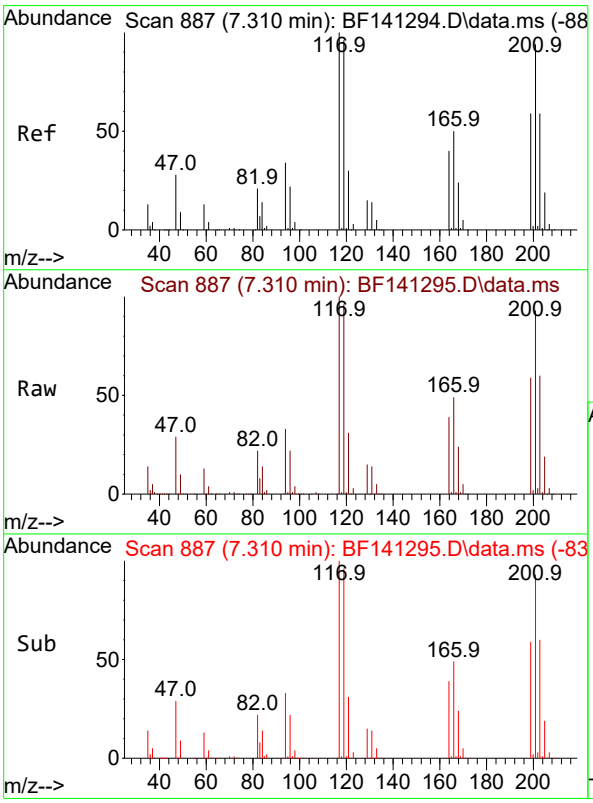
#17
2-Methylphenol
Concen: 48.765 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:107 Resp: 361469

Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	46.0	36.2	54.4
79	46.4	35.7	53.5

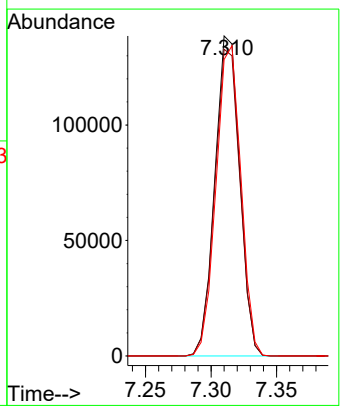


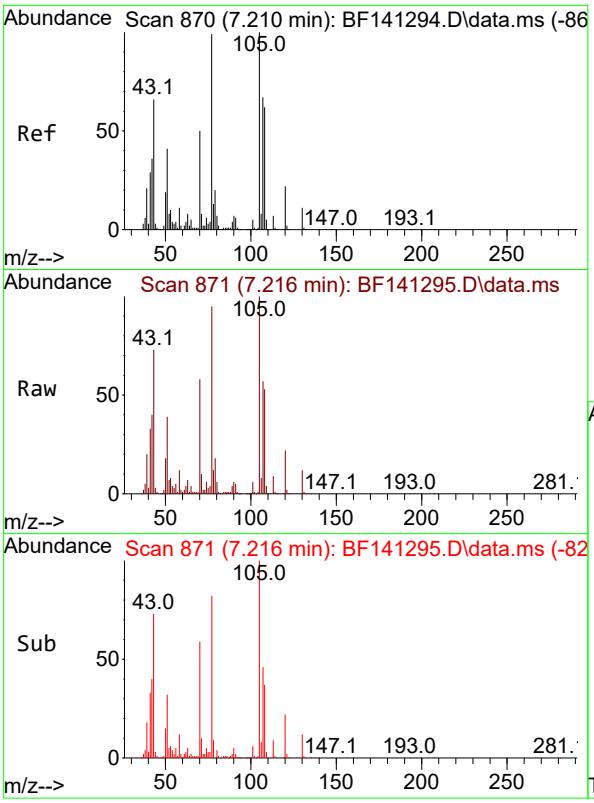


#18
Hexachloroethane
Concen: 49.085 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:117 Resp: 182933

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	92.7	74.8	112.2



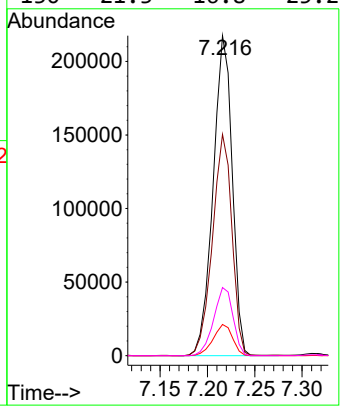


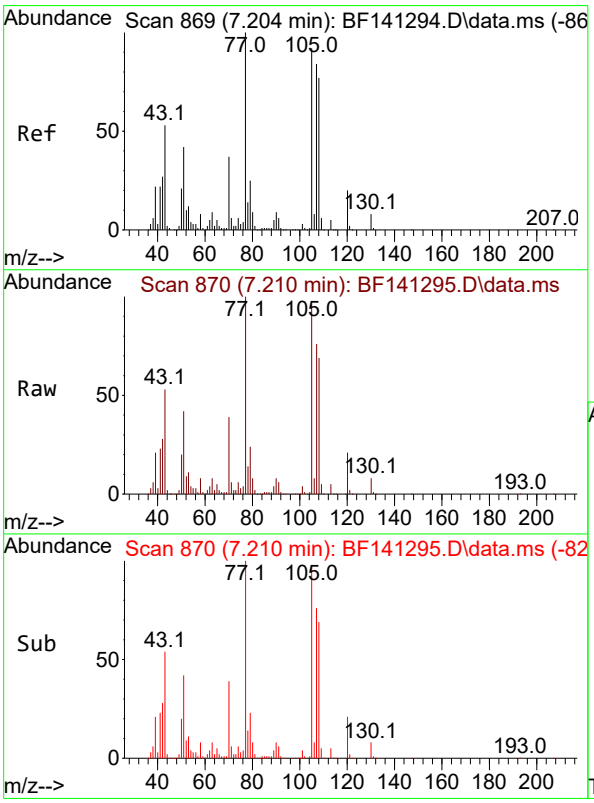
#19
n-Nitroso-di-n-propylamine
Concen: 47.535 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 305749

Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.8	85.2
101	9.7	7.7	11.5
130	21.3	16.8	25.2

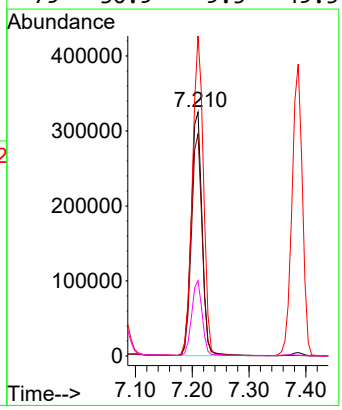


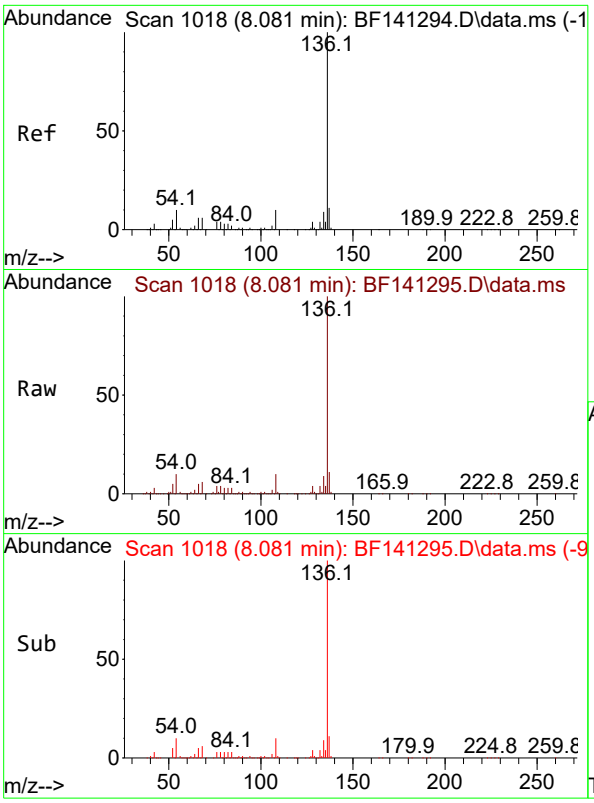


#20
3+4-Methylphenols
Concen: 47.767 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 434743

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.9	110.9
77	131.3	98.5	138.5
79	30.9	9.5	49.5



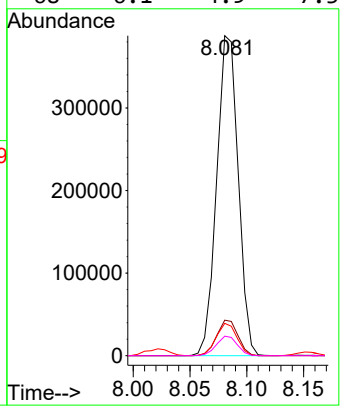


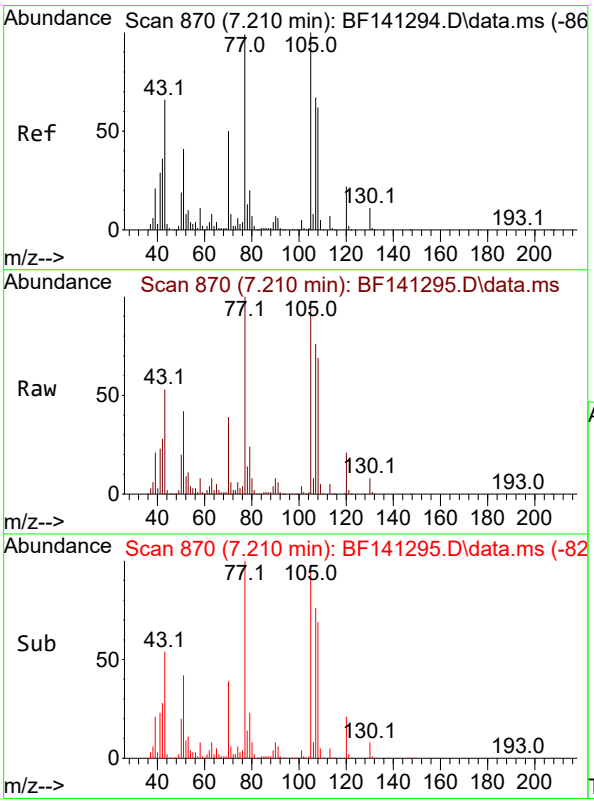
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:136 Resp: 511843

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.1	7.8	11.8
68	6.1	4.9	7.3

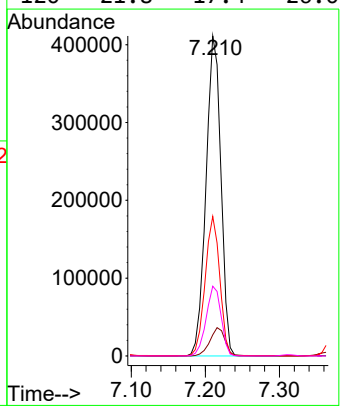


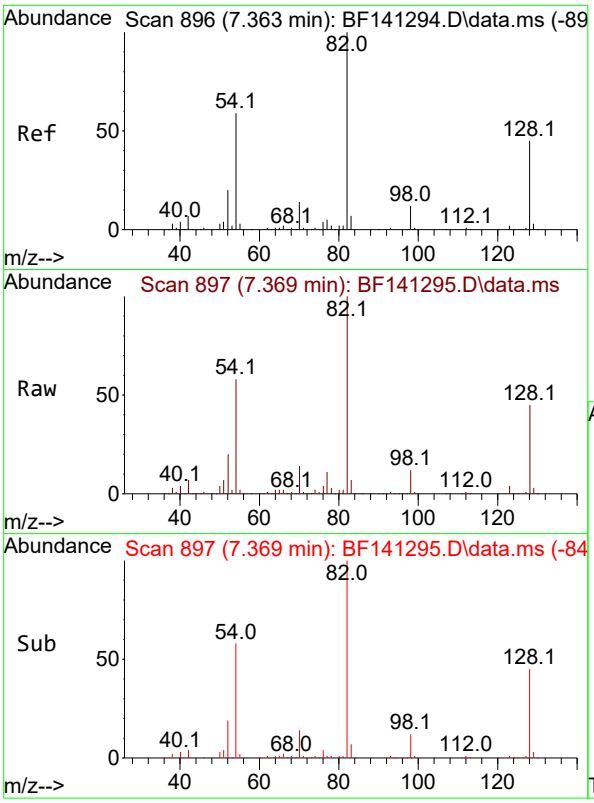


#22
Acetophenone
Concen: 47.236 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:105 Resp: 574700

Ion	Ratio	Lower	Upper
105	100		
71	6.6	6.8	10.2#
51	43.6	32.6	49.0
120	21.8	17.4	26.0



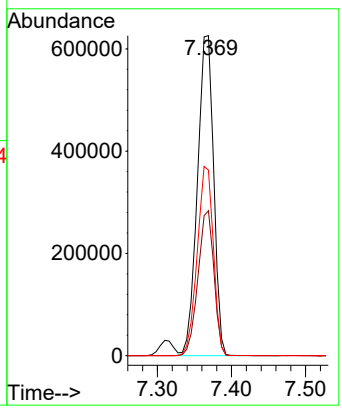


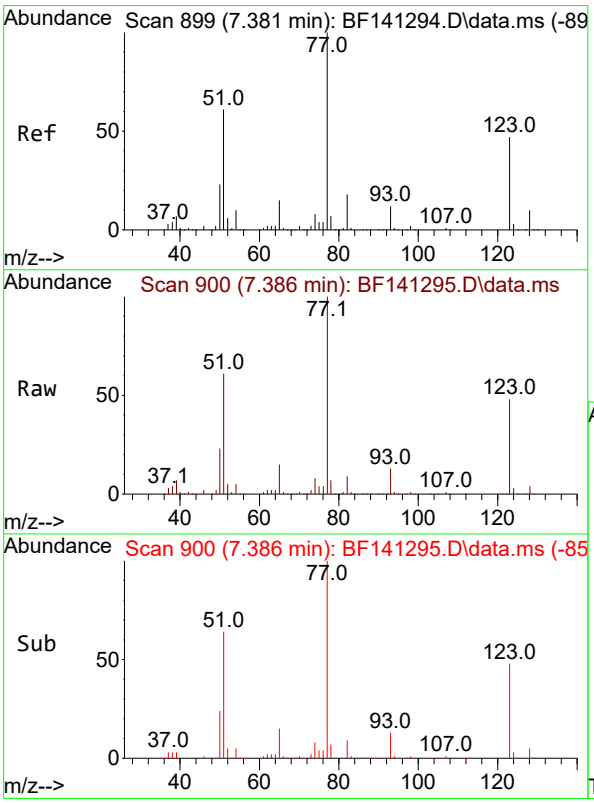
#23
Nitrobenzene-d5
Concen: 98.397 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 955368

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.7	53.5
54	58.0	47.1	70.7

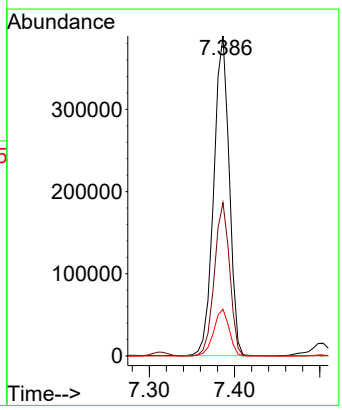


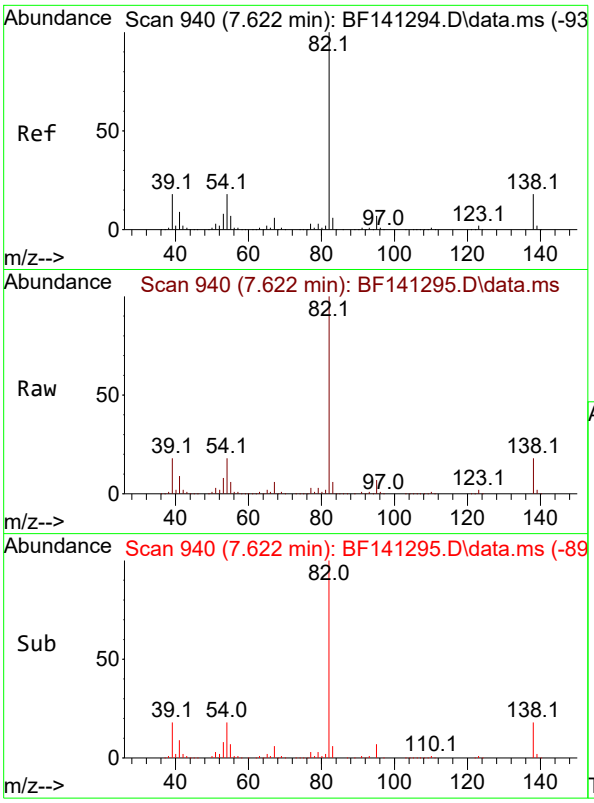


#24
Nitrobenzene
Concen: 48.906 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 77 Resp: 492082

Ion	Ratio	Lower	Upper
77	100		
123	47.9	37.3	55.9
65	14.6	11.8	17.6



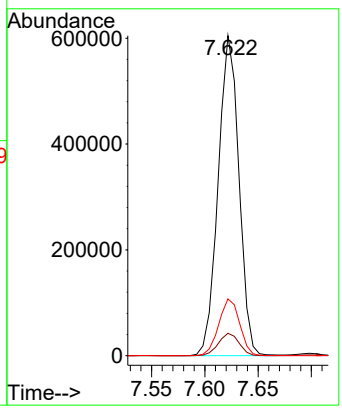


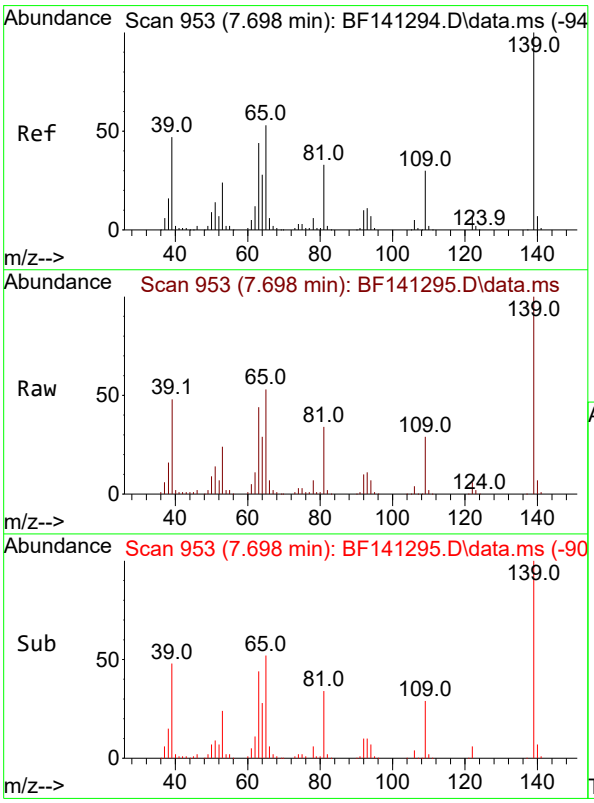
#25
Isophorone
Concen: 48.768 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 818496

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.7	14.7	22.1

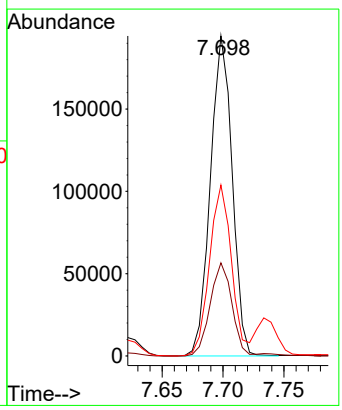


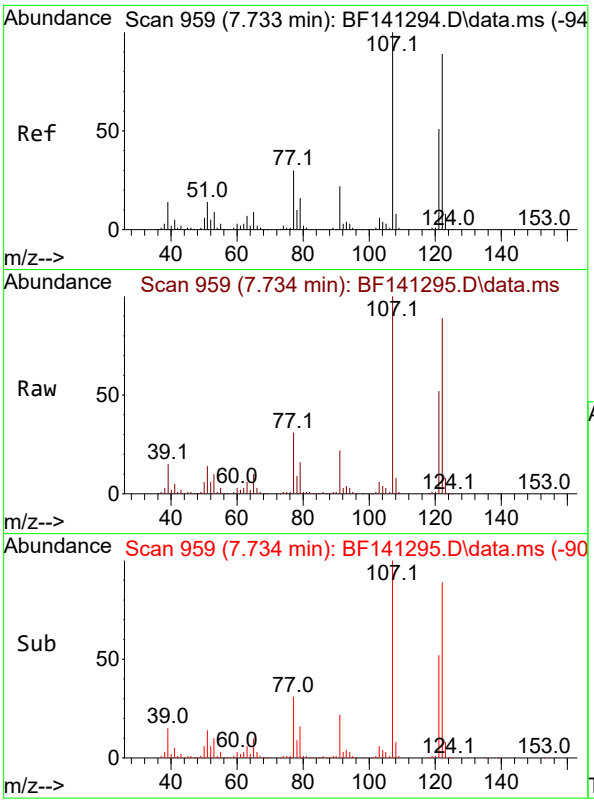


#26
2-Nitrophenol
Concen: 51.045 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 242228

Ion	Ratio	Lower	Upper
139	100		
109	29.1	23.8	35.6
65	53.4	42.2	63.4



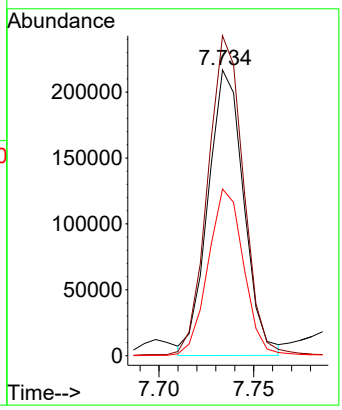


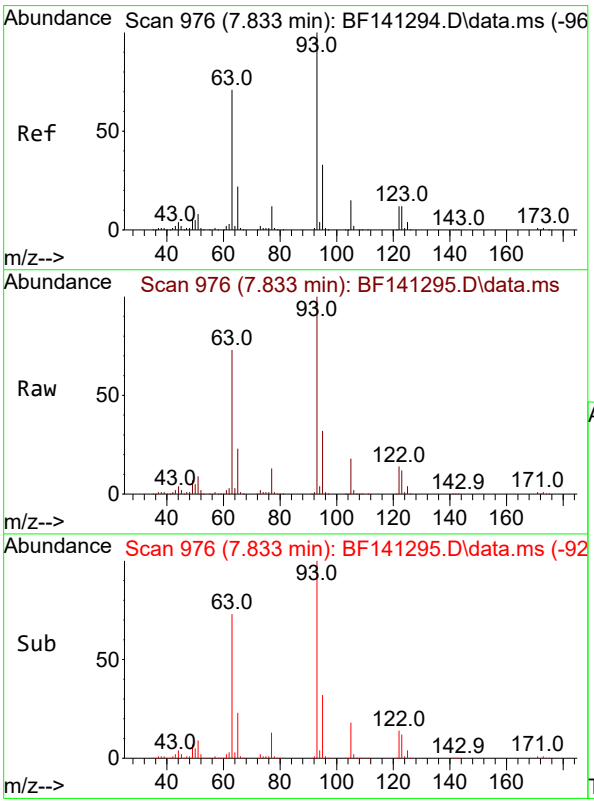
#27
2,4-Dimethylphenol
Concen: 46.999 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:122 Resp: 283877

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.9	134.9
121	58.3	46.1	69.1

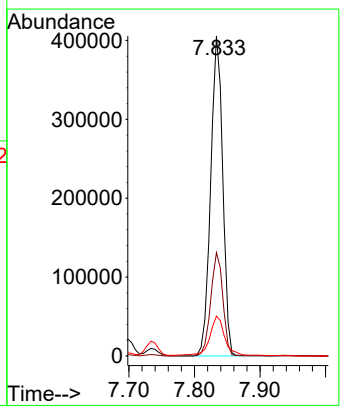


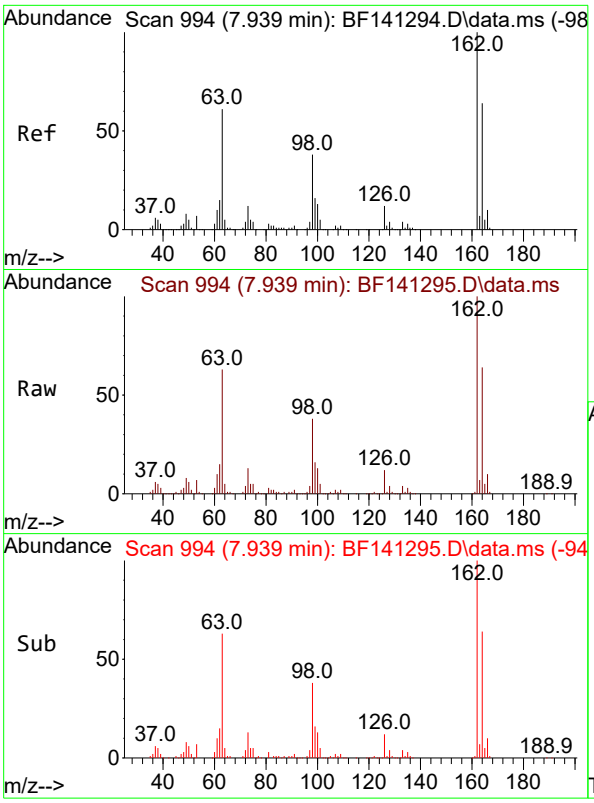


#28
bis(2-Chloroethoxy)methane
Concen: 48.463 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 93 Resp: 518825

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.4	10.2	15.4



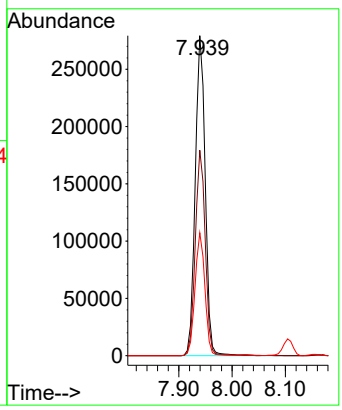


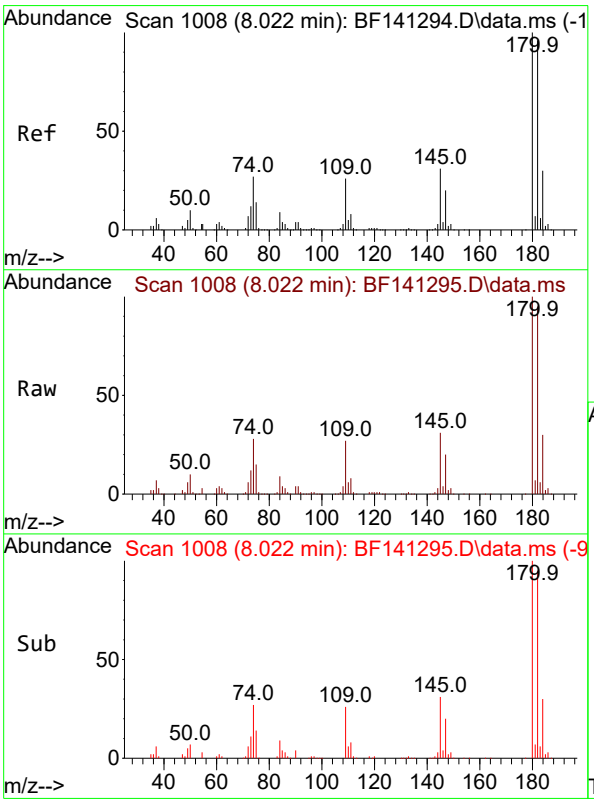
#29
2,4-Dichlorophenol
Concen: 49.129 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 363275

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.4	18.2	58.2

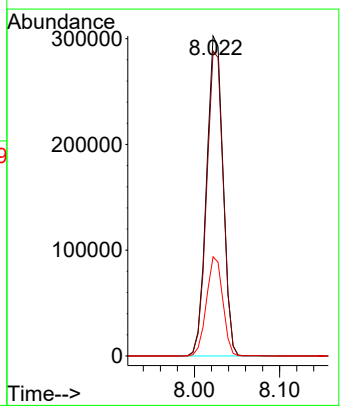


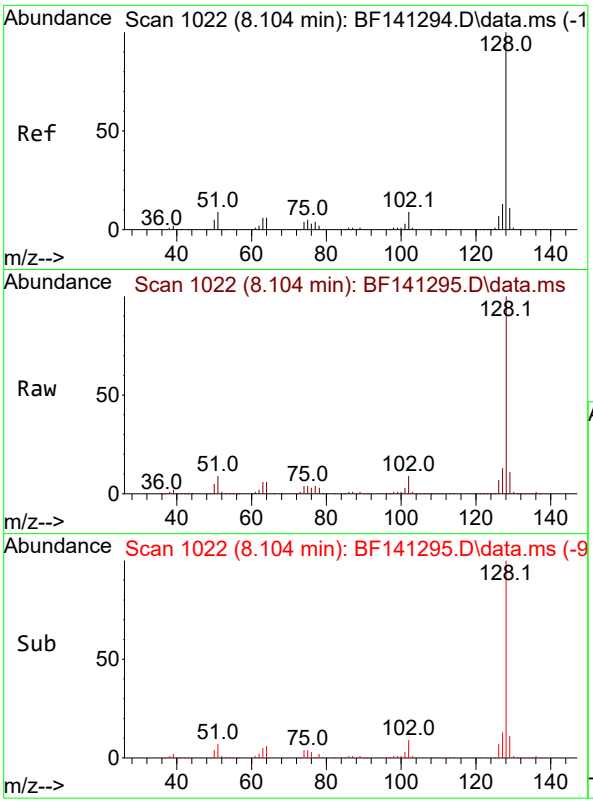


#30
1,2,4-Trichlorobenzene
Concen: 48.145 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:180 Resp: 406562

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
145	31.0	24.9	37.3



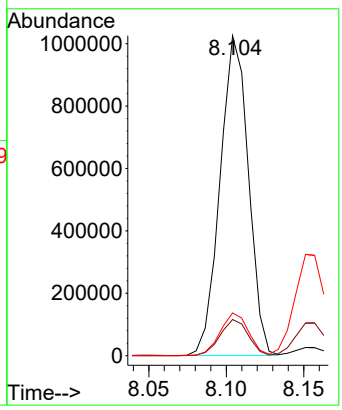


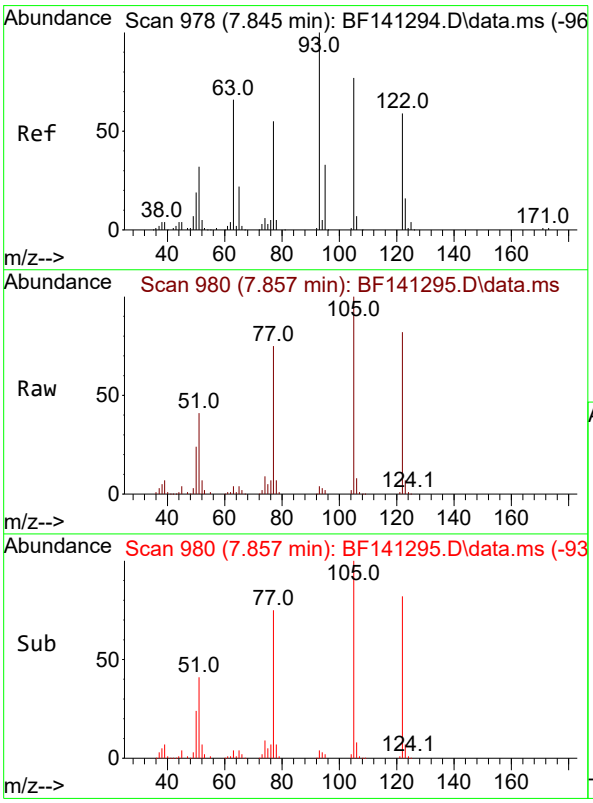
#31
Naphthalene
Concen: 48.254 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 1304758

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.3	10.6	15.8

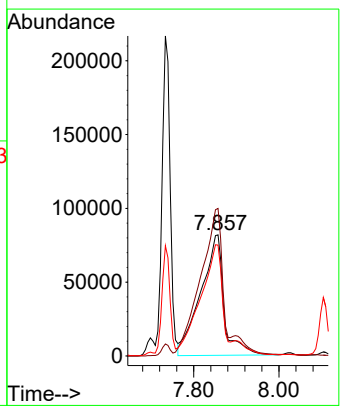


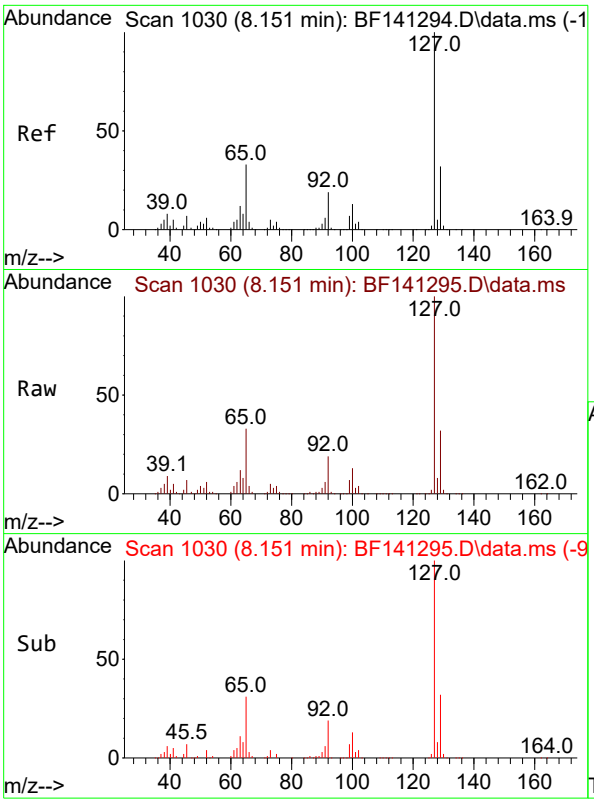


#32
Benzoic acid
Concen: 55.565 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:122 Resp: 308525

Ion	Ratio	Lower	Upper
122	100		
105	121.7	103.4	143.4
77	91.5	70.9	110.9



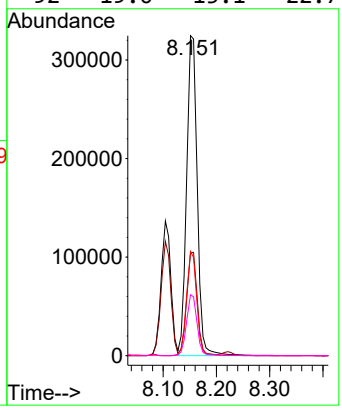


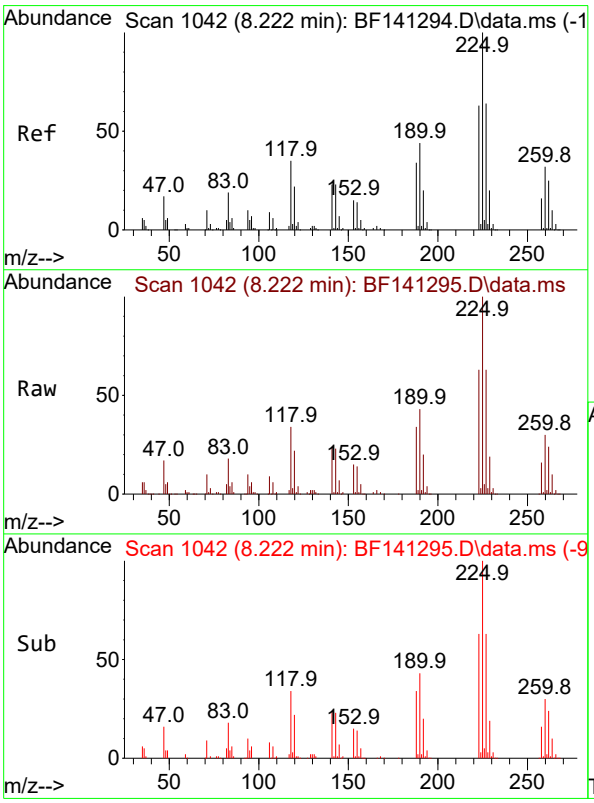
#33
4-Chloroaniline
Concen: 49.028 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:127 Resp: 449543

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	32.6	26.4	39.6
92	19.0	15.1	22.7

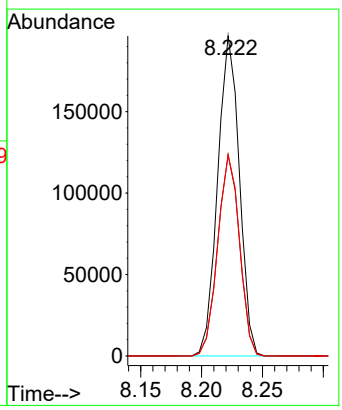


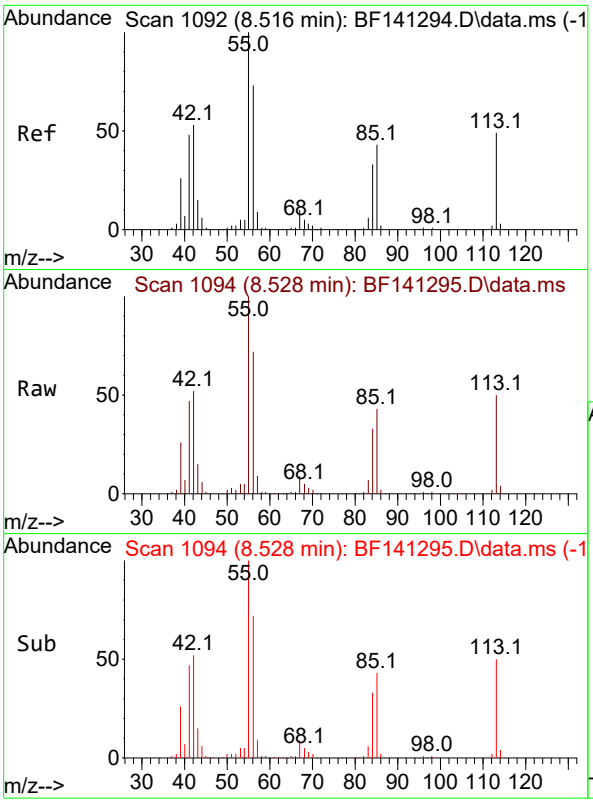


#34
Hexachlorobutadiene
Concen: 49.132 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:225 Resp: 243308

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	62.9	51.3	76.9



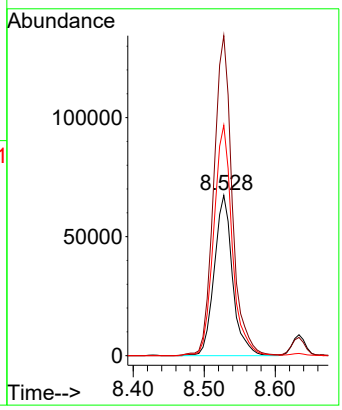


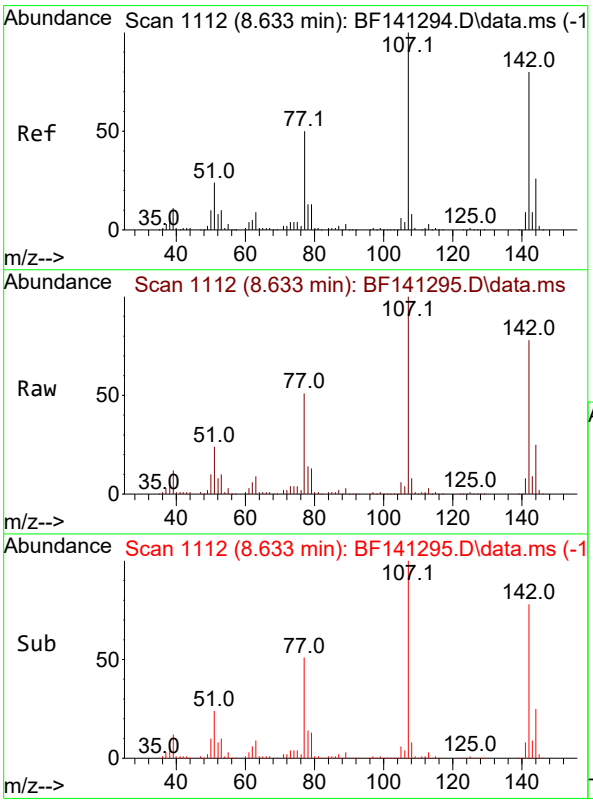
#35
Caprolactam
Concen: 49.724 ng
RT: 8.528 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 120078

Ion	Ratio	Lower	Upper
113	100		
55	199.5	182.9	222.9
56	143.7	127.9	167.9

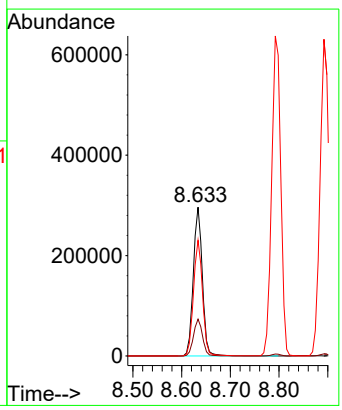


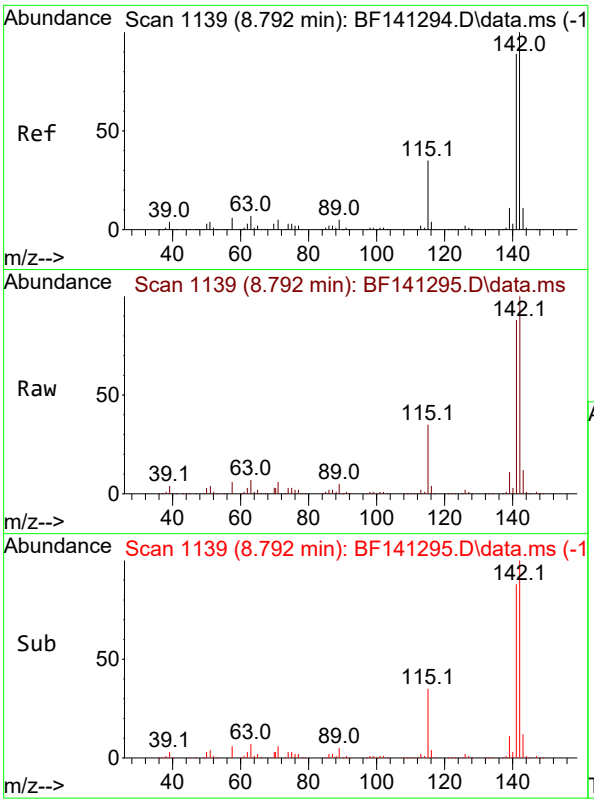


#36
4-Chloro-3-methylphenol
Concen: 48.627 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:107 Resp: 385683

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.7	63.8	95.8



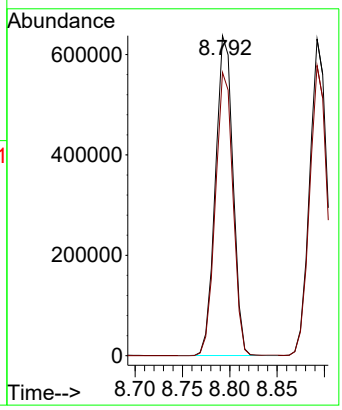


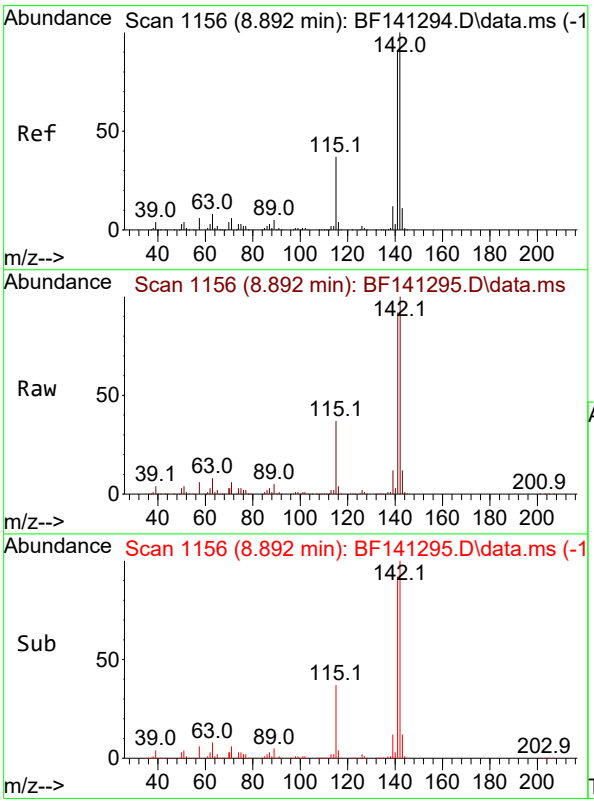
#37
2-Methylnaphthalene
Concen: 47.888 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 822986

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9

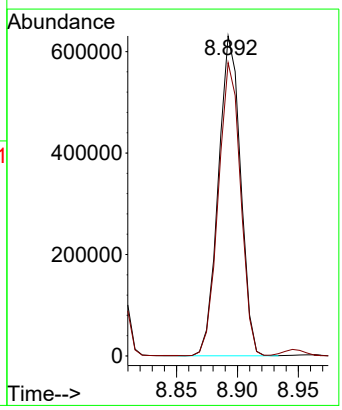


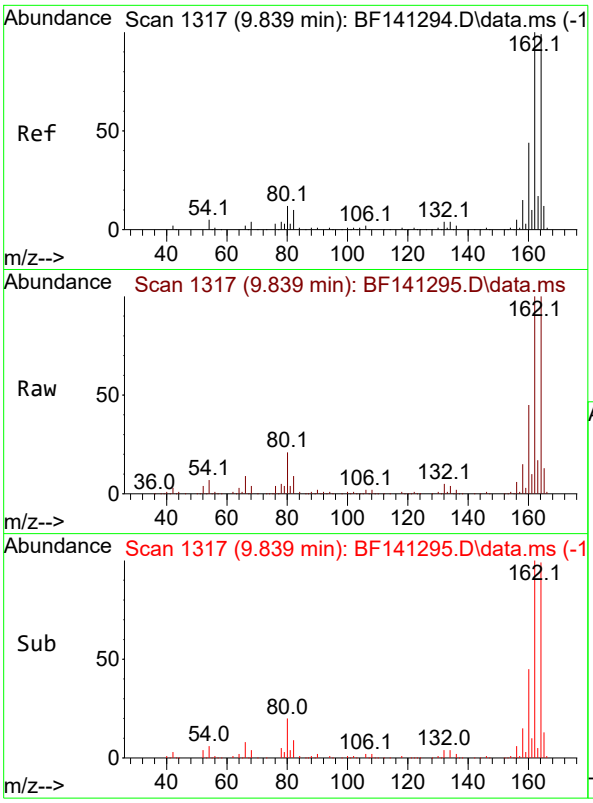


#38
1-Methylnaphthalene
Concen: 47.337 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:142 Resp: 799136

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8



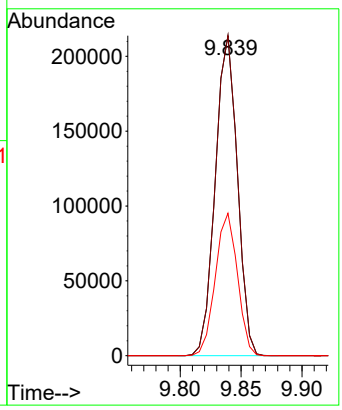


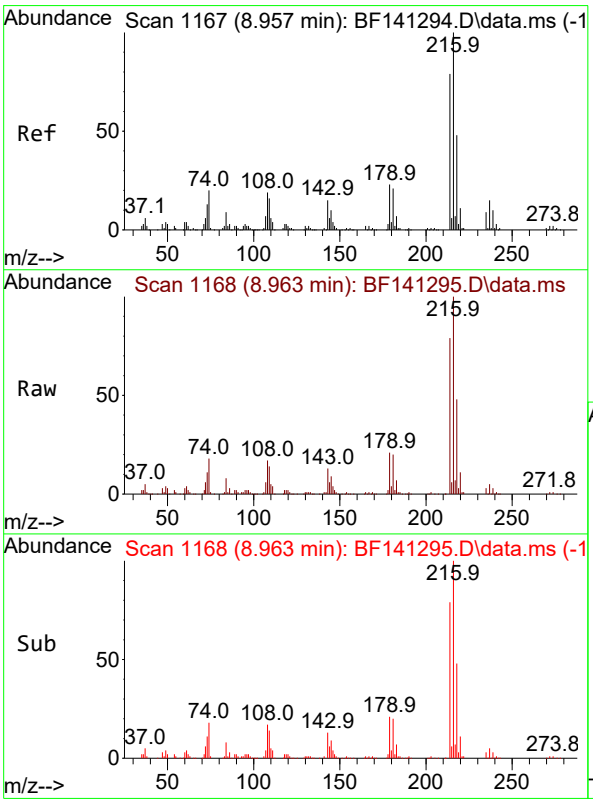
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:164 Resp: 269662

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.5	35.8	53.6

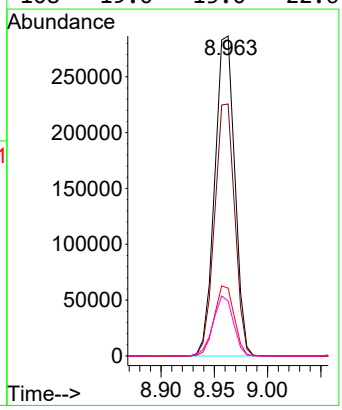


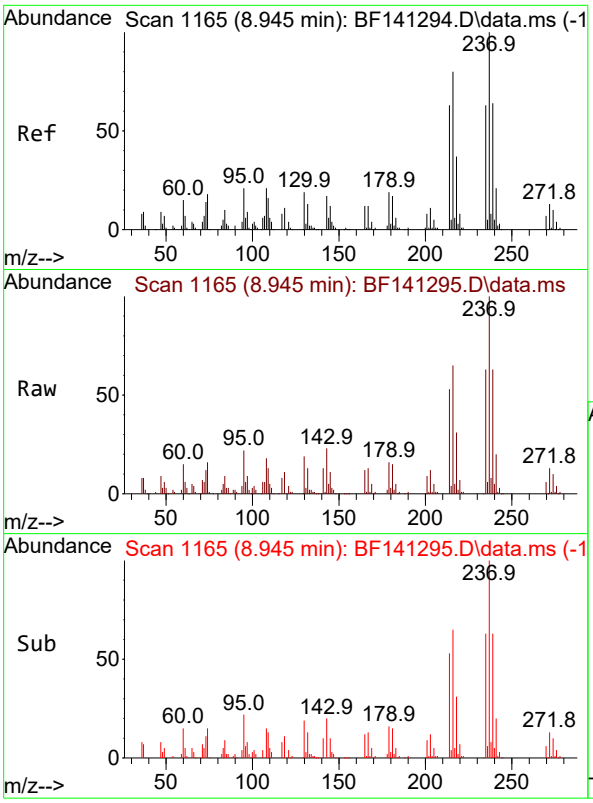


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.747 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:216 Resp: 373963

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	21.7	17.8	26.8
108	19.0	15.0	22.6



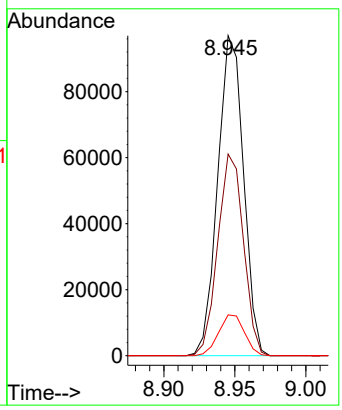


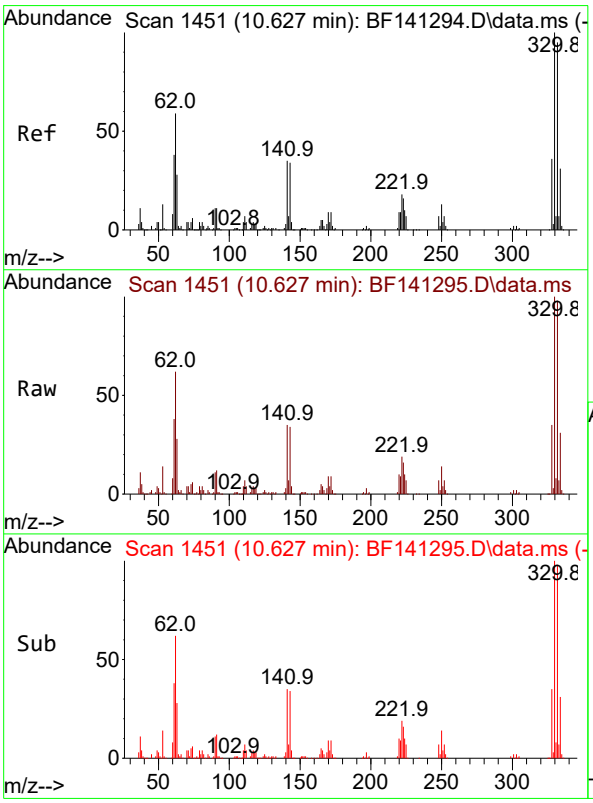
#41
Hexachlorocyclopentadiene
Concen: 54.055 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:237 Resp: 122470

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.9	82.9
272	12.7	0.0	32.8

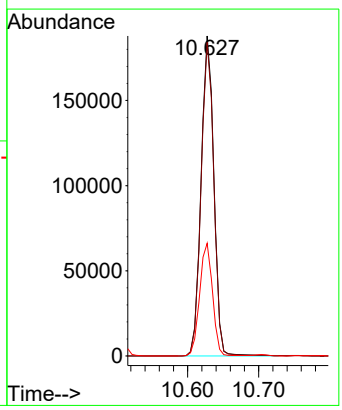


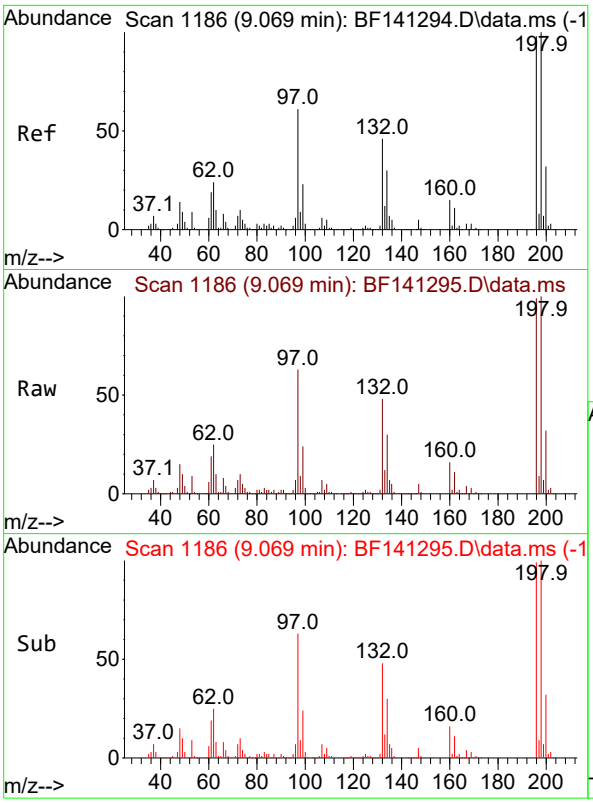


#42
2,4,6-Tribromophenol
Concen: 95.415 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:330 Resp: 235884

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.1	114.1
141	35.4	28.8	43.2



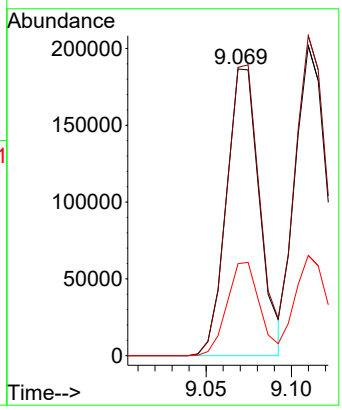


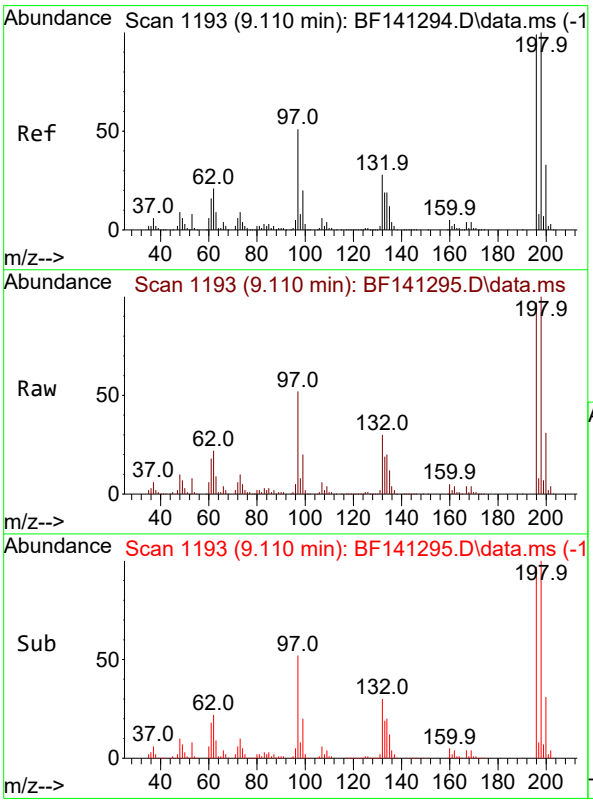
#43
2,4,6-Trichlorophenol
Concen: 50.380 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:196 Resp: 252974

Ion	Ratio	Lower	Upper
196	100		
198	100.5	81.8	122.6
200	32.1	26.3	39.5

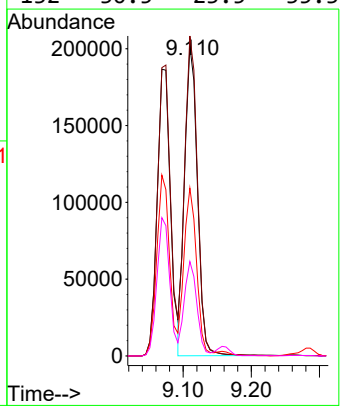


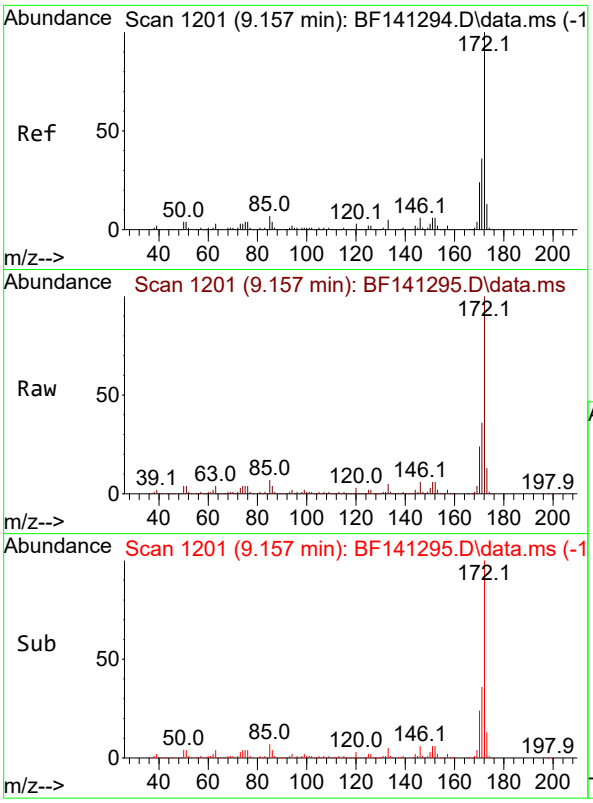


#44
2,4,5-Trichlorophenol
Concen: 48.260 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:196 Resp: 263745

Ion	Ratio	Lower	Upper
196	100		
198	103.2	80.5	120.7
97	54.1	42.8	64.2
132	30.5	23.5	35.3



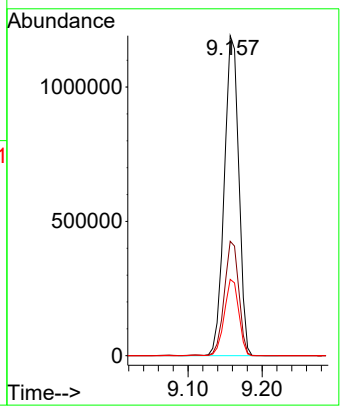


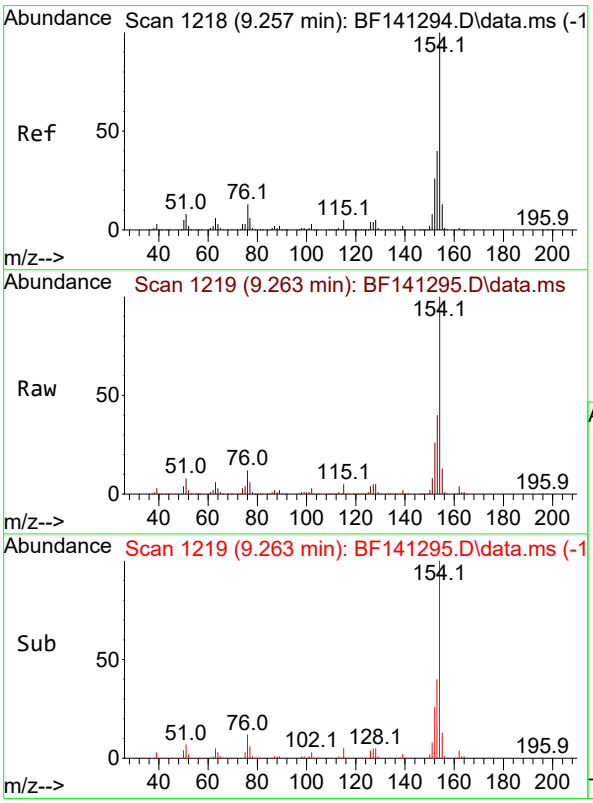
#45
2-Fluorobiphenyl
Concen: 92.514 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:172 Resp: 1620825

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.8	19.0	28.6

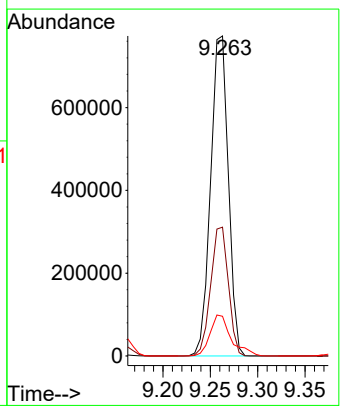


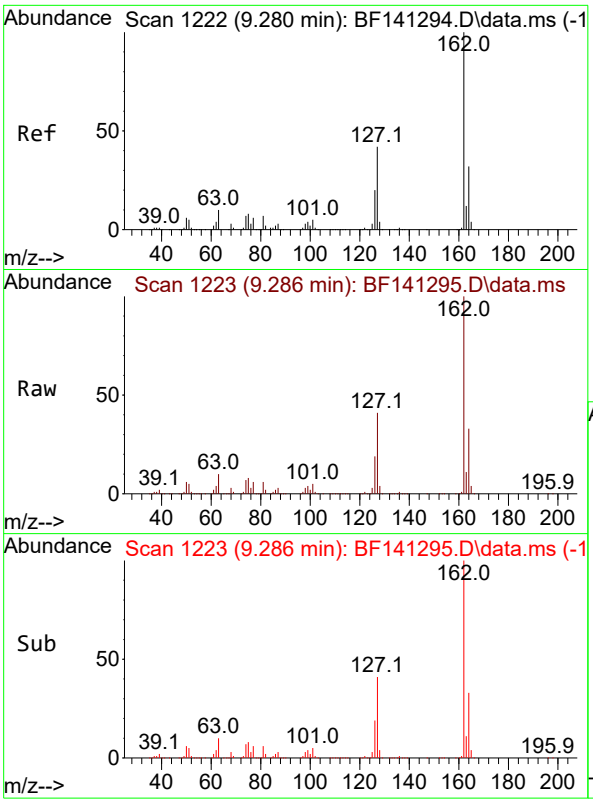


#46
1,1'-Biphenyl
Concen: 47.825 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 1005774

Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.0	60.0
76	12.4	0.0	32.8



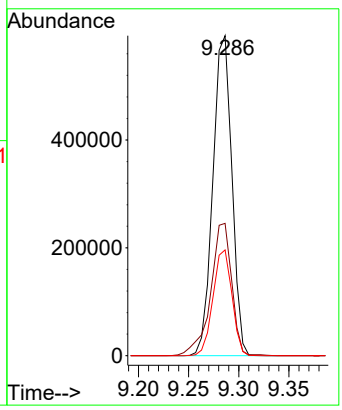


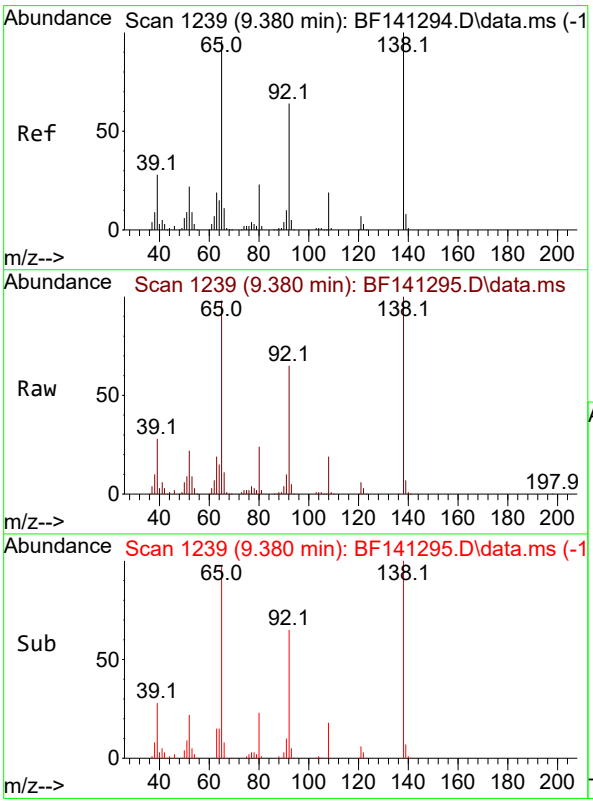
#47
2-Chloronaphthalene
Concen: 47.683 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:162 Resp: 781613

Ion	Ratio	Lower	Upper
162	100		
127	41.3	33.7	50.5
164	33.0	25.9	38.9

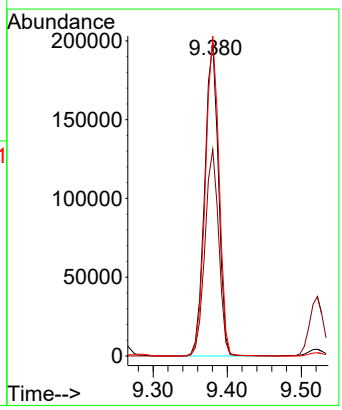


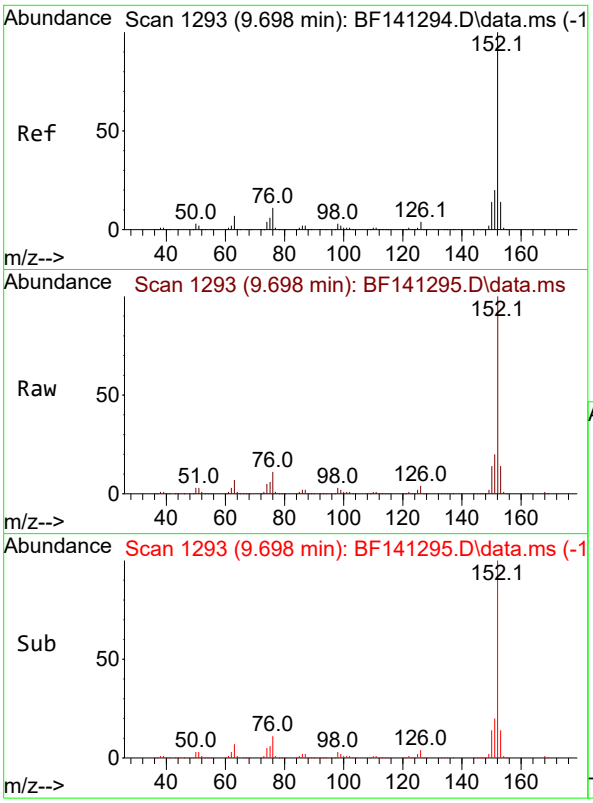


#48
2-Nitroaniline
Concen: 49.884 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion: 65 Resp: 257199

Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.3	79.9
138	102.3	83.6	125.4



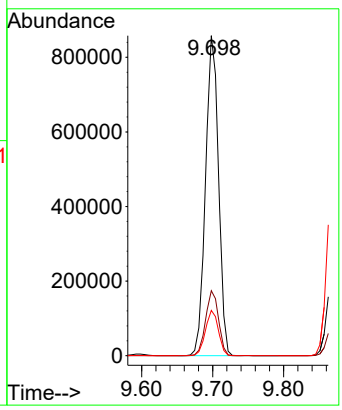


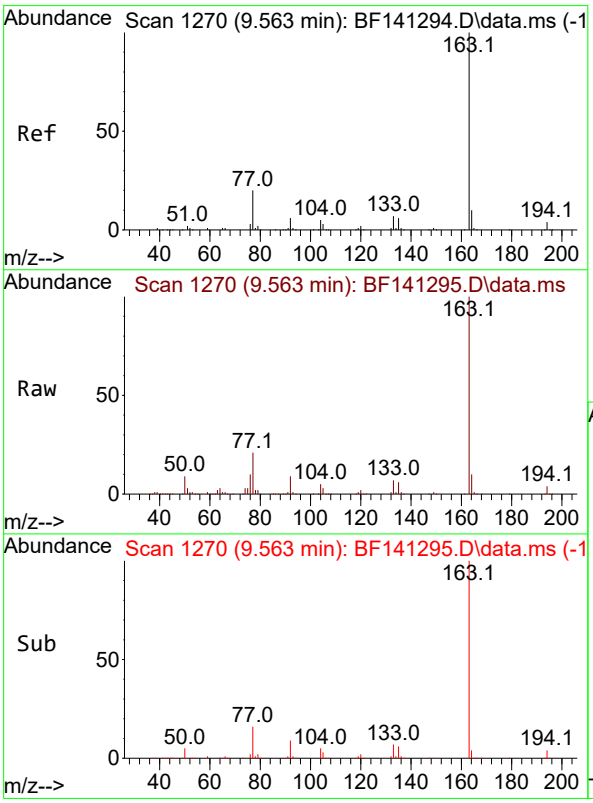
#49
Acenaphthylene
Concen: 47.600 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:152 Resp: 1092234

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.2	11.0	16.6

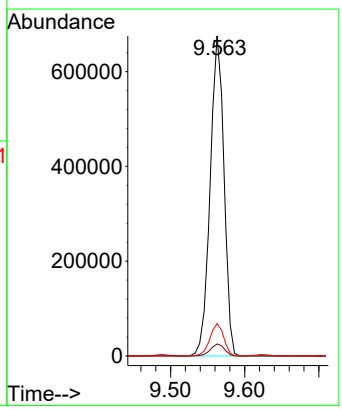


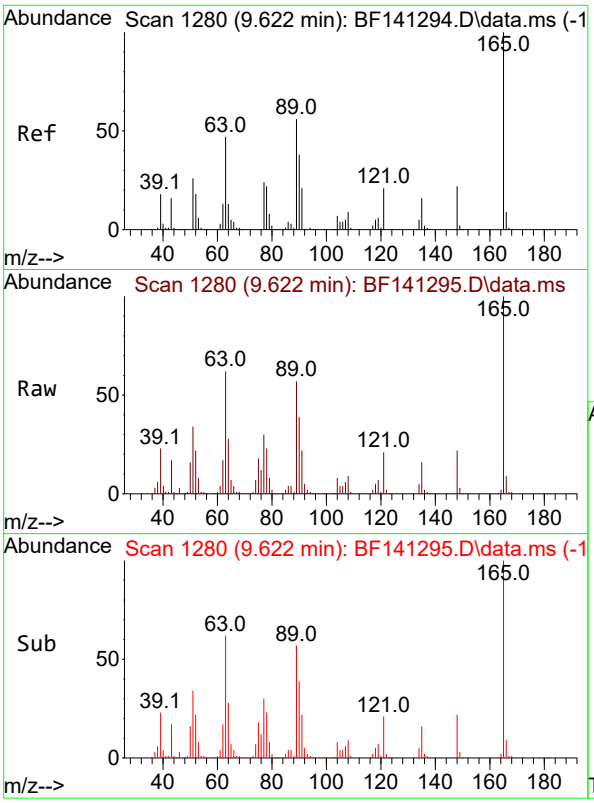


#50
Dimethylphthalate
Concen: 48.074 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:163 Resp: 875569

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.1	8.0	12.0



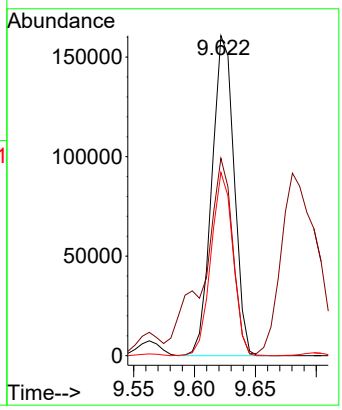


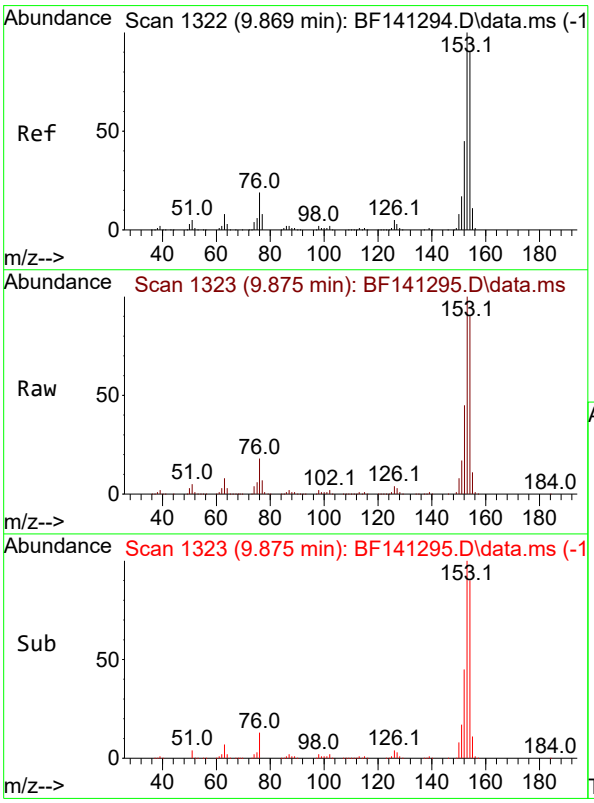
#51
2,6-Dinitrotoluene
Concen: 48.457 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 204917

Ion	Ratio	Lower	Upper
165	100		
63	61.7	48.1	72.1
89	57.3	44.9	67.3

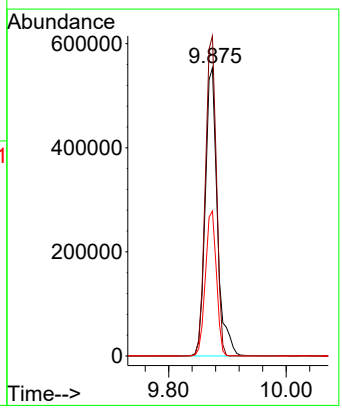


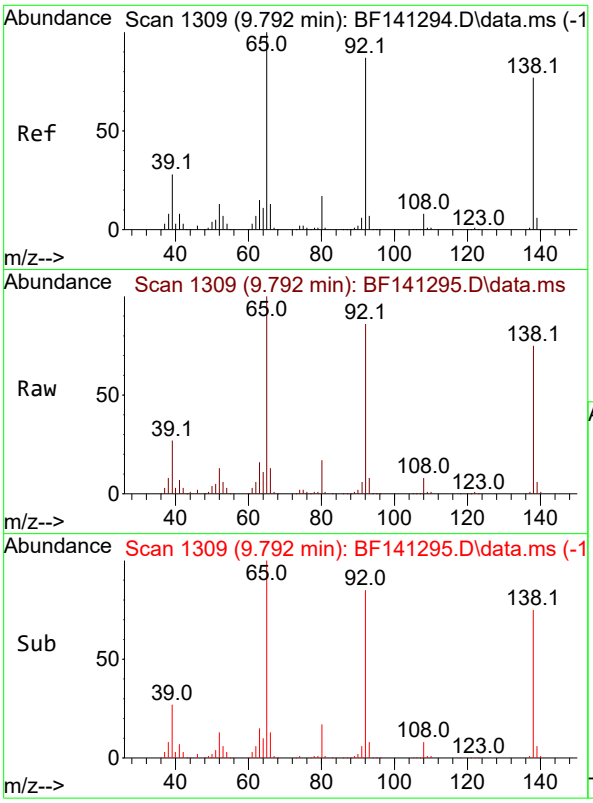


#52
Acenaphthene
Concen: 48.134 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:154 Resp: 789039

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	50.3	40.2	60.4



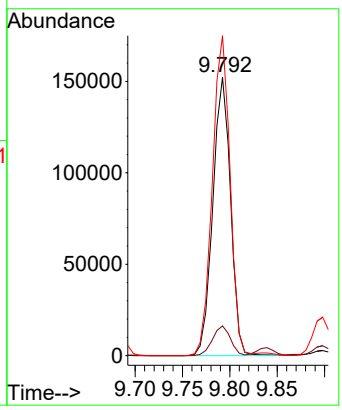


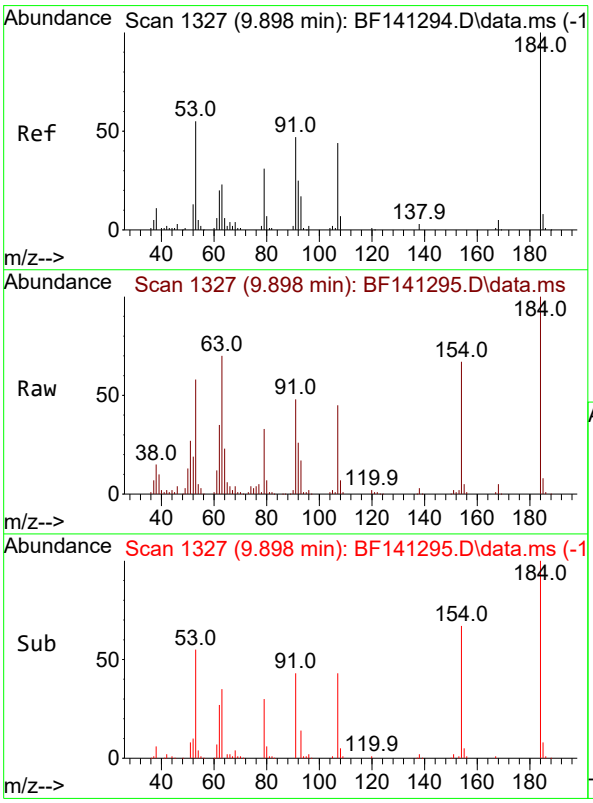
#53
3-Nitroaniline
Concen: 47.731 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:138 Resp: 197832

Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	115.0	91.0	136.6

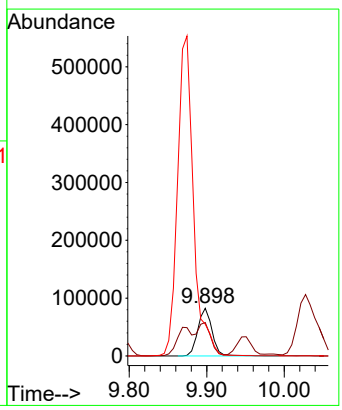


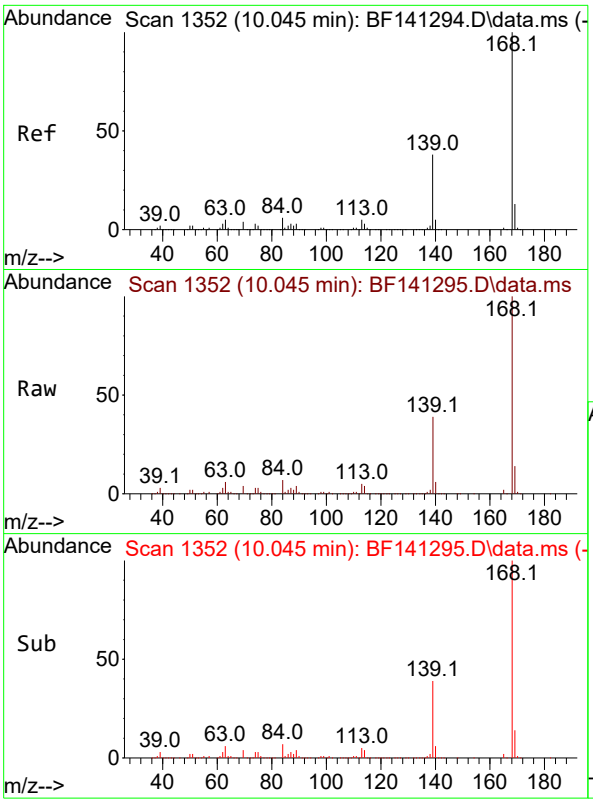


#54
2,4-Dinitrophenol
Concen: 53.573 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:184 Resp: 105313

Ion	Ratio	Lower	Upper
184	100		
63	70.3	54.1	81.1
154	66.8	50.7	76.1



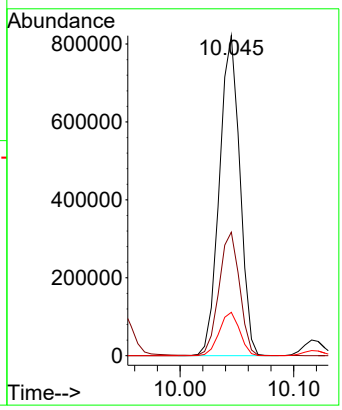


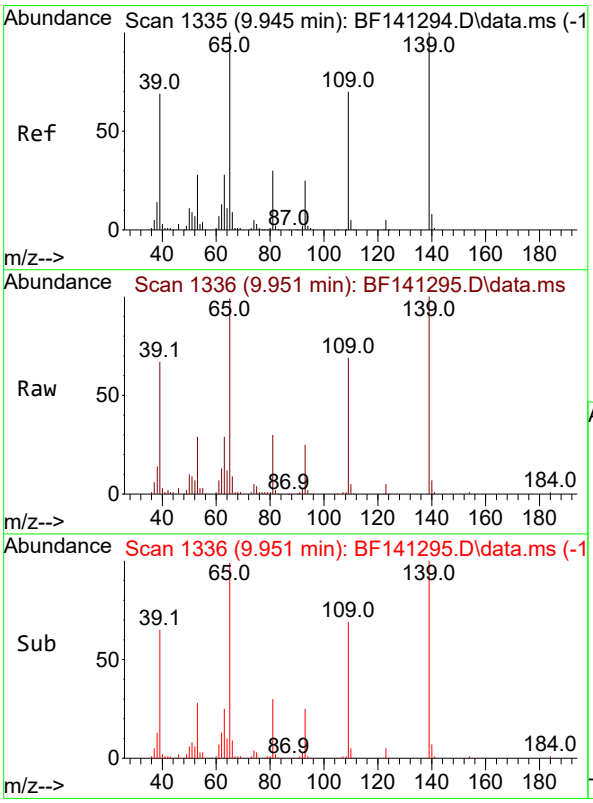
#55
Dibenzofuran
Concen: 46.858 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:168 Resp: 1028182

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	46.0
169	13.6	10.8	16.2

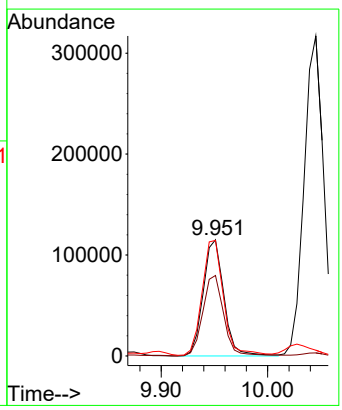


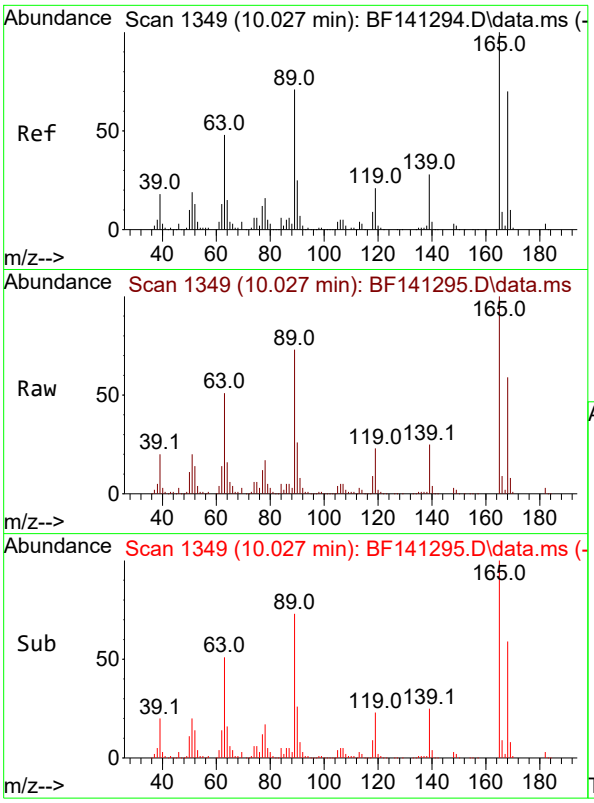


#56
4-Nitrophenol
Concen: 51.331 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:139 Resp: 155594

Ion	Ratio	Lower	Upper
139	100		
109	69.3	50.2	90.2
65	99.5	80.6	120.6



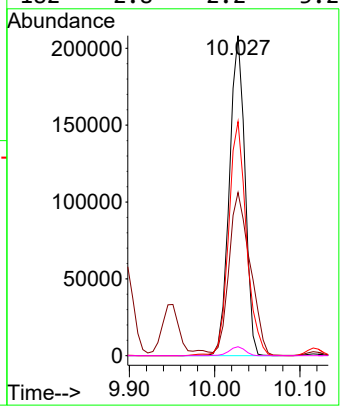


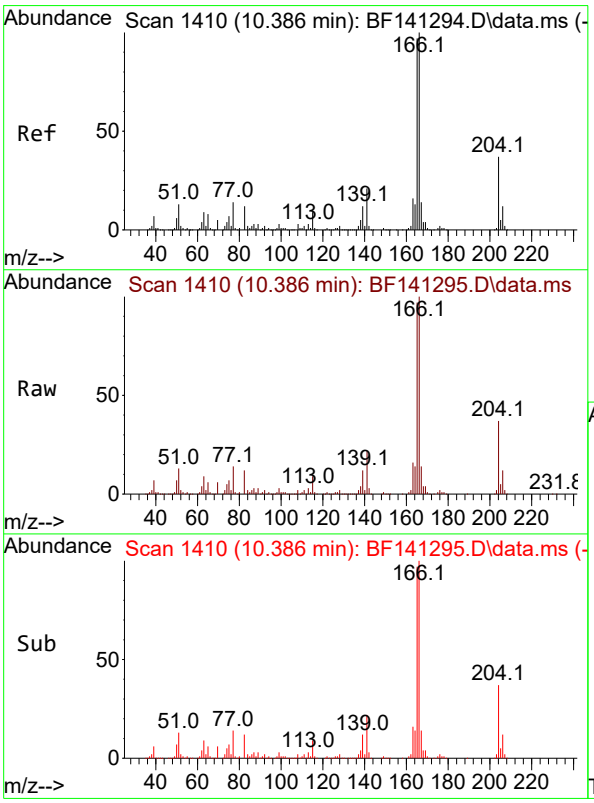
#57
2,4-Dinitrotoluene
Concen: 48.277 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 264325

Ion	Ratio	Lower	Upper
165	100		
63	51.0	39.2	58.8
89	73.1	56.9	85.3
182	2.8	2.2	3.2

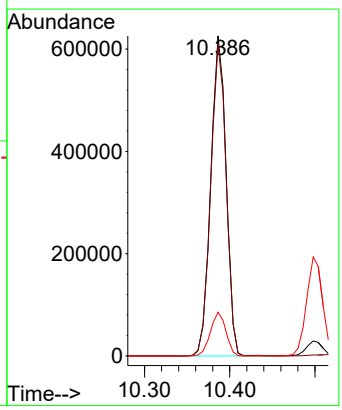


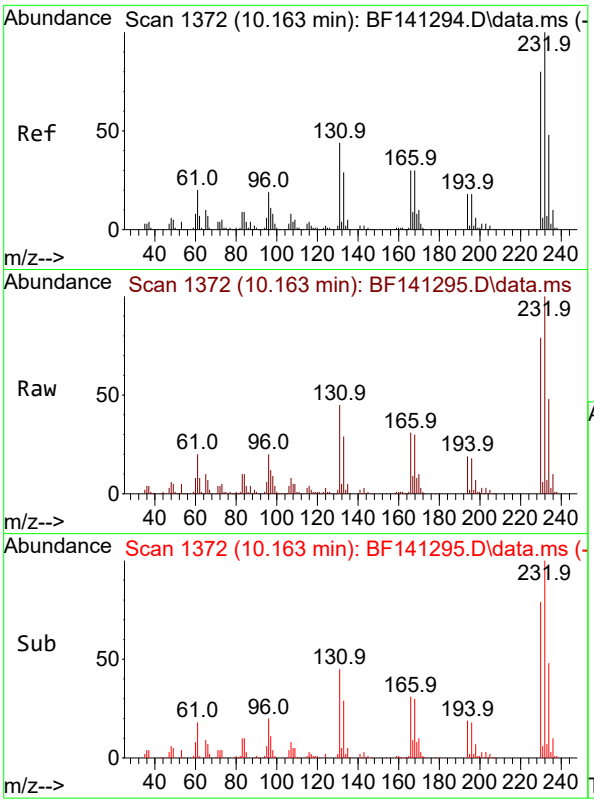


#58
Fluorene
Concen: 46.101 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:166 Resp: 784644

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.5	116.3
167	13.6	10.9	16.3



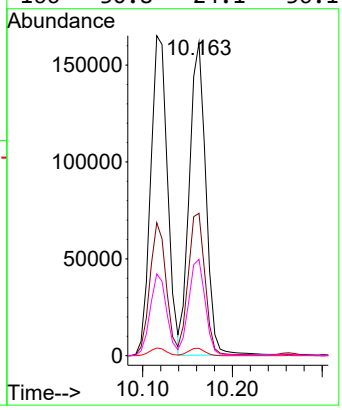


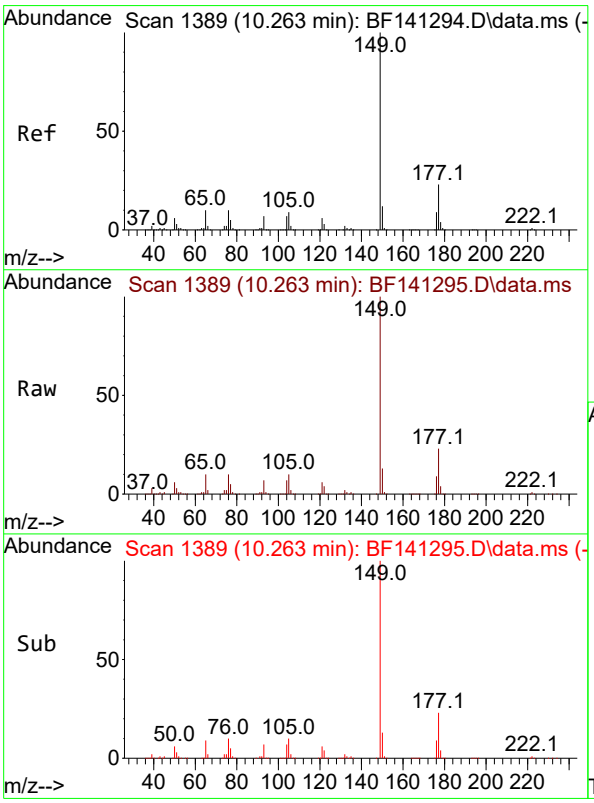
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.798 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:232 Resp: 205508

Ion	Ratio	Lower	Upper
232	100		
131	46.9	36.4	54.6
130	2.4	1.9	2.9
166	30.8	24.1	36.1

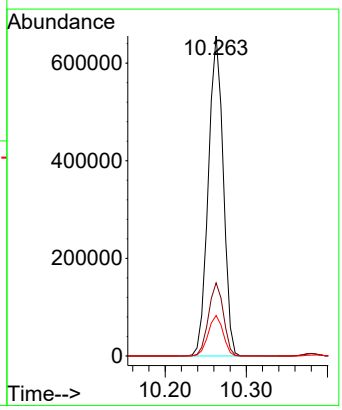


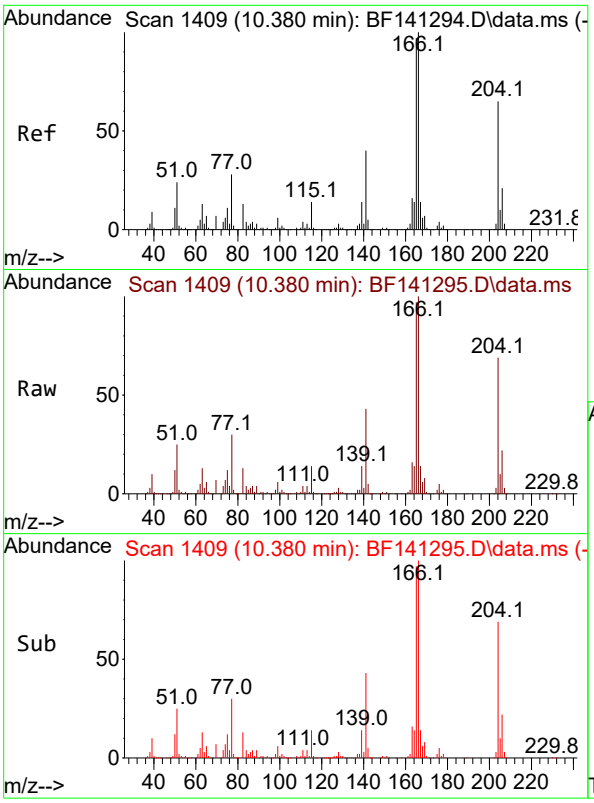


#60
Diethylphthalate
Concen: 47.272 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 834803

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.7	10.0	15.0



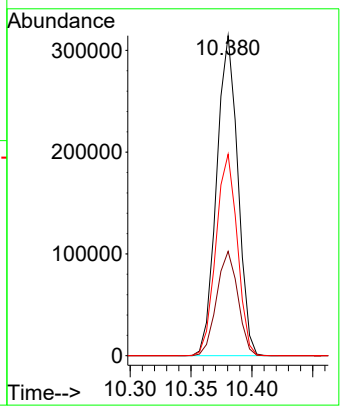


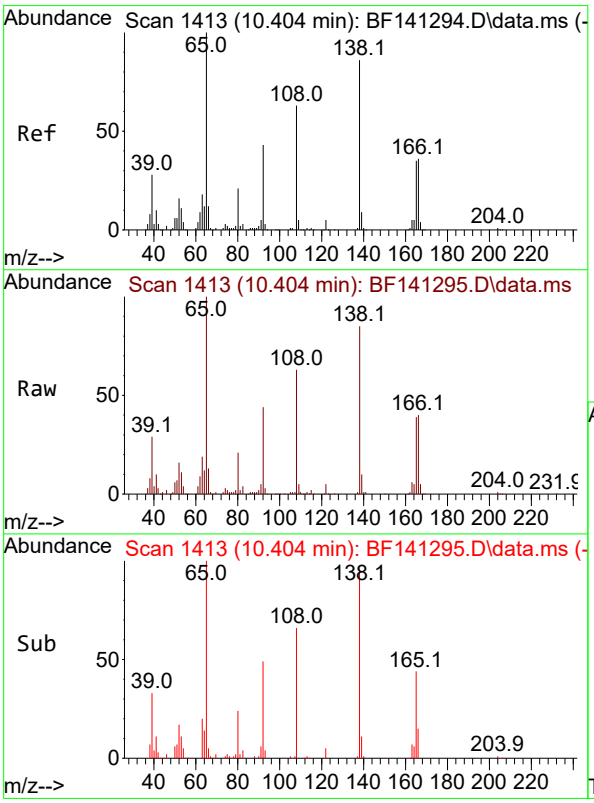
#61
4-Chlorophenyl-phenylether
Concen: 45.820 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 380948

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	62.9	49.5	74.3

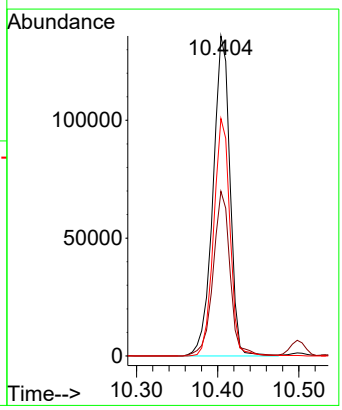


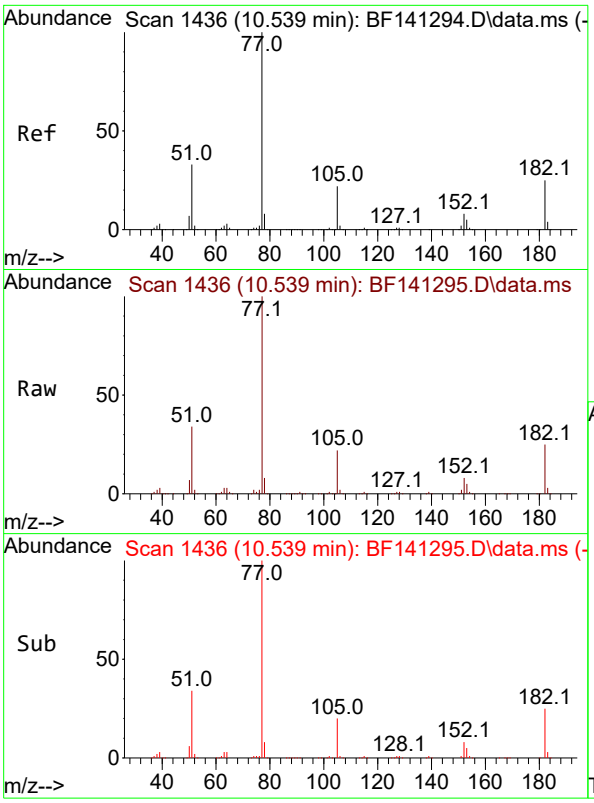


#62
4-Nitroaniline
Concen: 48.650 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:138 Resp: 198241

Ion	Ratio	Lower	Upper
138	100		
92	51.5	30.1	70.1
108	74.2	53.1	93.1



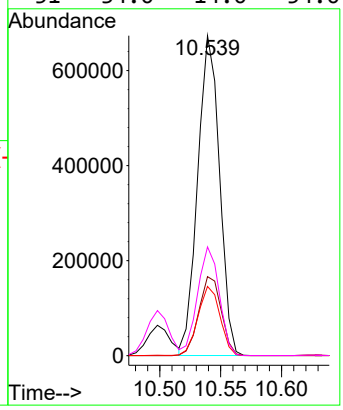


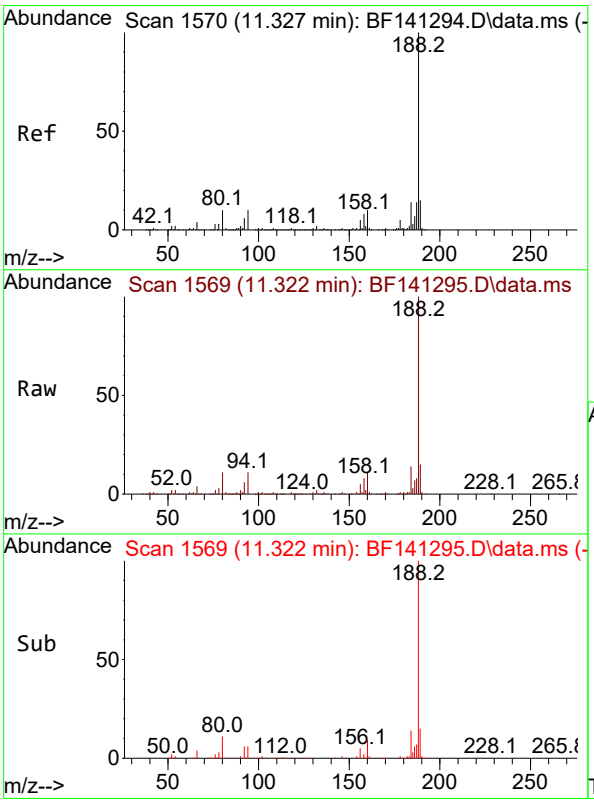
#63
Azobenzene
Concen: 47.625 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 77 Resp: 841851

Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.1	45.1
105	21.7	1.8	41.8
51	34.0	14.0	54.0

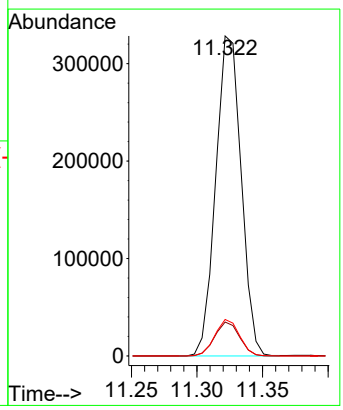


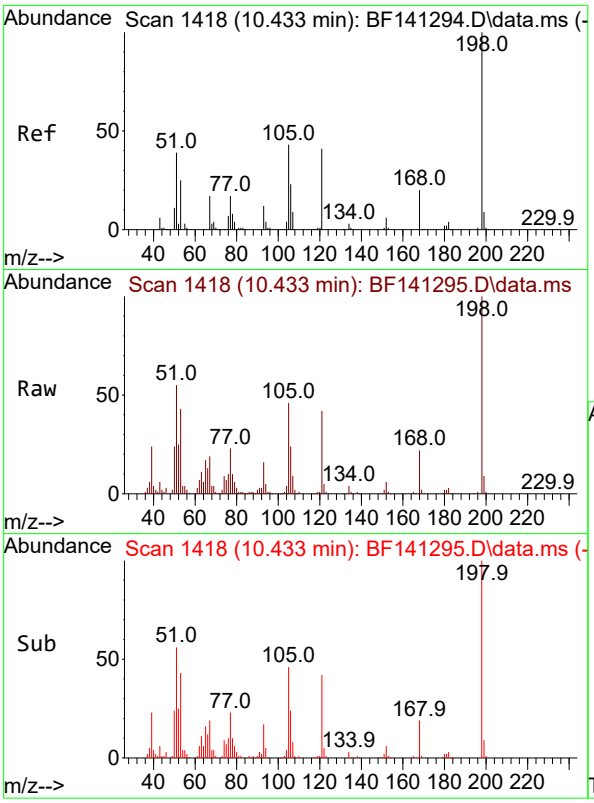


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:188 Resp: 442506

Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.6
80	11.4	8.2	12.4



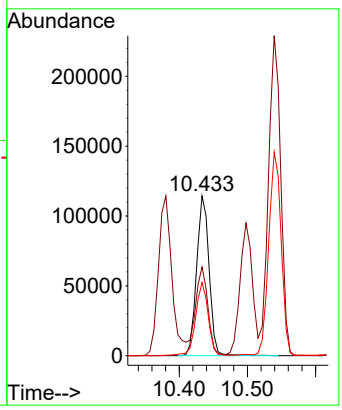


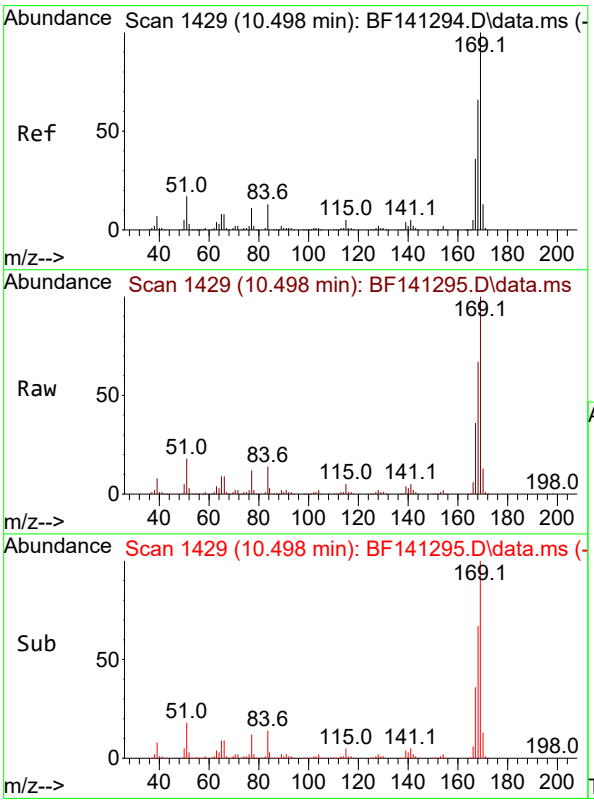
#65
4,6-Dinitro-2-methylphenol
Concen: 55.235 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 144574

Ion	Ratio	Lower	Upper
198	100		
51	55.4	33.4	73.4
105	45.8	24.4	64.4

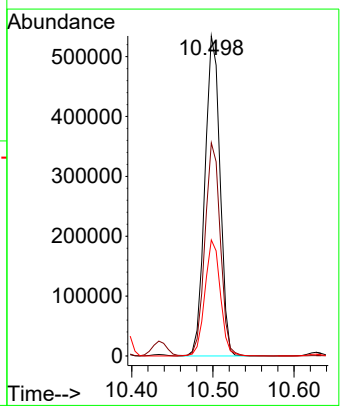


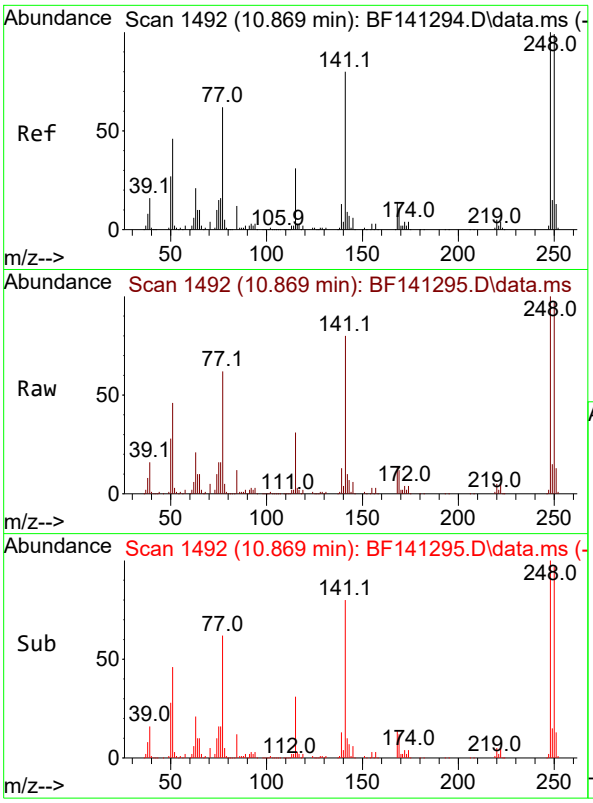


#66
n-Nitrosodiphenylamine
Concen: 48.085 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:169 Resp: 688202

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.2	28.8	43.2



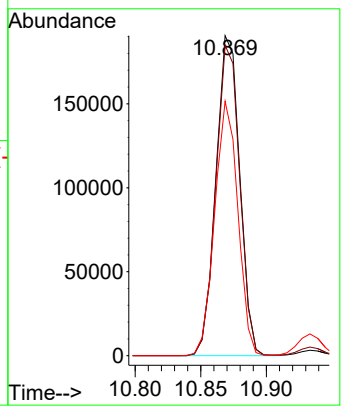


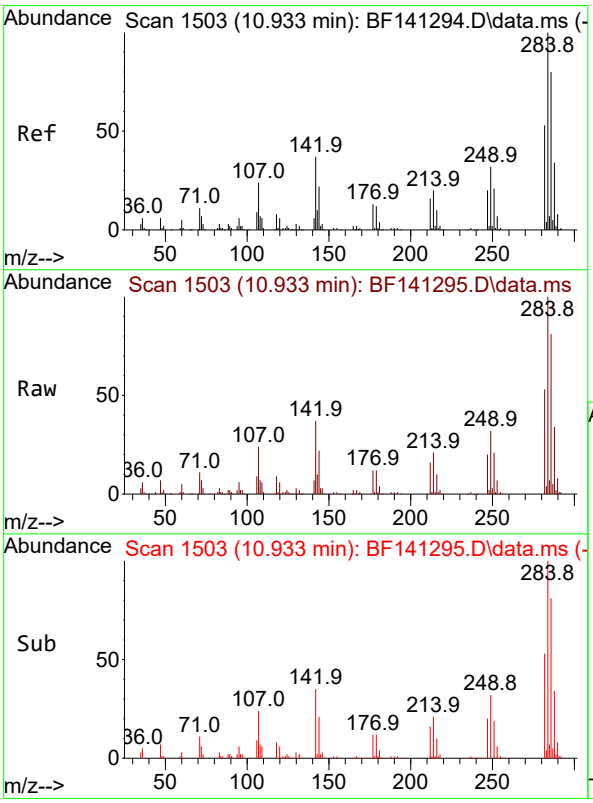
#67
4-Bromophenyl-phenylether
Concen: 48.673 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:248 Resp: 241123

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.4
141	79.5	63.7	95.5

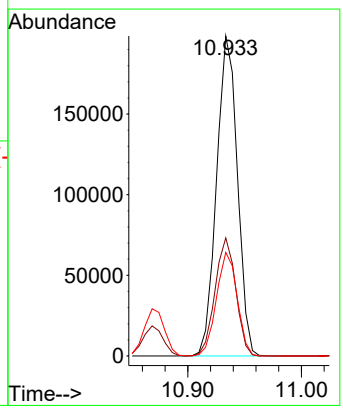


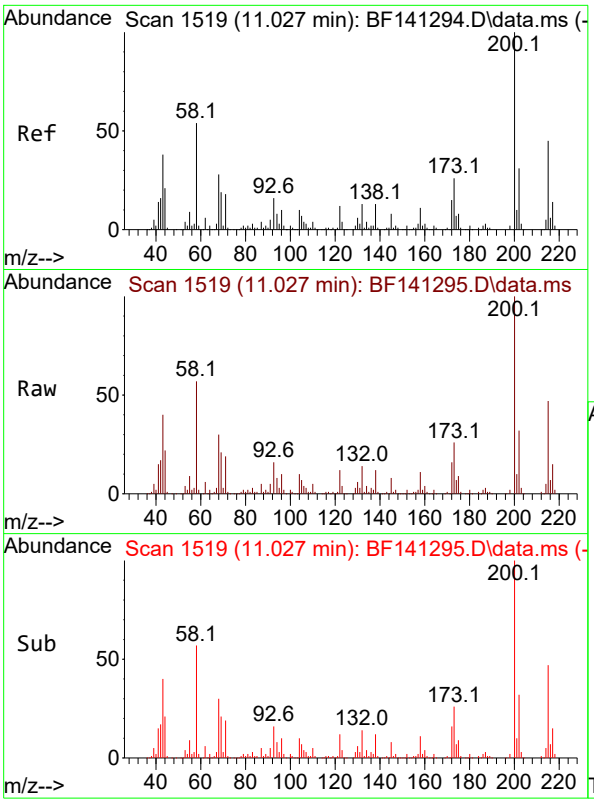


#68
Hexachlorobenzene
Concen: 48.178 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:284 Resp: 253174

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.5	44.3
249	32.3	25.4	38.2



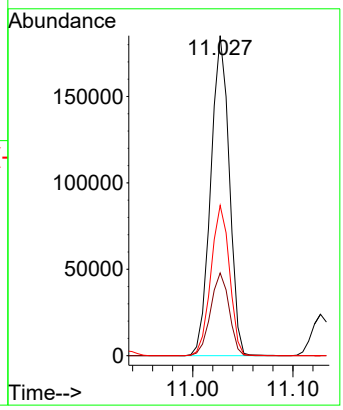


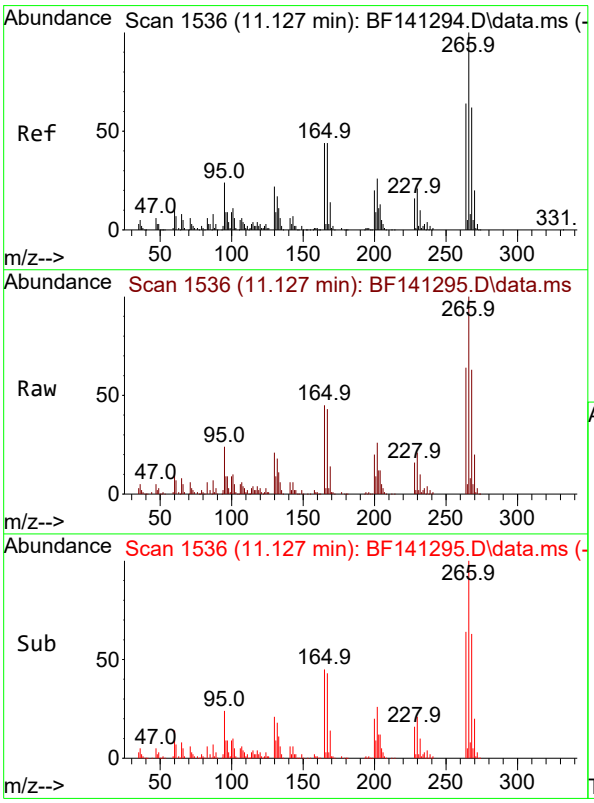
#69
Atrazine
Concen: 49.734 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:200 Resp: 237991

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	46.9	25.2	65.2

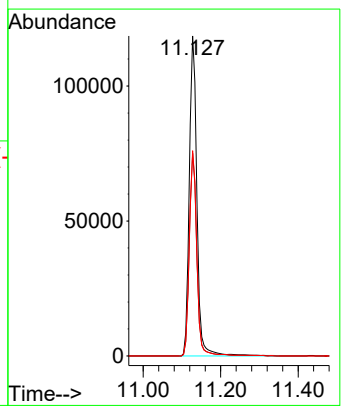


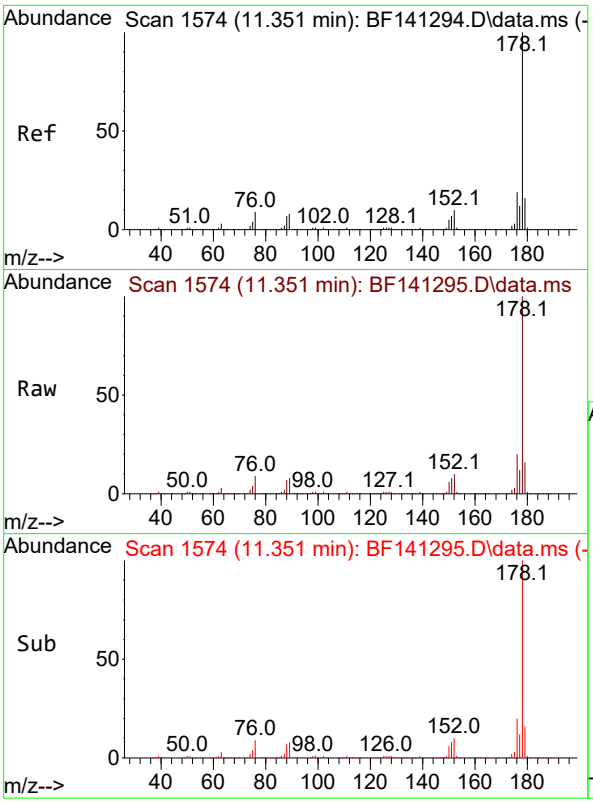


#70
Pentachlorophenol
Concen: 52.505 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:266 Resp: 161568

Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.9	74.9
264	64.1	51.0	76.4



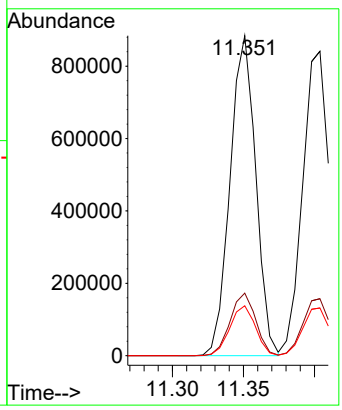


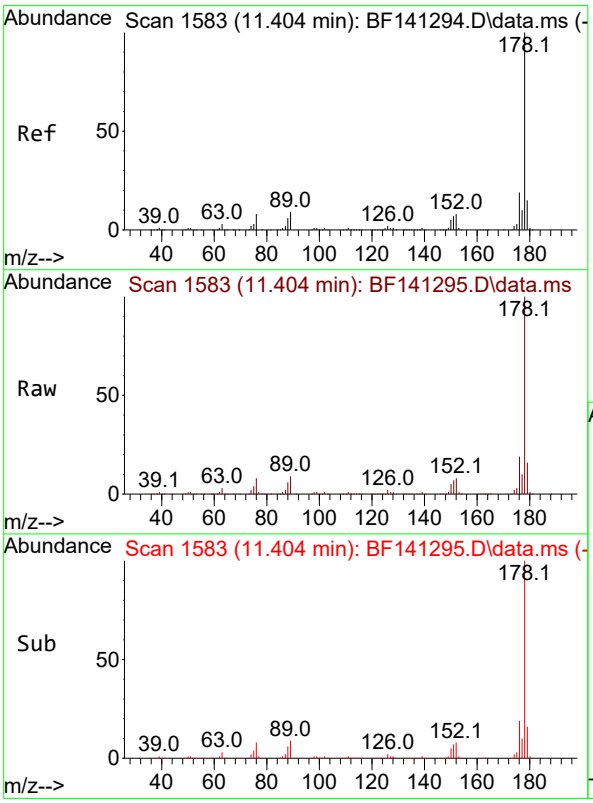
#71
Phenanthrene
Concen: 46.872 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 1114920

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.6	12.5	18.7

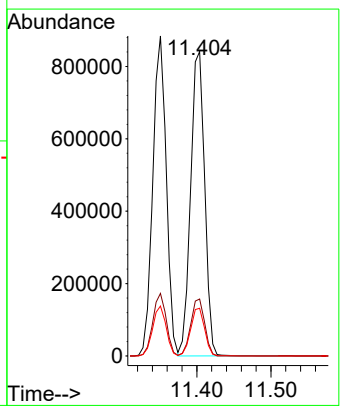


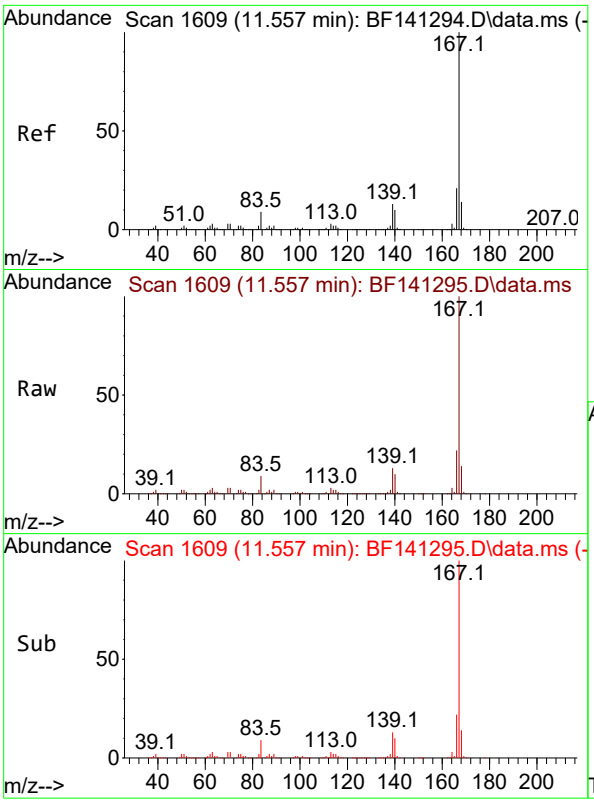


#72
Anthracene
Concen: 47.441 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:178 Resp: 1105681

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5



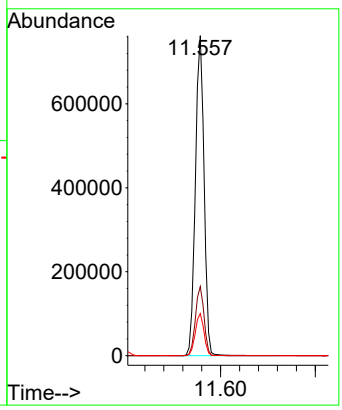


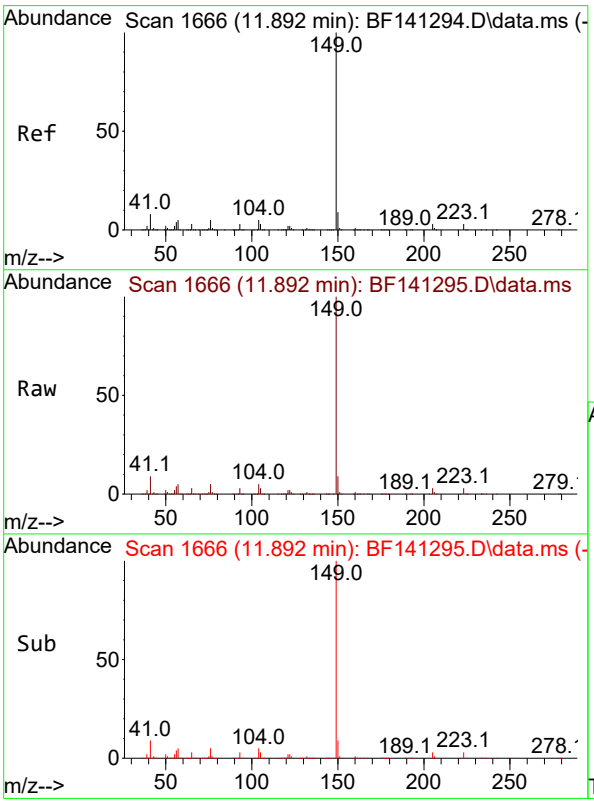
#73
Carbazole
Concen: 47.011 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:167 Resp: 971542

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.1	10.6	16.0

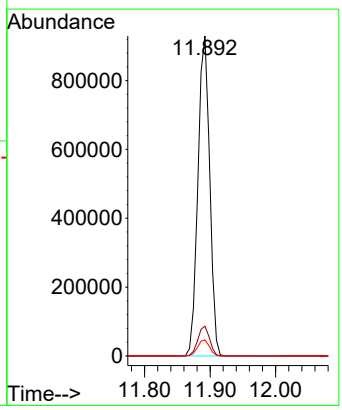


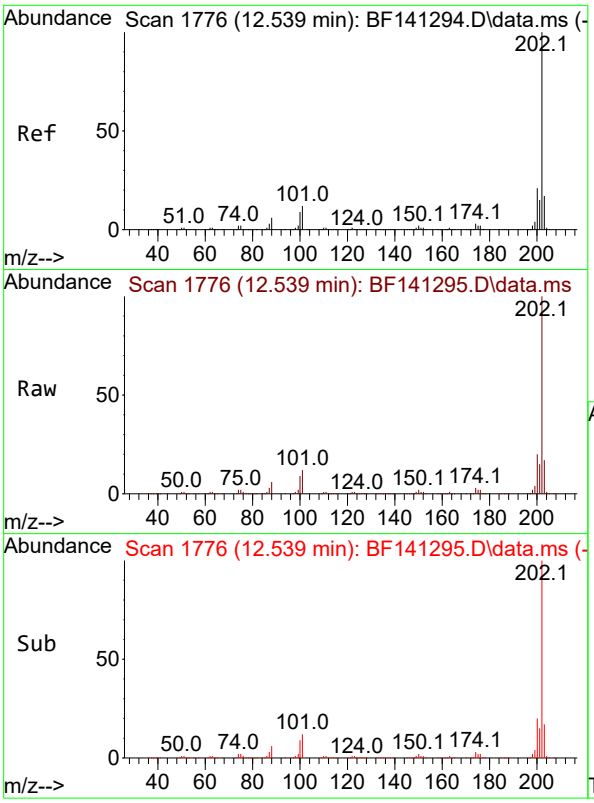


#74
Di-n-butylphthalate
Concen: 46.420 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 1162607

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9



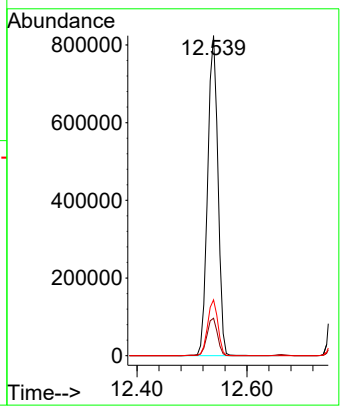


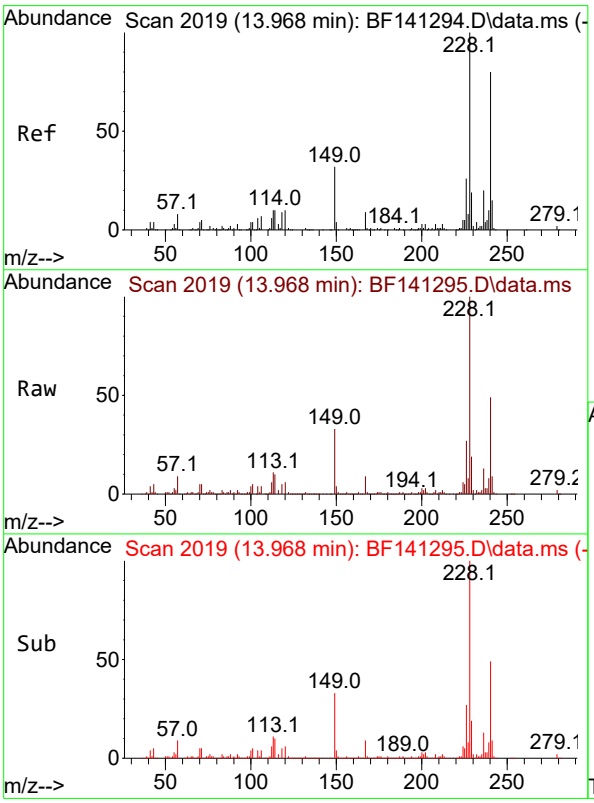
#75
Fluoranthene
Concen: 45.367 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 1065514

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.5	0.0	37.5

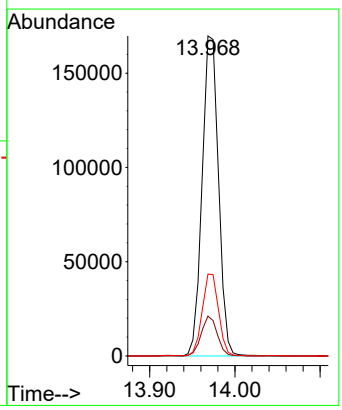


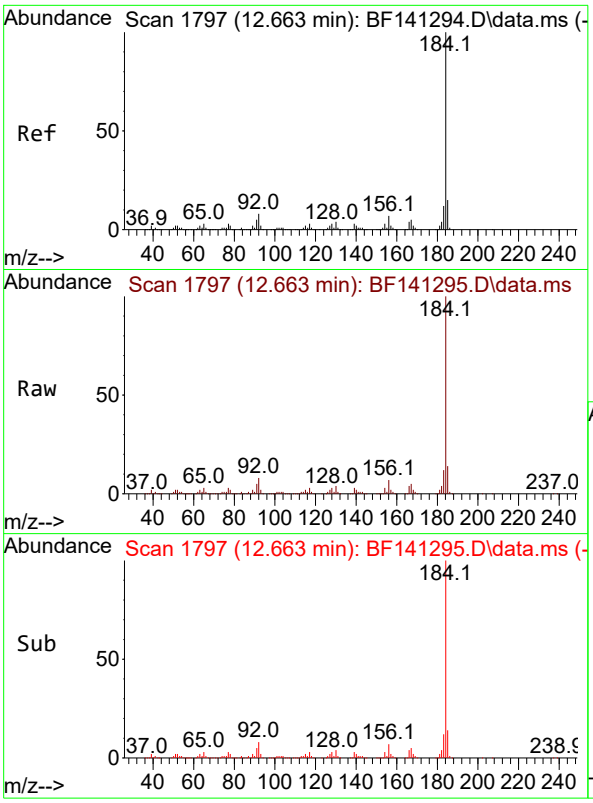


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:240 Resp: 226571

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.6	19.7	29.5



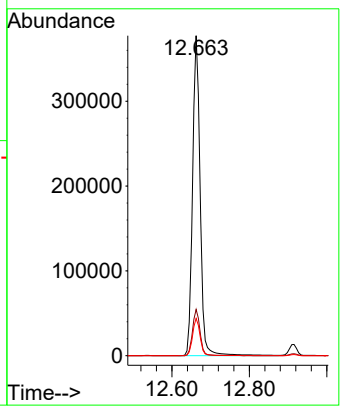


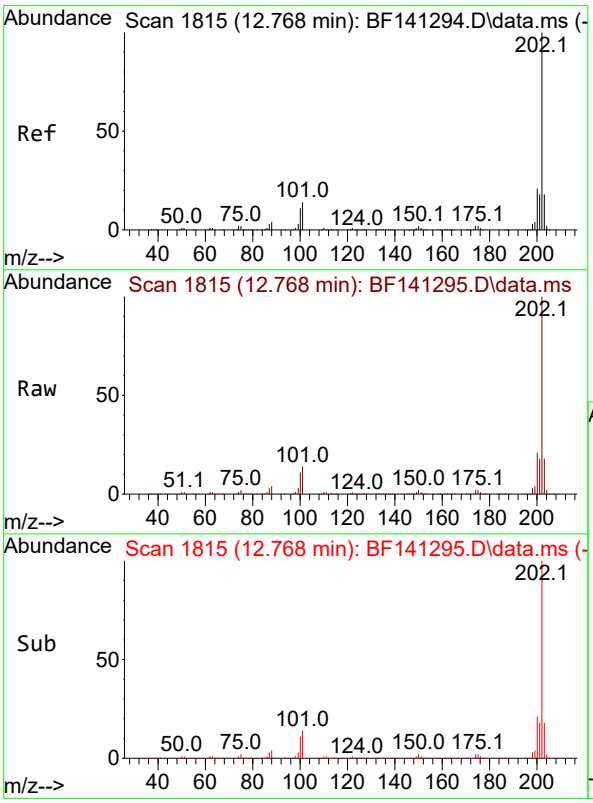
#77
Benzidine
Concen: 70.676 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:184 Resp: 513358

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.7	9.5	14.3

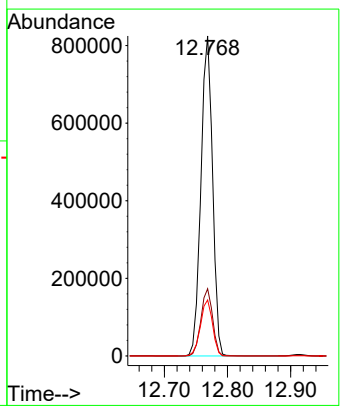


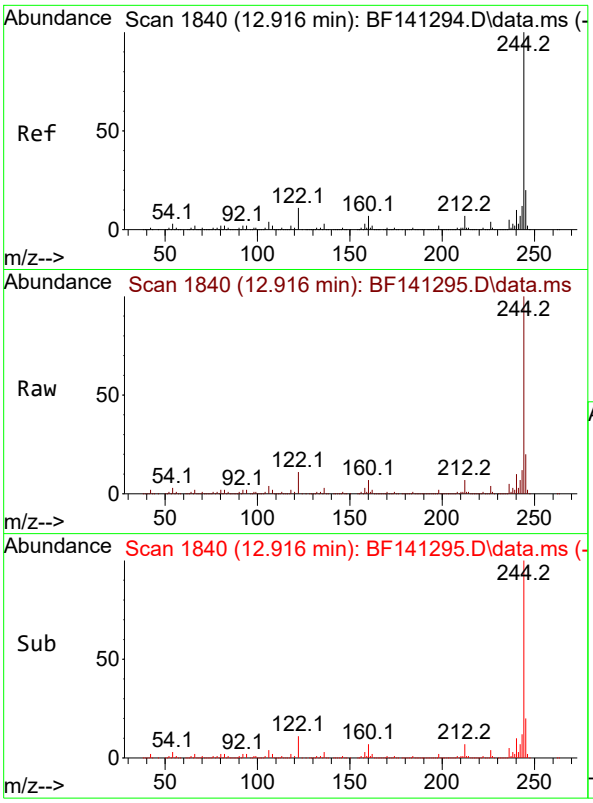


#78
Pyrene
Concen: 48.695 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:202 Resp: 1059044

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.3	21.5



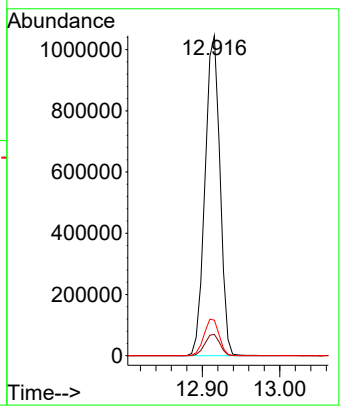


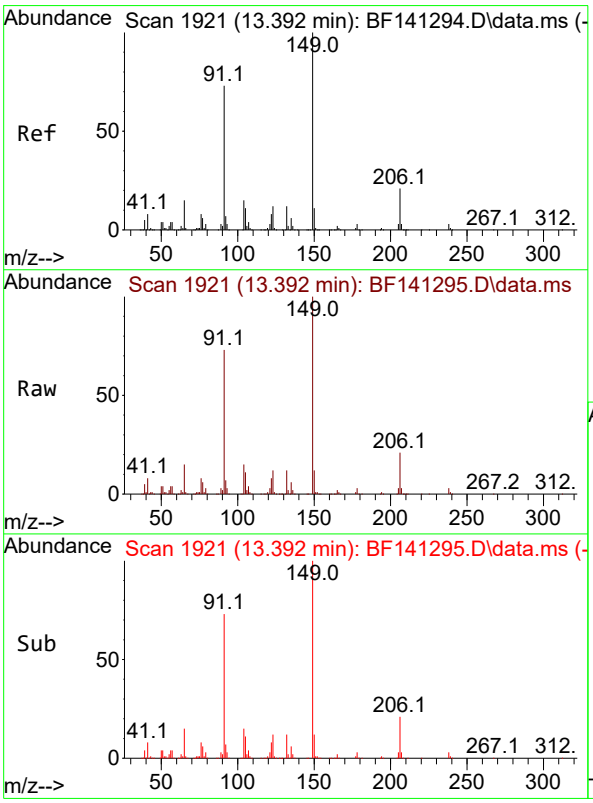
#79
Terphenyl-d14
Concen: 95.436 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:244 Resp: 1402103

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

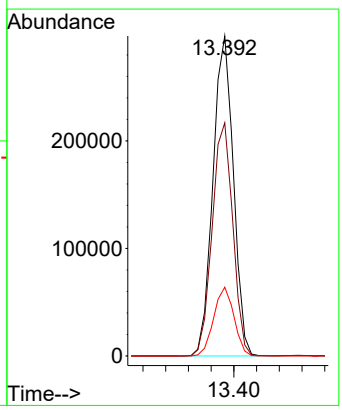


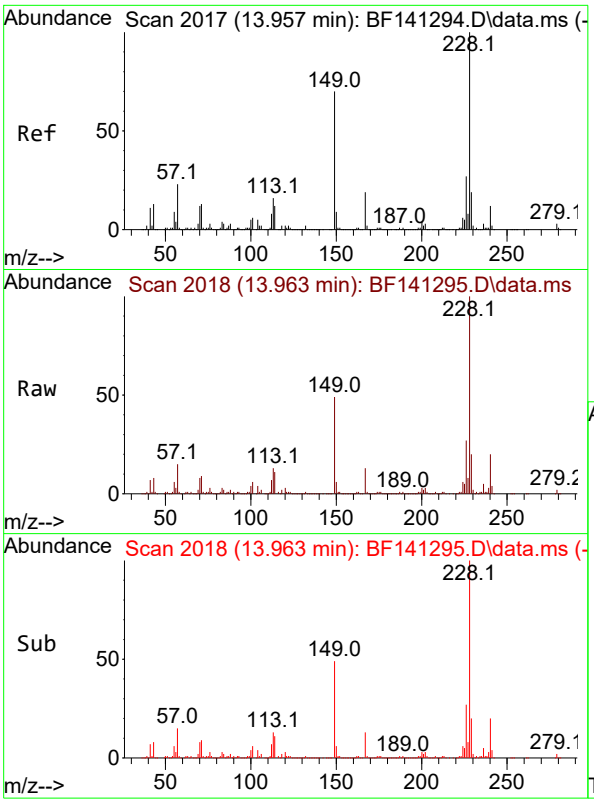


#80
Butylbenzylphthalate
Concen: 48.945 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 371889

Ion	Ratio	Lower	Upper
149	100		
91	72.9	58.6	87.8
206	21.5	16.7	25.1



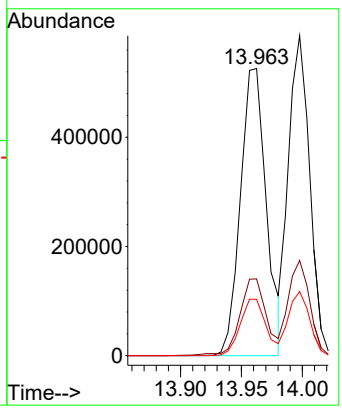


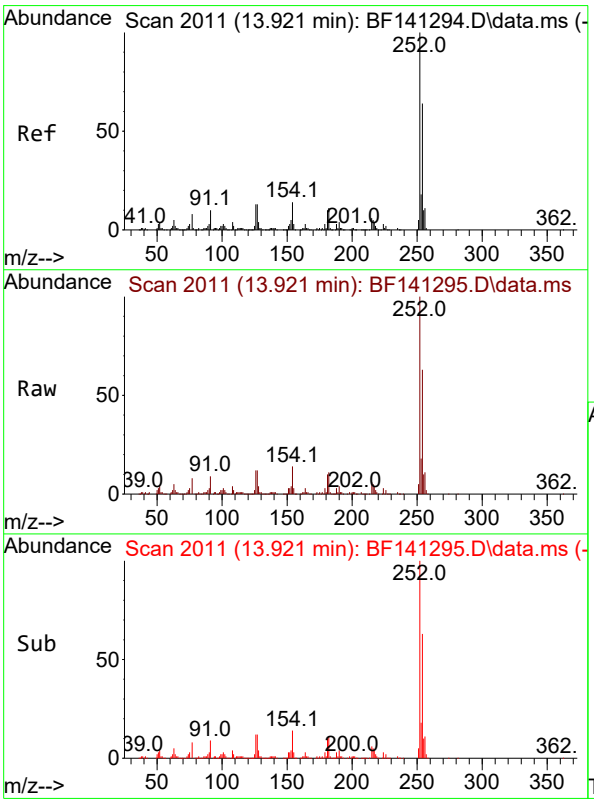
#81
Benzo(a)anthracene
Concen: 49.820 ng
RT: 13.963 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 778922

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.4	32.2
229	19.6	15.5	23.3

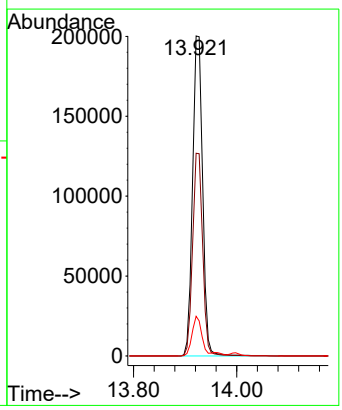


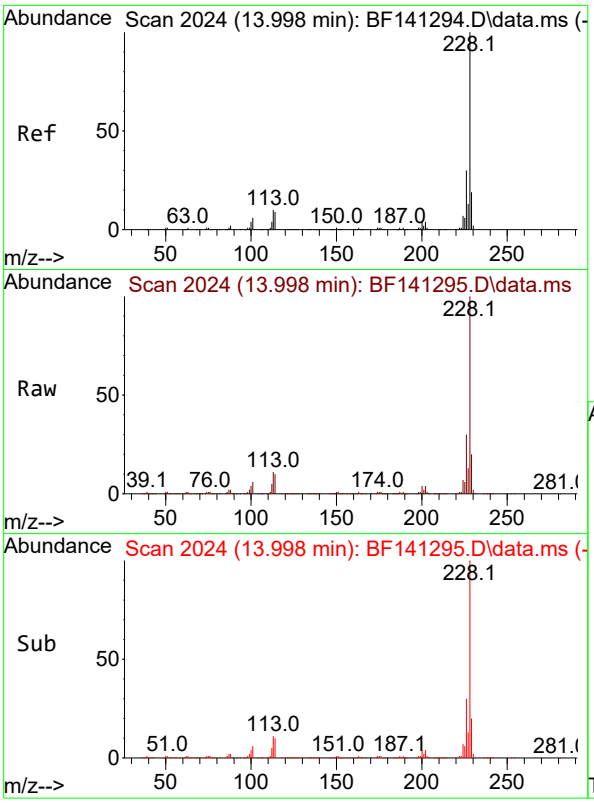


#82
3,3'-Dichlorobenzidine
Concen: 54.413 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 270572

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	12.4	10.0	15.0



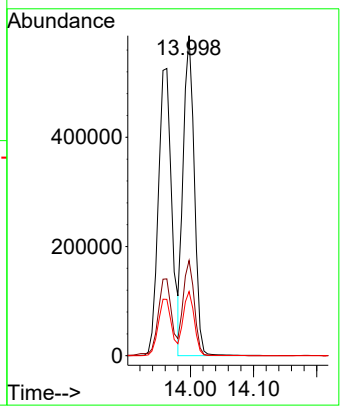


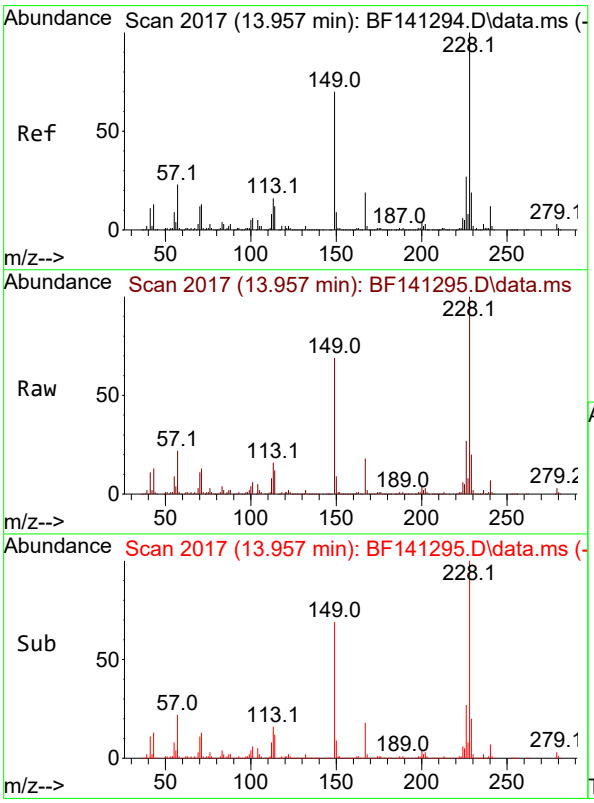
#83
Chrysene
Concen: 50.079 ng
RT: 13.998 min Scan# 2(
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 717569

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	20.1	15.6	23.4

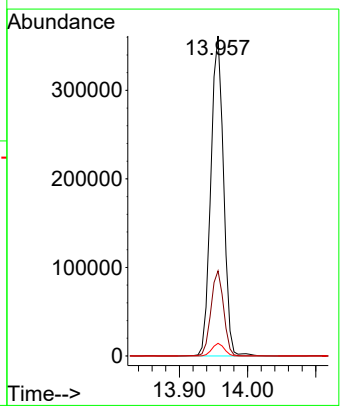


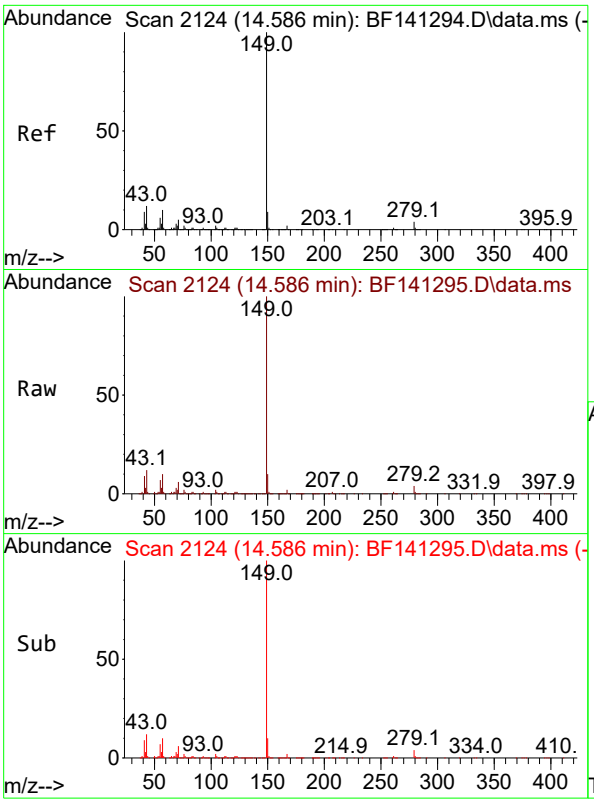


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.809 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:149 Resp: 470441

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.9	3.3	4.9



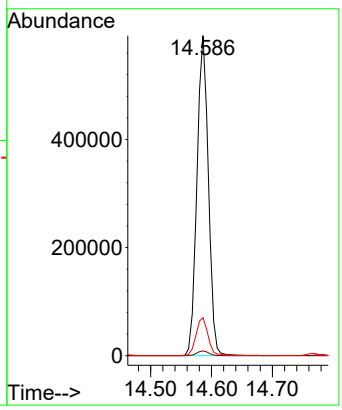


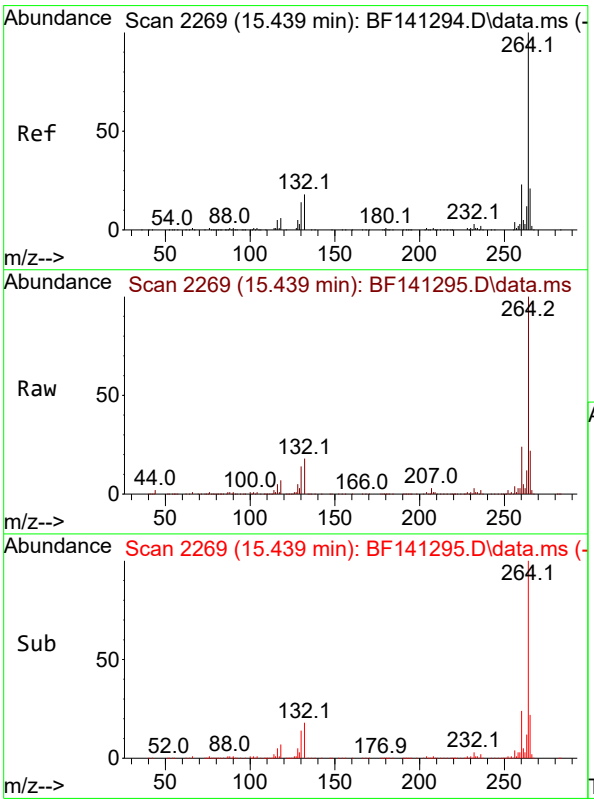
#85
Di-n-octyl phthalate
Concen: 51.638 ng
RT: 14.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 773037

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.4	9.8	14.8

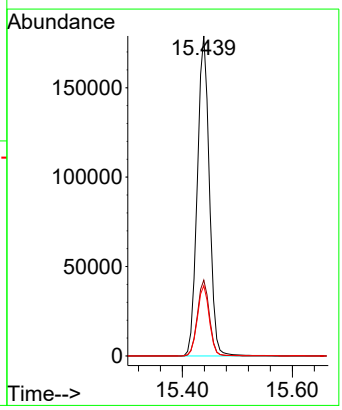


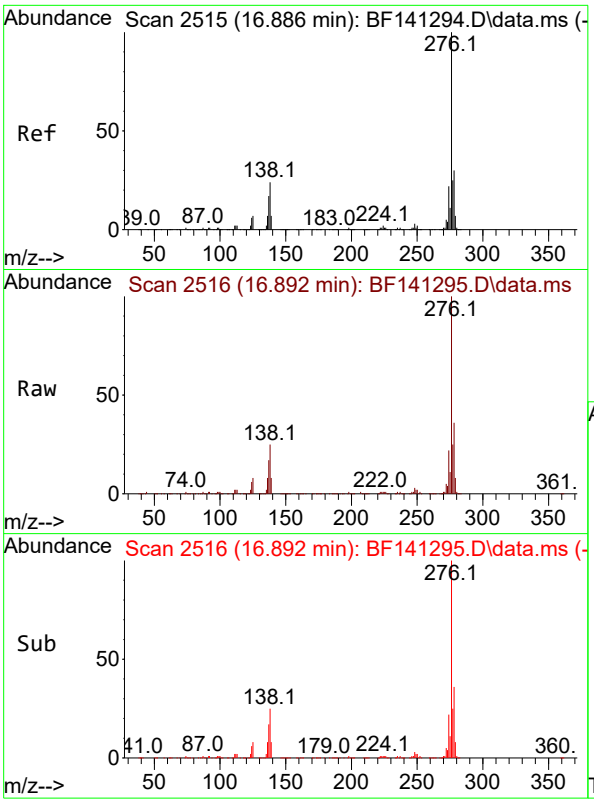


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:264 Resp: 272084

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	16.7	25.1



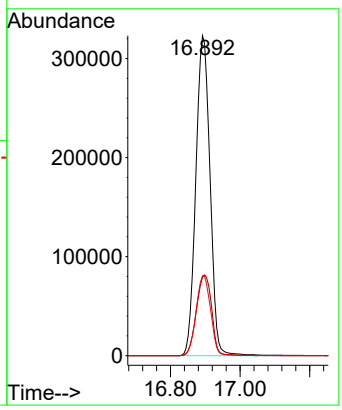


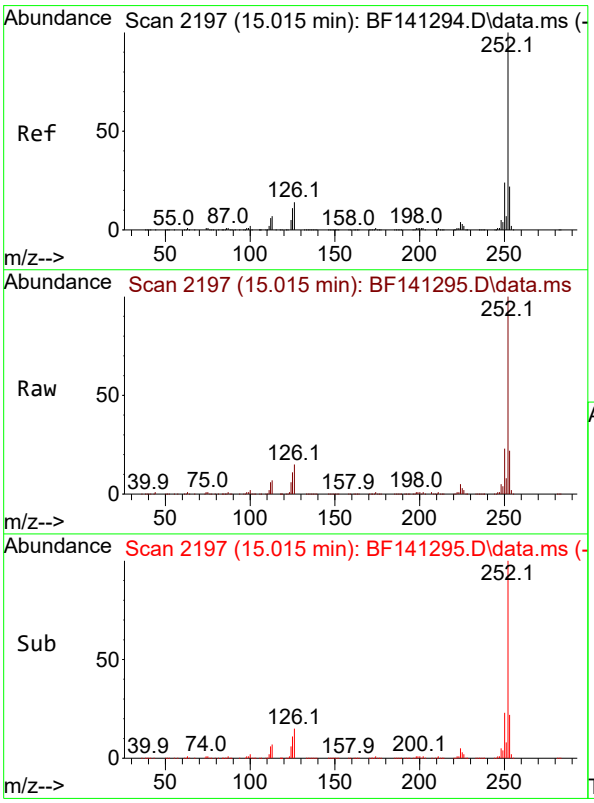
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.202 ng
RT: 16.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:276 Resp: 916714

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.7	32.5
277	25.5	20.3	30.5

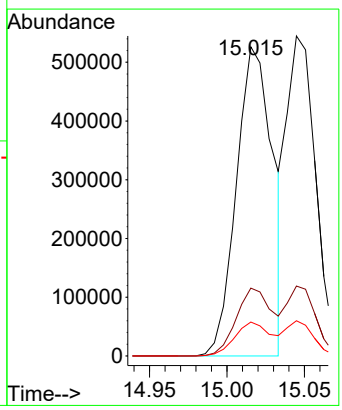


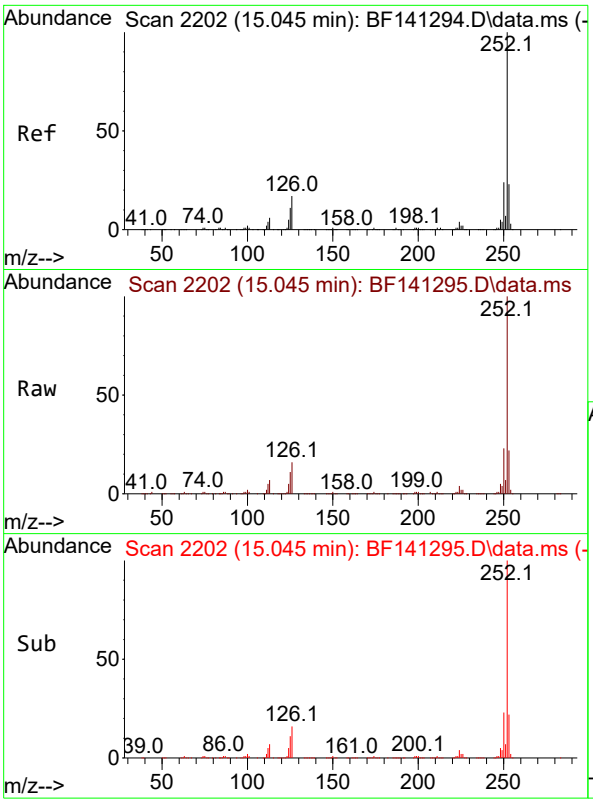


#88
Benzo(b)fluoranthene
Concen: 50.269 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 860351

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.0	8.6	12.8



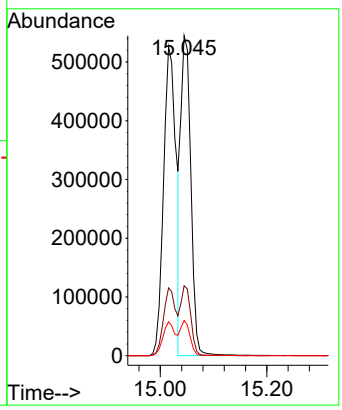


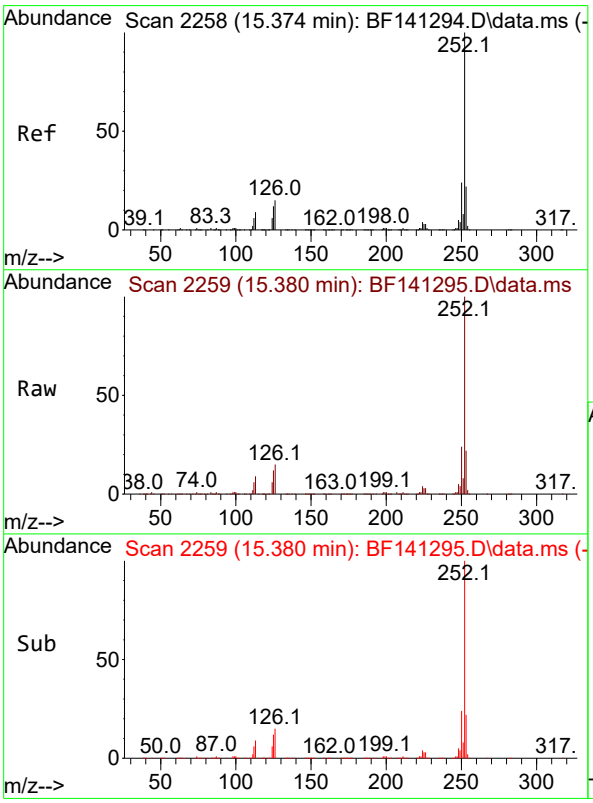
#89
Benzo(k)fluoranthene
Concen: 47.059 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:252 Resp: 713500

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.4	12.6

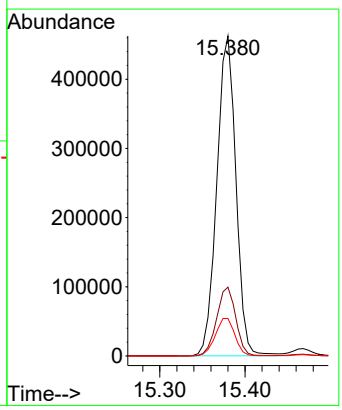


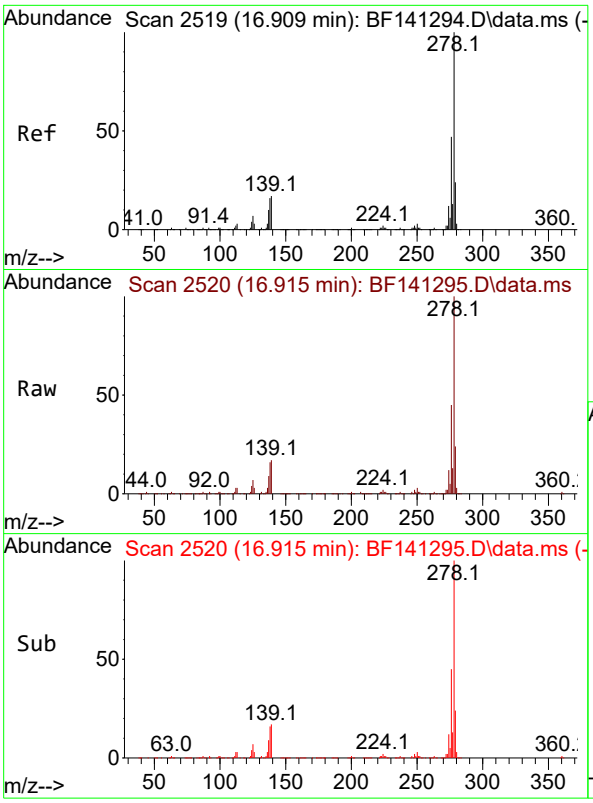


#90
Benzo(a)pyrene
Concen: 49.910 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:252 Resp: 721834

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.7	9.4	14.2



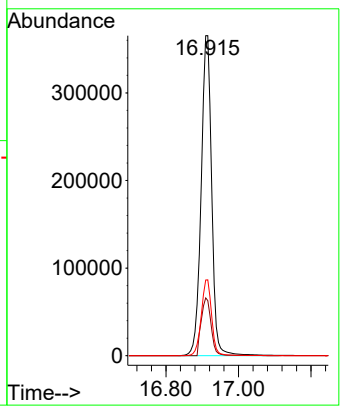


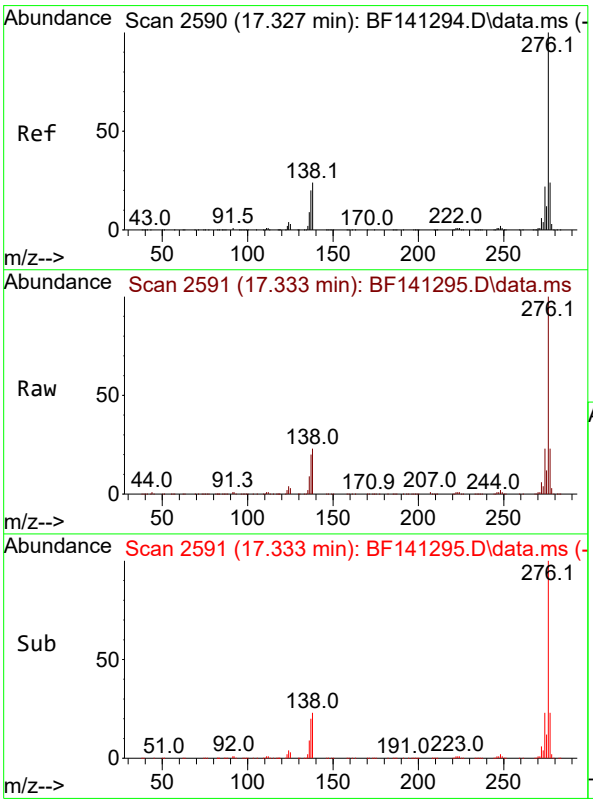
#91
Dibenzo(a,h)anthracene
Concen: 52.334 ng
RT: 16.915 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 739397

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.9	20.9
279	23.7	18.8	28.2

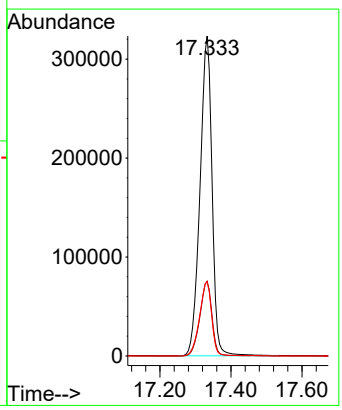




#92
Benzo(g,h,i)perylene
Concen: 52.010 ng
RT: 17.333 min Scan# 2591
Delta R.T. -0.012 min
Lab File: BF141295.D
Acq: 29 Jan 2025 16:11

Tgt Ion:276 Resp: 764064

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.2	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 30 04:16:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	125203	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	490777	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	260269	20.000	ng		0.00
64) Phenanthrene-d10	11.327	188	434671	20.000	ng		0.00
76) Chrysene-d12	13.974	240	225615	20.000	ng		0.00
86) Perylene-d12	15.451	264	265921	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	952391	116.779	ng		0.00
7) Phenol-d6	6.434	99	1210477	116.675	ng		0.00
23) Nitrobenzene-d5	7.369	82	1098197	117.962	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	279105	116.973	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1824372	107.891	ng		0.00
79) Terphenyl-d14	12.916	244	1665591	113.851	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	213805	59.610	ng		99
3) Pyridine	3.216	79	527201	61.006	ng		99
4) n-Nitrosodimethylamine	3.181	42	305312	61.844	ng		99
6) Aniline	6.463	93	506937	57.724	ng	#	89
8) 2-Chlorophenol	6.587	128	509043	58.235	ng		98
9) Benzaldehyde	6.351	77	314238	52.291	ng		98
10) Phenol	6.445	94	640034	58.196	ng		94
11) bis(2-Chloroethyl)ether	6.539	93	499321	59.214	ng		99
12) 1,3-Dichlorobenzene	6.739	146	553756	57.455	ng		99
13) 1,4-Dichlorobenzene	6.816	146	558572	57.689	ng		100
14) 1,2-Dichlorobenzene	6.975	146	513179	56.602	ng		99
15) Benzyl Alcohol	6.945	79	422722	59.622	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	859130	58.590	ng		99
17) 2-Methylphenol	7.057	107	420597	59.203	ng		99
18) Hexachloroethane	7.316	117	210746	59.001	ng		97
19) n-Nitroso-di-n-propyla...	7.222	70	355036	57.592	ng		97
20) 3+4-Methylphenols	7.210	107	496888	56.963	ng		98
22) Acetophenone	7.216	105	651575	55.854	ng		99
24) Nitrobenzene	7.386	77	572234	59.313	ng		99
25) Isophorone	7.622	82	953671	59.261	ng		98
26) 2-Nitrophenol	7.698	139	280785	61.711	ng		99
27) 2,4-Dimethylphenol	7.739	122	325969	56.285	ng		99
28) bis(2-Chloroethoxy)met...	7.833	93	605644	59.001	ng		99
29) 2,4-Dichlorophenol	7.939	162	421748	59.485	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	465841	57.533	ng		99
31) Naphthalene	8.104	128	1475900	56.926	ng		99
32) Benzoic acid	7.863	122	305638	57.408	ng		99
33) 4-Chloroaniline	8.157	127	513149	58.367	ng		99
34) Hexachlorobutadiene	8.222	225	275524	58.025	ng		100
35) Caprolactam	8.533	113	141023	60.904	ng		99
36) 4-Chloro-3-methylphenol	8.633	107	452438	59.492	ng		97
37) 2-Methylnaphthalene	8.792	142	941153	57.114	ng		98
38) 1-Methylnaphthalene	8.892	142	917389	56.675	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	430239	58.106	ng		100
41) Hexachlorocyclopentadiene	8.945	237	141387	64.657	ng		100
43) 2,4,6-Trichlorophenol	9.075	196	288290	59.485	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 30 04:16:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	314912	59.702	ng	99
46) 1,1'-Biphenyl	9.263	154	1139946	56.161	ng	99
47) 2-Chloronaphthalene	9.286	162	902561	57.048	ng	99
48) 2-Nitroaniline	9.380	65	300339	60.353	ng	98
49) Acenaphthylene	9.698	152	1258733	56.836	ng	100
50) Dimethylphthalate	9.569	163	1012298	57.587	ng	100
51) 2,6-Dinitrotoluene	9.627	165	241241	59.106	ng	98
52) Acenaphthene	9.875	154	921519	58.244	ng	100
53) 3-Nitroaniline	9.792	138	232680	58.165	ng	99
54) 2,4-Dinitrophenol	9.898	184	132244	69.701	ng	95
55) Dibenzofuran	10.045	168	1202027	56.758	ng	99
56) 4-Nitrophenol	9.951	139	190620	65.156	ng	99
57) 2,4-Dinitrotoluene	10.027	165	315221	59.651	ng	97
58) Fluorene	10.386	166	915246	55.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	252964	60.959	ng	100
60) Diethylphthalate	10.263	149	983788	57.719	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	445841	55.561	ng	99
62) 4-Nitroaniline	10.410	138	242716	61.715	ng	99
63) Azobenzene	10.539	77	996608	58.414	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	174248	67.773	ng	99
66) n-Nitrosodiphenylamine	10.504	169	800147	56.914	ng	99
67) 4-Bromophenyl-phenylether	10.874	248	286647	58.905	ng	96
68) Hexachlorobenzene	10.933	284	302508	58.604	ng	99
69) Atrazine	11.033	200	306524	65.210	ng	99
70) Pentachlorophenol	11.127	266	194335	64.291	ng	99
71) Phenanthrene	11.351	178	1316980	56.365	ng	100
72) Anthracene	11.404	178	1298334	56.711	ng	99
73) Carbazole	11.557	167	1173330	57.798	ng	99
74) Di-n-butylphthalate	11.892	149	1410222	57.322	ng	100
75) Fluoranthene	12.539	202	1279995	55.482	ng	99
77) Benzidine	12.663	184	490009	67.748	ng	100
78) Pyrene	12.768	202	1284820	59.326	ng	100
80) Butylbenzylphthalate	13.392	149	465533	61.530	ng	99
81) Benzo(a)anthracene	13.962	228	917219	58.914	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	315503	63.717	ng	100
83) Chrysene	14.004	228	841120	58.950	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	564642	58.830	ng	99
85) Di-n-octyl phthalate	14.598	149	951473	63.827	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	1054987	61.468	ng	99
88) Benzo(b)fluoranthene	15.033	252	971433	58.075	ng	99
89) Benzo(k)fluoranthene	15.062	252	845842	57.081	ng	100
90) Benzo(a)pyrene	15.392	252	838283	59.305	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	854214	61.862	ng	98
92) Benzo(g,h,i)perylene	17.351	276	881804	61.416	ng	100

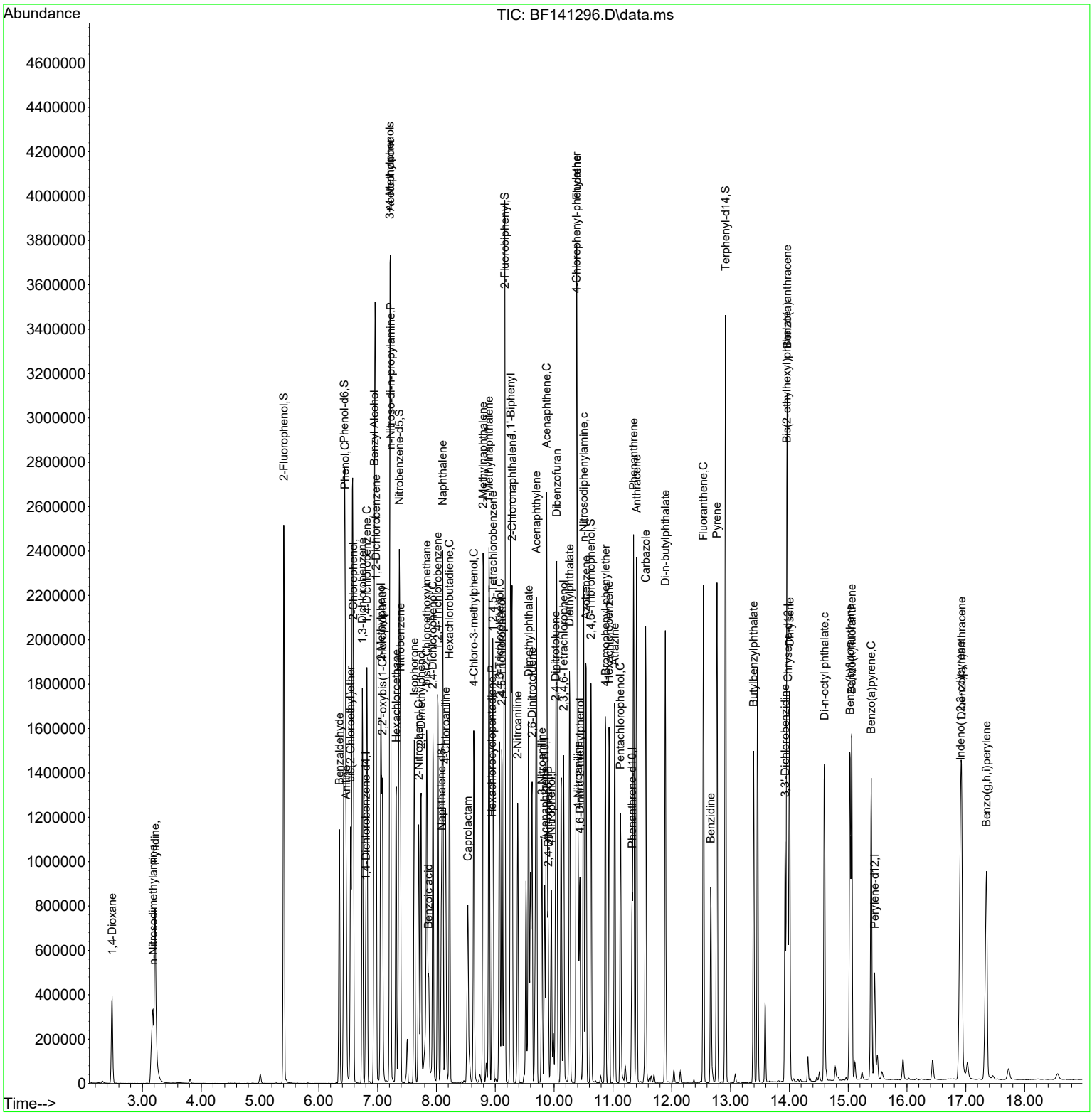
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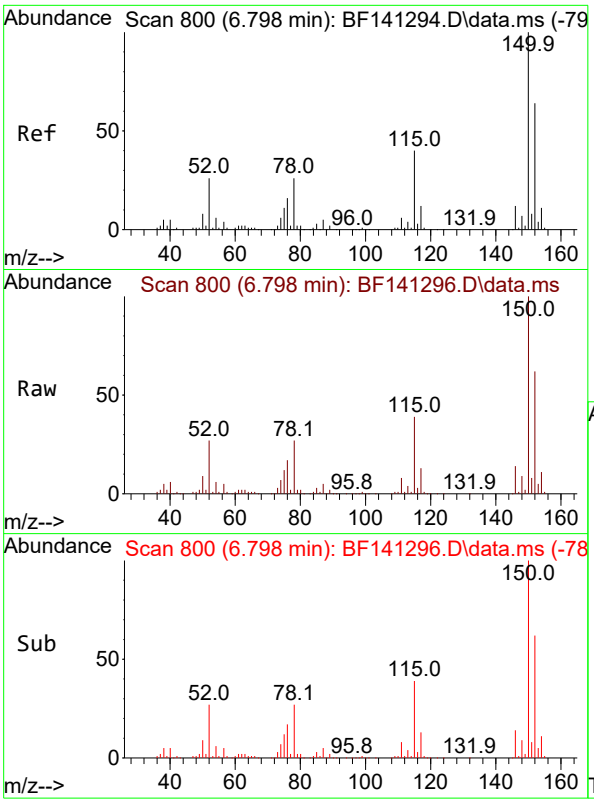
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141296.D
Acq On : 29 Jan 2025 16:38
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jan 30 04:16:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



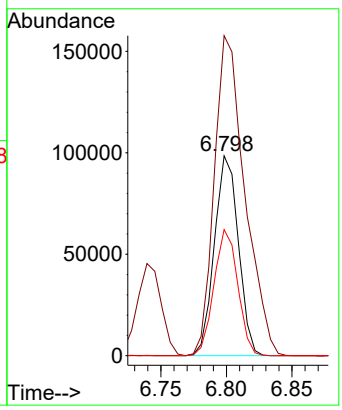


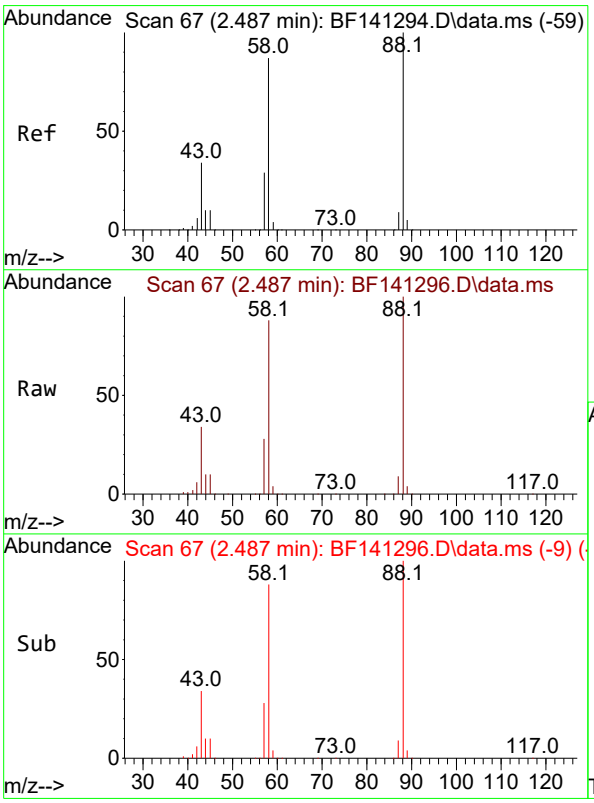
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 125203

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	63.2	49.7	74.5

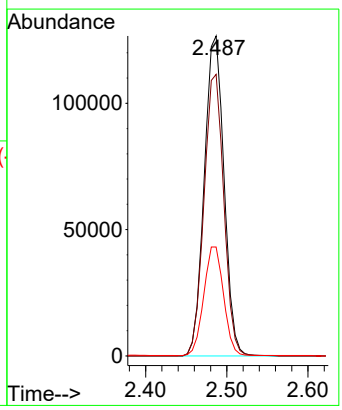


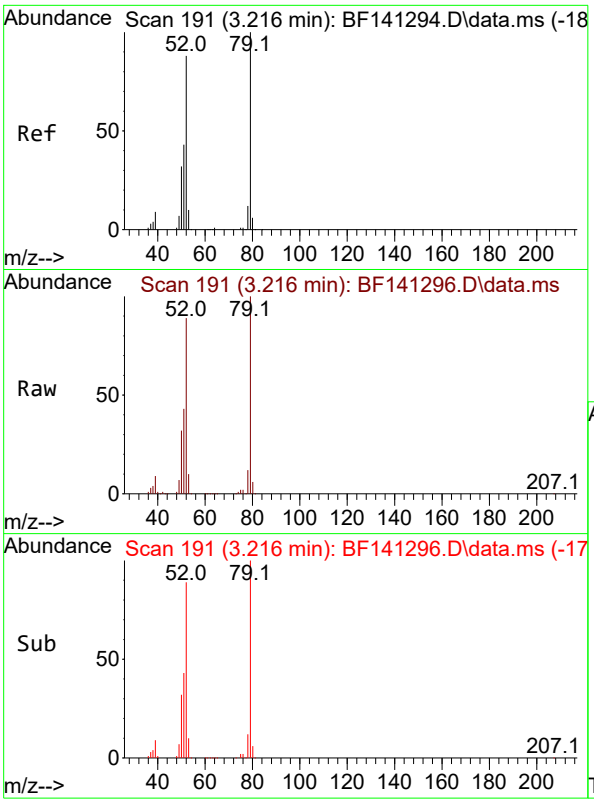


#2
1,4-Dioxane
Concen: 59.610 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 88 Resp: 213805

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.2	105.4
43	34.0	27.6	41.4



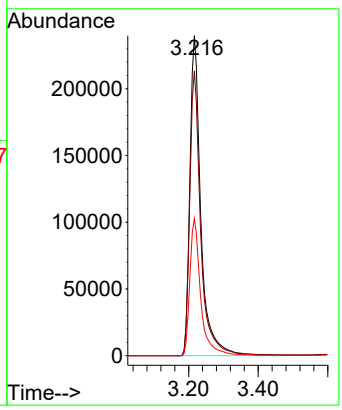


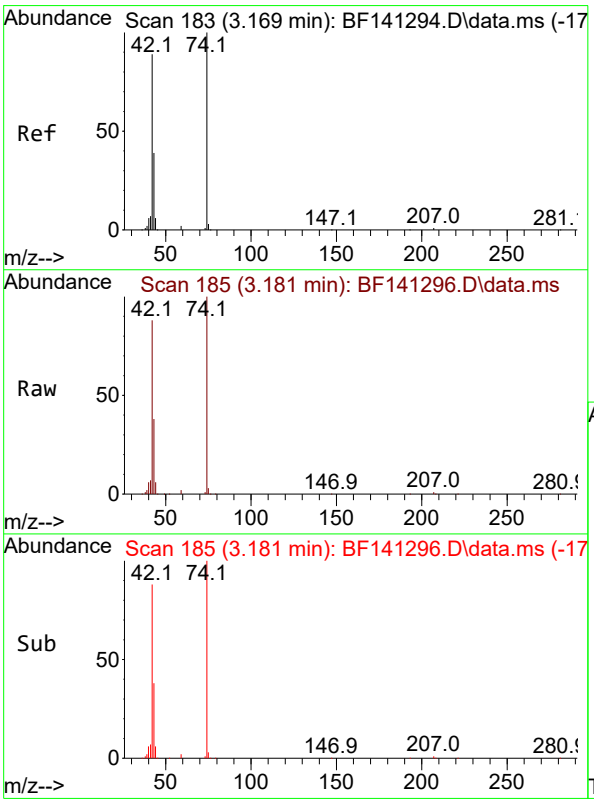
#3
Pyridine
Concen: 61.006 ng
RT: 3.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 527201

Ion	Ratio	Lower	Upper
79	100		
52	89.0	70.3	105.5
51	42.9	34.3	51.5

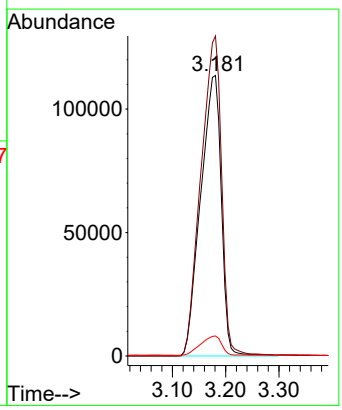


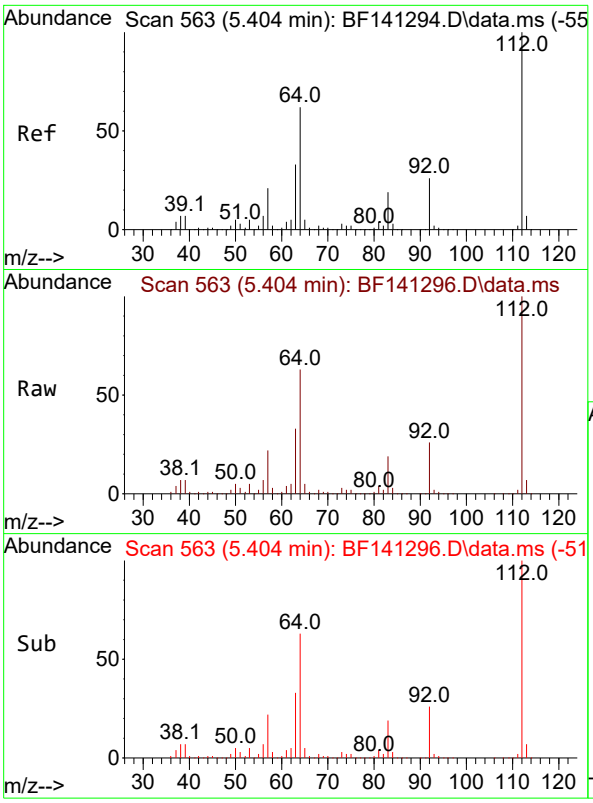


#4
n-Nitrosodimethylamine
Concen: 61.844 ng
RT: 3.181 min Scan# 185
Delta R.T. -0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 42 Resp: 305312

Ion	Ratio	Lower	Upper
42	100		
74	114.1	90.3	135.5
44	7.2	5.7	8.5



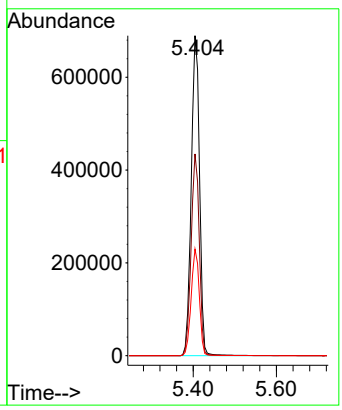


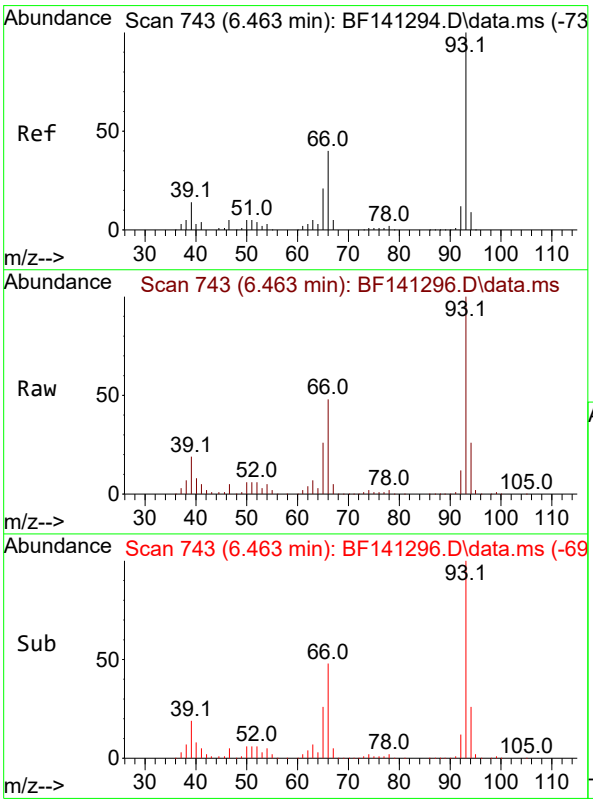
#5
2-Fluorophenol
Concen: 116.779 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 952391

Ion	Ratio	Lower	Upper
112	100		
64	63.0	49.8	74.8
63	33.3	26.1	39.1

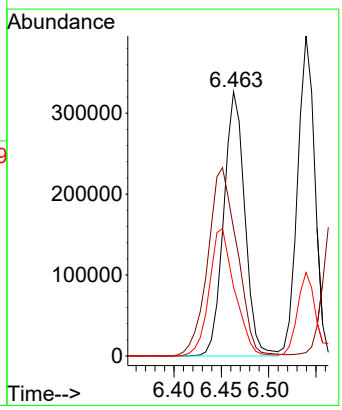


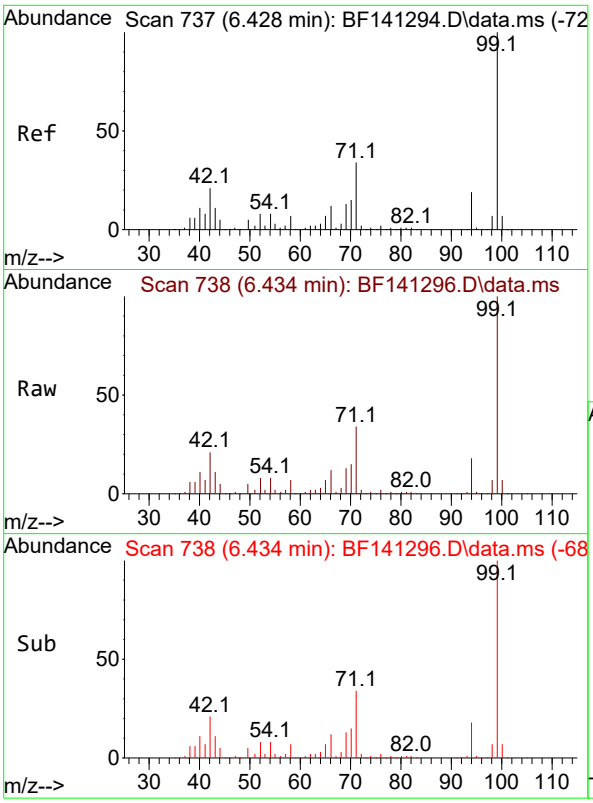


#6
Aniline
Concen: 57.724 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 506937

Ion	Ratio	Lower	Upper
93	100		
66	48.2	32.5	48.7
65	26.1	17.0	25.6#



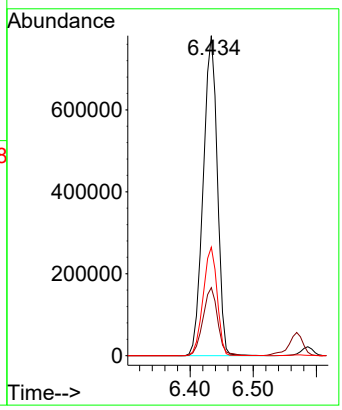


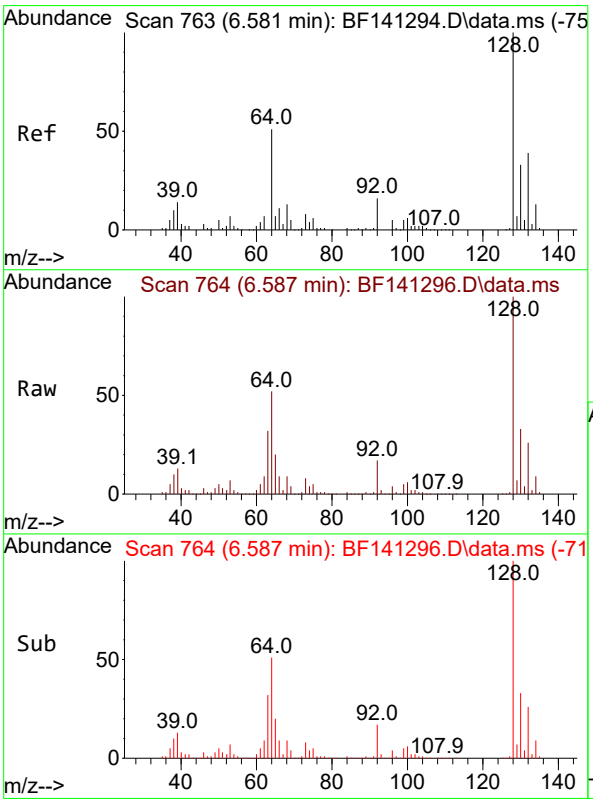
#7
Phenol-d6
Concen: 116.675 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 99 Resp: 1210477

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.1	25.7
71	33.9	26.9	40.3

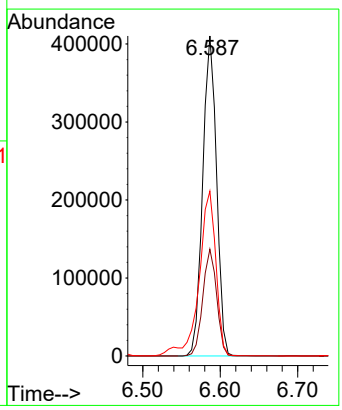


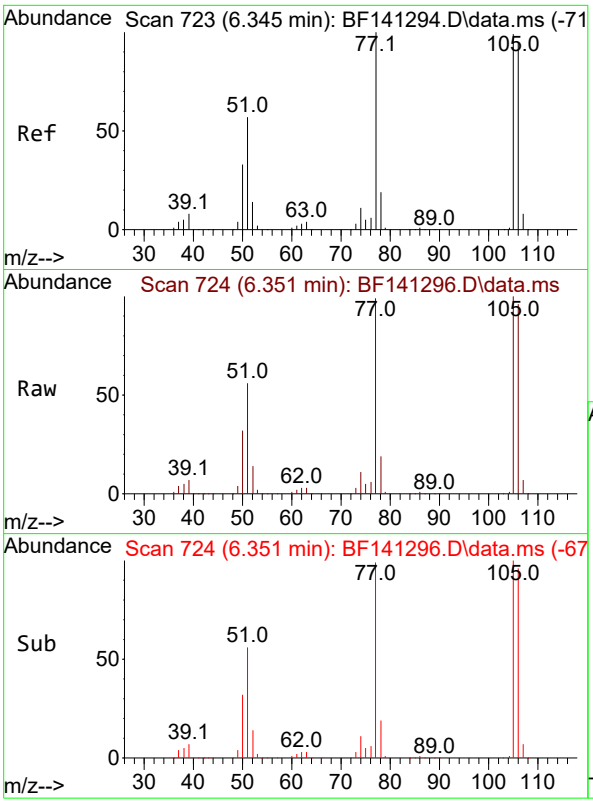


#8
2-Chlorophenol
Concen: 58.235 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:128 Resp: 509043

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	51.5	32.9	72.9



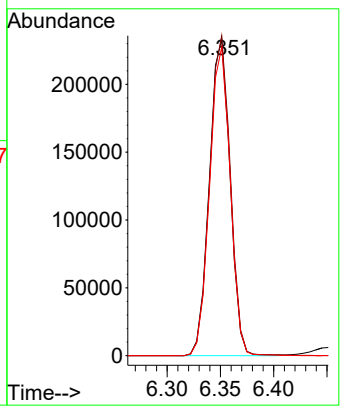


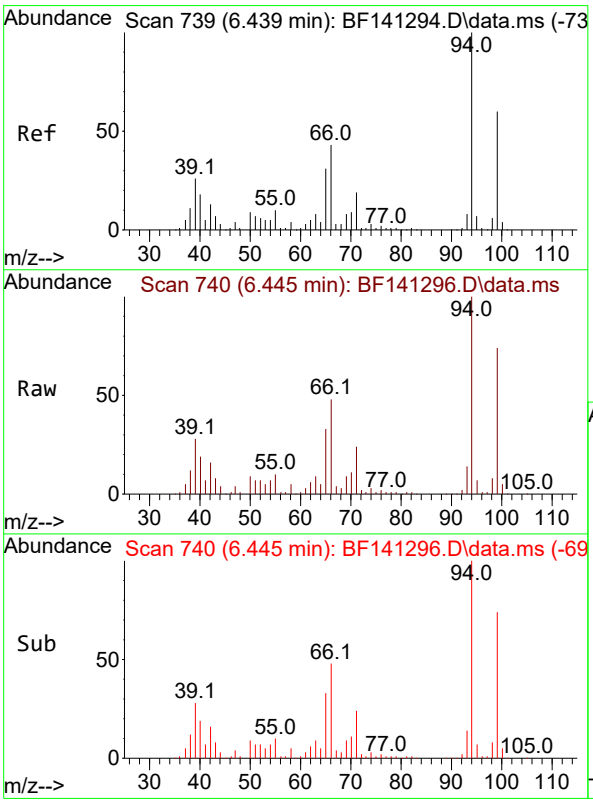
#9
Benzaldehyde
Concen: 52.291 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 314238

Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.4	119.4
106	97.6	74.6	114.6

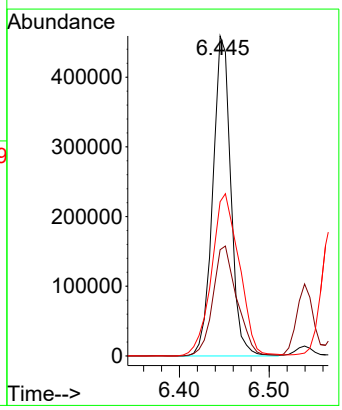


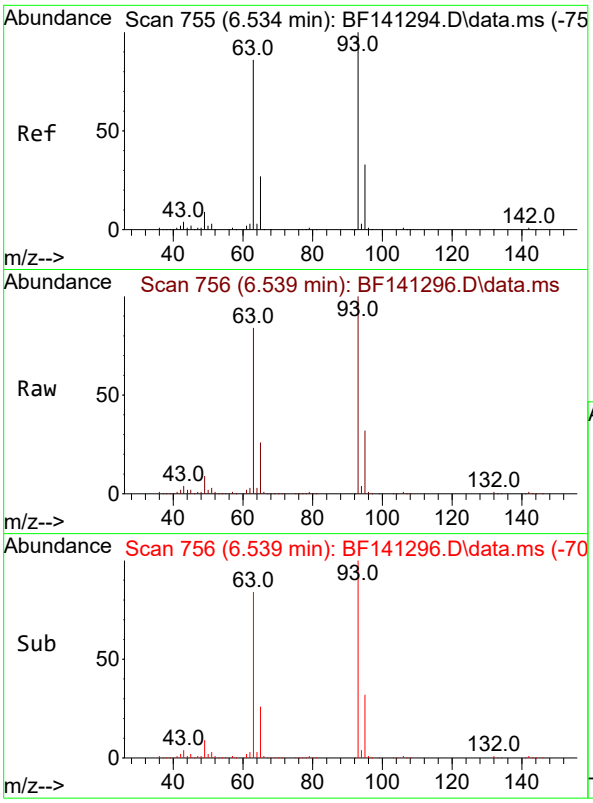


#10
Phenol
Concen: 58.196 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 94 Resp: 640034

Ion	Ratio	Lower	Upper
94	100		
65	33.2	10.8	50.8
66	48.2	23.3	63.3



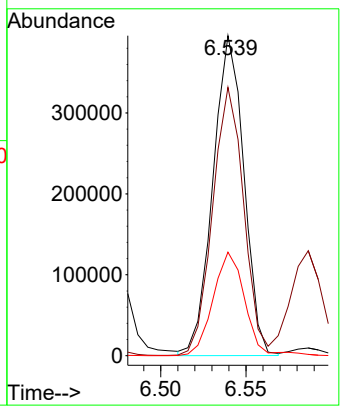


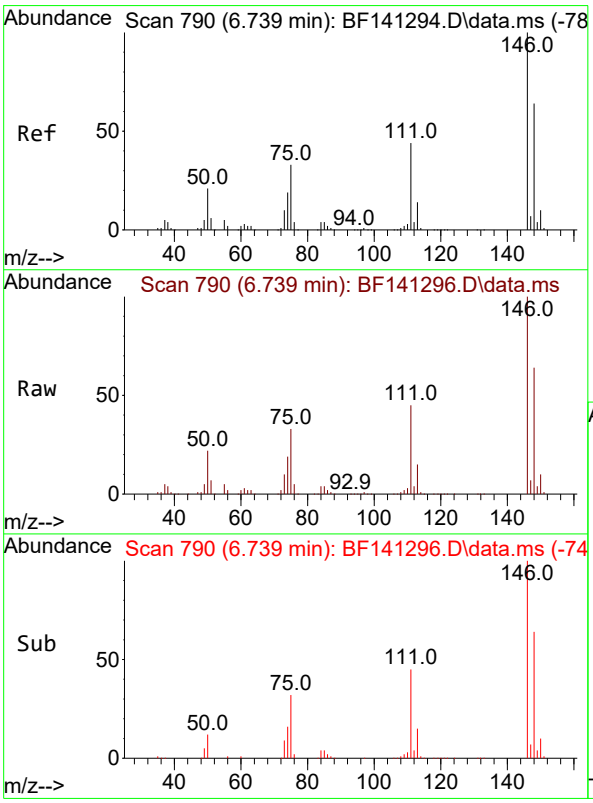
#11
bis(2-Chloroethyl)ether
Concen: 59.214 ng
RT: 6.539 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 499321

Ion	Ratio	Lower	Upper
93	100		
63	83.9	65.0	105.0
95	32.3	12.4	52.4

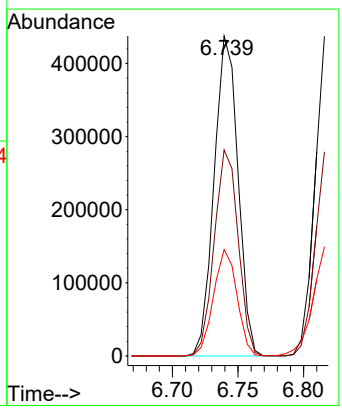


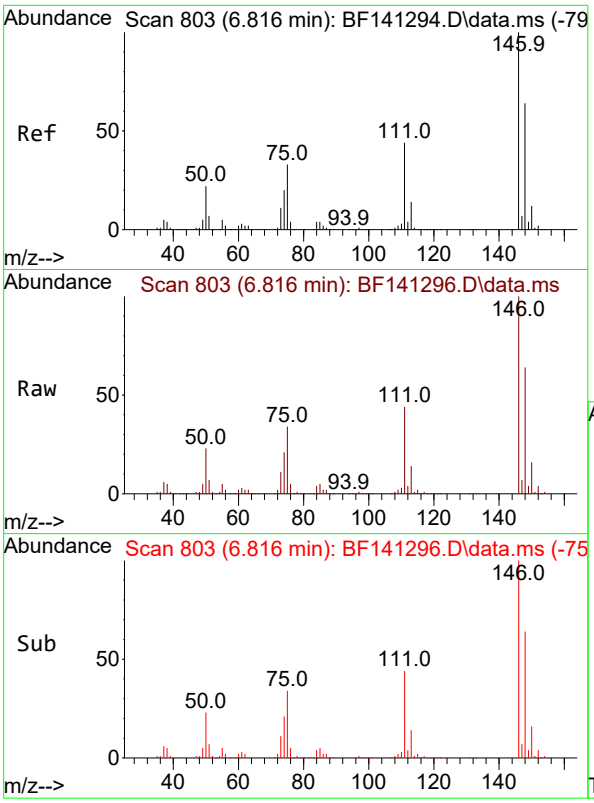


#12
1,3-Dichlorobenzene
Concen: 57.455 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 553756

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	33.2	26.2	39.4



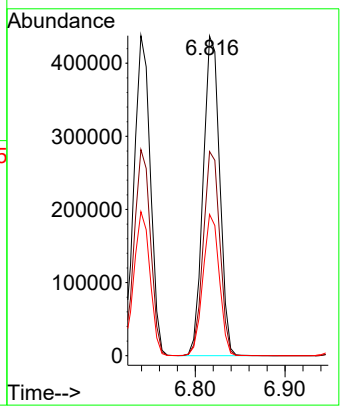


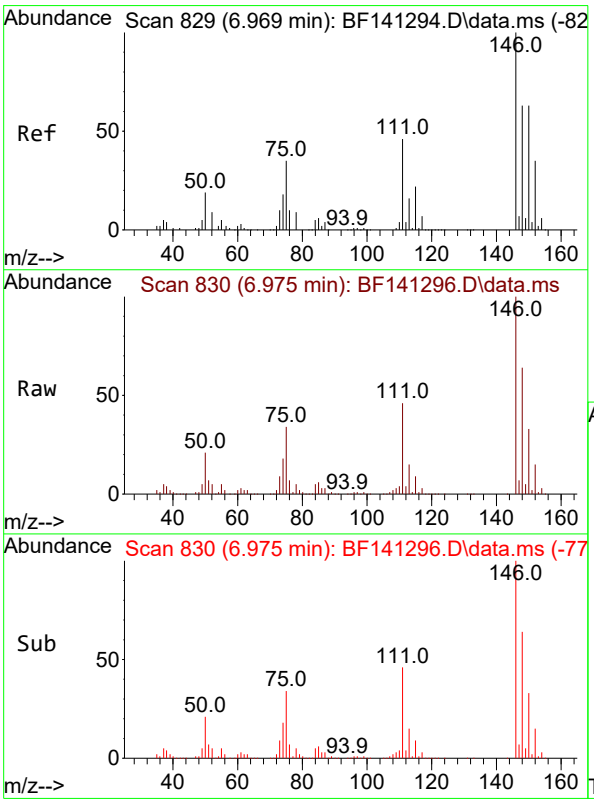
#13
1,4-Dichlorobenzene
Concen: 57.689 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:146 Resp: 558572

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	44.2	35.0	52.4

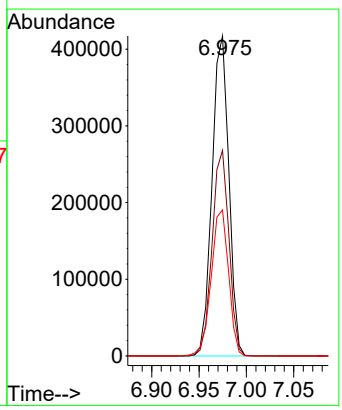


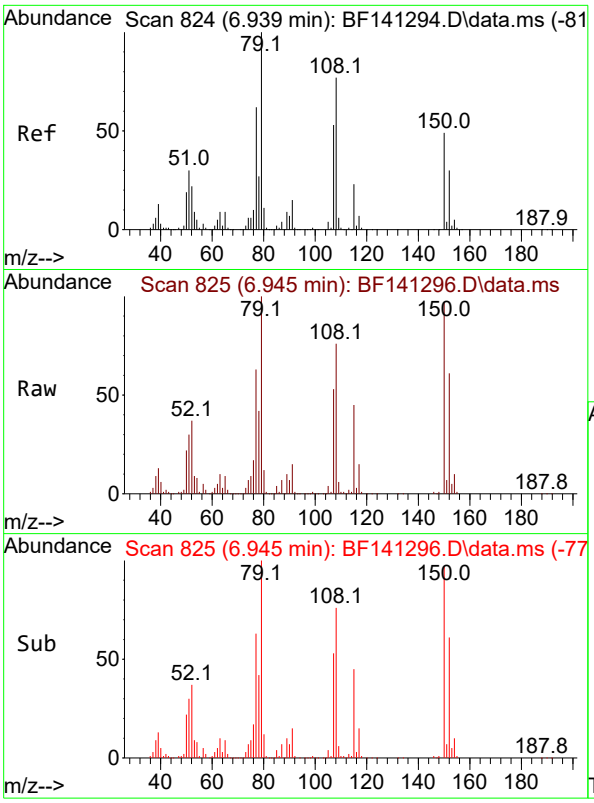


#14
1,2-Dichlorobenzene
Concen: 56.602 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:146 Resp: 513179

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	45.7	36.6	55.0



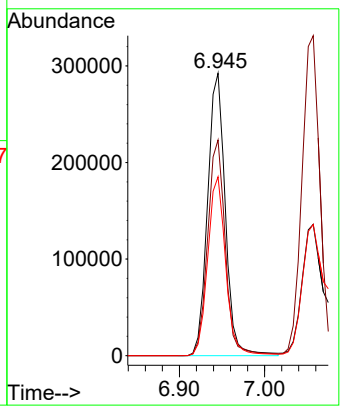


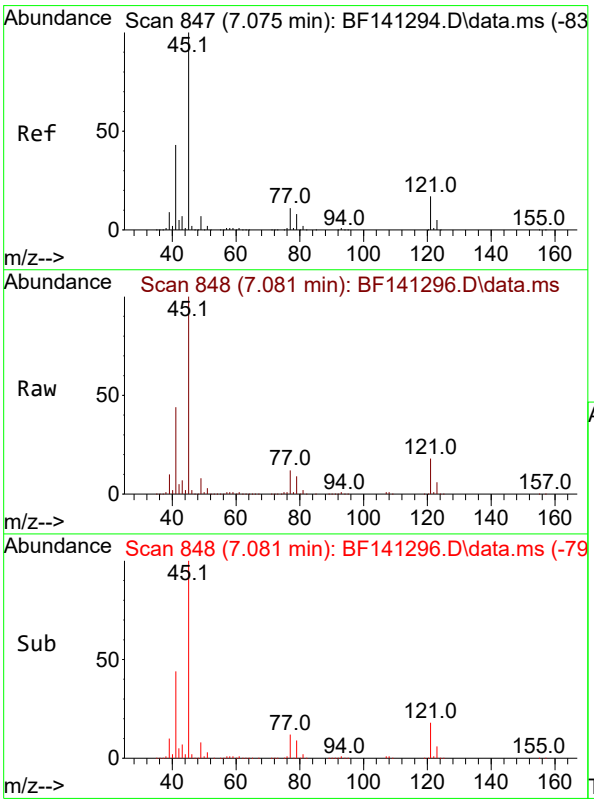
#15
Benzyl Alcohol
Concen: 59.622 ng
RT: 6.945 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 79 Resp: 422722

Ion	Ratio	Lower	Upper
79	100		
108	76.4	61.4	92.0
77	63.3	49.9	74.9

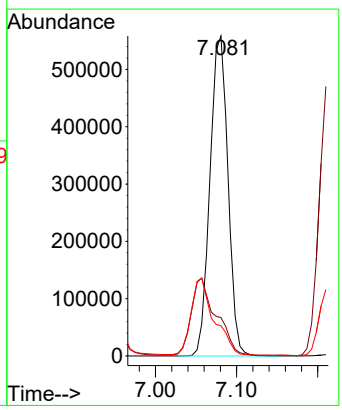


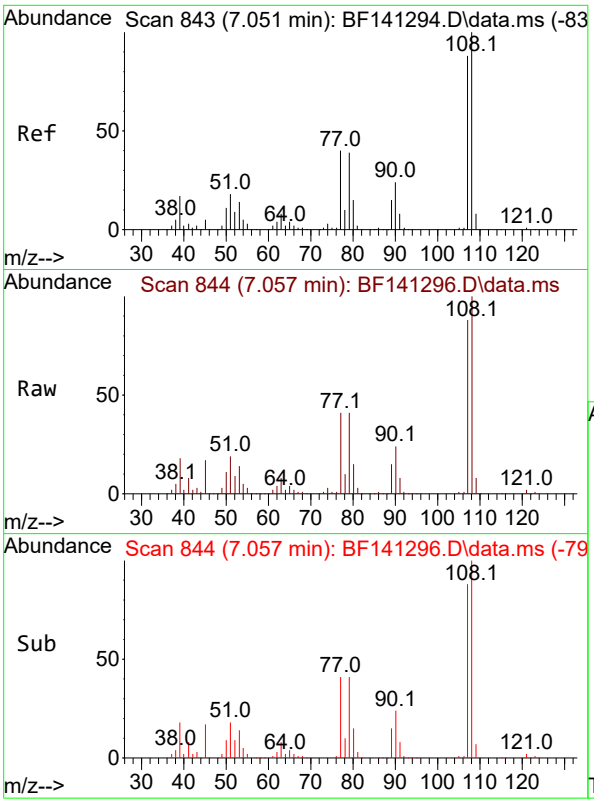


#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.590 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 45 Resp: 859130

Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	31.8
79	9.4	0.0	29.1



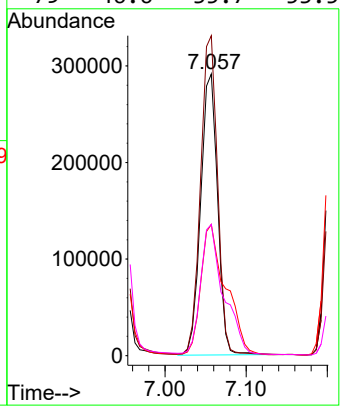


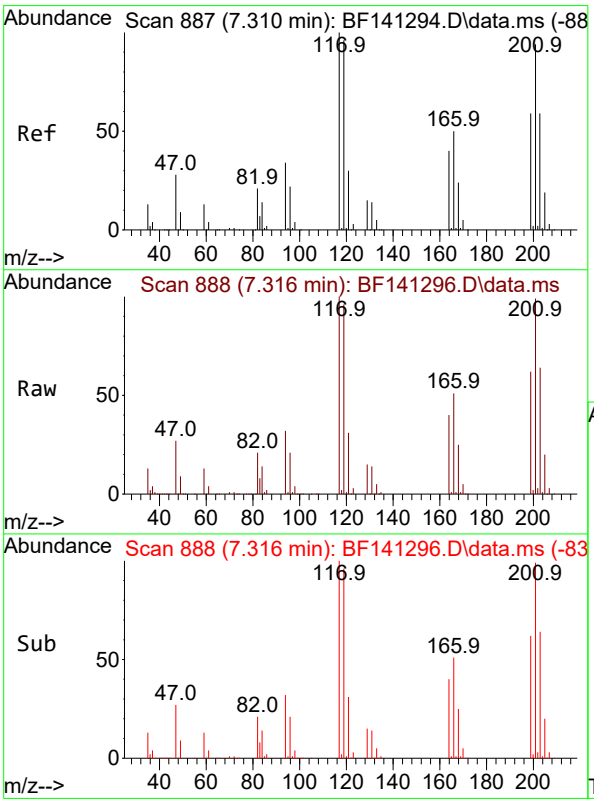
#17
2-Methylphenol
Concen: 59.203 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:107 Resp: 420597

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.8	136.2
77	46.6	36.2	54.4
79	46.6	35.7	53.5

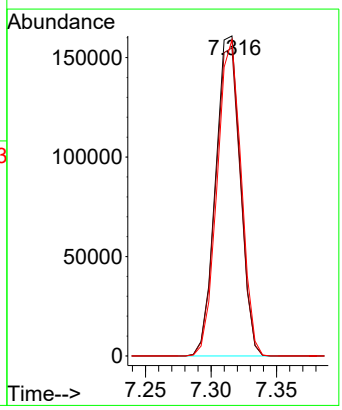


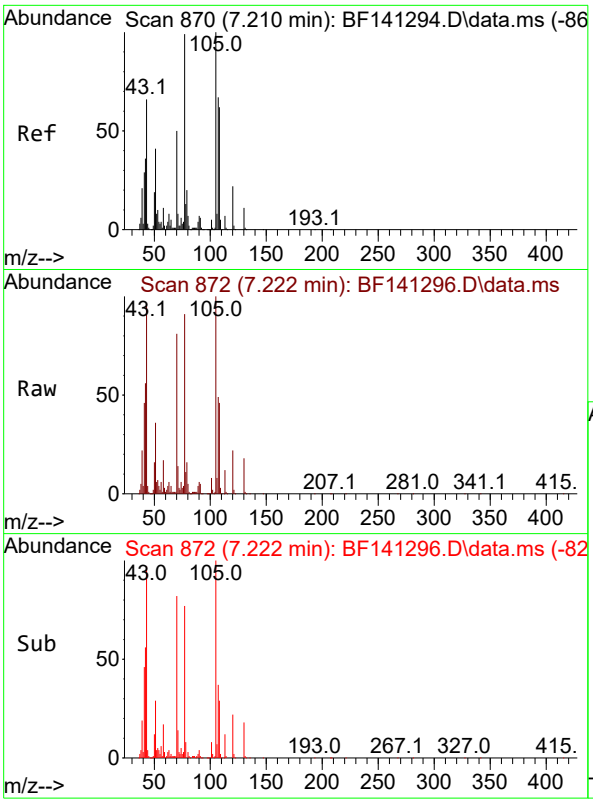


#18
Hexachloroethane
Concen: 59.001 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:117 Resp: 210746

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	98.8	74.8	112.2



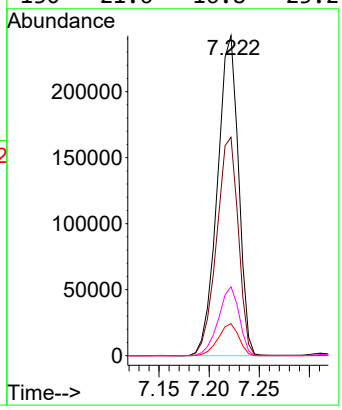


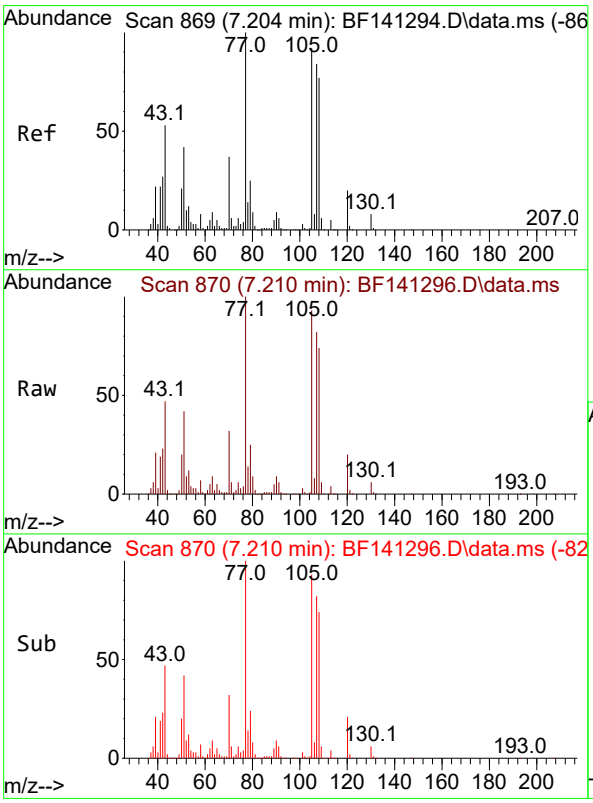
#19
n-Nitroso-di-n-propylamine
Concen: 57.592 ng
RT: 7.222 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 70 Resp: 355036

Ion	Ratio	Lower	Upper
70	100		
42	68.3	56.8	85.2
101	10.0	7.7	11.5
130	21.6	16.8	25.2

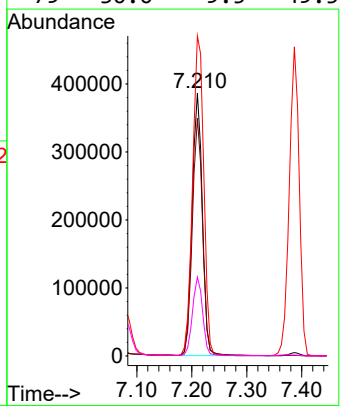


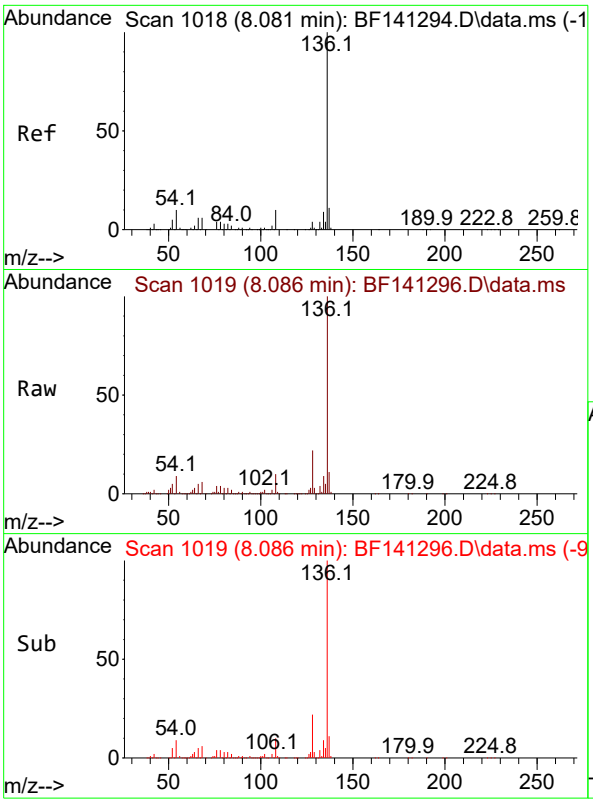


#20
3+4-Methylphenols
Concen: 56.963 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 496888

Ion	Ratio	Lower	Upper
107	100		
108	90.4	70.9	110.9
77	121.7	98.5	138.5
79	30.0	9.5	49.5



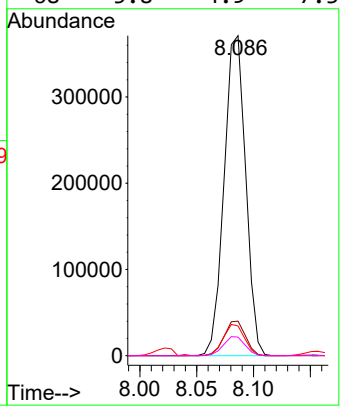


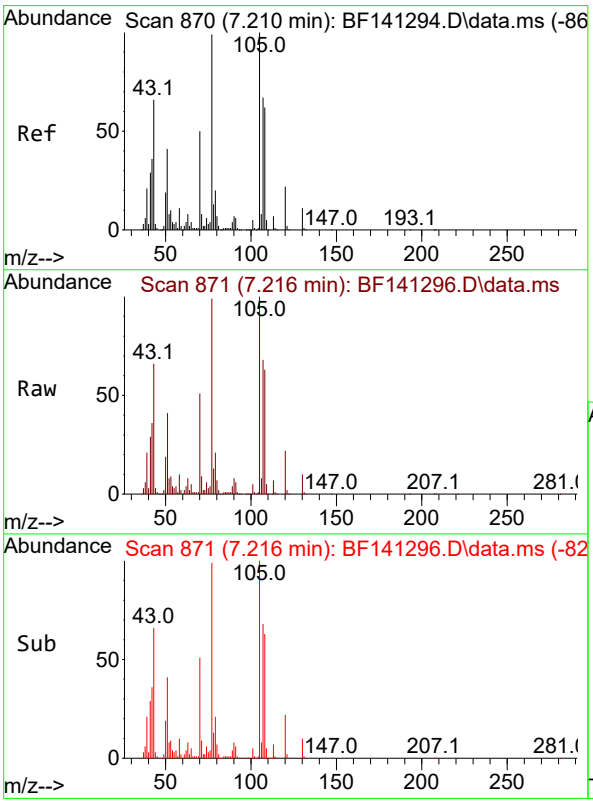
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:136 Resp: 490777

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.8	11.8
68	5.8	4.9	7.3

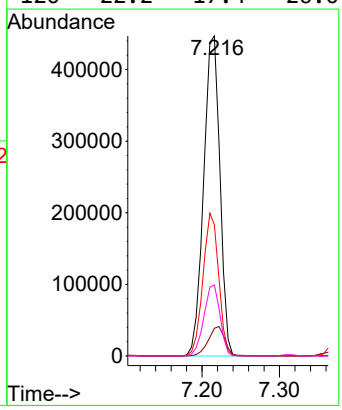


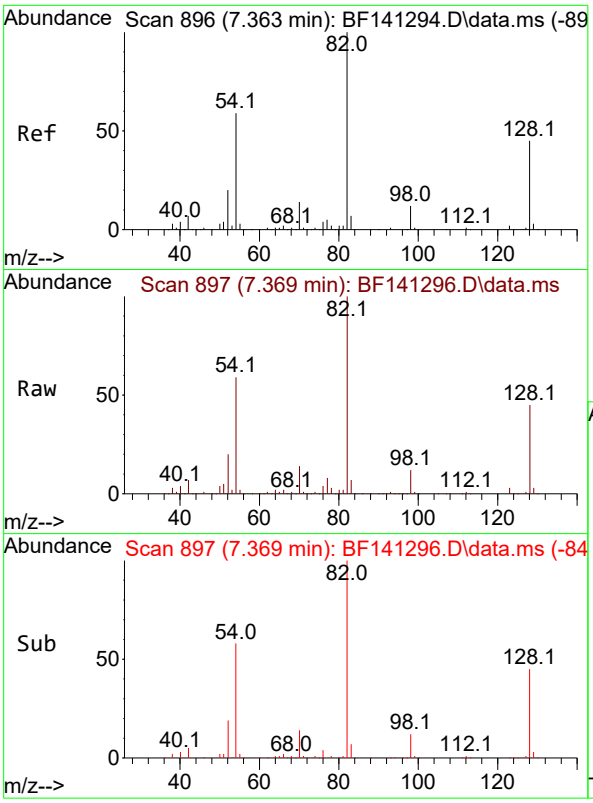


#22
Acetophenone
Concen: 55.854 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:105 Resp: 651575

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.8	10.2
51	41.0	32.6	49.0
120	22.2	17.4	26.0



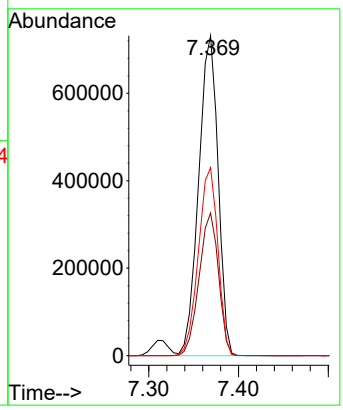


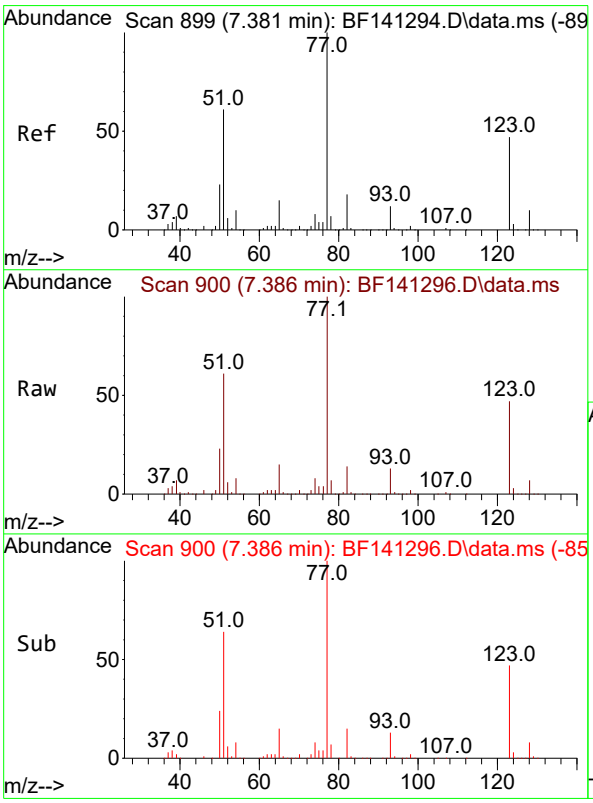
#23
Nitrobenzene-d5
Concen: 117.962 ng
RT: 7.369 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 1098197

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	58.7	47.1	70.7

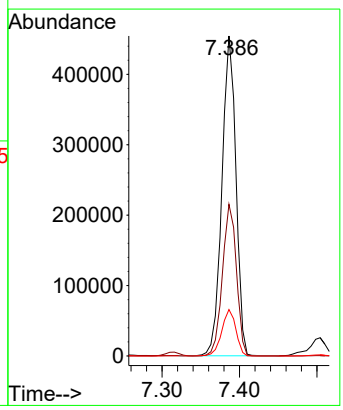


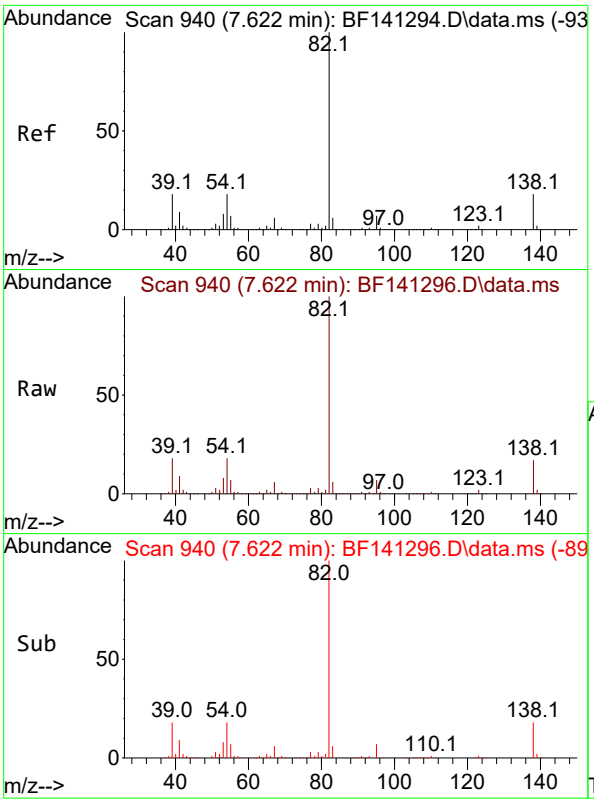


#24
Nitrobenzene
Concen: 59.313 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 77 Resp: 572234

Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.3	55.9
65	14.5	11.8	17.6



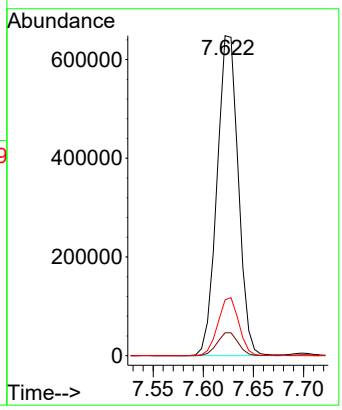


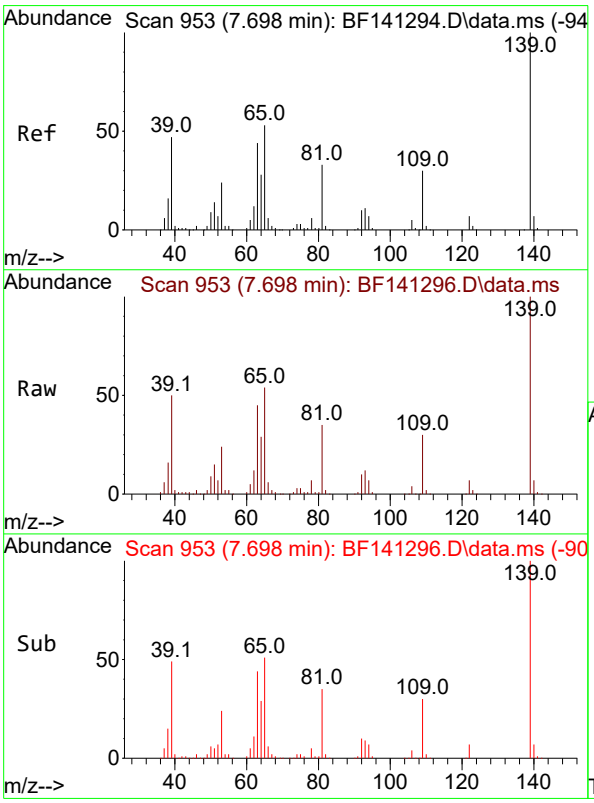
#25
Isophorone
Concen: 59.261 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 82 Resp: 953671

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.5	14.7	22.1

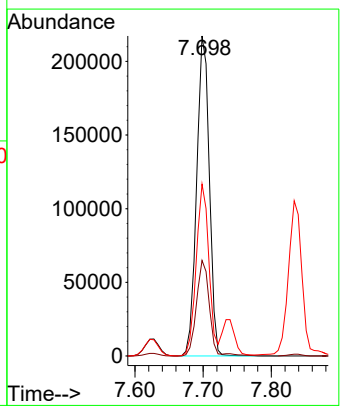


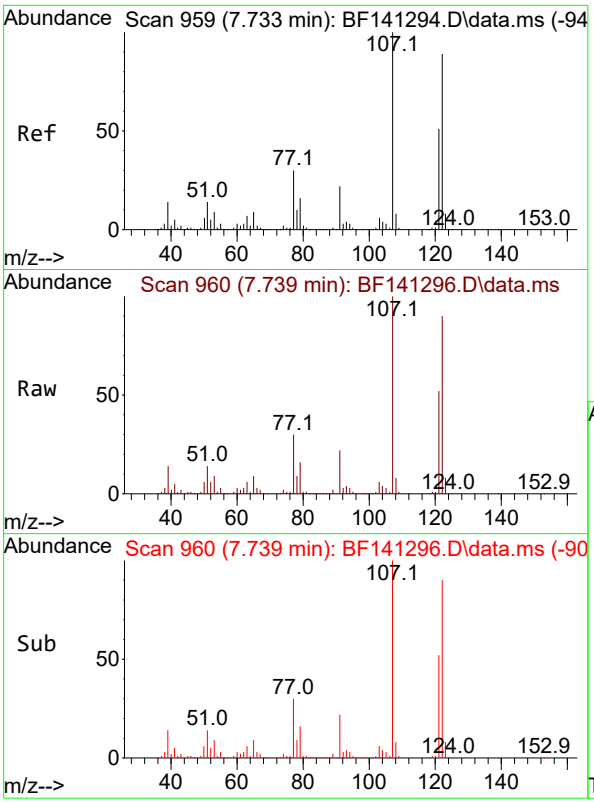


#26
2-Nitrophenol
Concen: 61.711 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 280785

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.8	35.6
65	53.7	42.2	63.4



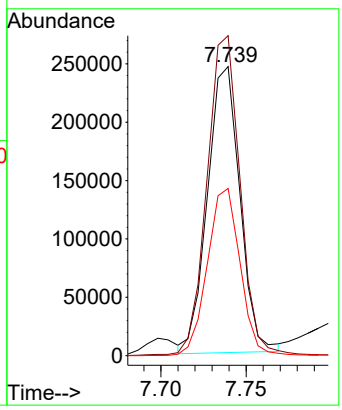


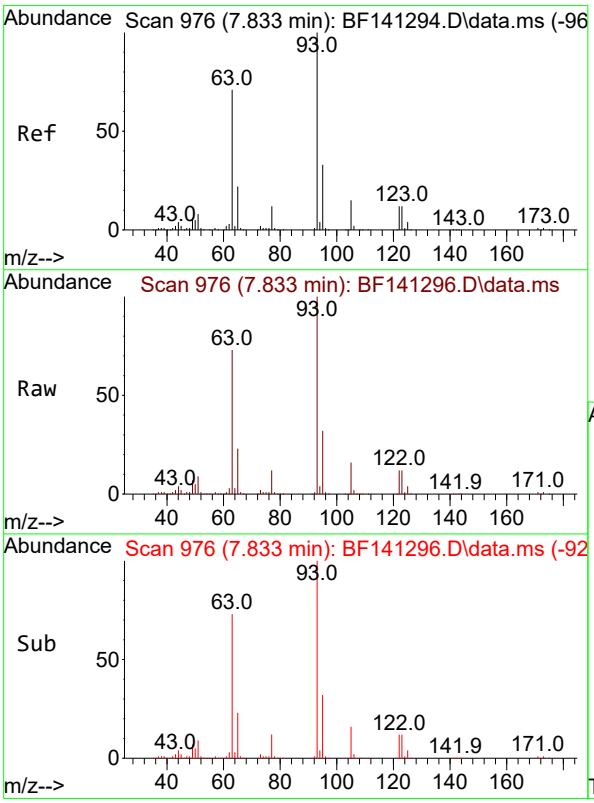
#27
2,4-Dimethylphenol
Concen: 56.285 ng
RT: 7.739 min Scan# 9
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:122 Resp: 325969

Ion	Ratio	Lower	Upper
122	100		
107	110.7	89.9	134.9
121	57.8	46.1	69.1

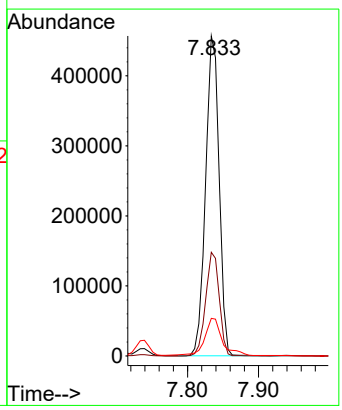


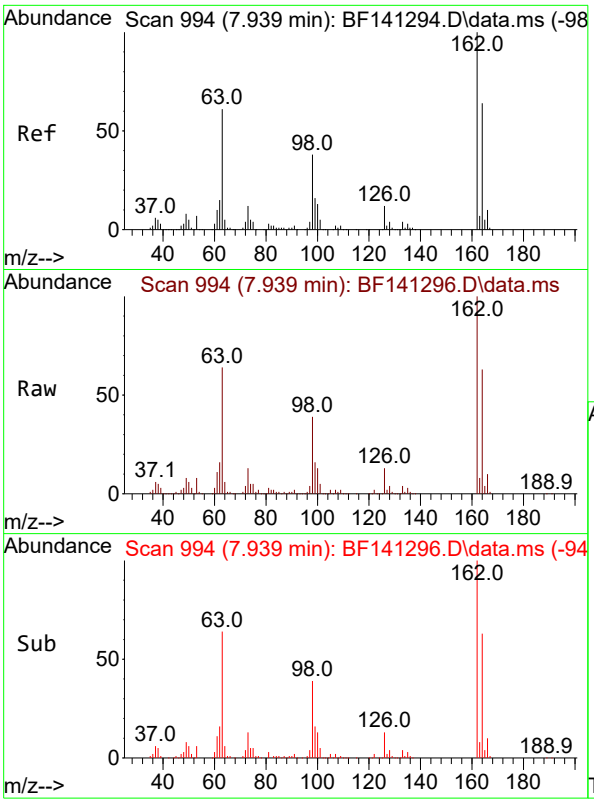


#28
bis(2-Chloroethoxy)methane
Concen: 59.001 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 93 Resp: 605644

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.2
123	11.8	10.2	15.4



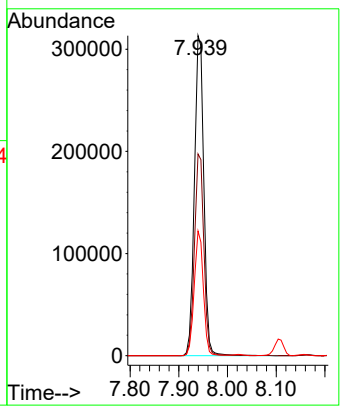


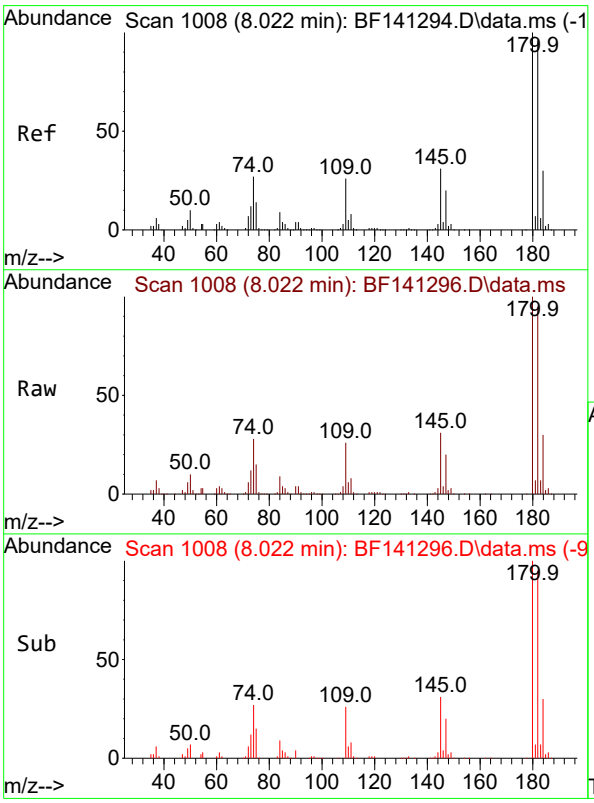
#29
2,4-Dichlorophenol
Concen: 59.485 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 421748

Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.2	84.2
98	38.9	18.2	58.2

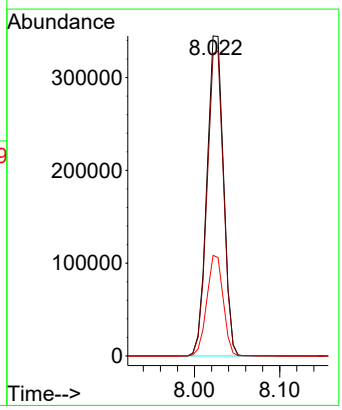


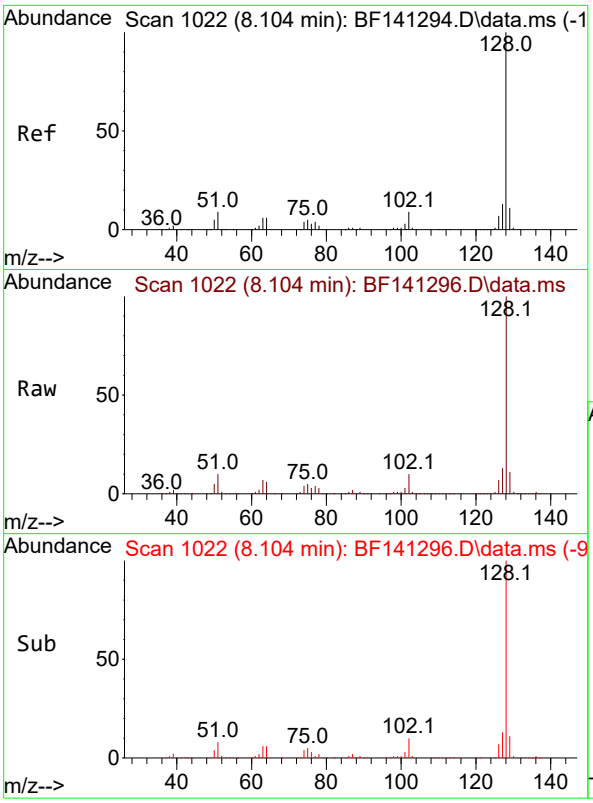


#30
1,2,4-Trichlorobenzene
Concen: 57.533 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:180 Resp: 465841

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	31.4	24.9	37.3



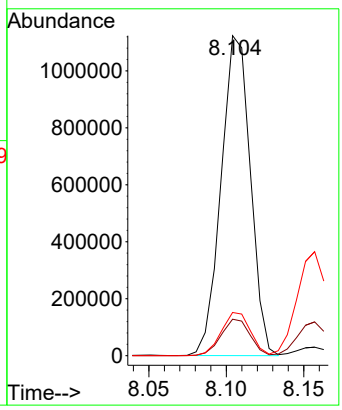


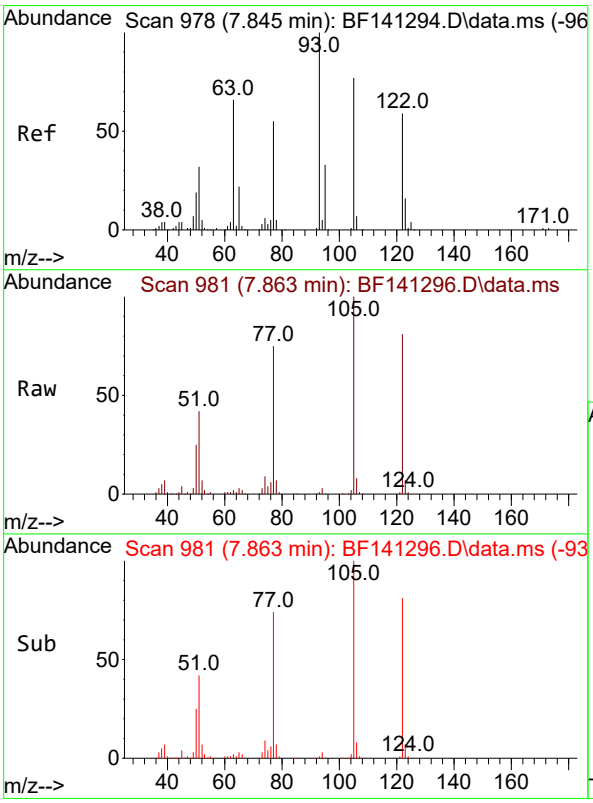
#31
Naphthalene
Concen: 56.926 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:128 Resp: 1475900

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.5	10.6	15.8

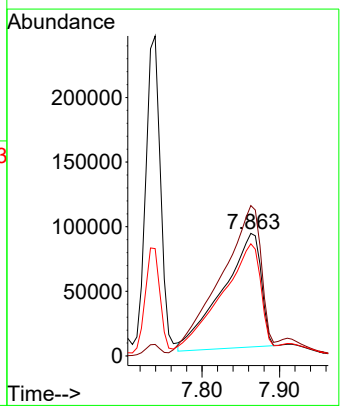


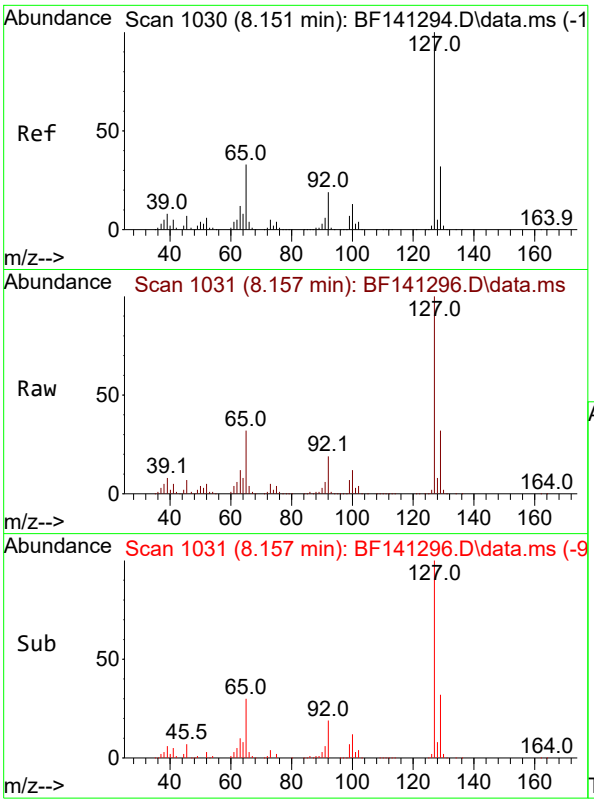


#32
Benzoic acid
Concen: 57.408 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:122 Resp: 305638

Ion	Ratio	Lower	Upper
122	100		
105	122.7	103.4	143.4
77	91.6	70.9	110.9



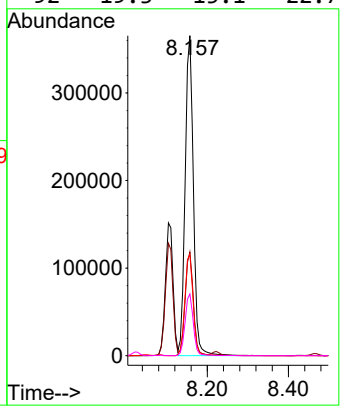


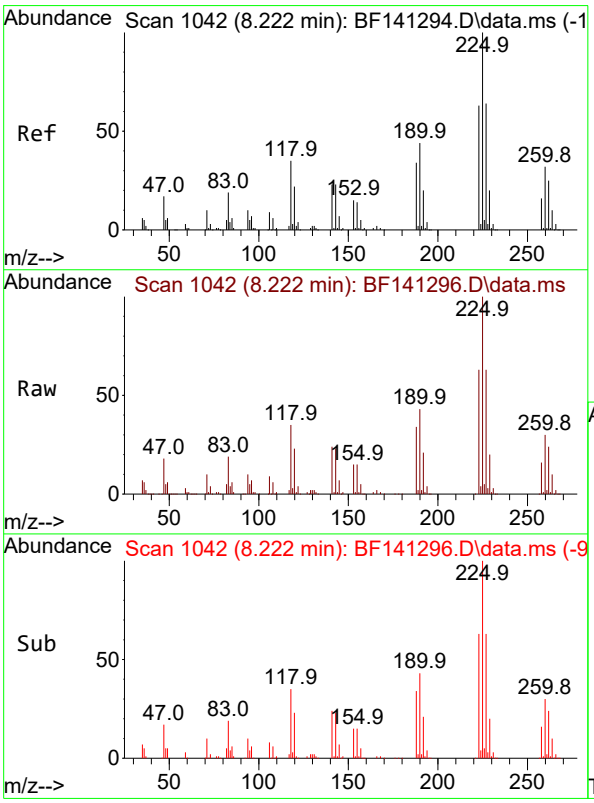
#33
4-Chloroaniline
Concen: 58.367 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 513149

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	31.7	26.4	39.6
92	19.3	15.1	22.7

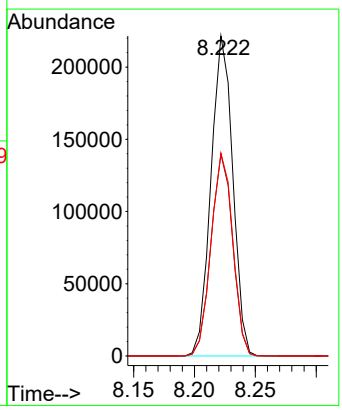


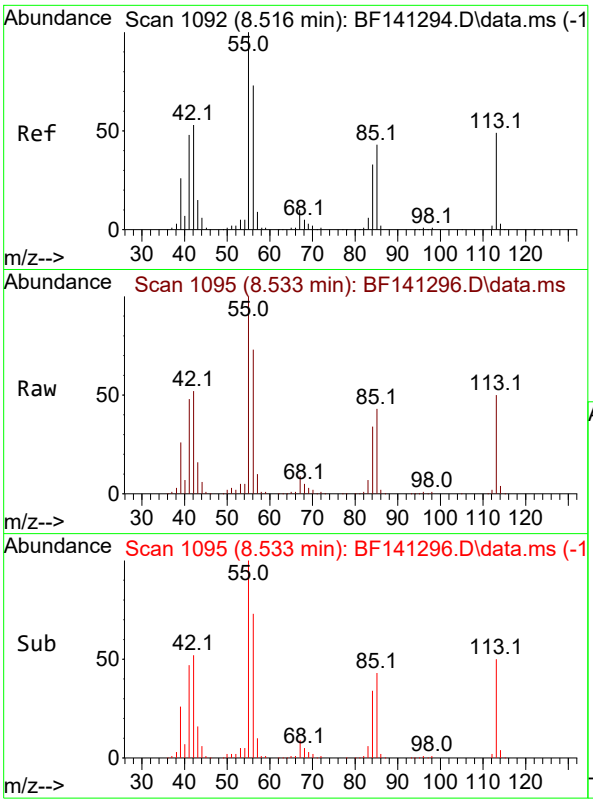


#34
Hexachlorobutadiene
Concen: 58.025 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:225 Resp: 275524

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	63.4	51.3	76.9



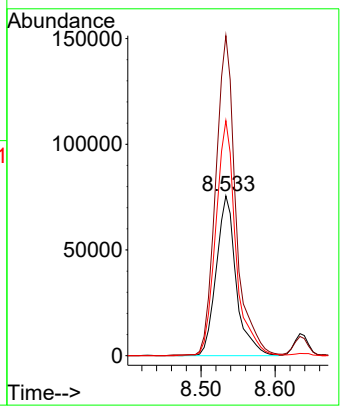


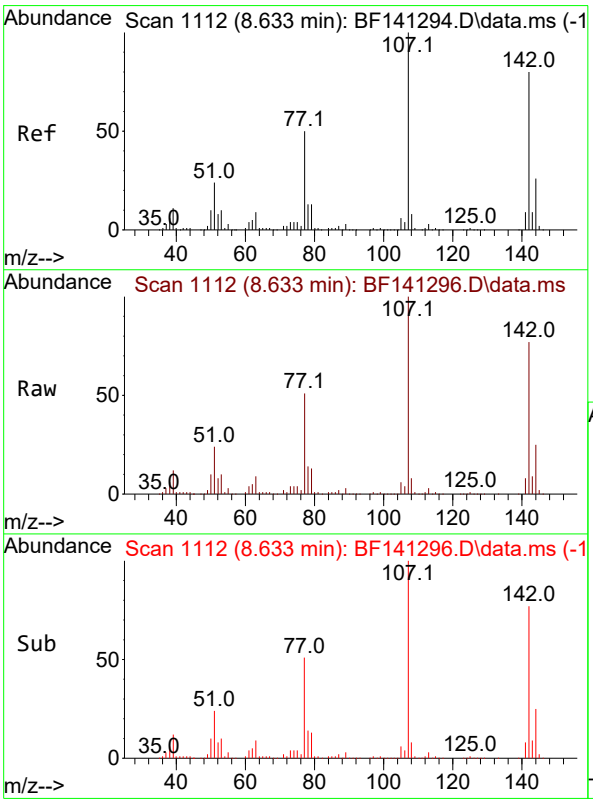
#35
Caprolactam
Concen: 60.904 ng
RT: 8.533 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:113 Resp: 141023

Ion	Ratio	Lower	Upper
113	100		
55	200.2	182.9	222.9
56	147.0	127.9	167.9

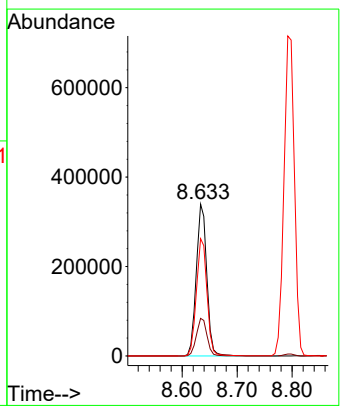


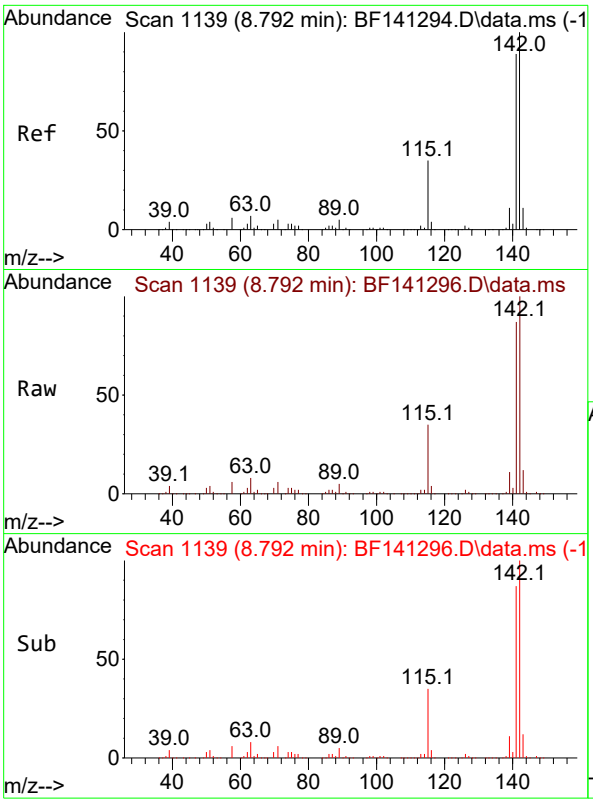


#36
4-Chloro-3-methylphenol
Concen: 59.492 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:107 Resp: 452438

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.2	63.8	95.8



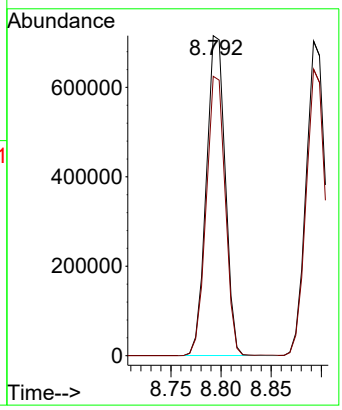


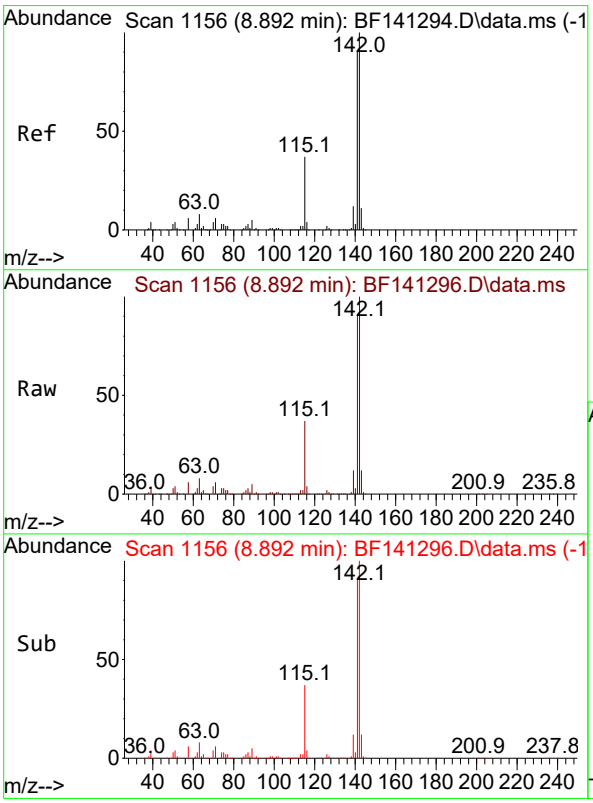
#37
2-Methylnaphthalene
Concen: 57.114 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 941153

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.3	106.9

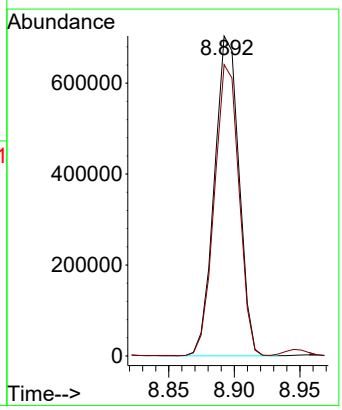


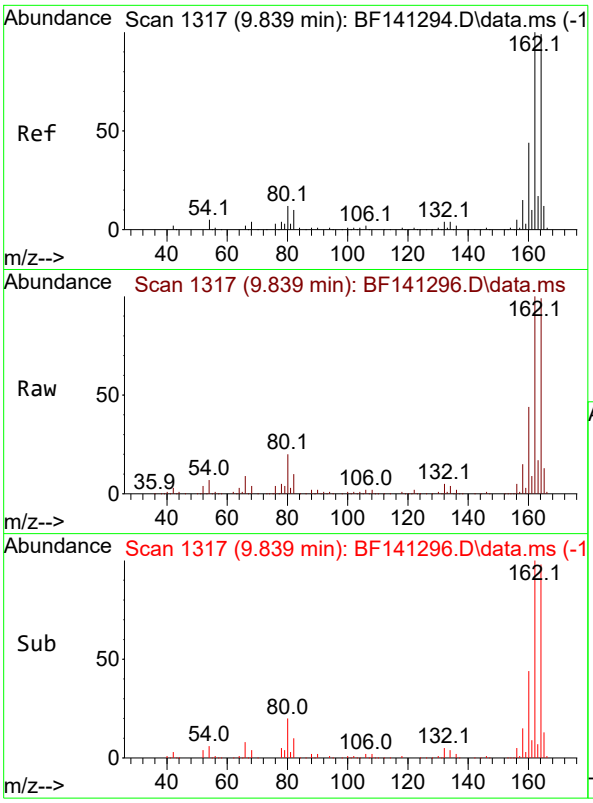


#38
1-Methylnaphthalene
Concen: 56.675 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:142 Resp: 917389

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8



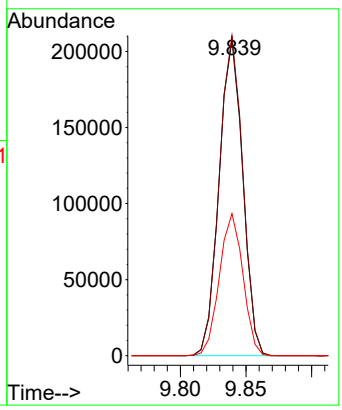


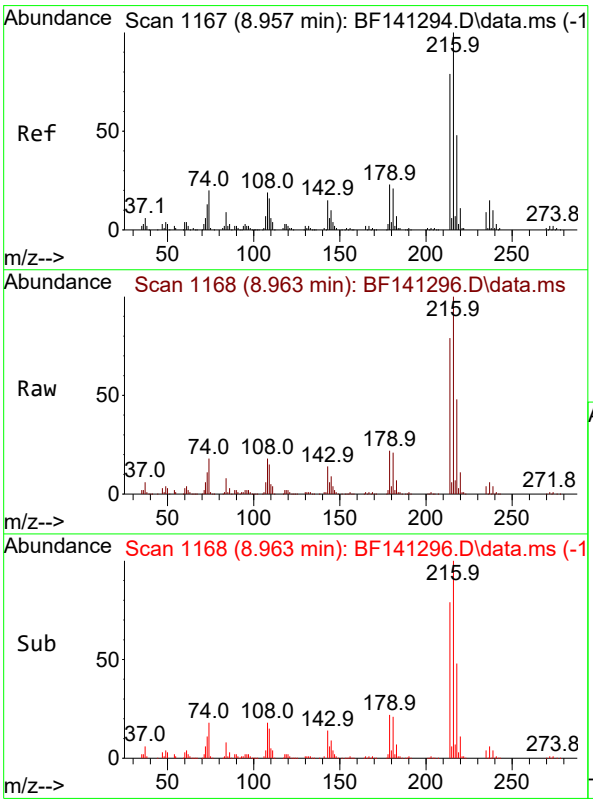
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:164 Resp: 260269

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.0	35.8	53.6

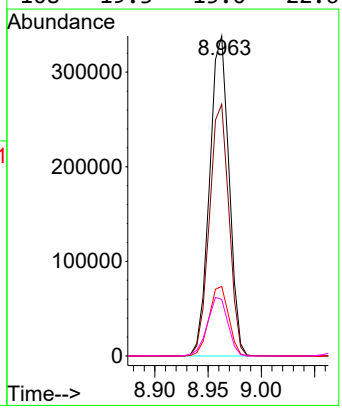


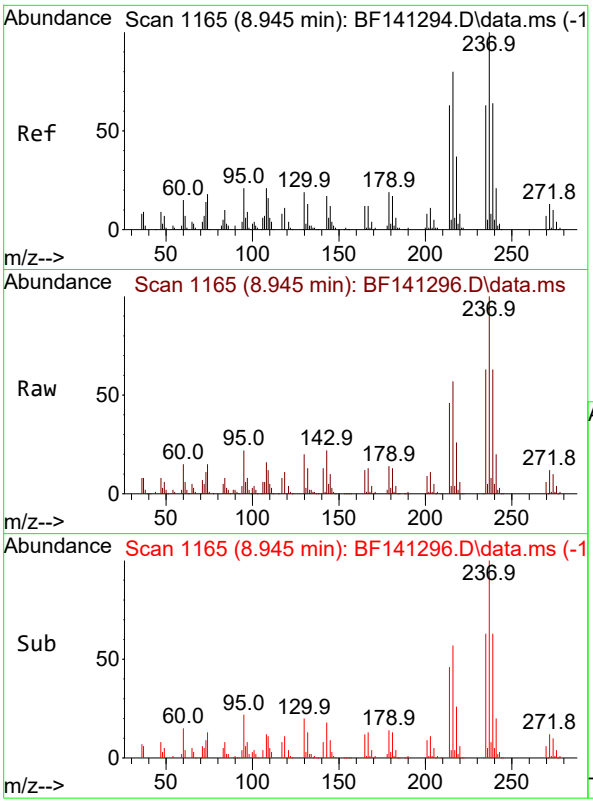


#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.106 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:216 Resp: 430239

Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.0	17.8	26.8
108	19.3	15.0	22.6



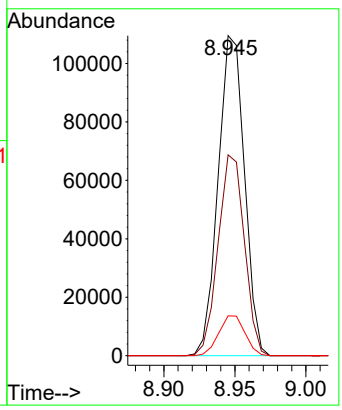


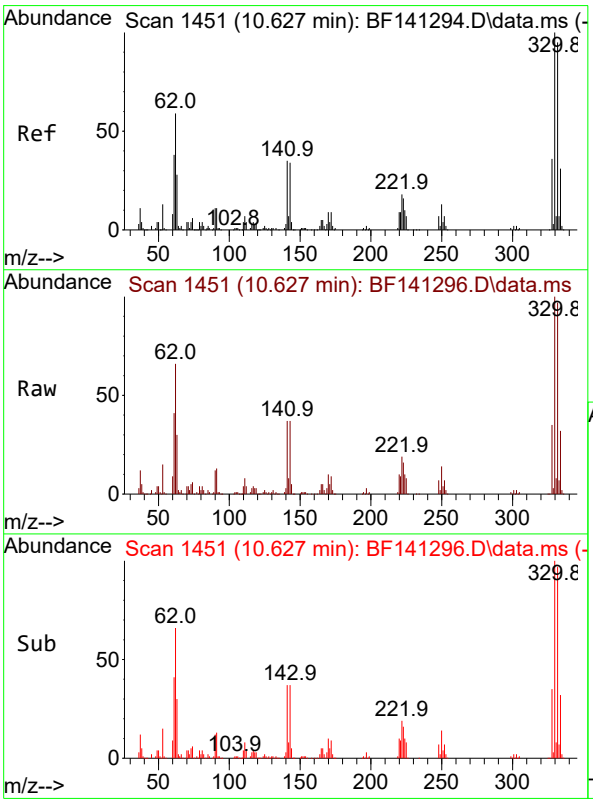
#41
Hexachlorocyclopentadiene
Concen: 64.657 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:237 Resp: 141387

Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.9	82.9
272	12.5	0.0	32.8

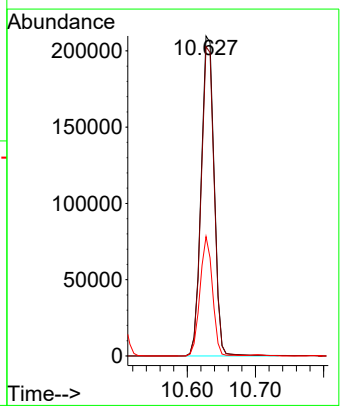


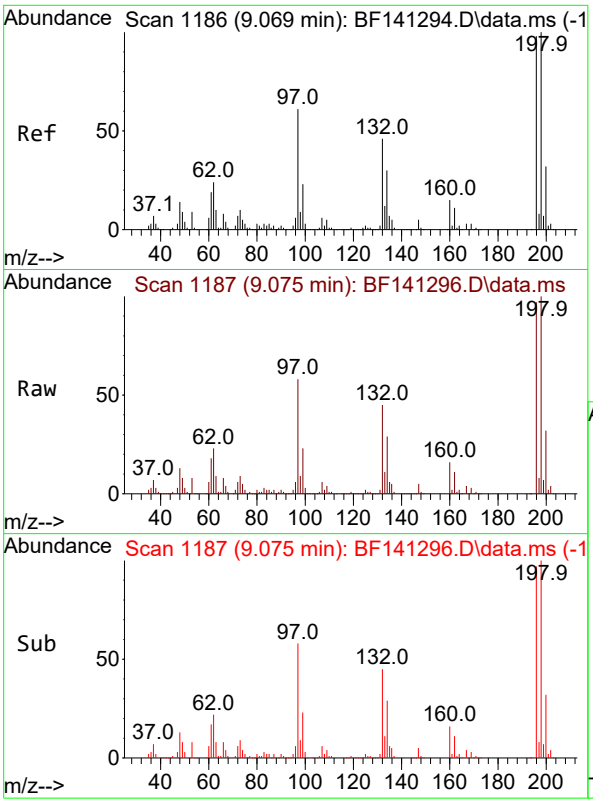


#42
2,4,6-Tribromophenol
Concen: 116.973 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:330 Resp: 279105

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.1	114.1
141	35.8	28.8	43.2



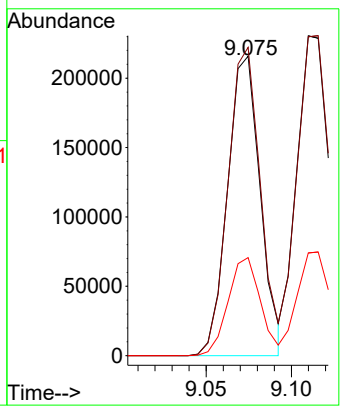


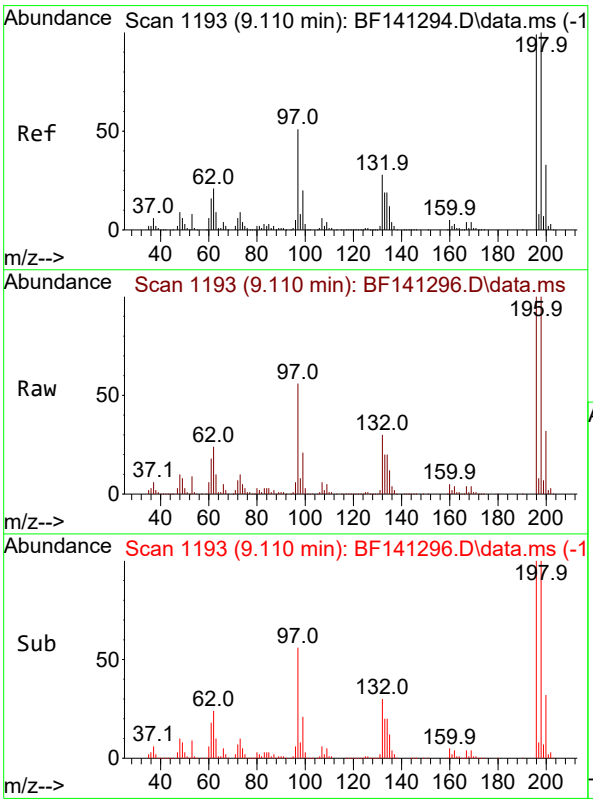
#43
2,4,6-Trichlorophenol
Concen: 59.485 ng
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:196 Resp: 288290

Ion	Ratio	Lower	Upper
196	100		
198	102.9	81.8	122.6
200	32.7	26.3	39.5

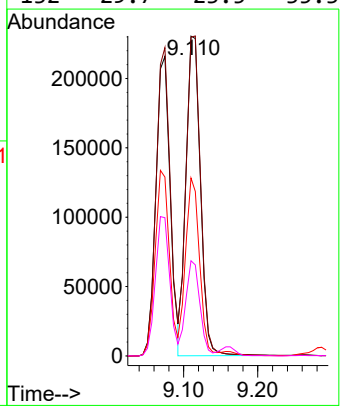


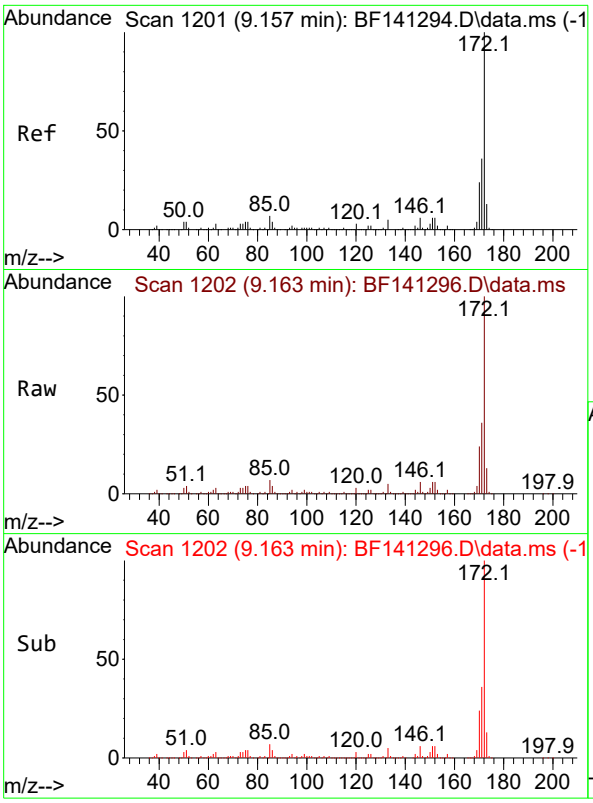


#44
2,4,5-Trichlorophenol
Concen: 59.702 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:196 Resp: 314912

Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.5	120.7
97	55.7	42.8	64.2
132	29.7	23.5	35.3



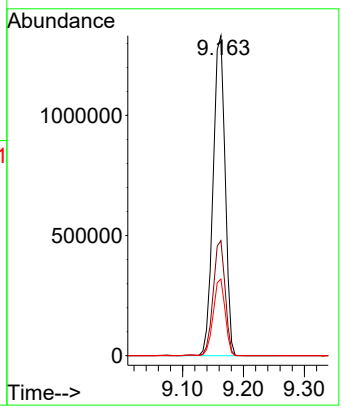


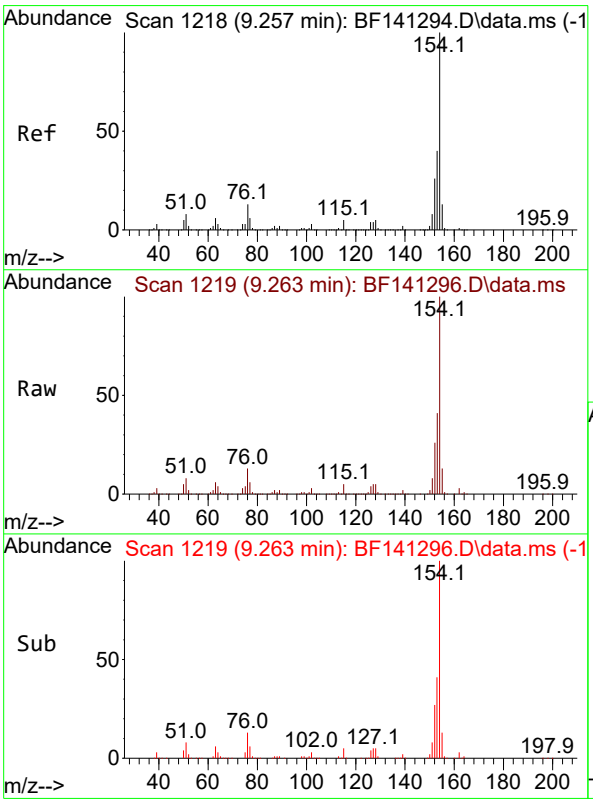
#45
2-Fluorobiphenyl
Concen: 107.891 ng
RT: 9.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:172 Resp: 1824372

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	24.0	19.0	28.6

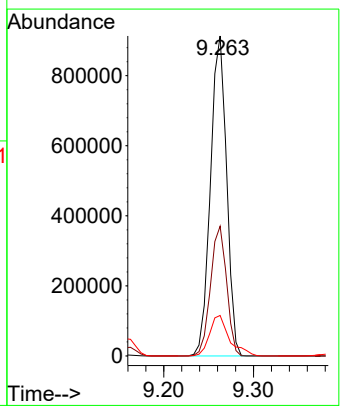


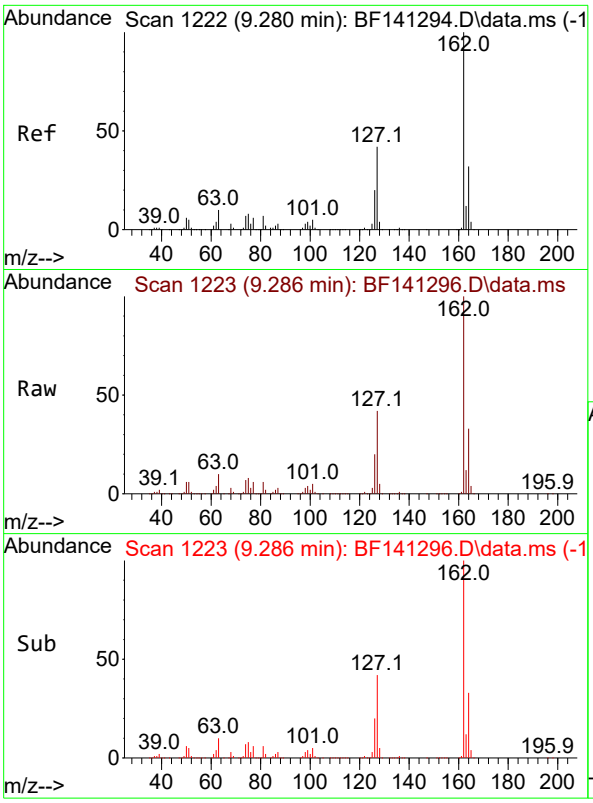


#46
1,1'-Biphenyl
Concen: 56.161 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 1139946

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.0	60.0
76	12.7	0.0	32.8



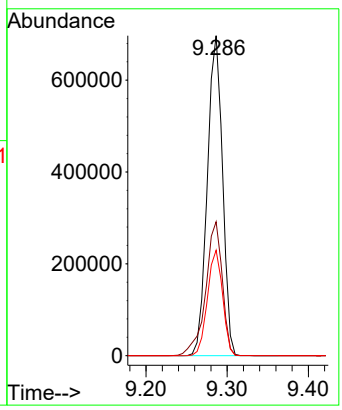


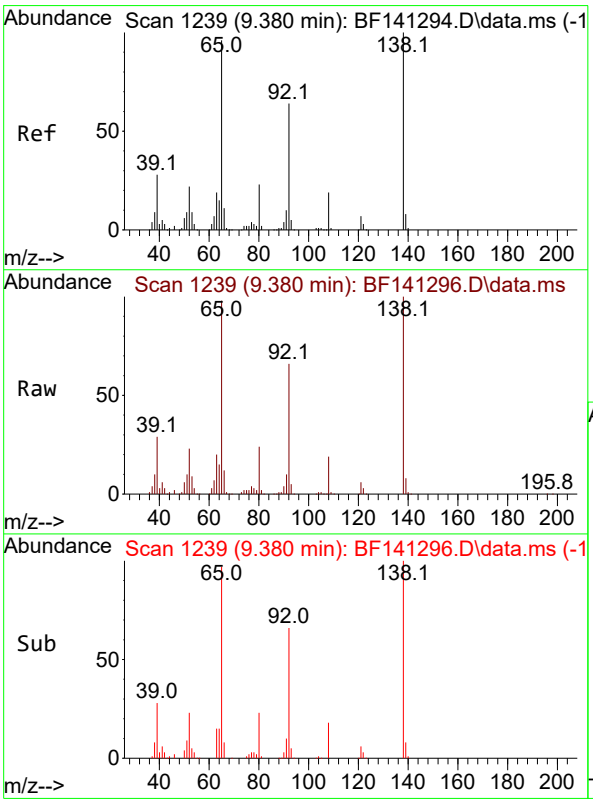
#47
2-Chloronaphthalene
Concen: 57.048 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:162 Resp: 902561

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.7	50.5
164	33.0	25.9	38.9

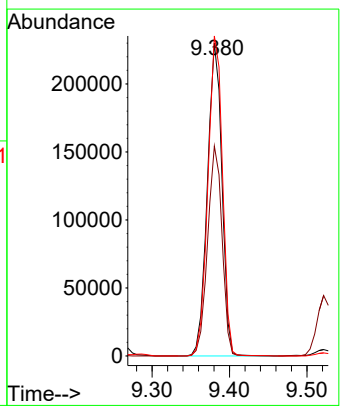


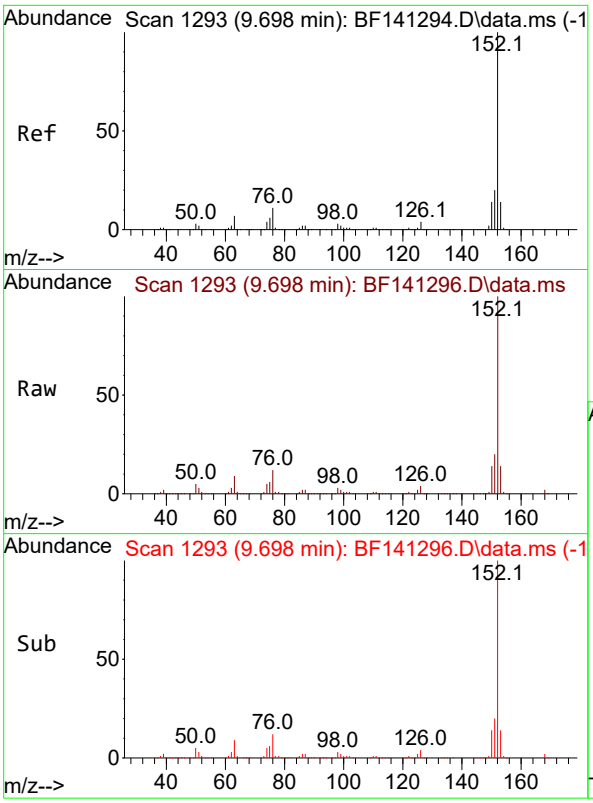


#48
2-Nitroaniline
Concen: 60.353 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion: 65 Resp: 300339

Ion	Ratio	Lower	Upper
65	100		
92	67.1	53.3	79.9
138	102.3	83.6	125.4



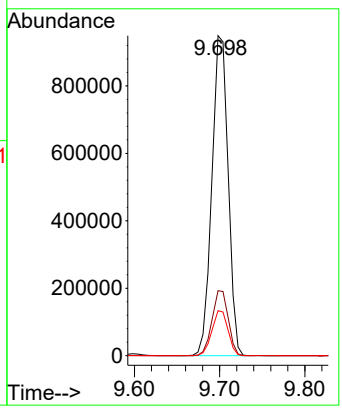


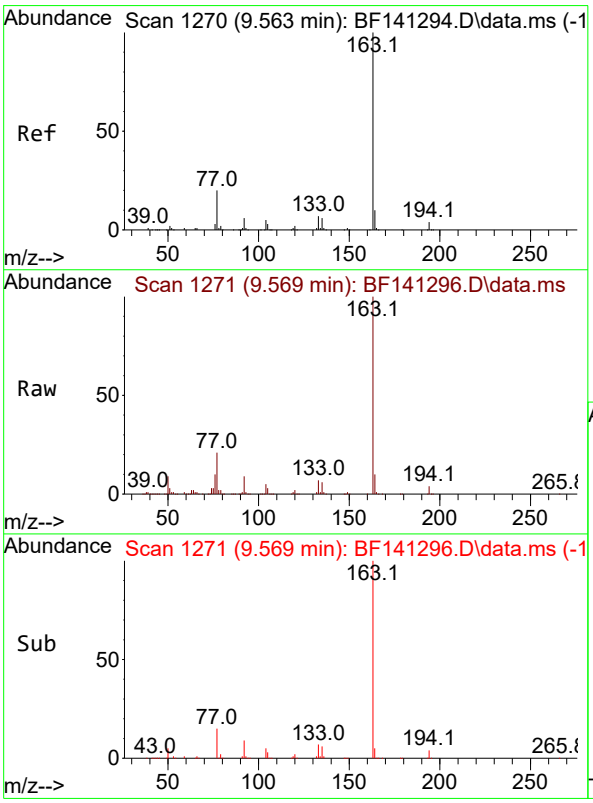
#49
Acenaphthylene
Concen: 56.836 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:152 Resp: 1258733

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.1	11.0	16.6

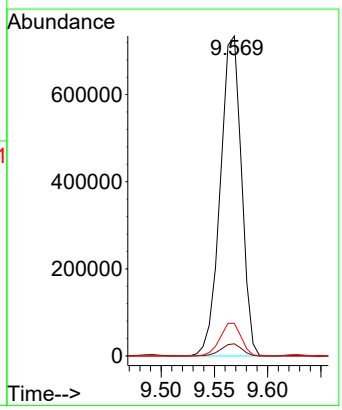


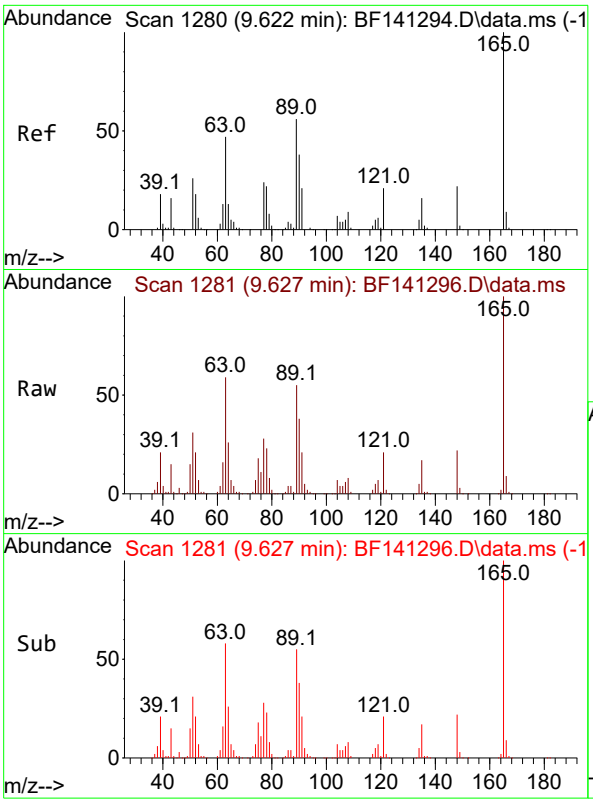


#50
Dimethylphthalate
Concen: 57.587 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:163 Resp: 1012298

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



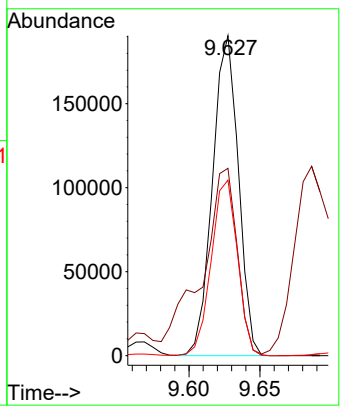


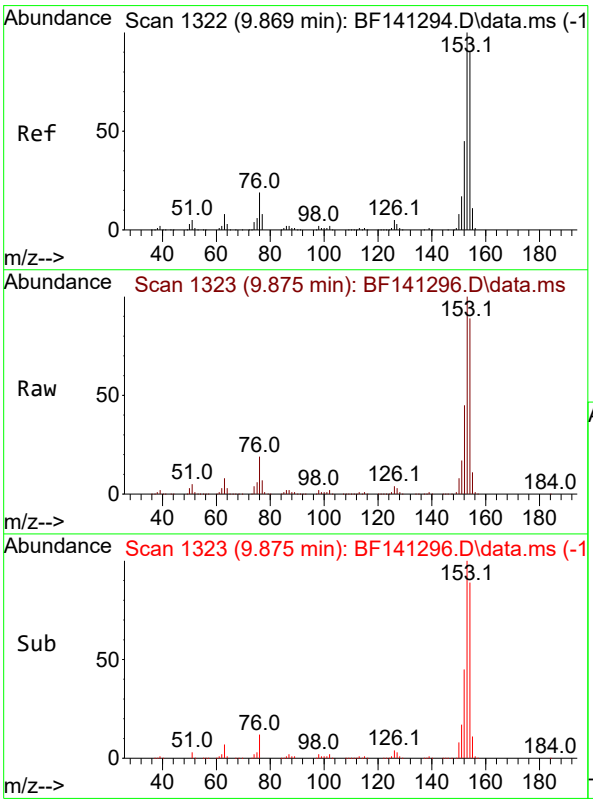
#51
2,6-Dinitrotoluene
Concen: 59.106 ng
RT: 9.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 241241

Ion	Ratio	Lower	Upper
165	100		
63	58.5	48.1	72.1
89	54.8	44.9	67.3

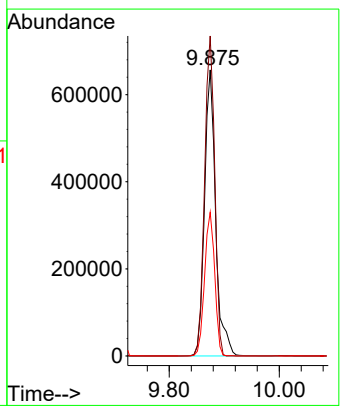


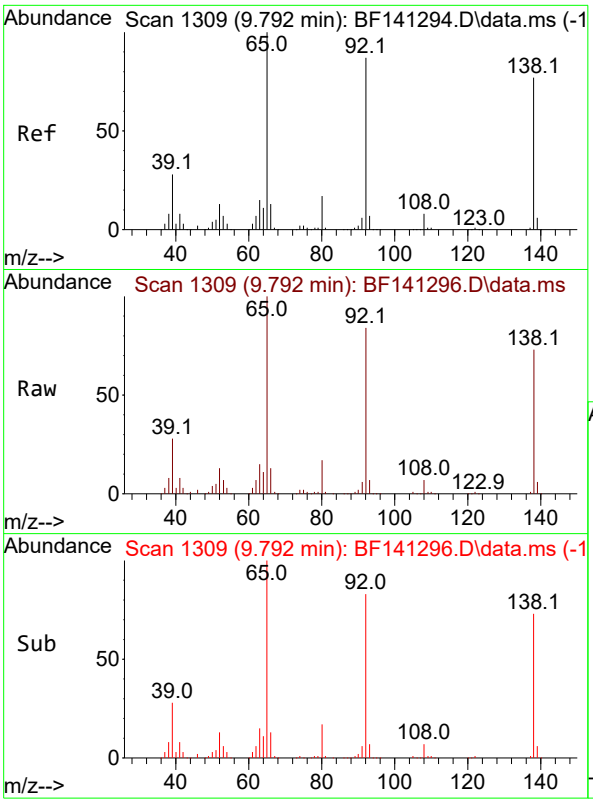


#52
Acenaphthene
Concen: 58.244 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:154 Resp: 921519

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.4
152	50.2	40.2	60.4



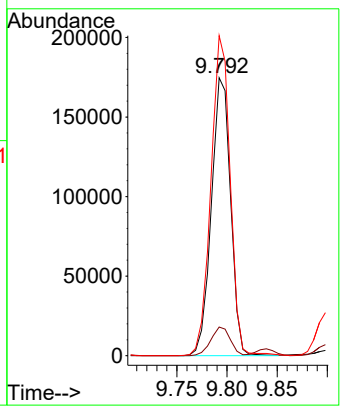


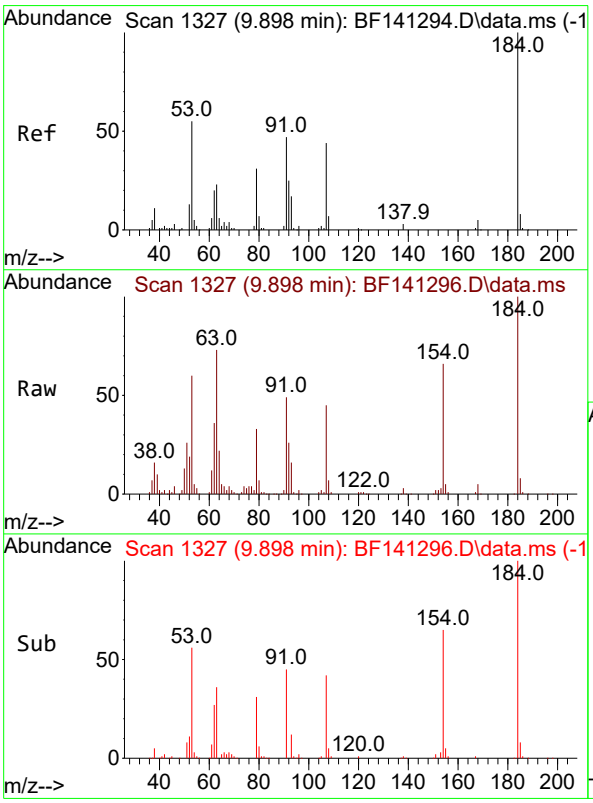
#53
3-Nitroaniline
Concen: 58.165 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:138 Resp: 232680

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	115.2	91.0	136.6

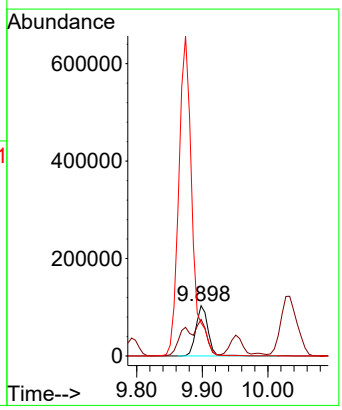


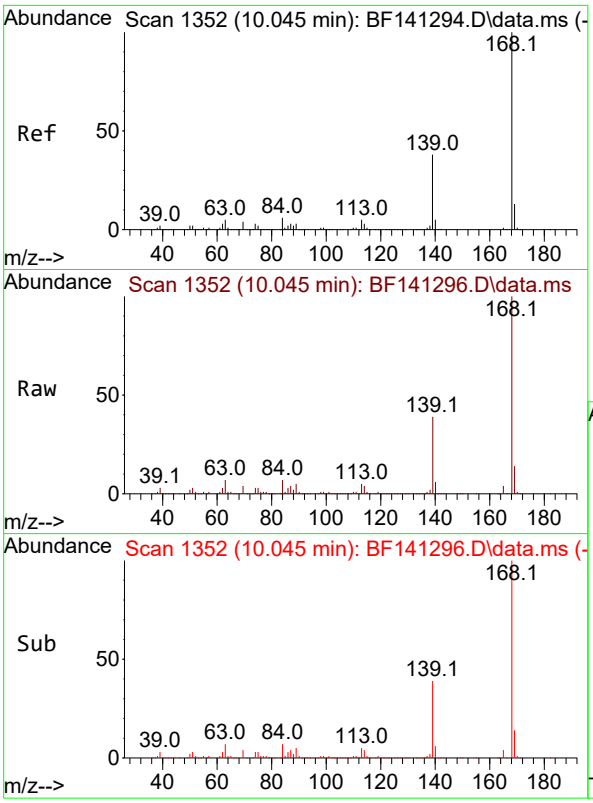


#54
2,4-Dinitrophenol
Concen: 69.701 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:184 Resp: 132244

Ion	Ratio	Lower	Upper
184	100		
63	72.8	54.1	81.1
154	65.5	50.7	76.1



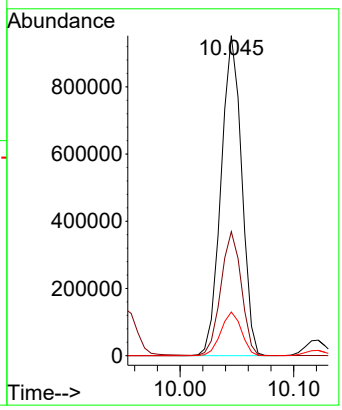


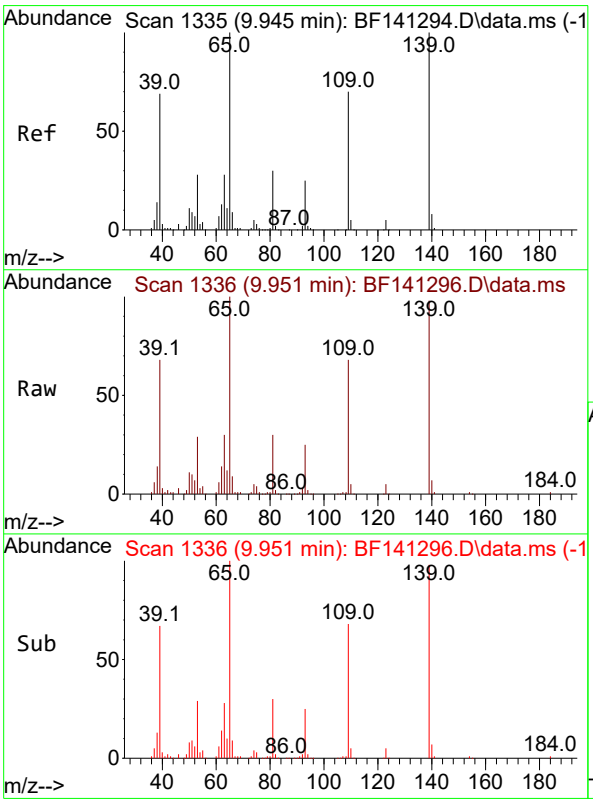
#55
Dibenzofuran
Concen: 56.758 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:168 Resp: 1202027

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	46.0
169	13.7	10.8	16.2

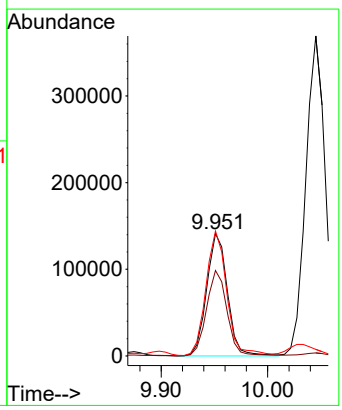


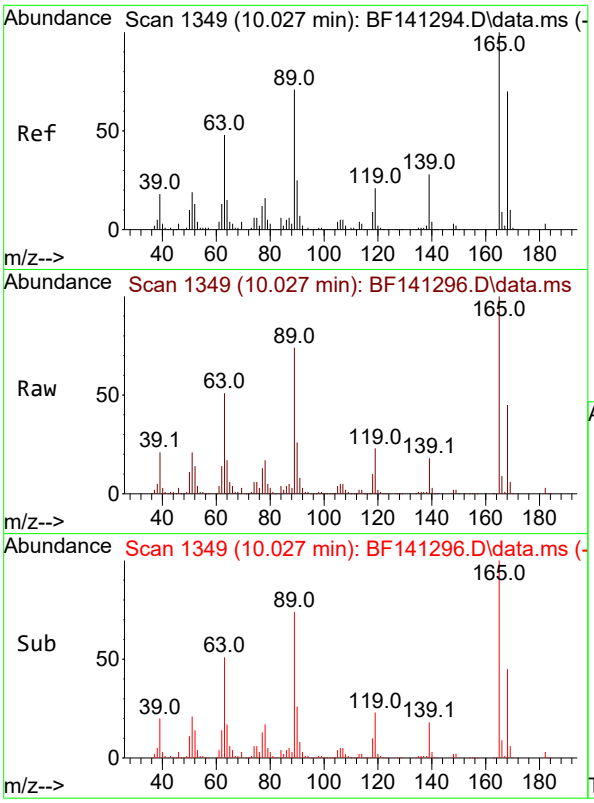


#56
4-Nitrophenol
Concen: 65.156 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:139 Resp: 190620

Ion	Ratio	Lower	Upper
139	100		
109	69.8	50.2	90.2
65	102.1	80.6	120.6



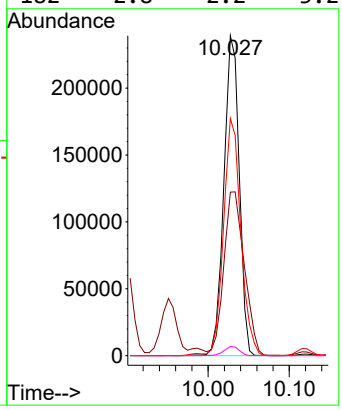


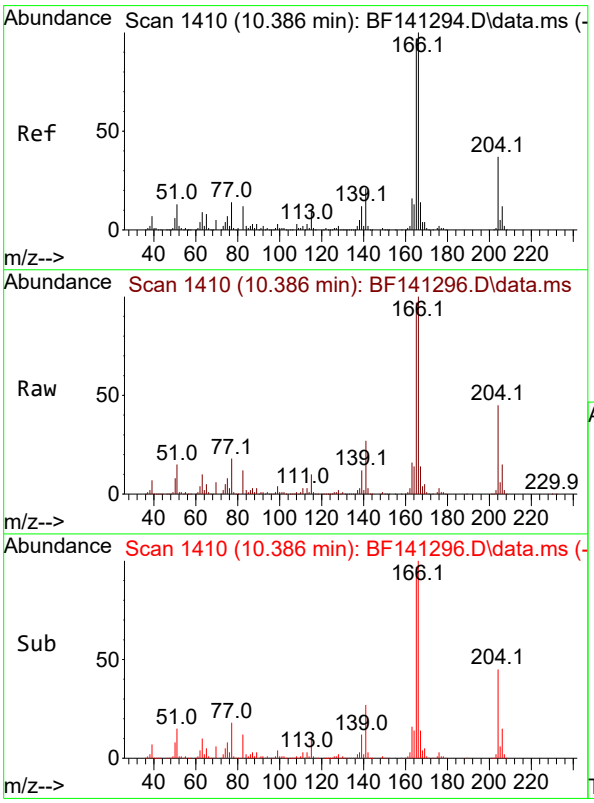
#57
2,4-Dinitrotoluene
Concen: 59.651 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:165 Resp: 315221

Ion	Ratio	Lower	Upper
165	100		
63	51.1	39.2	58.8
89	74.2	56.9	85.3
182	2.8	2.2	3.2

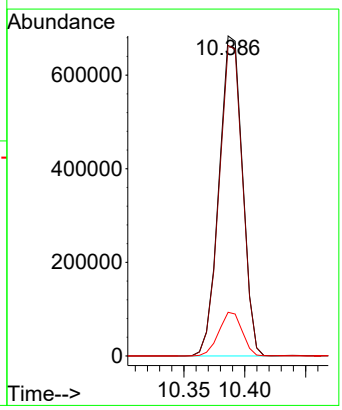


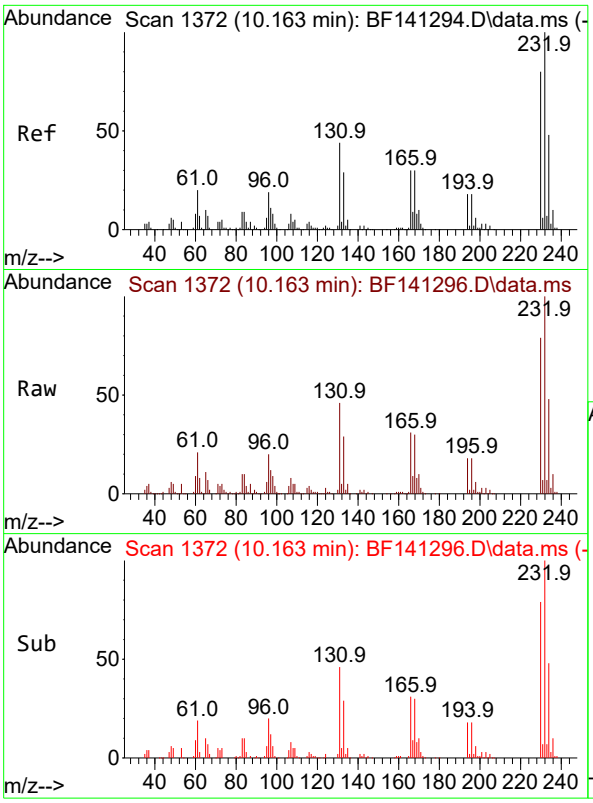


#58
Fluorene
Concen: 55.715 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:166 Resp: 915246

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.5	116.3
167	13.6	10.9	16.3



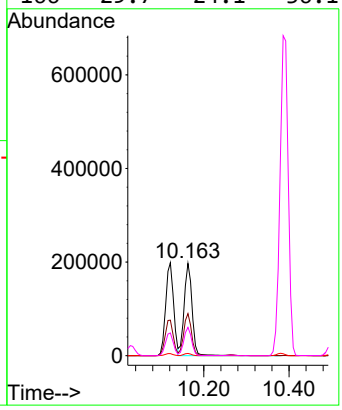


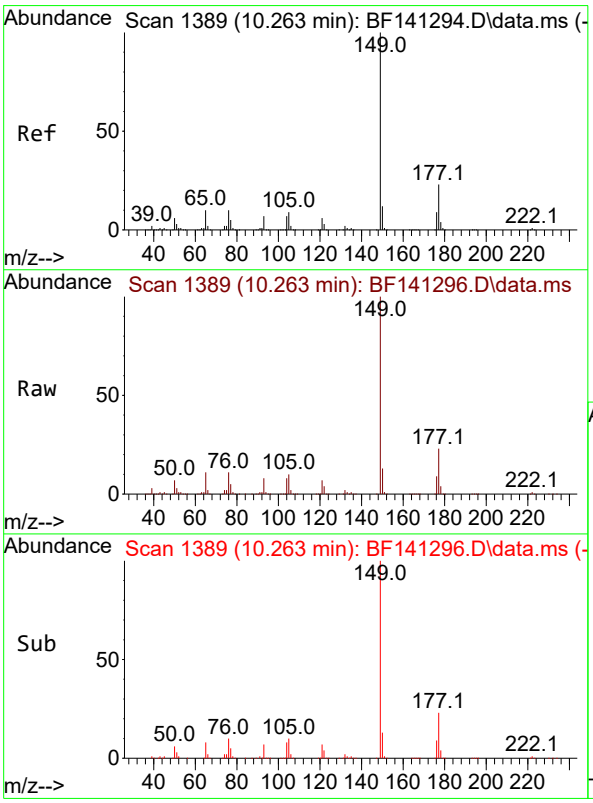
#59
2,3,4,6-Tetrachlorophenol
Concen: 60.959 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:232 Resp: 252964

Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.4	54.6
130	2.3	1.9	2.9
166	29.7	24.1	36.1

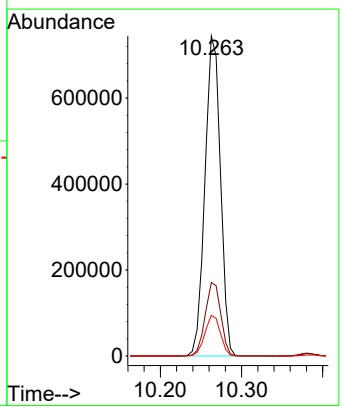


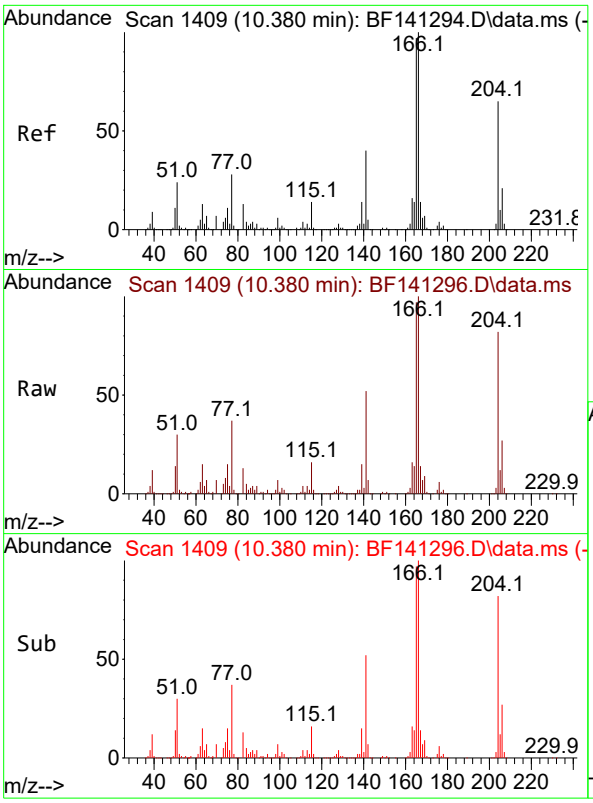


#60
Diethylphthalate
Concen: 57.719 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 983788

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.7	10.0	15.0



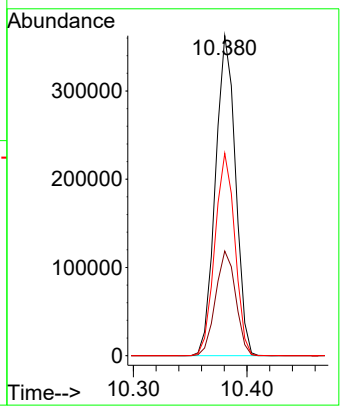


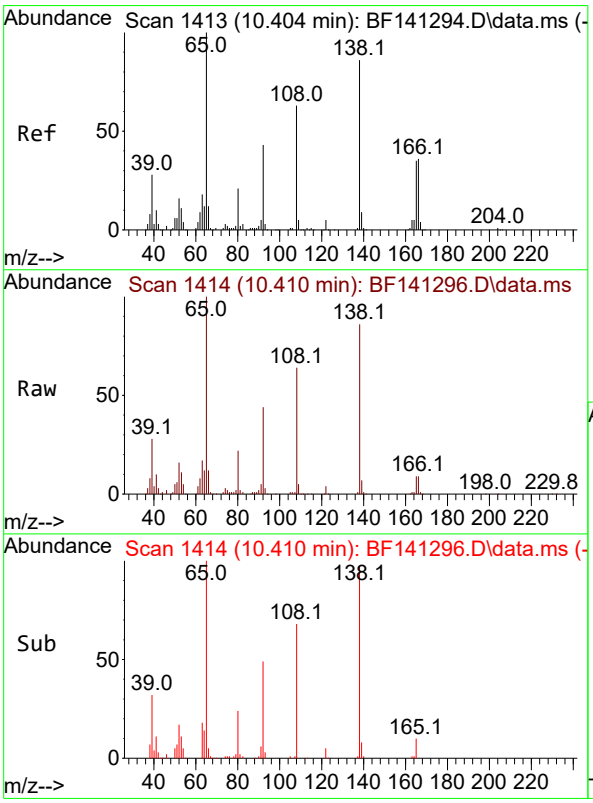
#61
4-Chlorophenyl-phenylether
Concen: 55.561 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:204 Resp: 445841

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.9	38.9
141	63.2	49.5	74.3

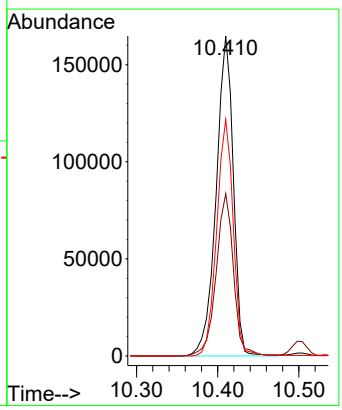


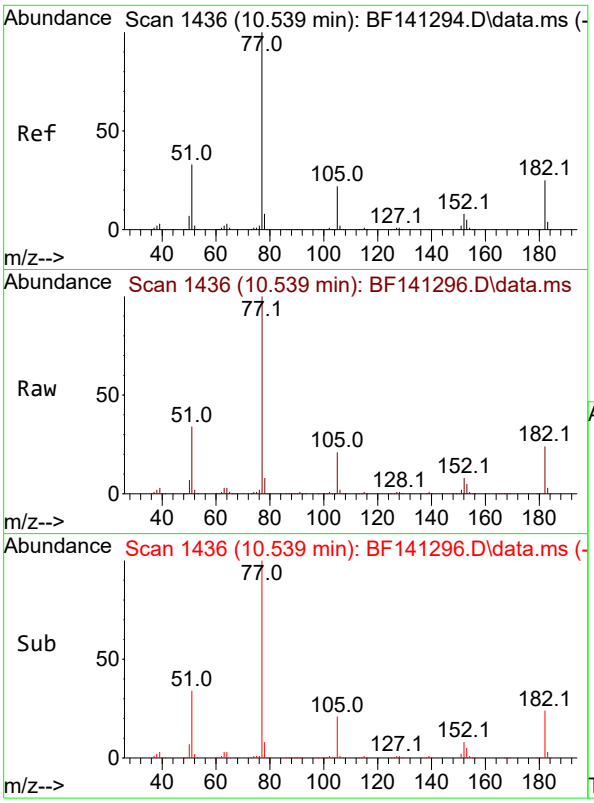


#62
4-Nitroaniline
Concen: 61.715 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:138 Resp: 242716

Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.1	70.1
108	73.8	53.1	93.1



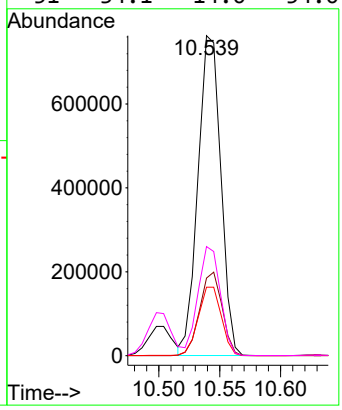


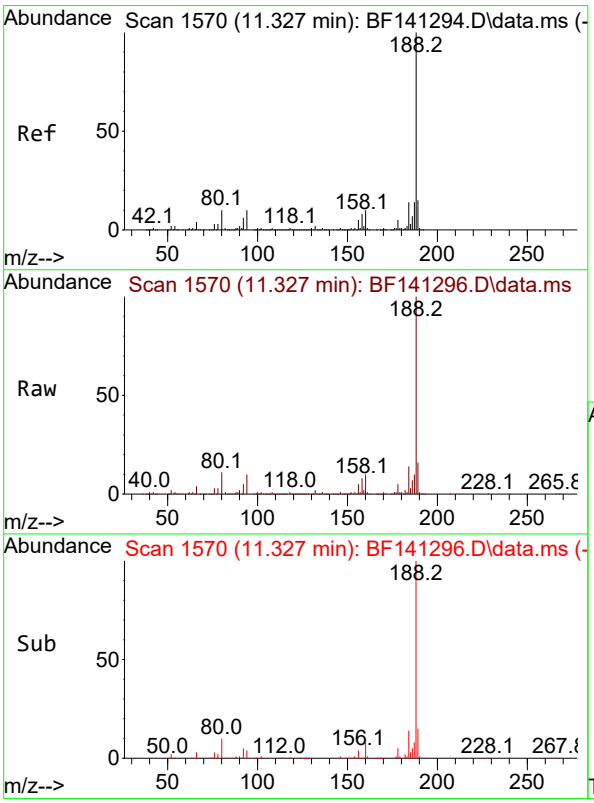
#63
Azobenzene
Concen: 58.414 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 77 Resp: 996608

Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.1	45.1
105	21.4	1.8	41.8
51	34.1	14.0	54.0

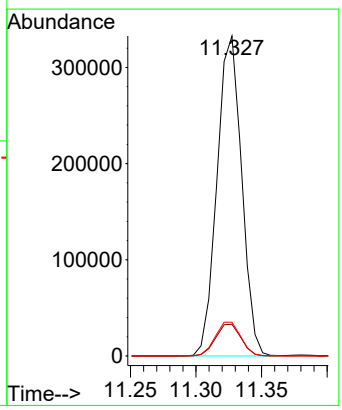


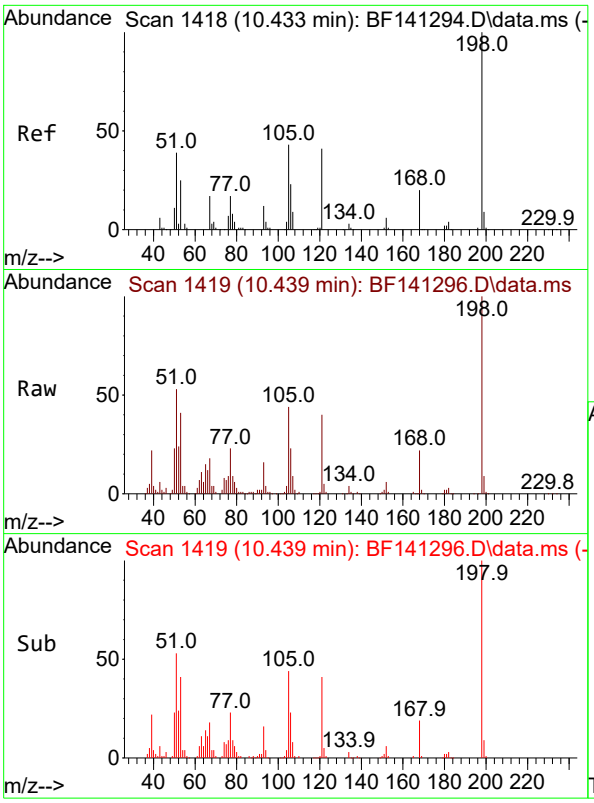


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:188 Resp: 434671

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.6	8.2	12.4



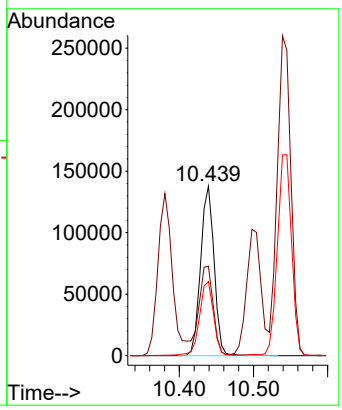


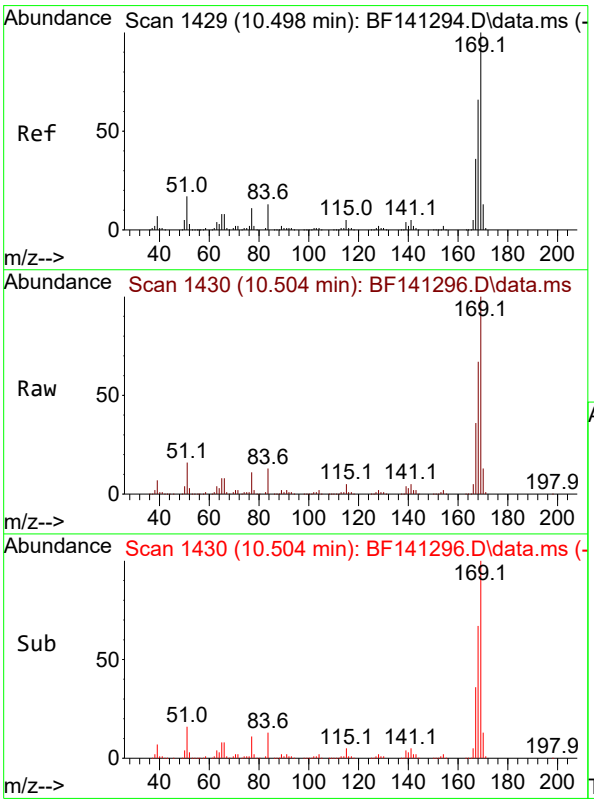
#65
4,6-Dinitro-2-methylphenol
Concen: 67.773 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 174248

Ion	Ratio	Lower	Upper
198	100		
51	52.8	33.4	73.4
105	43.7	24.4	64.4

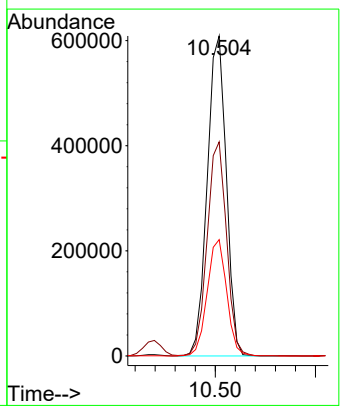


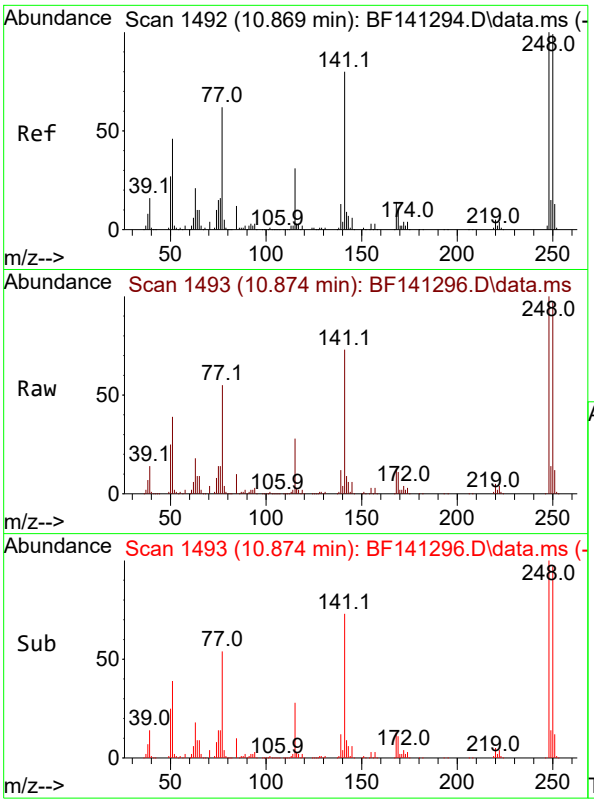


#66
n-Nitrosodiphenylamine
Concen: 56.914 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:169 Resp: 800147

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	36.3	28.8	43.2



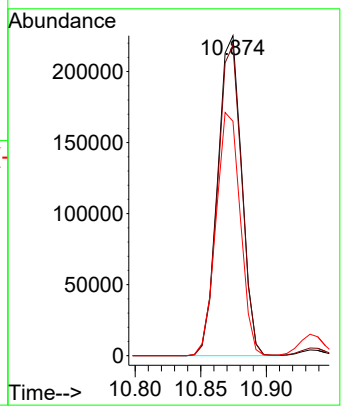


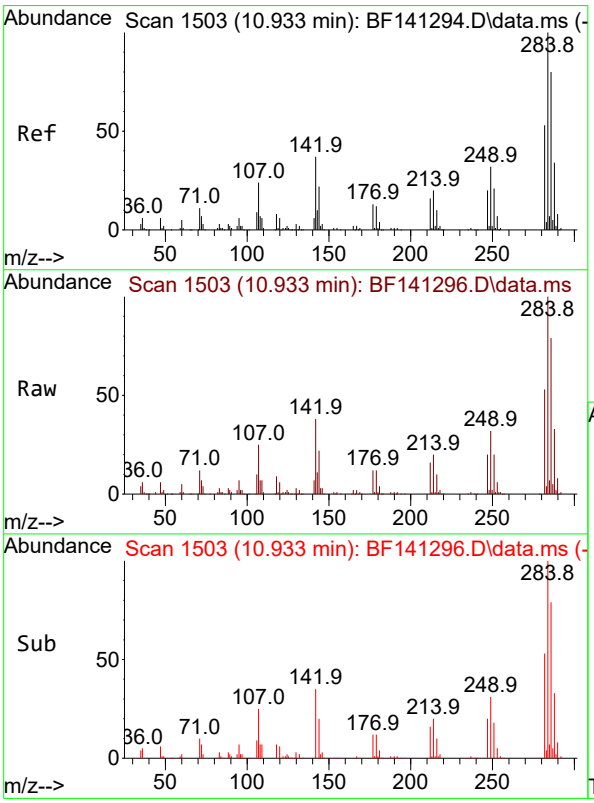
#67
4-Bromophenyl-phenylether
Concen: 58.905 ng
RT: 10.874 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:248 Resp: 286647

Ion	Ratio	Lower	Upper
248	100		
250	97.0	79.0	118.4
141	73.2	63.7	95.5

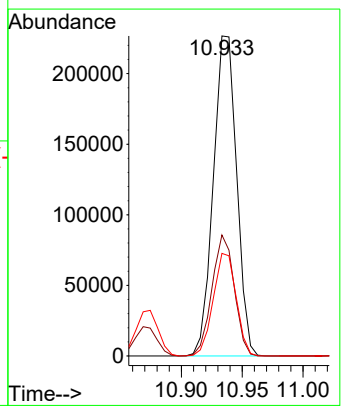


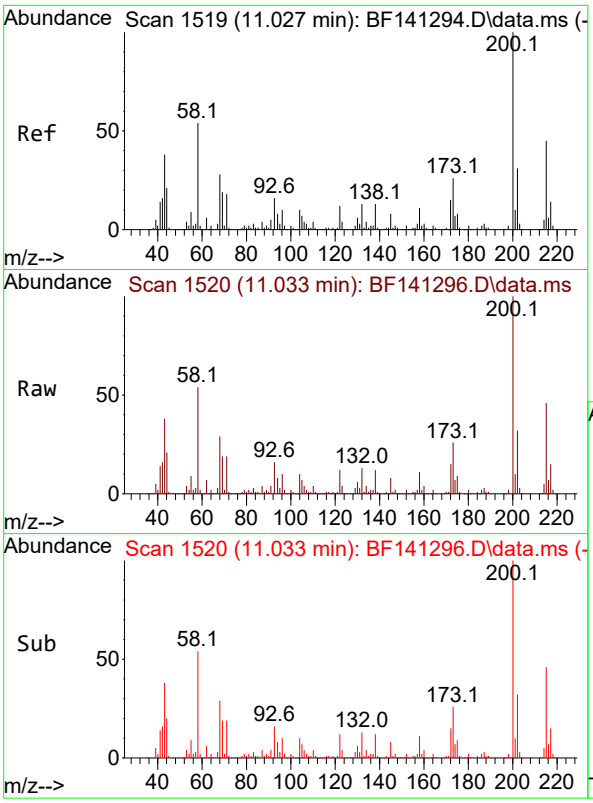


#68
Hexachlorobenzene
Concen: 58.604 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:284 Resp: 302508

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.5	44.3
249	32.0	25.4	38.2



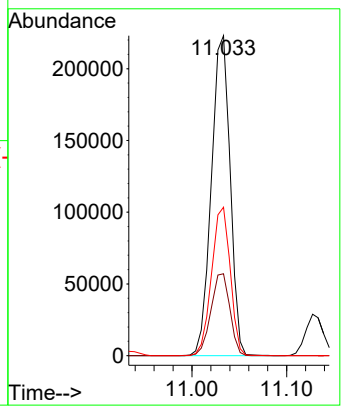


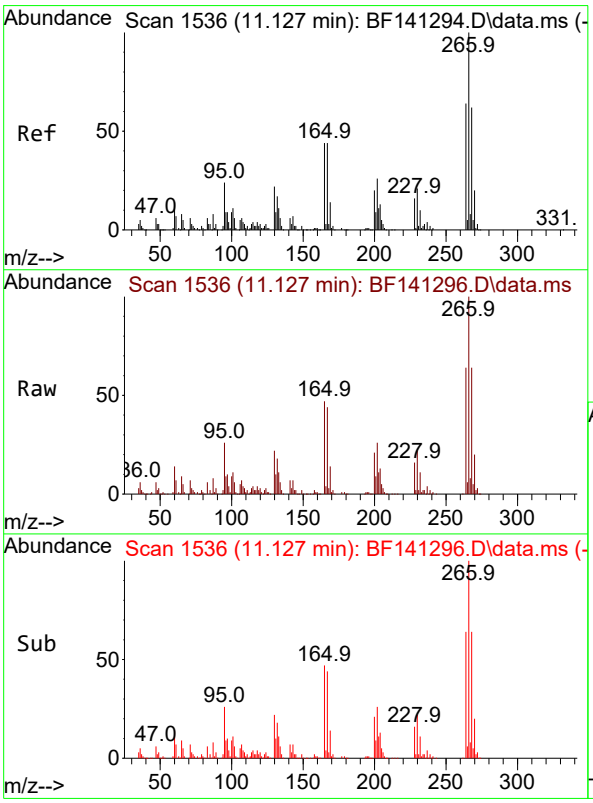
#69
Atrazine
Concen: 65.210 ng
RT: 11.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:200 Resp: 306524

Ion	Ratio	Lower	Upper
200	100		
173	25.6	5.9	45.9
215	46.4	25.2	65.2

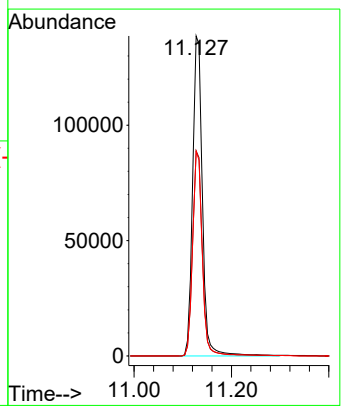


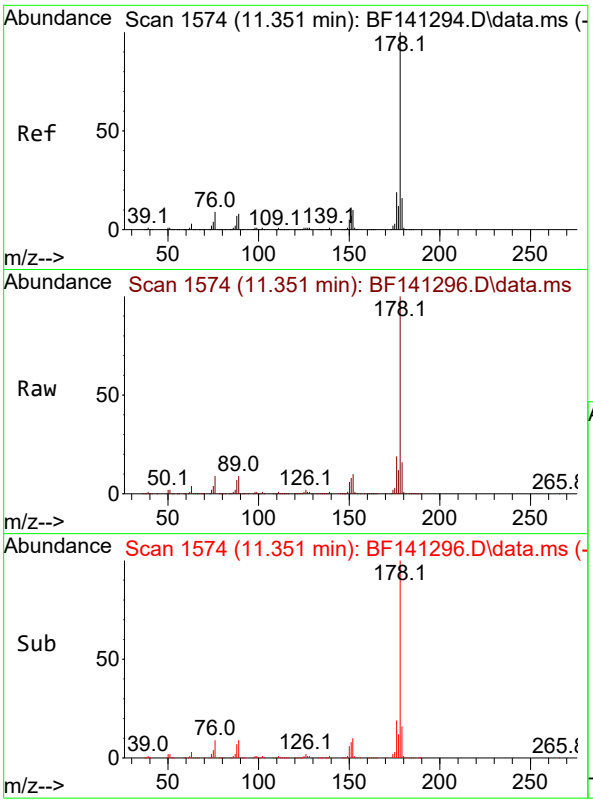


#70
Pentachlorophenol
Concen: 64.291 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:266 Resp: 194335

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.9	74.9
264	63.9	51.0	76.4



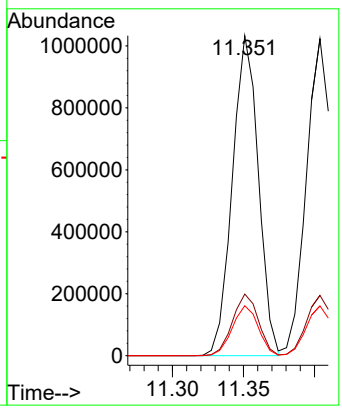


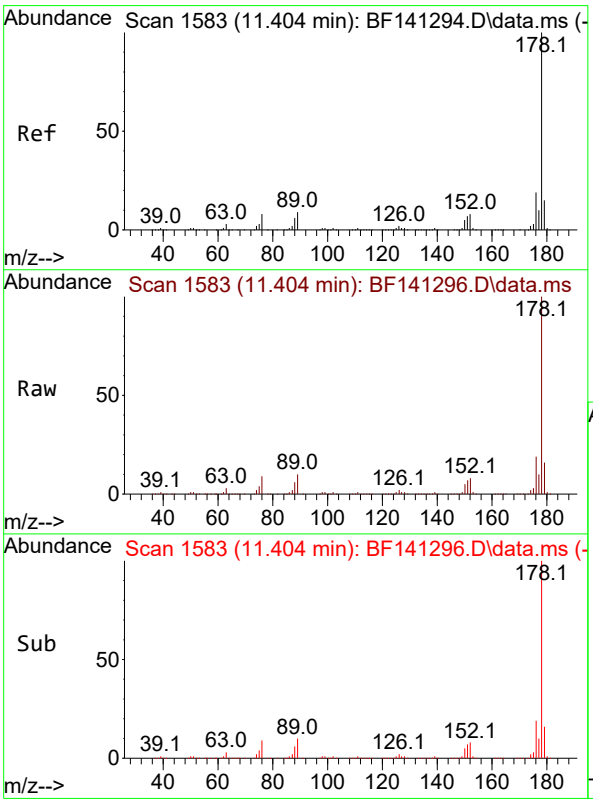
#71
Phenanthrene
Concen: 56.365 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 1316980

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.5	18.7

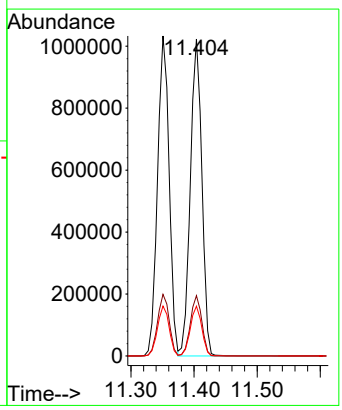


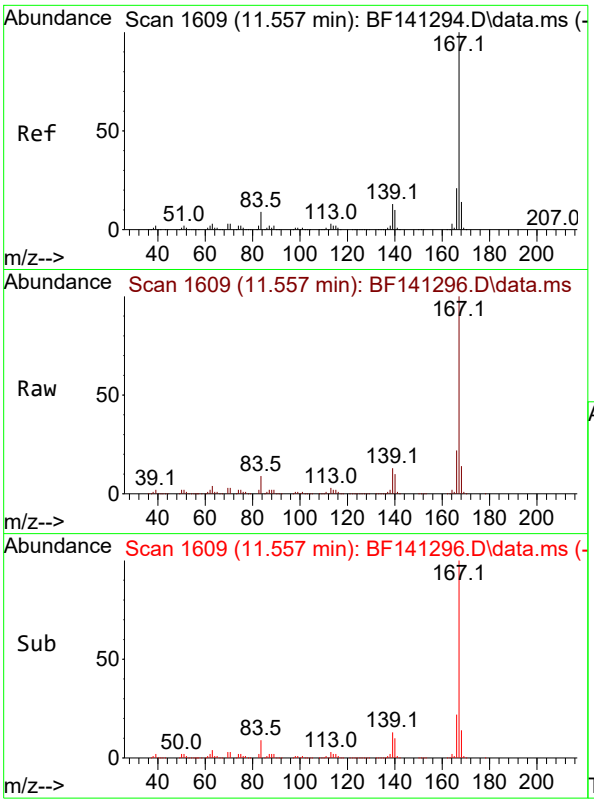


#72
Anthracene
Concen: 56.711 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:178 Resp: 1298334

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.7	12.3	18.5



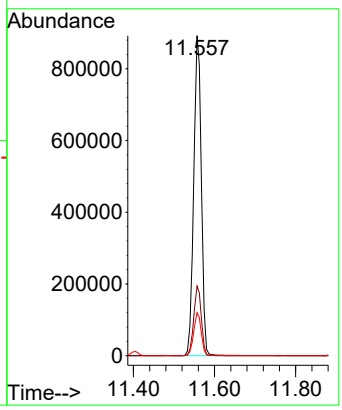


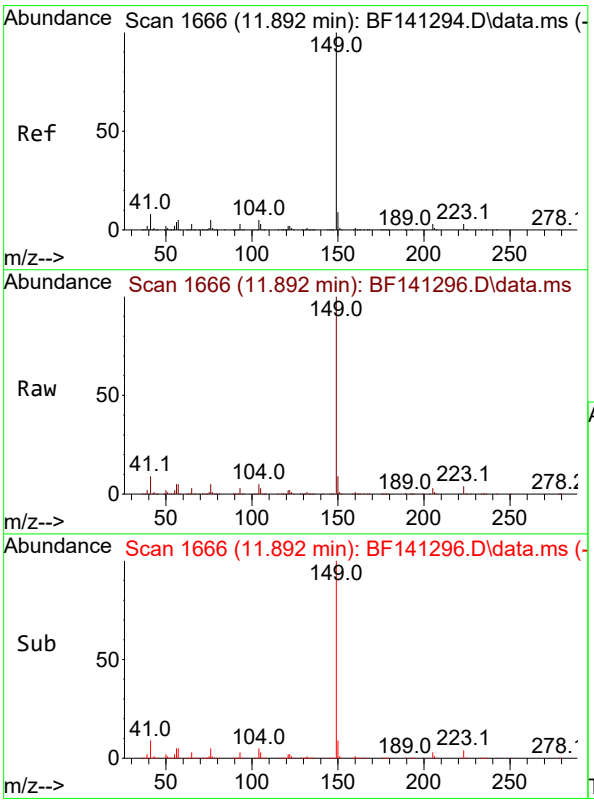
#73
Carbazole
Concen: 57.798 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:167 Resp: 1173330

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.4	10.6	16.0

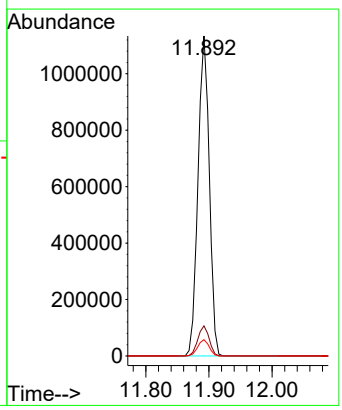


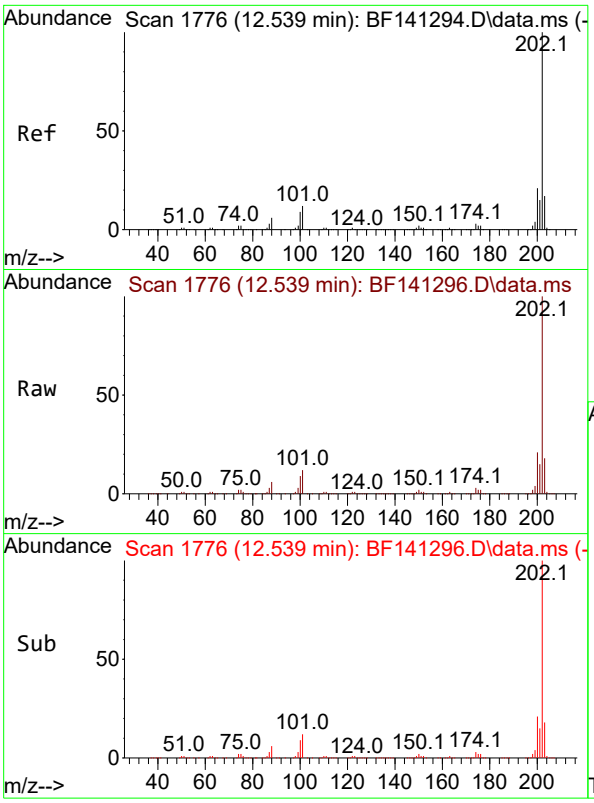


#74
Di-n-butylphthalate
Concen: 57.322 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 1410222

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	3.9	5.9



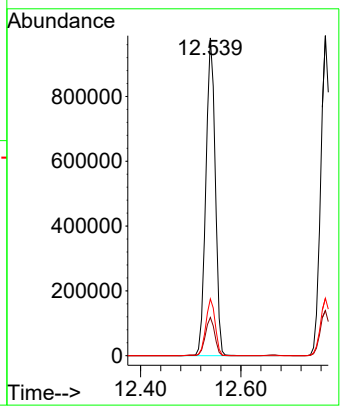


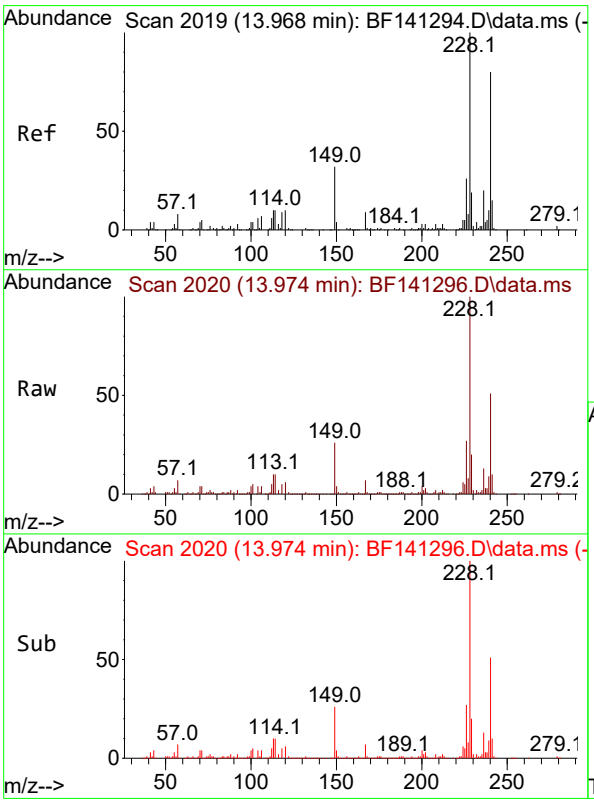
#75
Fluoranthene
Concen: 55.482 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:202 Resp: 1279995

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.9	0.0	37.5

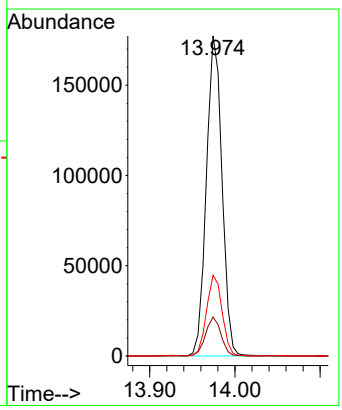


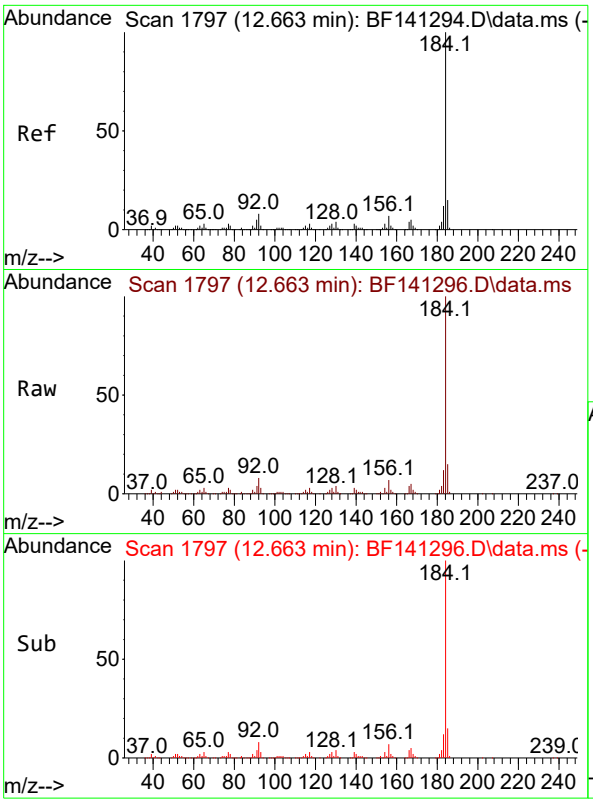


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:240 Resp: 225615

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.0	15.0
236	25.2	19.7	29.5



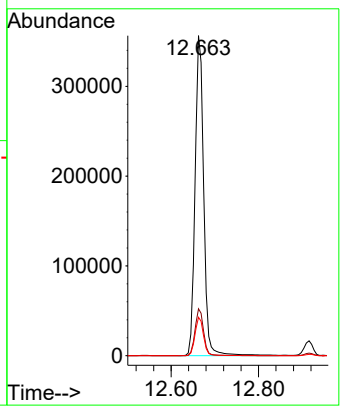


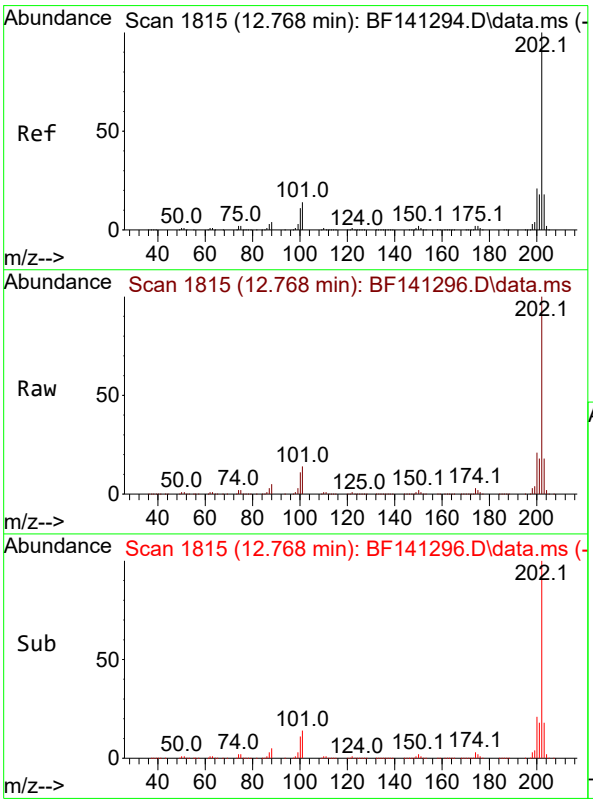
#77
Benzidine
Concen: 67.748 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:184 Resp: 490009

Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.9	17.9
183	12.0	9.5	14.3

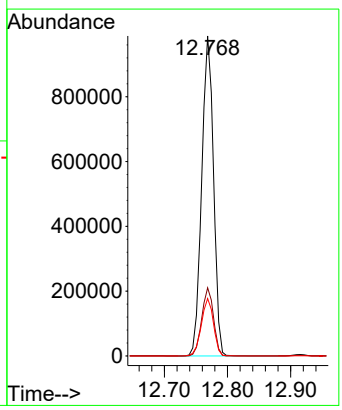


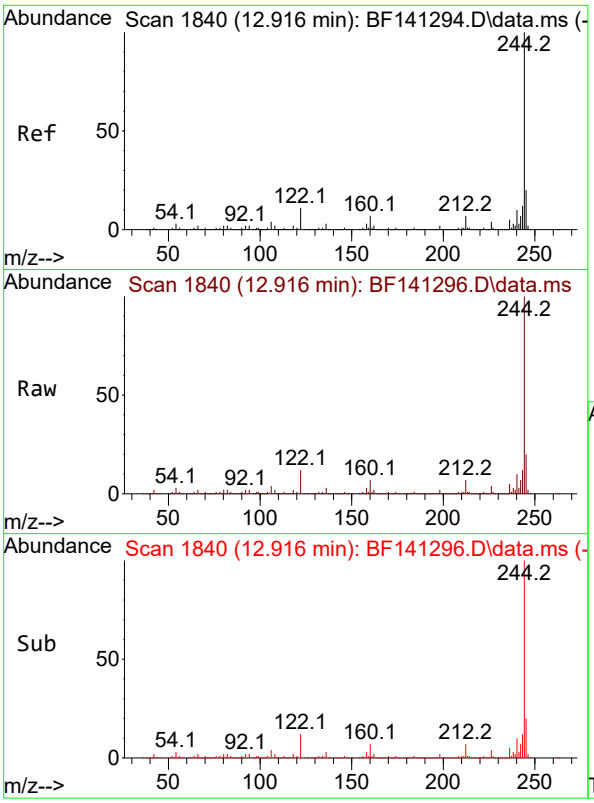


#78
Pyrene
Concen: 59.326 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:202 Resp: 1284820

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	18.0	14.3	21.5



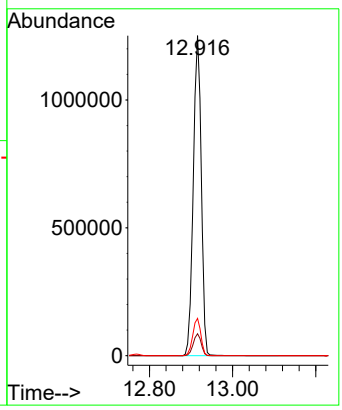


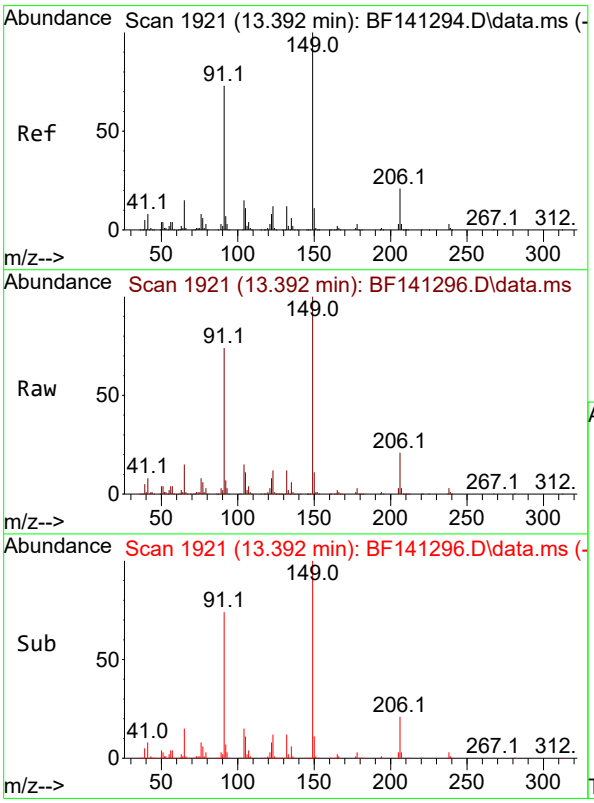
#79
Terphenyl-d14
Concen: 113.851 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:244 Resp: 1665591

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	8.8	13.2

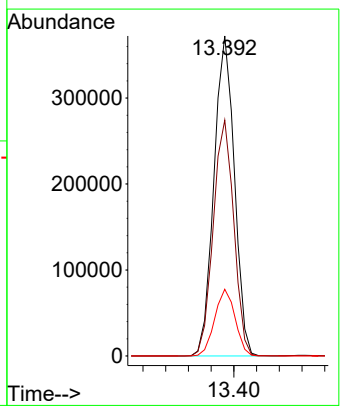


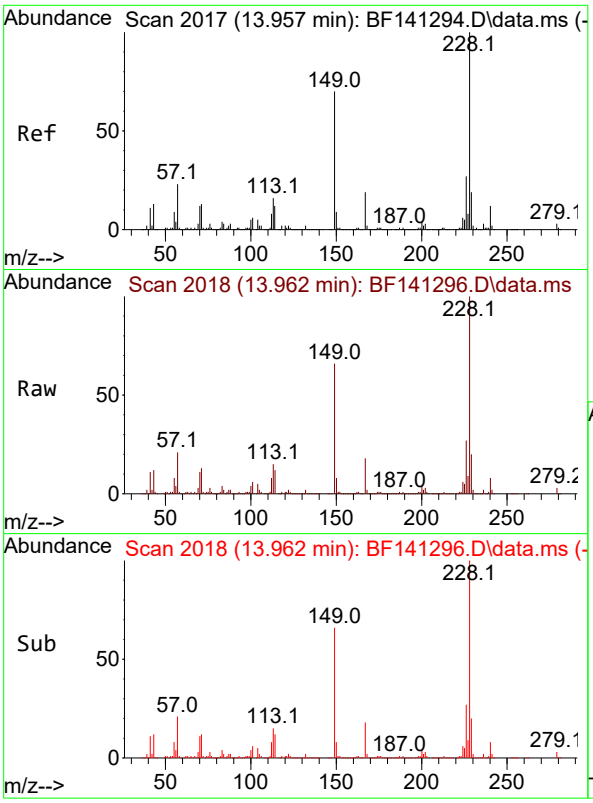


#80
Butylbenzylphthalate
Concen: 61.530 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 465533

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	20.8	16.7	25.1



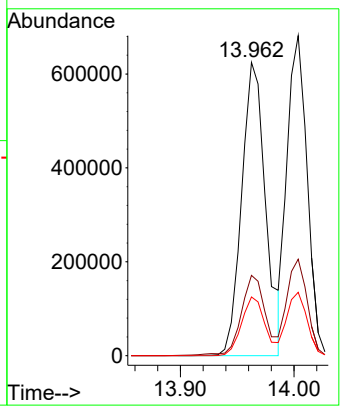


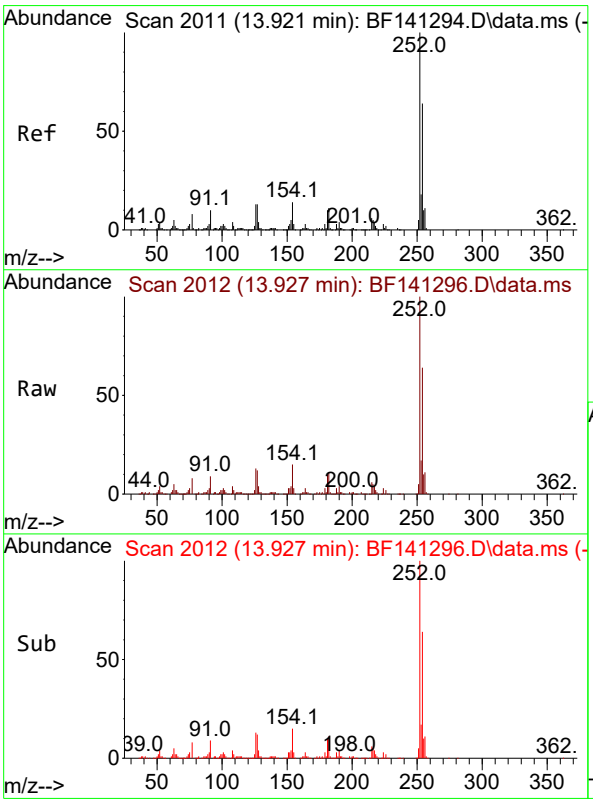
#81
Benzo(a)anthracene
Concen: 58.914 ng
RT: 13.962 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 917219

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	20.0	15.5	23.3

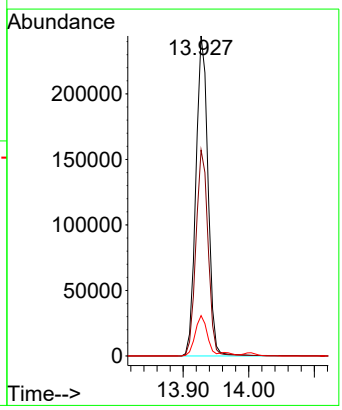


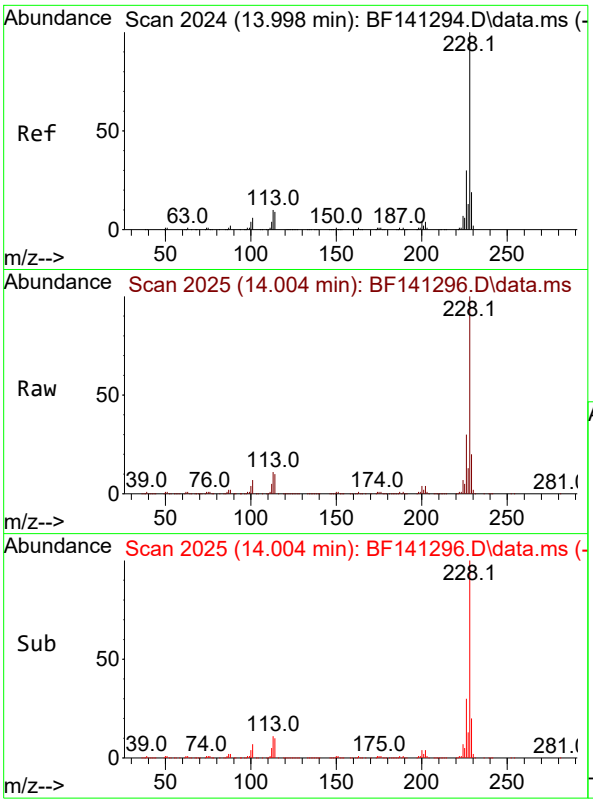


#82
3,3'-Dichlorobenzidine
Concen: 63.717 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 315503

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	12.6	10.0	15.0



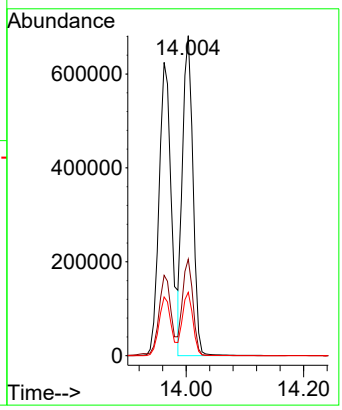


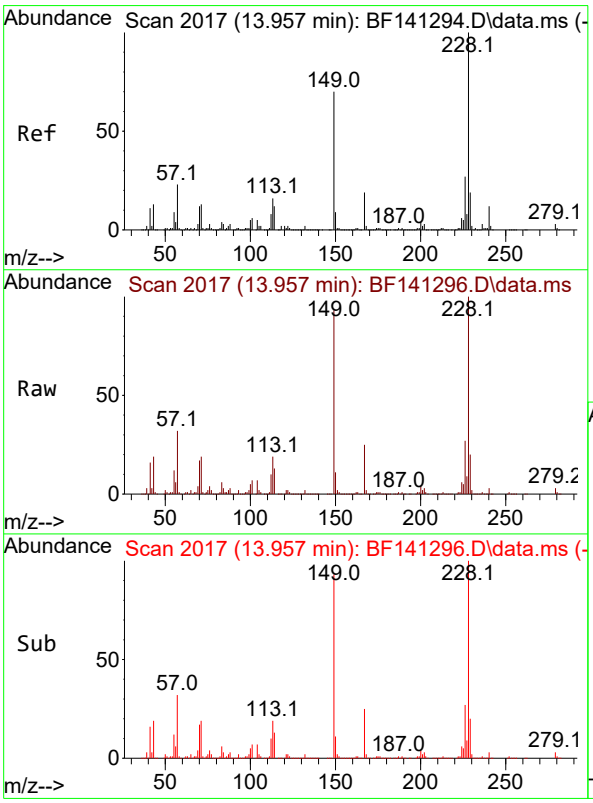
#83
Chrysene
Concen: 58.950 ng
RT: 14.004 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 841120

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	19.8	15.6	23.4

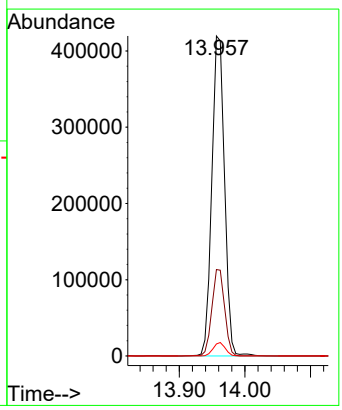


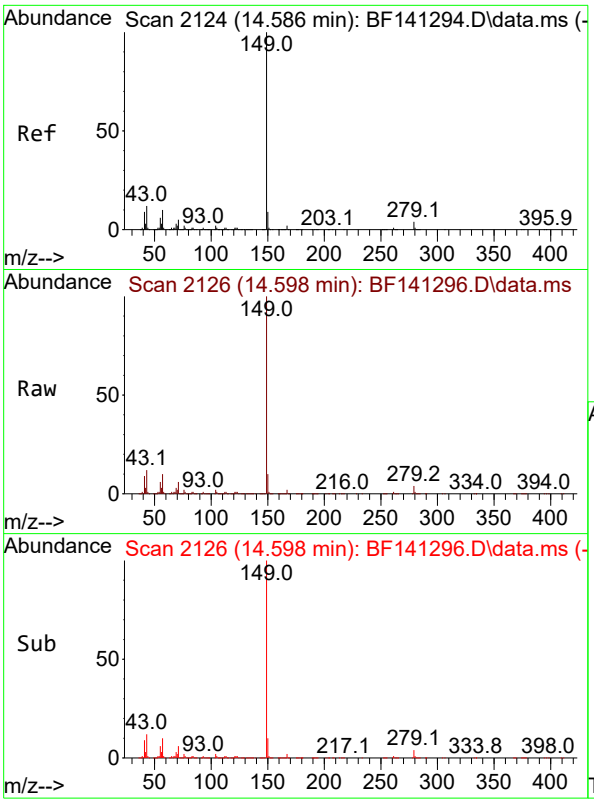


#84
Bis(2-ethylhexyl)phthalate
Concen: 58.830 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:149 Resp: 564642

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.8	32.8
279	3.8	3.3	4.9



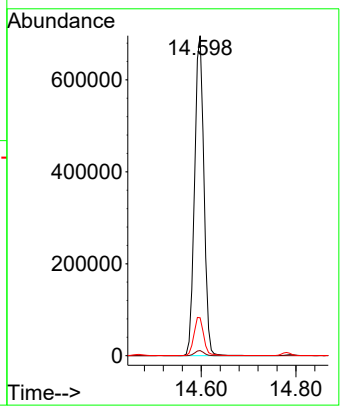


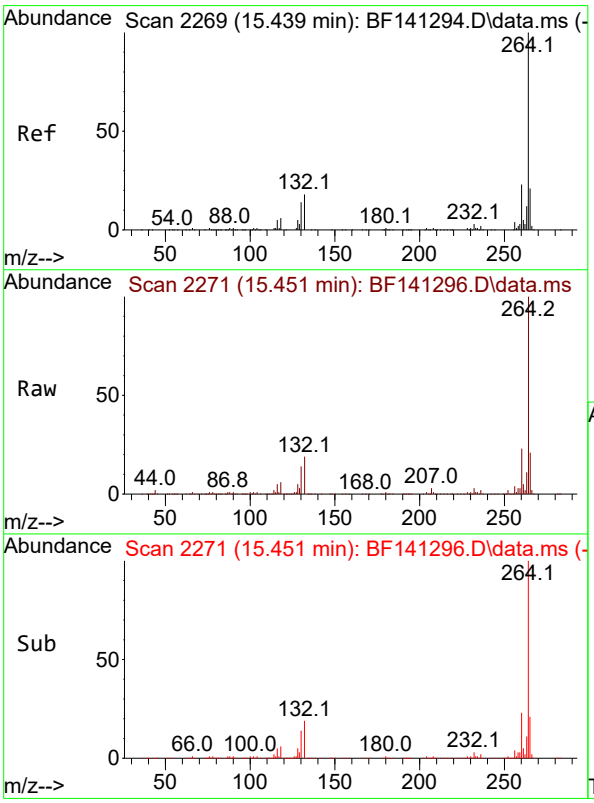
#85
Di-n-octyl phthalate
Concen: 63.827 ng
RT: 14.598 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:149 Resp: 951473

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	9.8	14.8

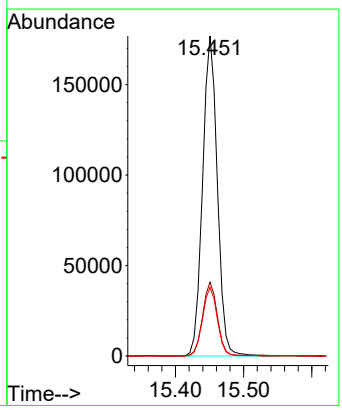


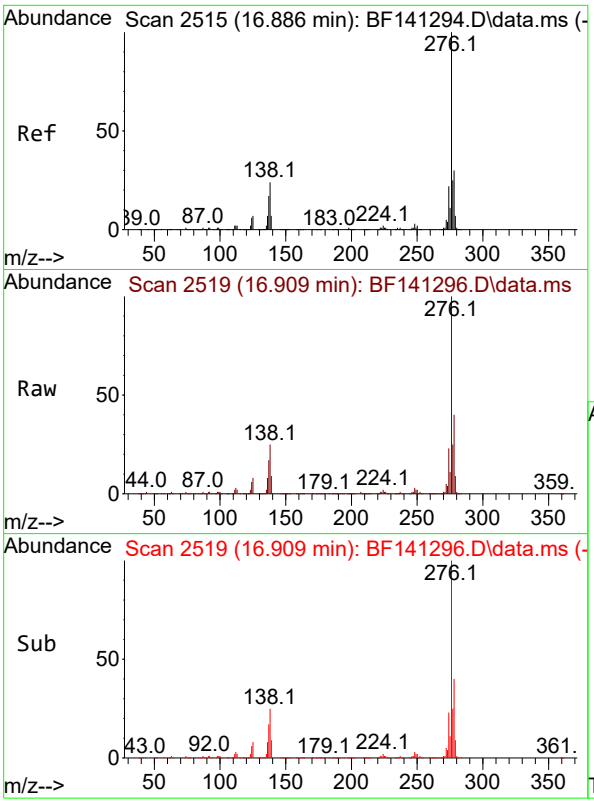


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:264 Resp: 265921

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.5	16.7	25.1



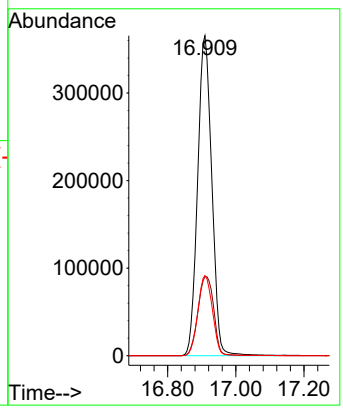


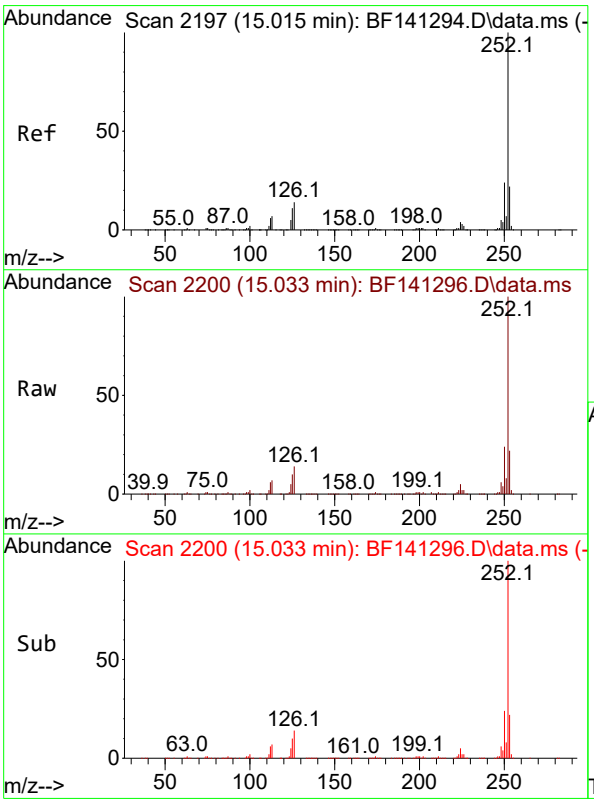
#87
Indeno(1,2,3-cd)pyrene
Concen: 61.468 ng
RT: 16.909 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:276 Resp: 1054987

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.8	20.3	30.5

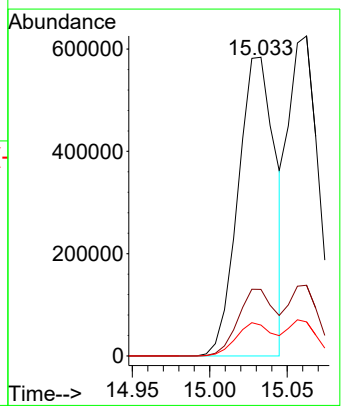


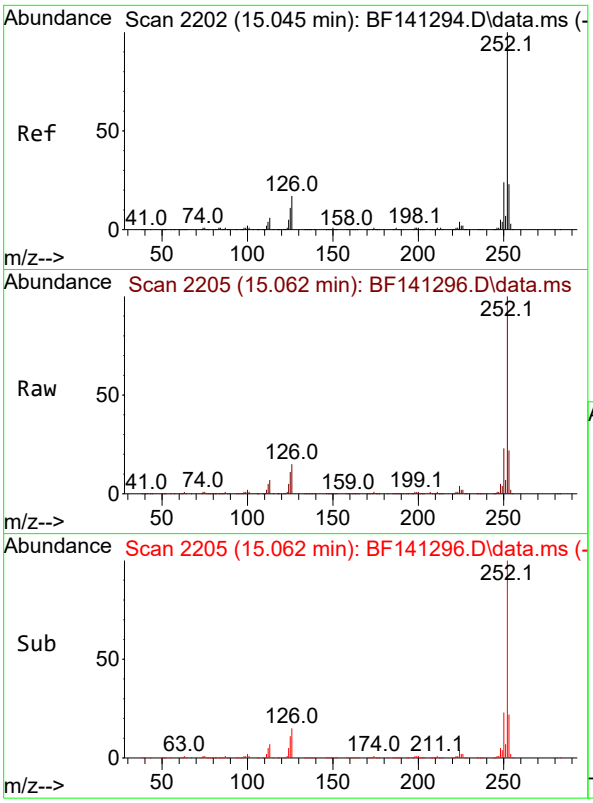


#88
Benzo(b)fluoranthene
Concen: 58.075 ng
RT: 15.033 min Scan# 2200
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 971433

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	10.3	8.6	12.8



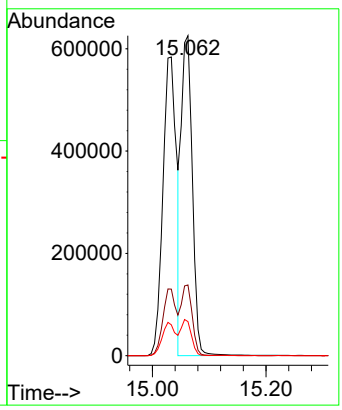


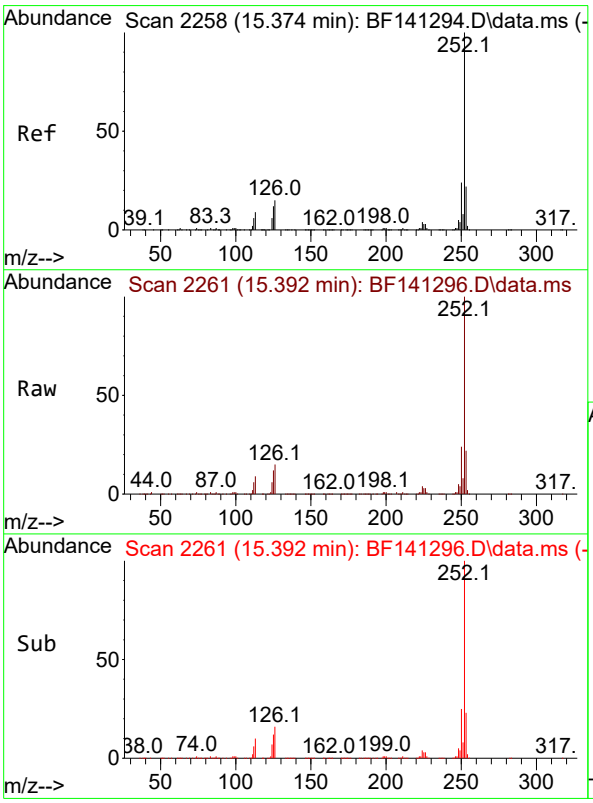
#89
Benzo(k)fluoranthene
Concen: 57.081 ng
RT: 15.062 min Scan# 2
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:252 Resp: 845842

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.4	12.6

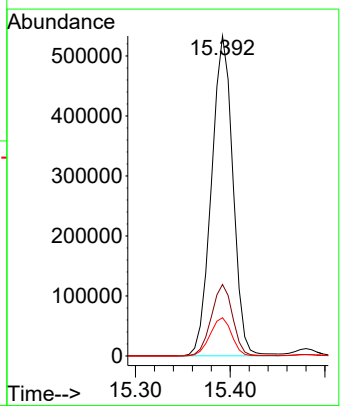


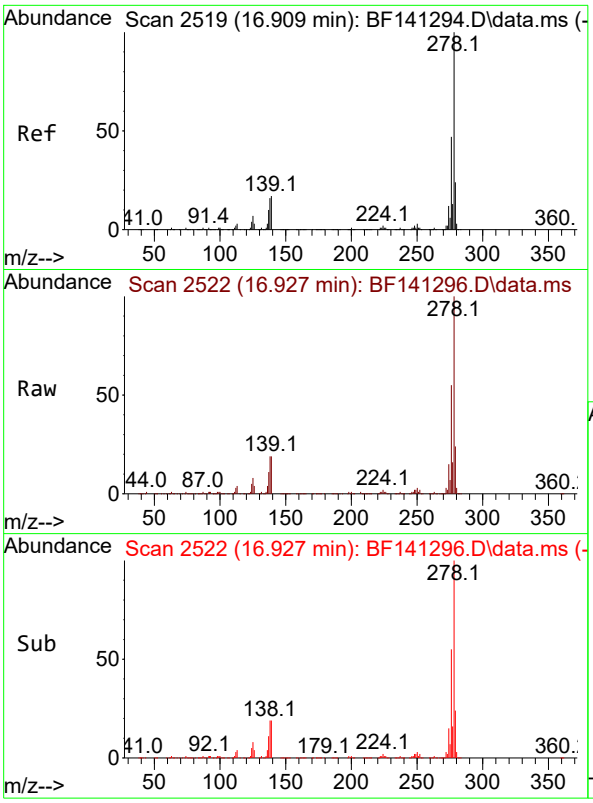


#90
Benzo(a)pyrene
Concen: 59.305 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:252 Resp: 838283

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.0	9.4	14.2



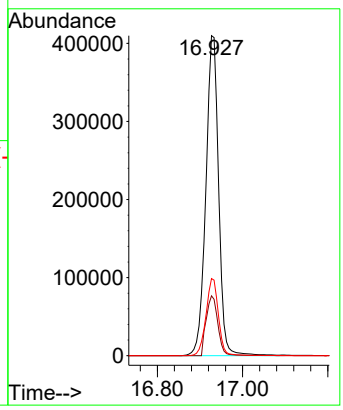


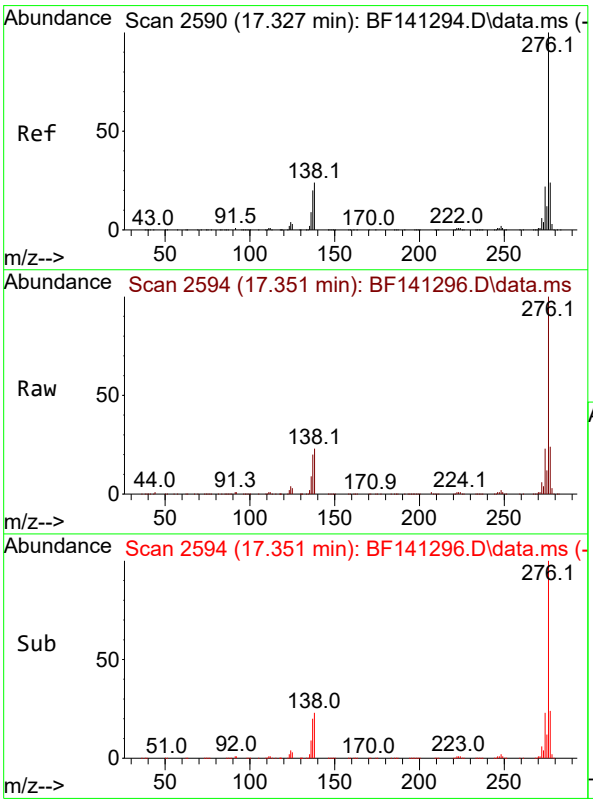
#91
Dibenzo(a,h)anthracene
Concen: 61.862 ng
RT: 16.927 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 854214

Ion	Ratio	Lower	Upper
278	100		
139	18.7	13.9	20.9
279	24.1	18.8	28.2

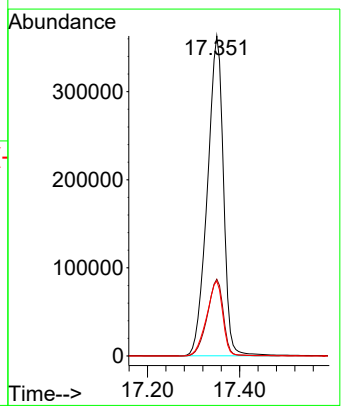




#92
Benzo(g,h,i)perylene
Concen: 61.416 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BF141296.D
Acq: 29 Jan 2025 16:38

Tgt Ion:276 Resp: 881804

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	23.4	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	133318	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	525644	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	279764	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	450291	20.000	ng	0.00
76) Chrysene-d12	13.969	240	257177	20.000	ng	0.00
86) Perylene-d12	15.421	264	279455	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	650985	74.963	ng	0.00
7) Phenol-d6	6.428	99	824574	74.641	ng	-0.01
23) Nitrobenzene-d5	7.363	82	754118	75.630	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	192773	75.161	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1325725	72.938	ng	0.00
79) Terphenyl-d14	12.910	244	1208358	72.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	142440	37.296	ng	100
3) Pyridine	3.216	79	353478	38.413	ng	100
4) n-Nitrosodimethylamine	3.169	42	199637	37.977	ng	100
6) Aniline	6.463	93	368792	39.437	ng	99
8) 2-Chlorophenol	6.581	128	349085	37.505	ng	99
9) Benzaldehyde	6.346	77	236537	36.965	ng	100
10) Phenol	6.440	94	443695	37.888	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	335702	37.387	ng	100
12) 1,3-Dichlorobenzene	6.740	146	382682	37.288	ng	99
13) 1,4-Dichlorobenzene	6.816	146	390597	37.885	ng	99
14) 1,2-Dichlorobenzene	6.969	146	359529	37.241	ng	100
15) Benzyl Alcohol	6.940	79	286519	37.952	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	587637	37.636	ng	100
17) 2-Methylphenol	7.051	107	276450	36.544	ng	99
18) Hexachloroethane	7.310	117	144890	38.094	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	241878	36.848	ng	100
20) 3+4-Methylphenols	7.204	107	347046	37.364	ng	99
22) Acetophenone	7.210	105	458757	36.717	ng	100
24) Nitrobenzene	7.381	77	391907	37.927	ng	99
25) Isophorone	7.622	82	645309	37.439	ng	100
26) 2-Nitrophenol	7.698	139	186592	38.289	ng	99
27) 2,4-Dimethylphenol	7.734	122	222665	35.897	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	411851	37.460	ng	99
29) 2,4-Dichlorophenol	7.940	162	286090	37.675	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	316431	36.488	ng	100
31) Naphthalene	8.104	128	1030995	37.128	ng	100
32) Benzoic acid	7.845	122	236833	41.534	ng	99
33) 4-Chloroaniline	8.151	127	350423	37.214	ng	99
34) Hexachlorobutadiene	8.222	225	186523	36.676	ng	99
35) Caprolactam	8.522	113	93403	37.662	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	305288	37.480	ng	99
37) 2-Methylnaphthalene	8.792	142	651222	36.898	ng	99
38) 1-Methylnaphthalene	8.892	142	651341	37.570	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	296277	37.226	ng	99
41) Hexachlorocyclopentadiene	8.945	237	93930	39.961	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	201214	38.625	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	209611	36.969	ng		100
46) 1,1'-Biphenyl	9.257	154	809694	37.111	ng		100
47) 2-Chloronaphthalene	9.281	162	626457	36.837	ng		100
48) 2-Nitroaniline	9.381	65	203104	37.970	ng		98
49) Acenaphthylene	9.698	152	890709	37.416	ng		100
50) Dimethylphthalate	9.563	163	697300	36.904	ng		100
51) 2,6-Dinitrotoluene	9.622	165	164343	37.459	ng		99
52) Acenaphthene	9.869	154	632756	37.206	ng		99
53) 3-Nitroaniline	9.792	138	164042	38.150	ng		98
54) 2,4-Dinitrophenol	9.892	184	81034	39.734	ng	#	85
55) Dibenzofuran	10.045	168	842555	37.012	ng		100
56) 4-Nitrophenol	9.945	139	122925	39.089	ng		99
57) 2,4-Dinitrotoluene	10.022	165	217705	38.327	ng		99
58) Fluorene	10.386	166	643639	36.451	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	169067	37.902	ng		99
60) Diethylphthalate	10.263	149	683674	37.316	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	312065	36.180	ng		99
62) 4-Nitroaniline	10.404	138	159227	37.665	ng		99
63) Azobenzene	10.539	77	678905	37.020	ng		100
65) 4,6-Dinitro-2-methylph...	10.433	198	111635	41.913	ng		99
66) n-Nitrosodiphenylamine	10.498	169	564452	38.757	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	199009	39.477	ng		98
68) Hexachlorobenzene	10.933	284	208171	38.929	ng		99
69) Atrazine	11.028	200	190958	39.215	ng		99
70) Pentachlorophenol	11.128	266	128300	40.973	ng		99
71) Phenanthrene	11.351	178	922625	38.117	ng		100
72) Anthracene	11.398	178	912703	38.484	ng		100
73) Carbazole	11.557	167	813036	38.661	ng		100
74) Di-n-butylphthalate	11.892	149	984759	38.639	ng		100
75) Fluoranthene	12.539	202	902637	37.768	ng		100
77) Benzidine	12.663	184	405163	49.142	ng		99
78) Pyrene	12.769	202	894269	36.225	ng		99
80) Butylbenzylphthalate	13.392	149	324793	37.660	ng		99
81) Benzo(a)anthracene	13.957	228	631556	35.587	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	218850	38.774	ng		99
83) Chrysene	13.992	228	610038	37.508	ng		100
84) Bis(2-ethylhexyl)phtha...	13.951	149	400642	36.620	ng		100
85) Di-n-octyl phthalate	14.569	149	642439	37.807	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	678653	37.626	ng		99
88) Benzo(b)fluoranthene	14.998	252	683111	38.861	ng		100
89) Benzo(k)fluoranthene	15.027	252	556960	35.766	ng		99
90) Benzo(a)pyrene	15.363	252	567574	38.209	ng		99
91) Dibenzo(a,h)anthracene	16.886	278	551534	38.007	ng		99
92) Benzo(g,h,i)perylene	17.304	276	559807	37.101	ng		99

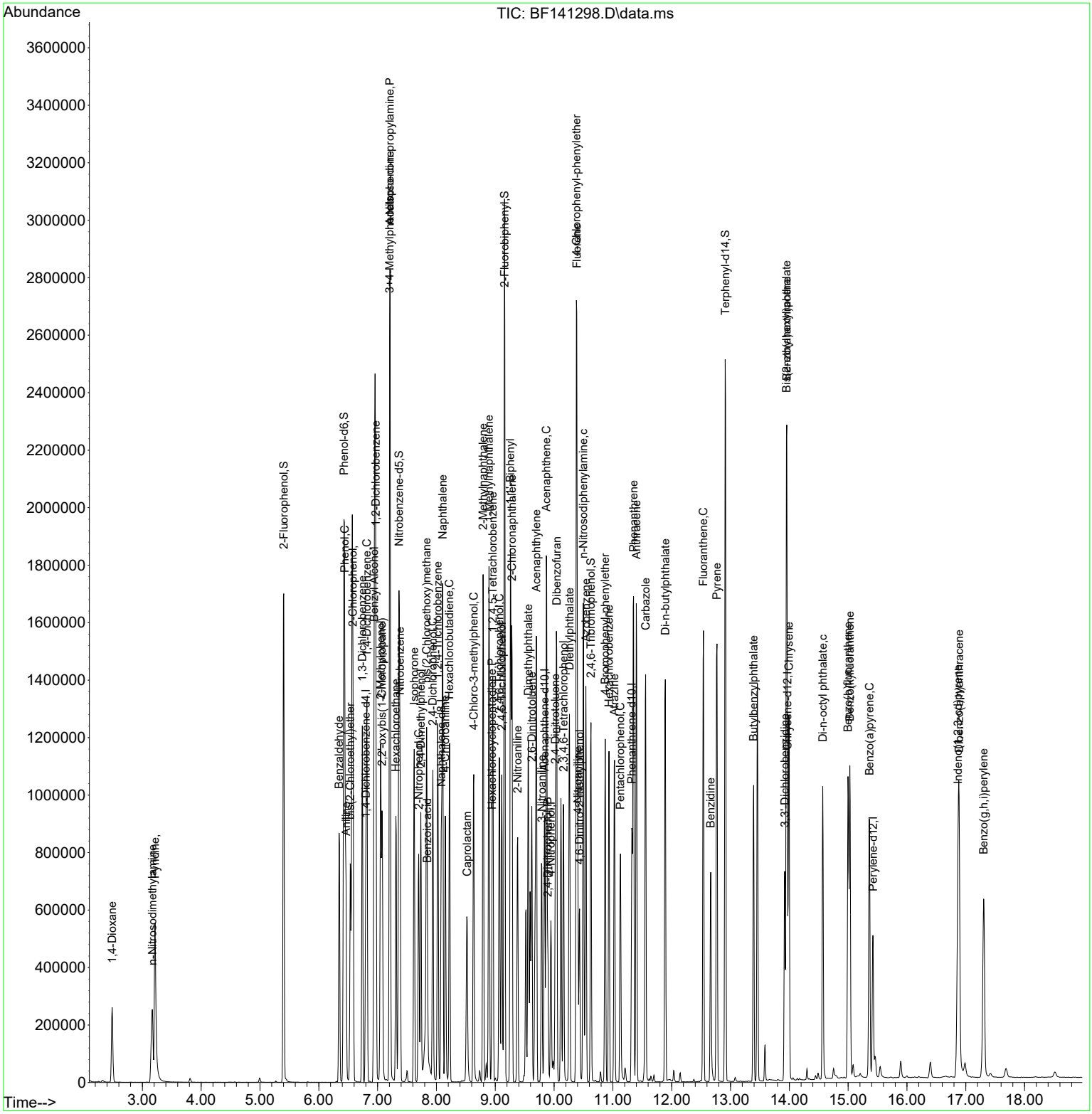
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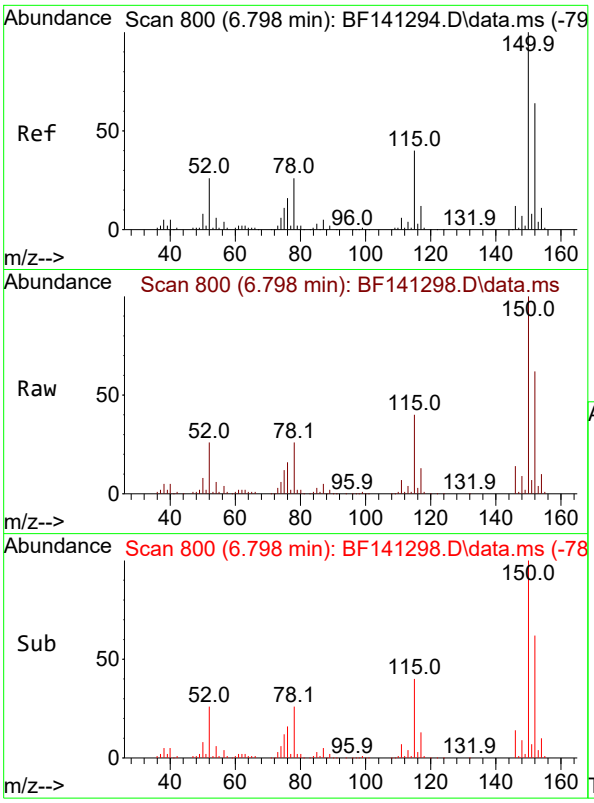
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
Data File : BF141298.D
Acq On : 29 Jan 2025 17:31
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Quant Time: Jan 30 03:16:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



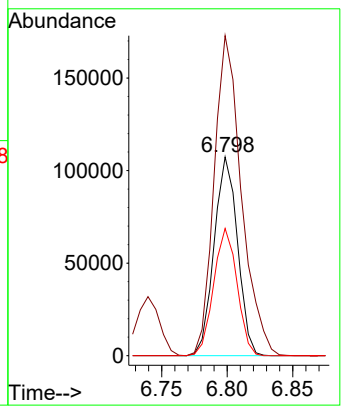


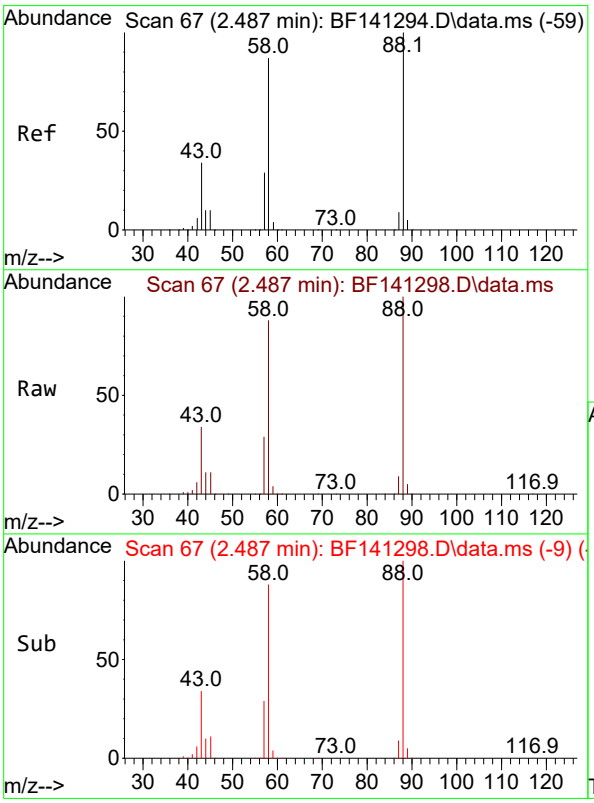
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:152 Resp: 133318

Ion	Ratio	Lower	Upper
152	100		
150	161.0	125.9	188.9
115	64.0	49.7	74.5

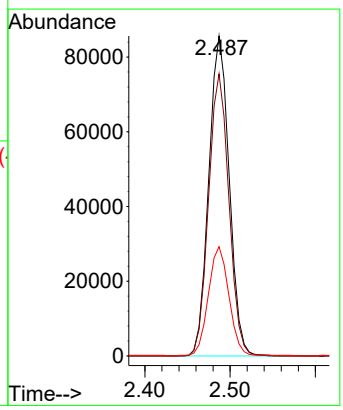


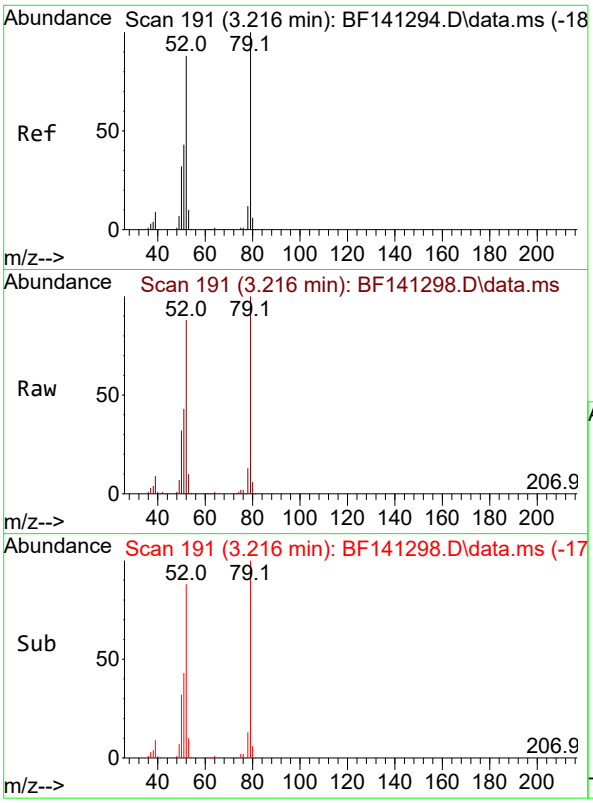


#2
1,4-Dioxane
Concen: 37.296 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 88 Resp: 142440

Ion	Ratio	Lower	Upper
88	100		
58	87.8	70.2	105.4
43	34.7	27.6	41.4



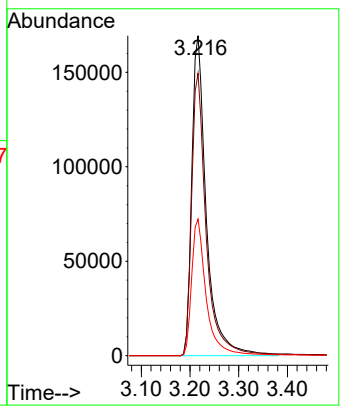


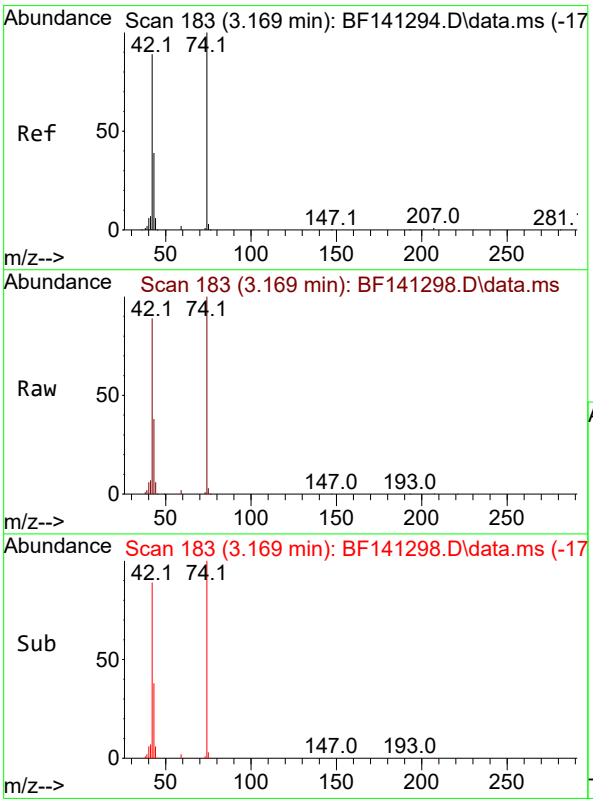
#3
Pyridine
Concen: 38.413 ng
RT: 3.216 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 79 Resp: 353478

Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.3	105.5
51	42.7	34.3	51.5

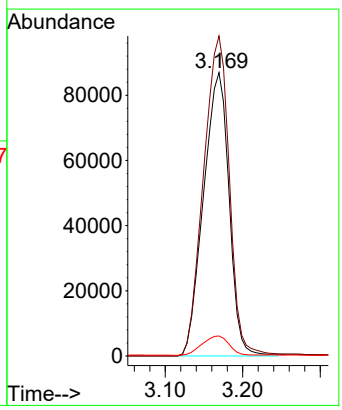


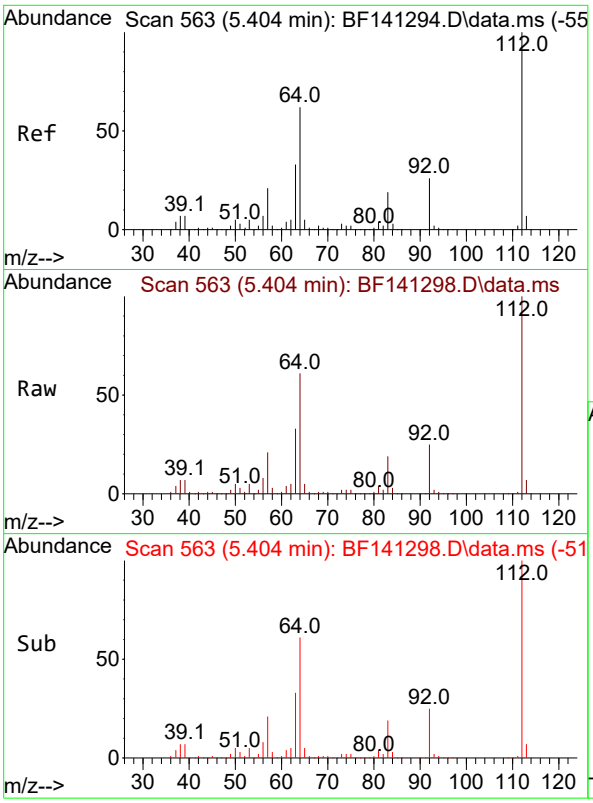


#4
n-Nitrosodimethylamine
Concen: 37.977 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.029 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 42 Resp: 199637

Ion	Ratio	Lower	Upper
42	100		
74	112.9	90.3	135.5
44	7.1	5.7	8.5



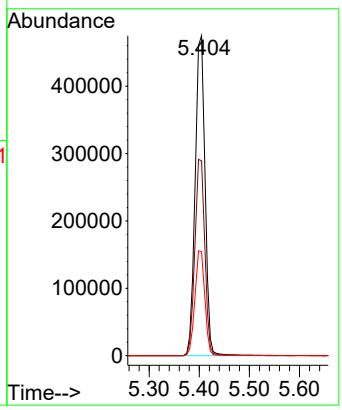


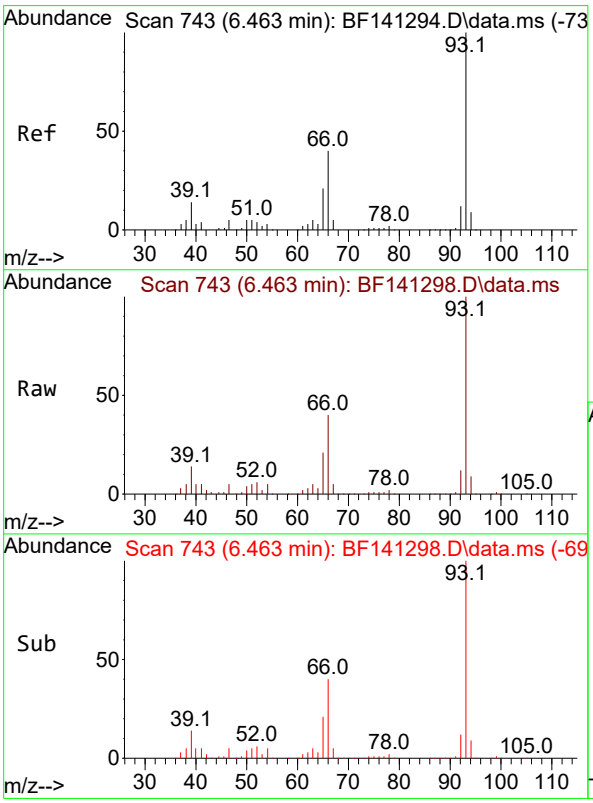
#5
2-Fluorophenol
Concen: 74.963 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:112 Resp: 650985

Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.8	74.8
63	32.6	26.1	39.1

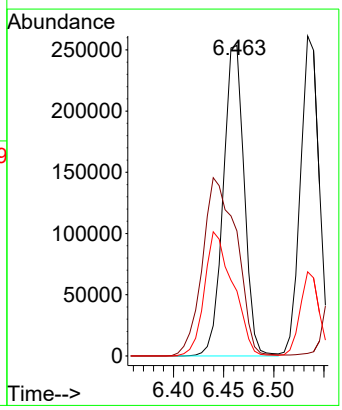


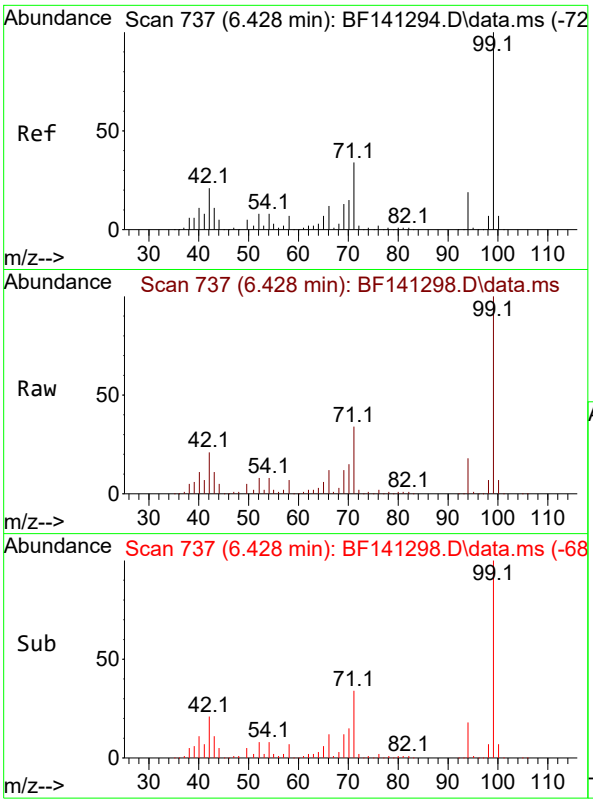


#6
Aniline
Concen: 39.437 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 368792

Ion	Ratio	Lower	Upper
93	100		
66	40.3	32.5	48.7
65	20.9	17.0	25.6



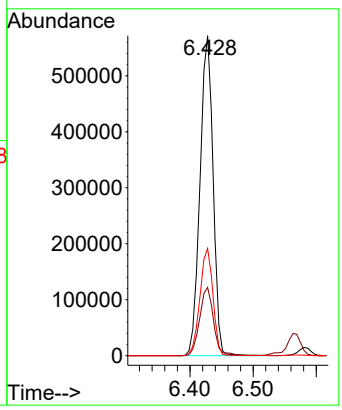


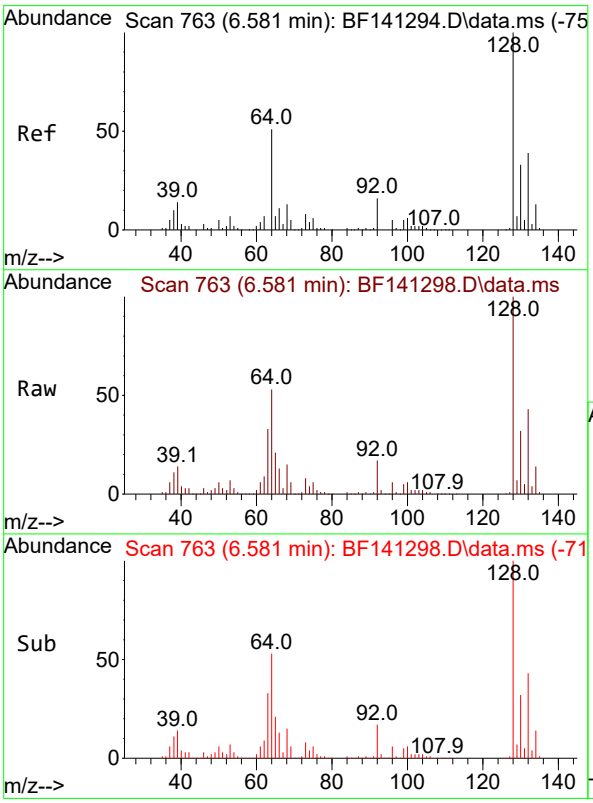
#7
Phenol-d6
Concen: 74.641 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 99 Resp: 824574

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	33.5	26.9	40.3

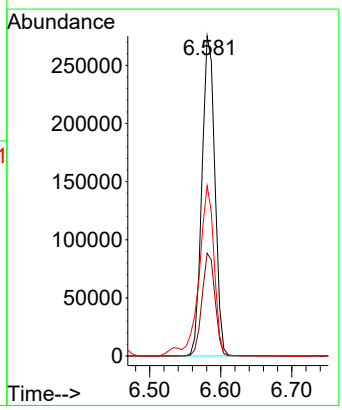


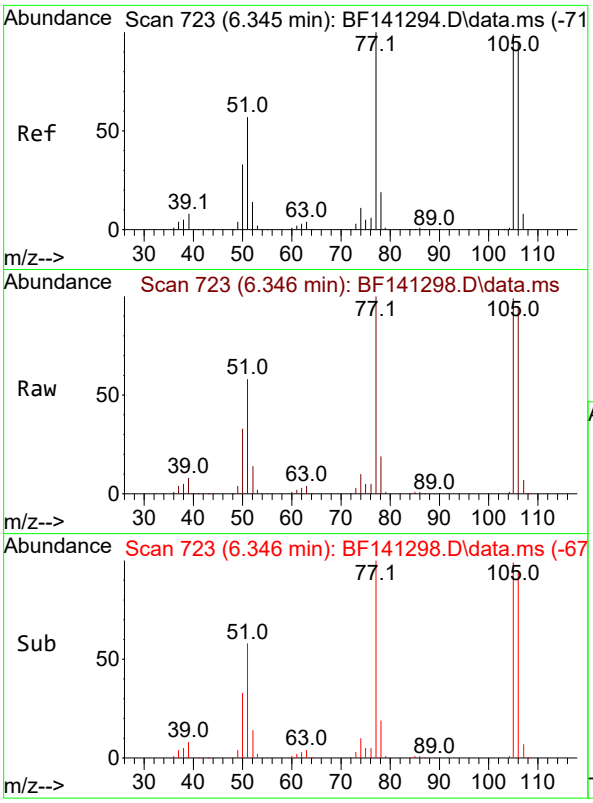


#8
2-Chlorophenol
Concen: 37.505 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:128 Resp: 349085

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.5	52.5
64	53.2	32.9	72.9



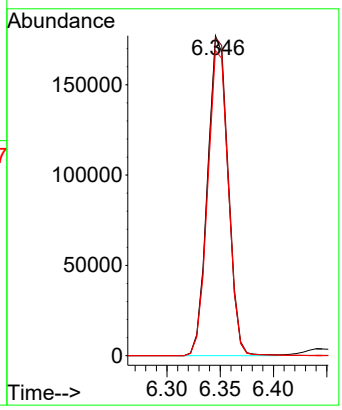


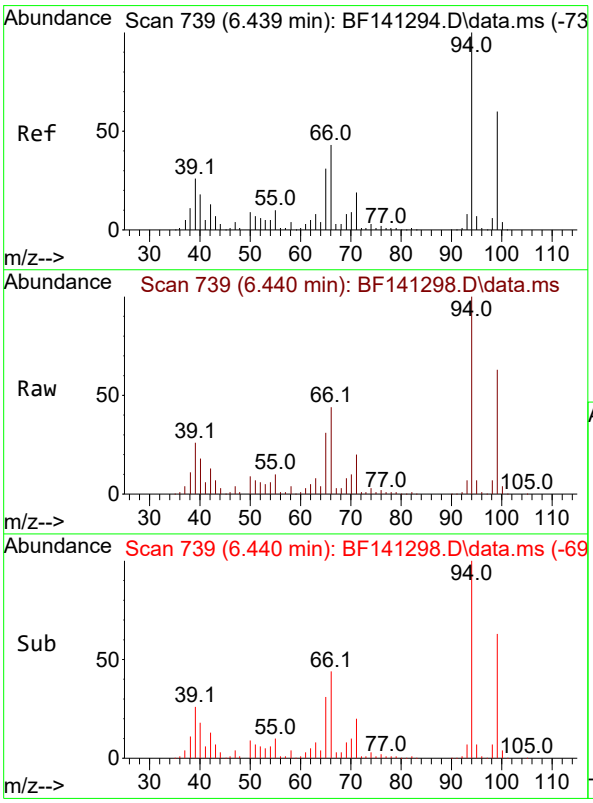
#9
Benzaldehyde
Concen: 36.965 ng
RT: 6.346 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 77 Resp: 236537

Ion	Ratio	Lower	Upper
77	100		
105	99.5	79.4	119.4
106	95.3	74.6	114.6

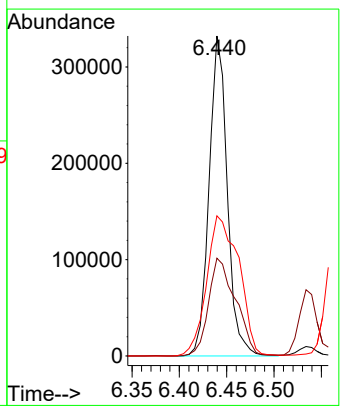


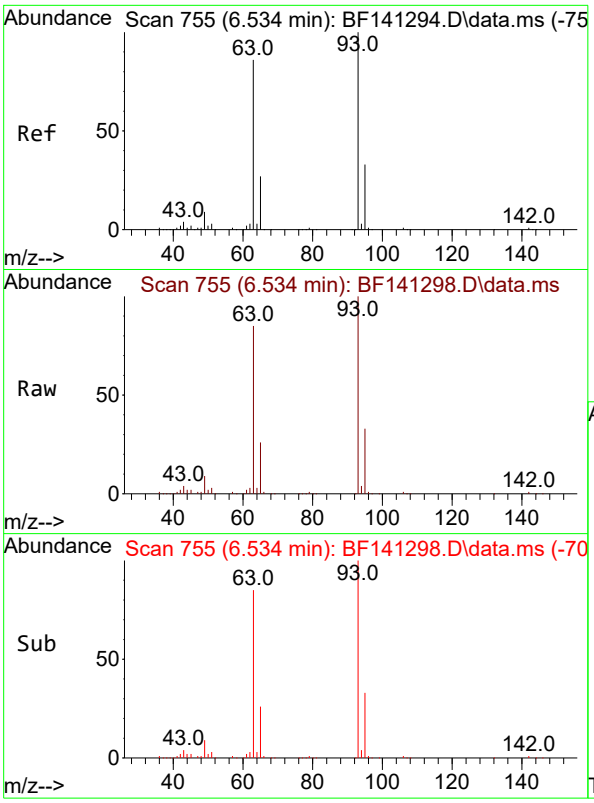


#10
Phenol
Concen: 37.888 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 94 Resp: 443695

Ion	Ratio	Lower	Upper
94	100		
65	30.5	10.8	50.8
66	43.8	23.3	63.3



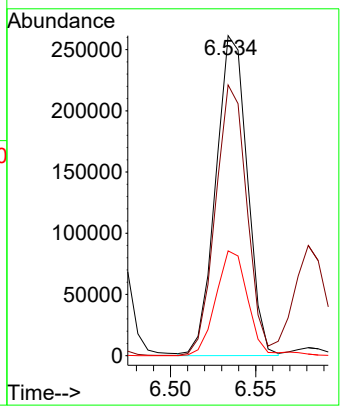


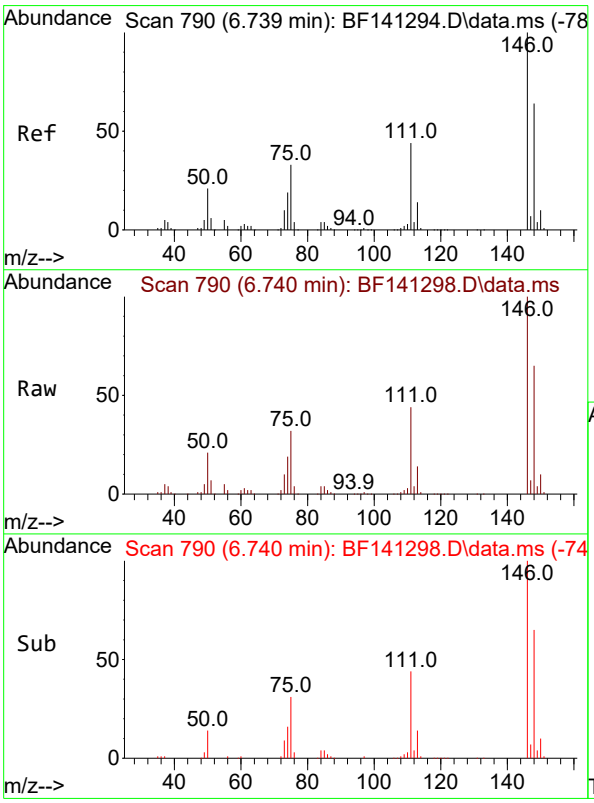
#11
bis(2-Chloroethyl)ether
Concen: 37.387 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 93 Resp: 335702

Ion	Ratio	Lower	Upper
93	100		
63	84.6	65.0	105.0
95	32.8	12.4	52.4

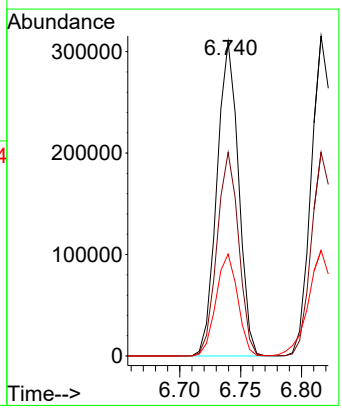


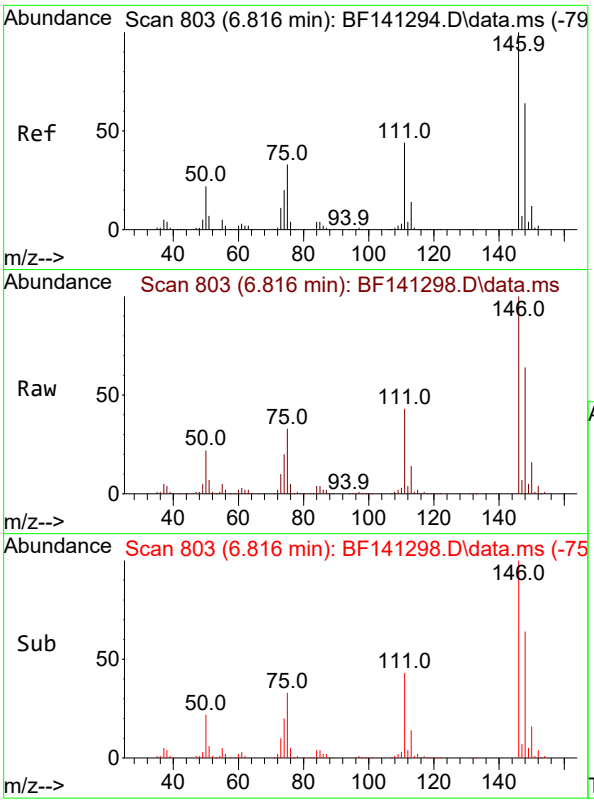


#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 382682

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.2	76.8
75	32.4	26.2	39.4



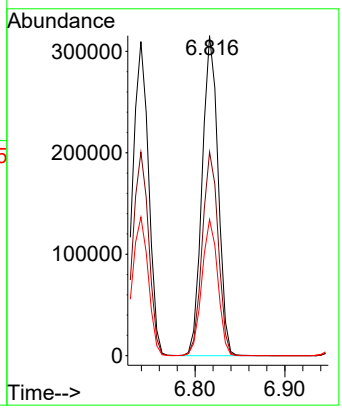


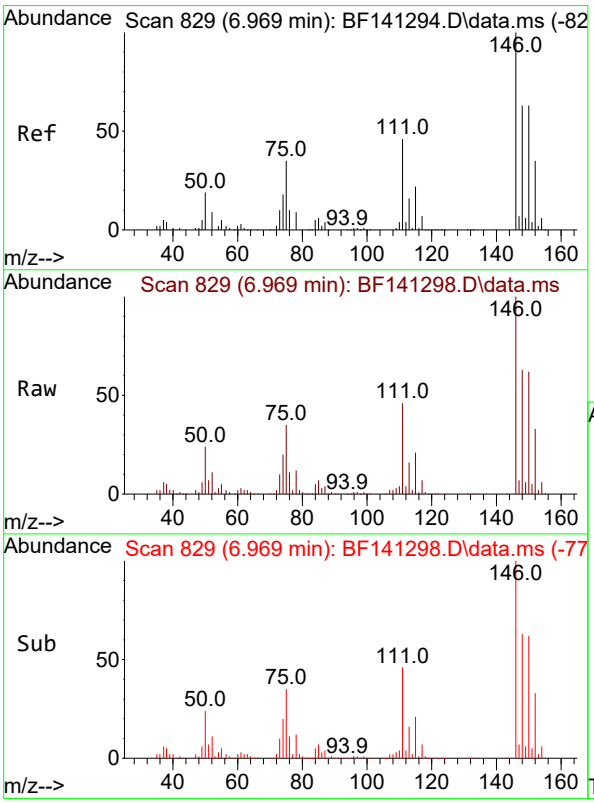
#13
1,4-Dichlorobenzene
Concen: 37.885 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:146 Resp: 390597

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	42.5	35.0	52.4

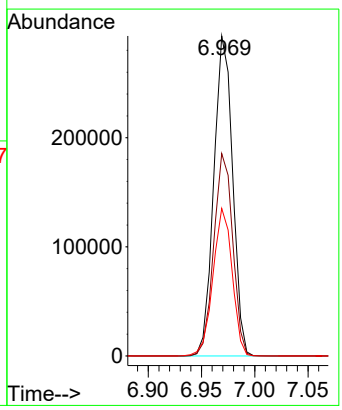


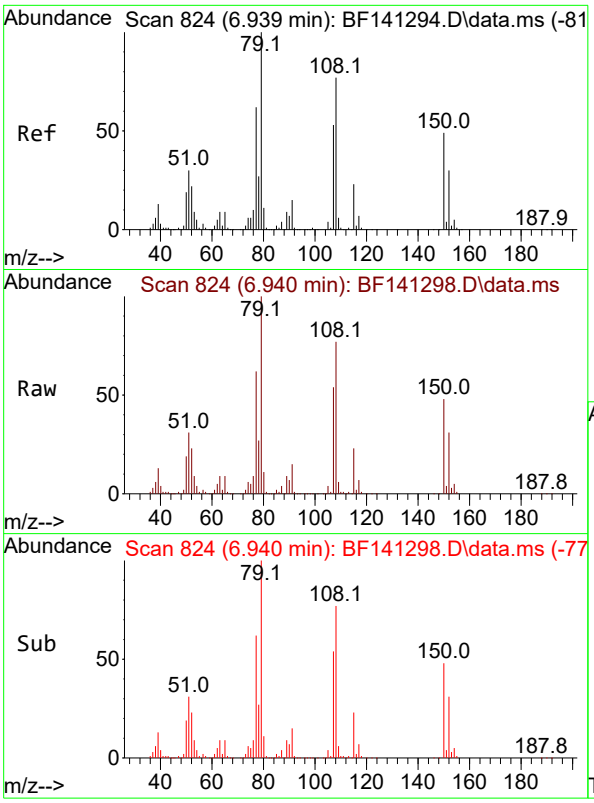


#14
1,2-Dichlorobenzene
Concen: 37.241 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:146 Resp: 359529

Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.5	75.7
111	46.1	36.6	55.0



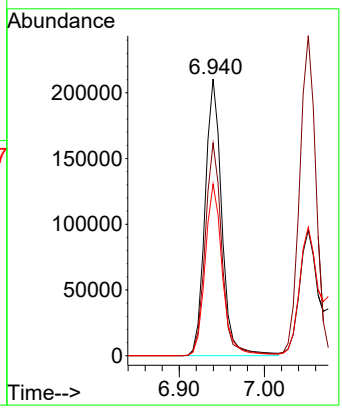


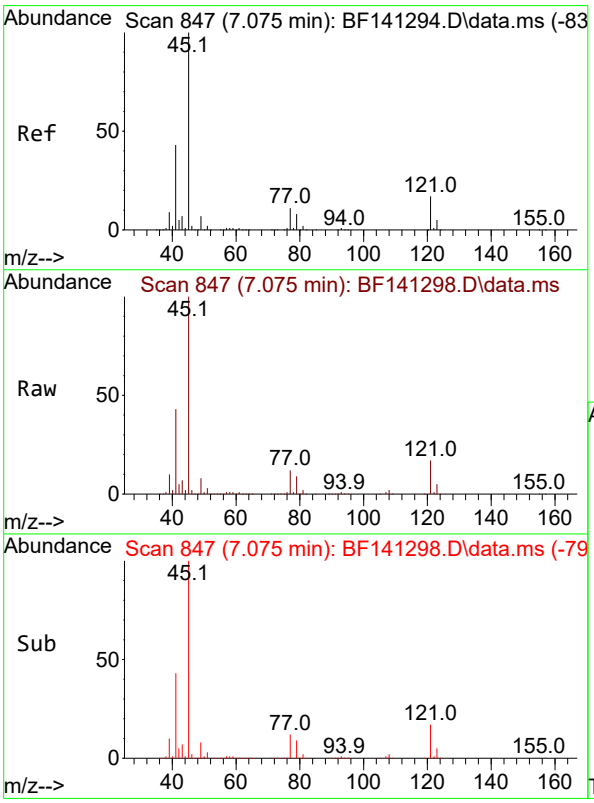
#15
Benzyl Alcohol
Concen: 37.952 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 79 Resp: 286519

Ion	Ratio	Lower	Upper
79	100		
108	76.8	61.4	92.0
77	62.0	49.9	74.9

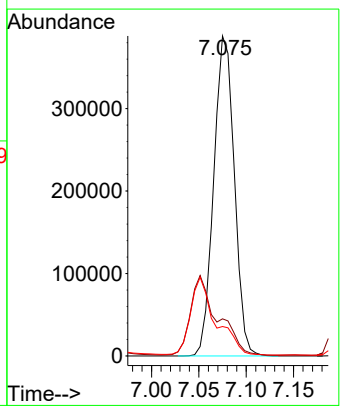


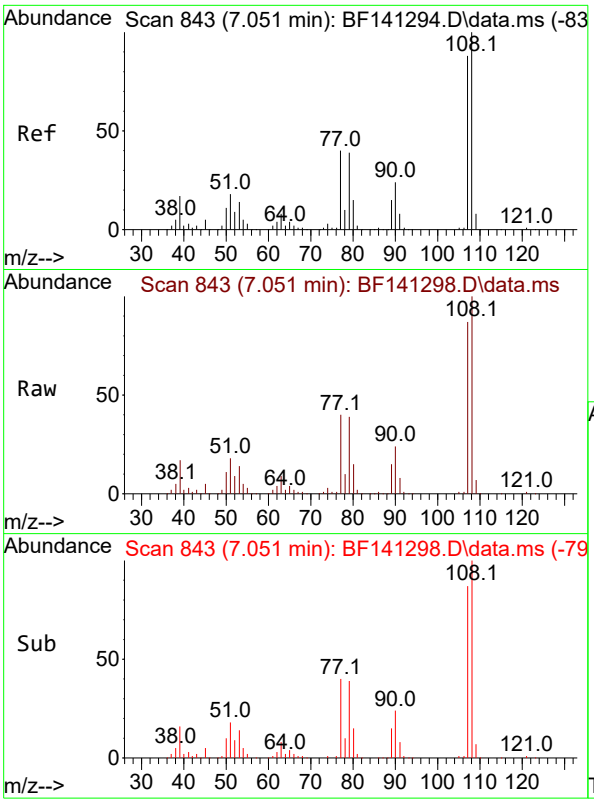


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.636 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 45 Resp: 587637

Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	31.8
79	9.2	0.0	29.1



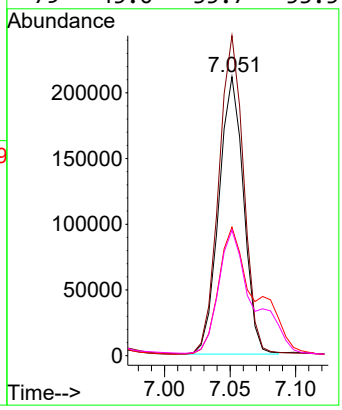


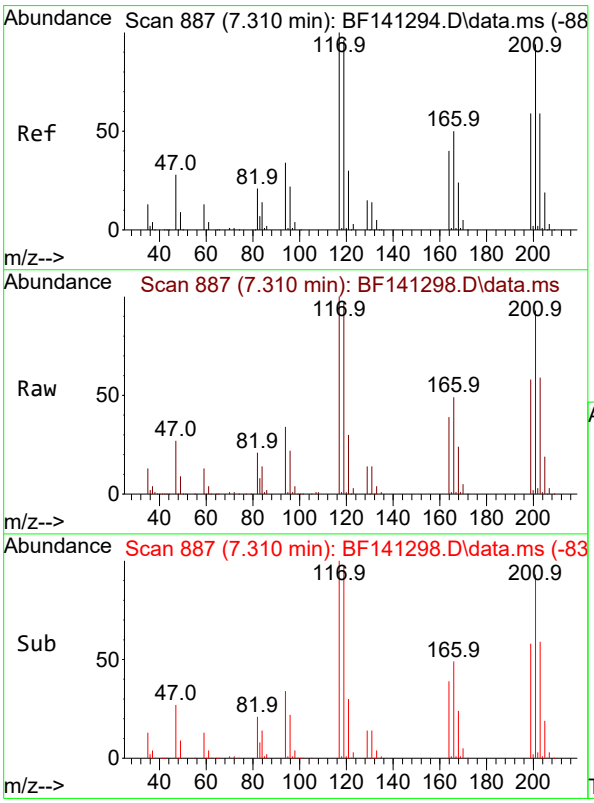
#17
2-Methylphenol
Concen: 36.544 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:107 Resp: 276450

Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.8	136.2
77	46.1	36.2	54.4
79	45.0	35.7	53.5

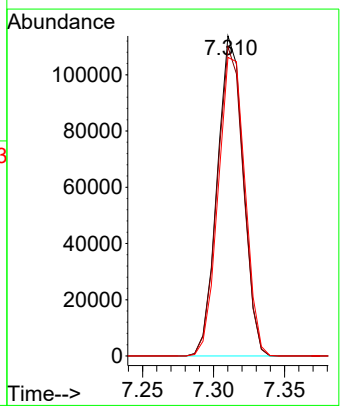


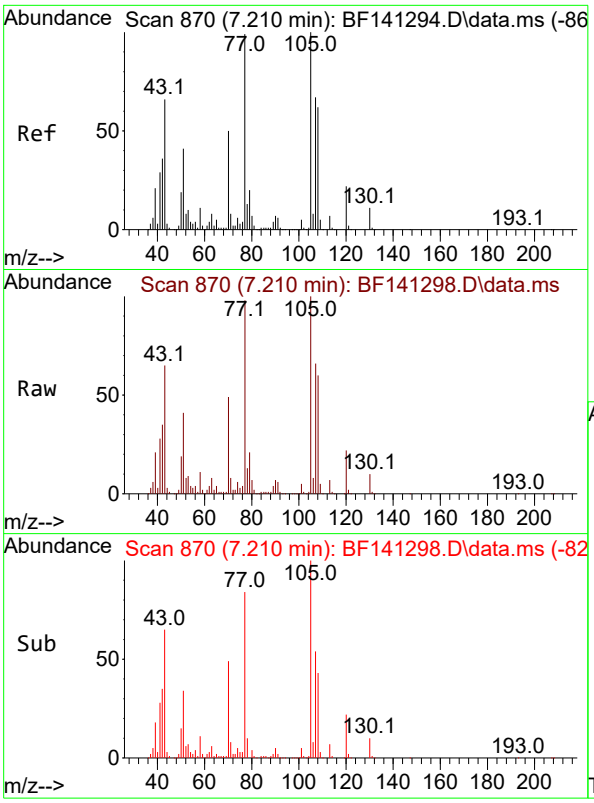


#18
Hexachloroethane
Concen: 38.094 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:117 Resp: 144890

Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.6	114.8
201	93.3	74.8	112.2



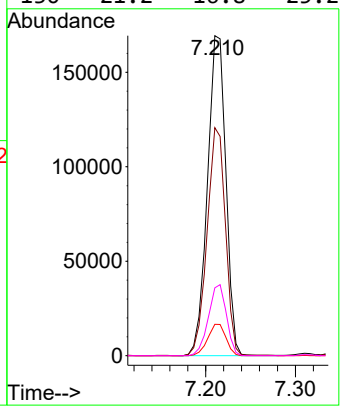


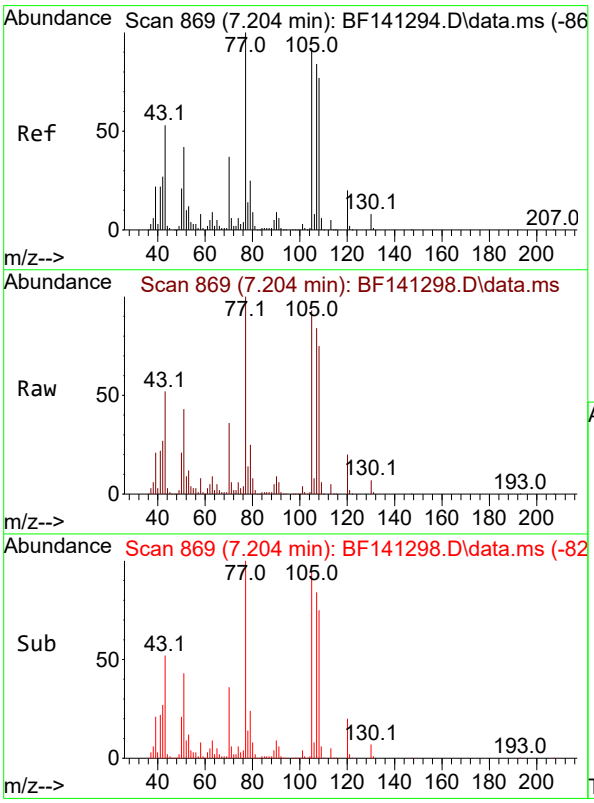
#19
n-Nitroso-di-n-propylamine
Concen: 36.848 ng
RT: 7.210 min Scan# 8
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 70 Resp: 241878

Ion	Ratio	Lower	Upper
70	100		
42	71.3	56.8	85.2
101	9.8	7.7	11.5
130	21.2	16.8	25.2

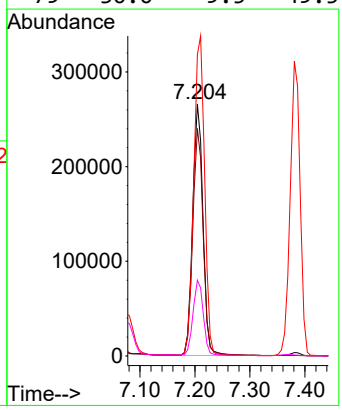


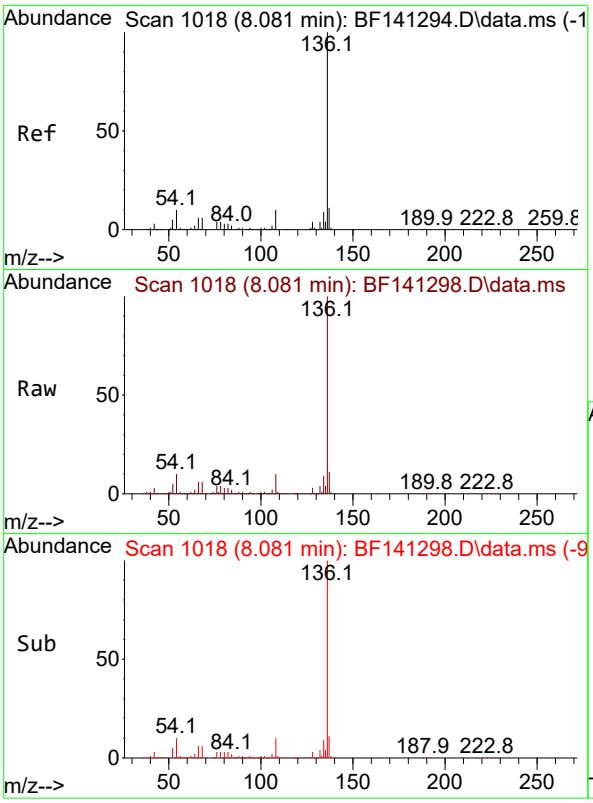


#20
3+4-Methylphenols
Concen: 37.364 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 347046

Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.9	110.9
77	119.7	98.5	138.5
79	30.0	9.5	49.5



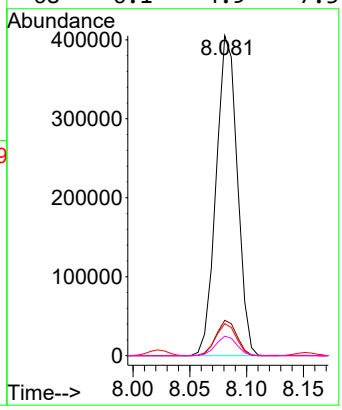


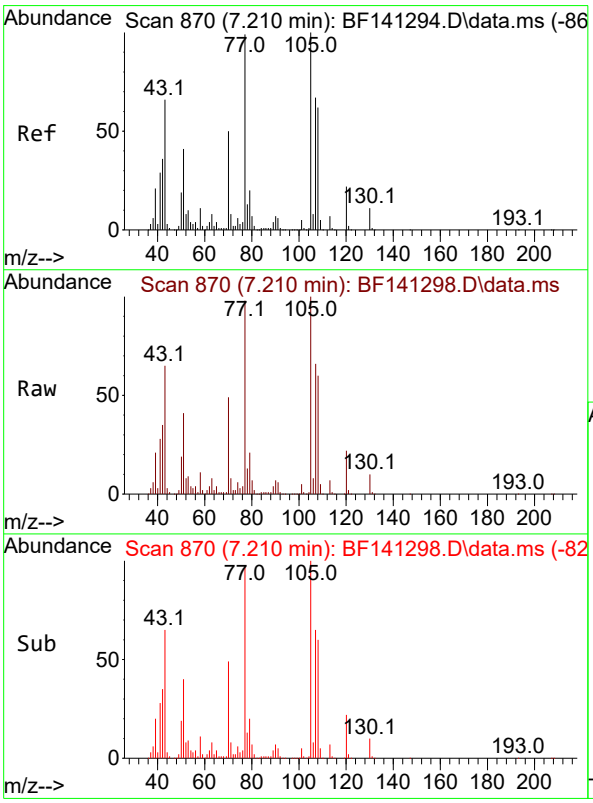
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:136 Resp: 525644

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.1	4.9	7.3

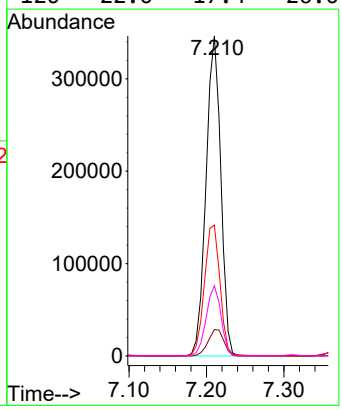


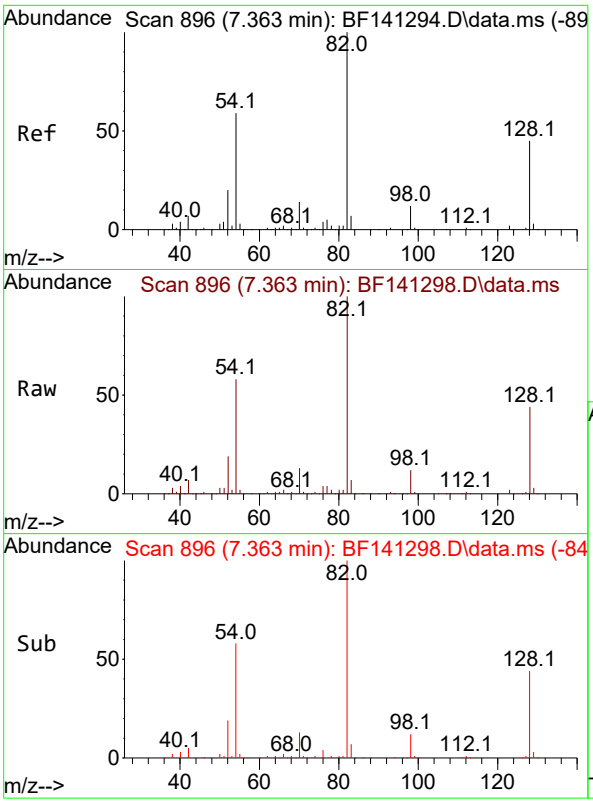


#22
Acetophenone
Concen: 36.717 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:105 Resp: 458757

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.8	10.2
51	40.9	32.6	49.0
120	22.0	17.4	26.0



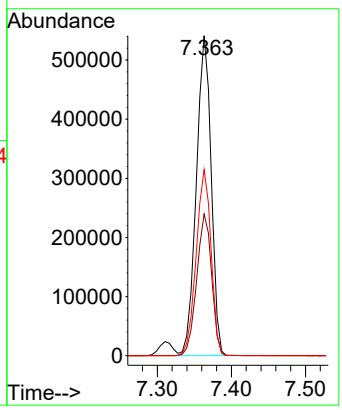


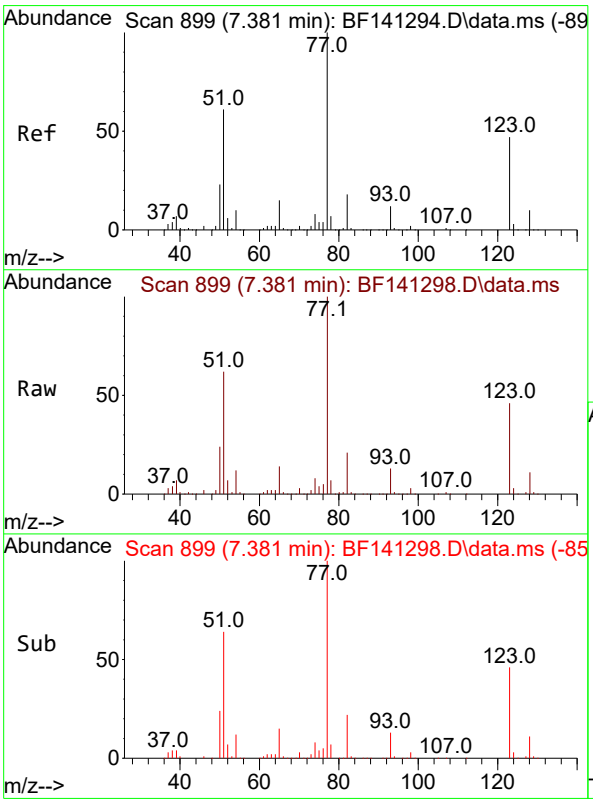
#23
Nitrobenzene-d5
Concen: 75.630 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 82 Resp: 754118

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.2	47.1	70.7

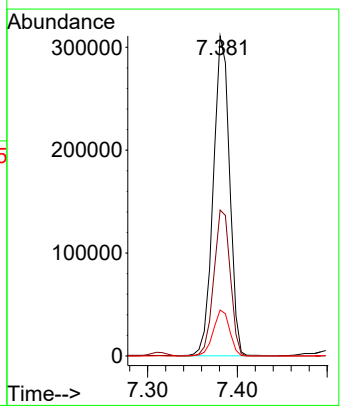


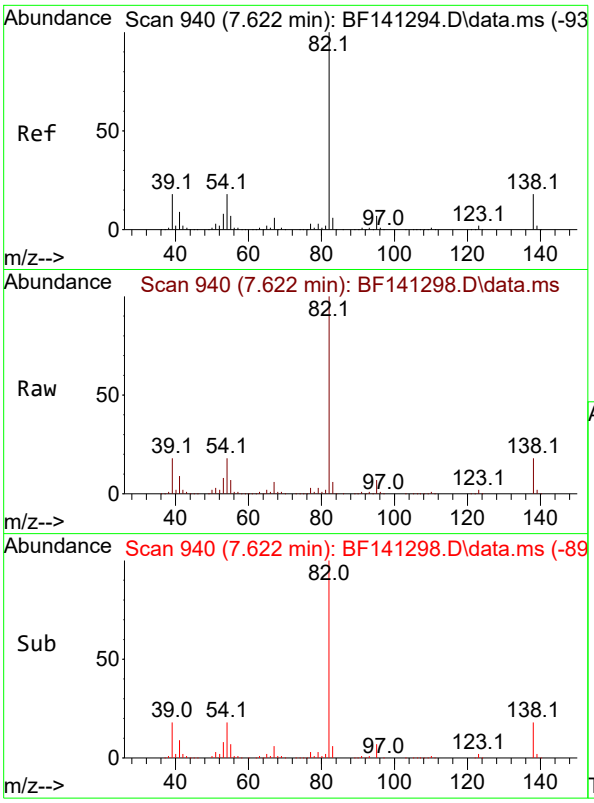


#24
Nitrobenzene
Concen: 37.927 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 77 Resp: 391907

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.3	55.9
65	14.4	11.8	17.6



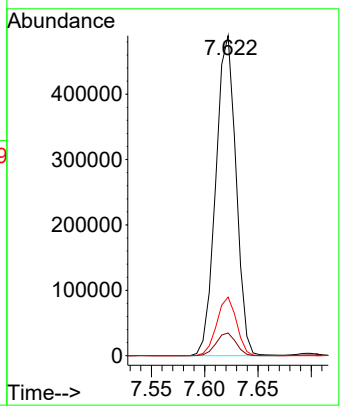


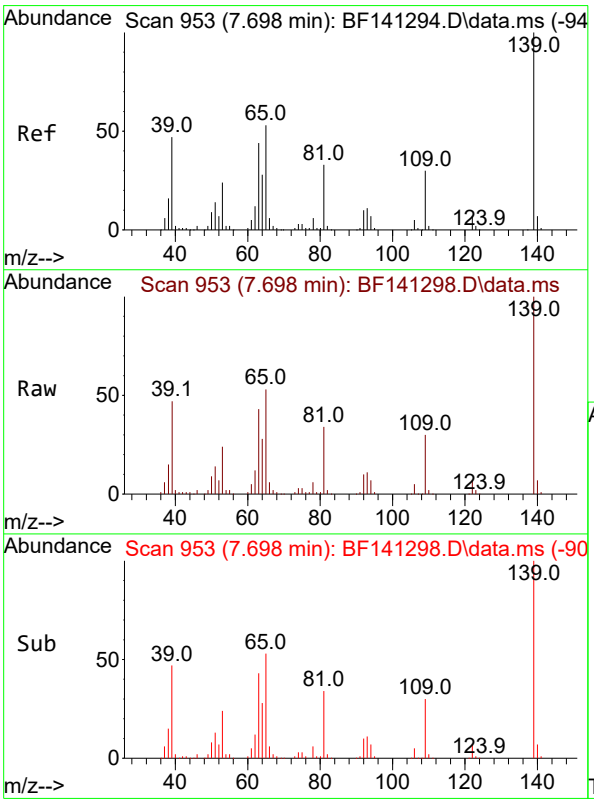
#25
Isophorone
Concen: 37.439 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 82 Resp: 645309

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.3	14.7	22.1

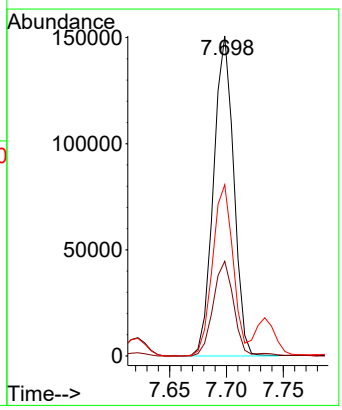


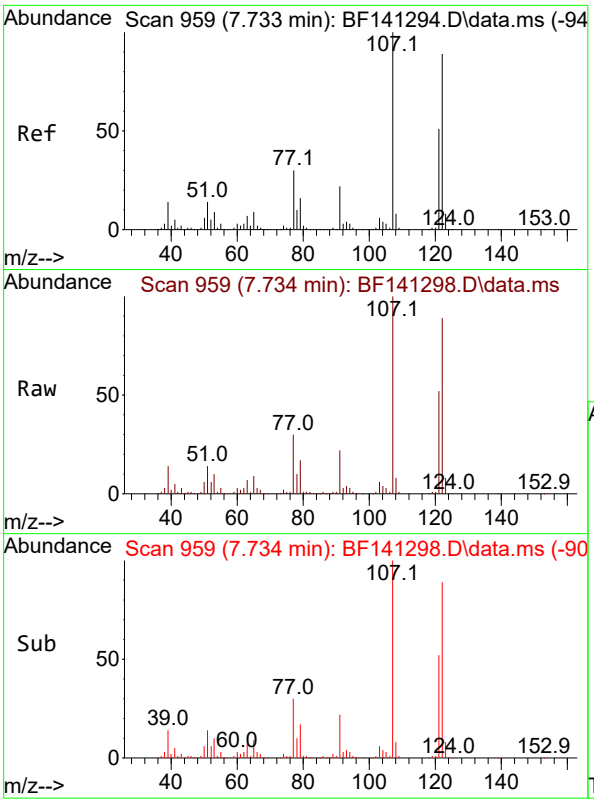


#26
2-Nitrophenol
Concen: 38.289 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 186592

Ion	Ratio	Lower	Upper
139	100		
109	29.6	23.8	35.6
65	53.5	42.2	63.4



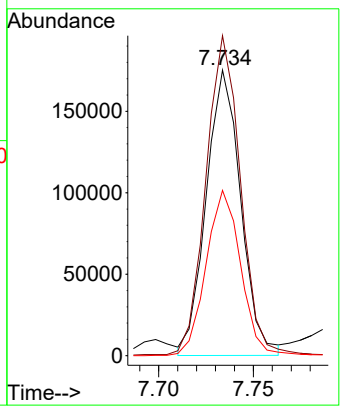


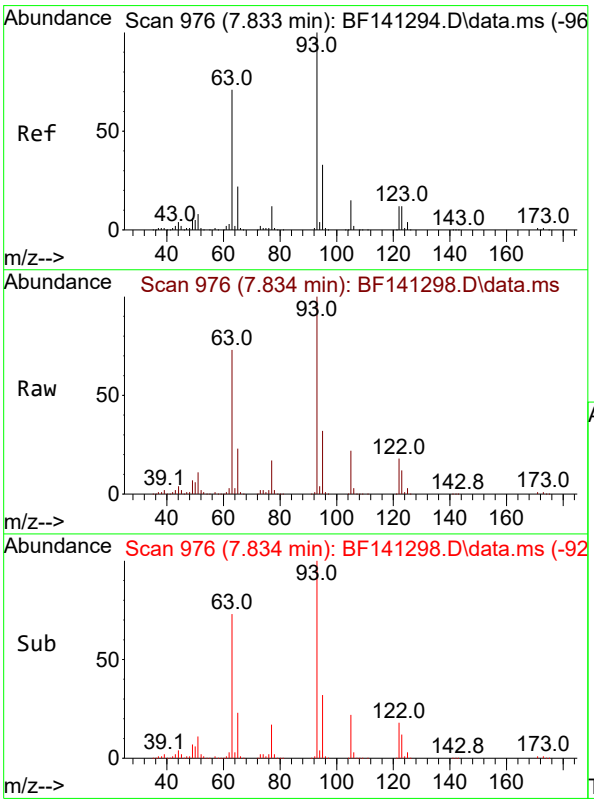
#27
2,4-Dimethylphenol
Concen: 35.897 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:122 Resp: 222665

Ion	Ratio	Lower	Upper
122	100		
107	112.0	89.9	134.9
121	57.9	46.1	69.1

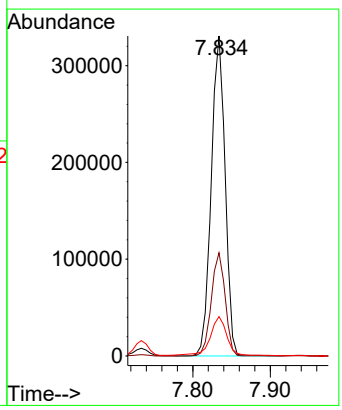


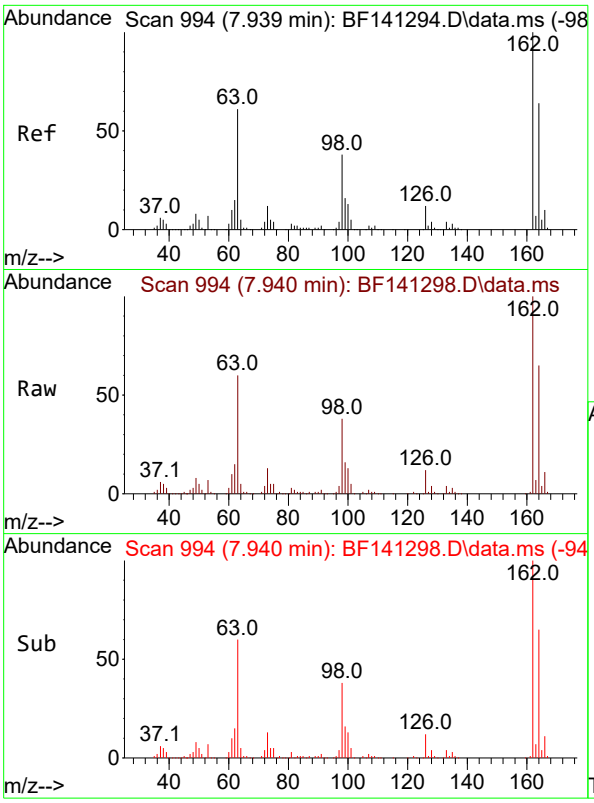


#28
bis(2-Chloroethoxy)methane
Concen: 37.460 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 93 Resp: 411851

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.2
123	12.3	10.2	15.4



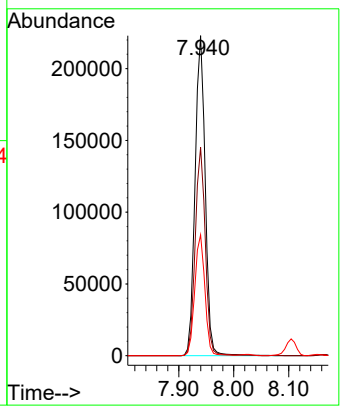


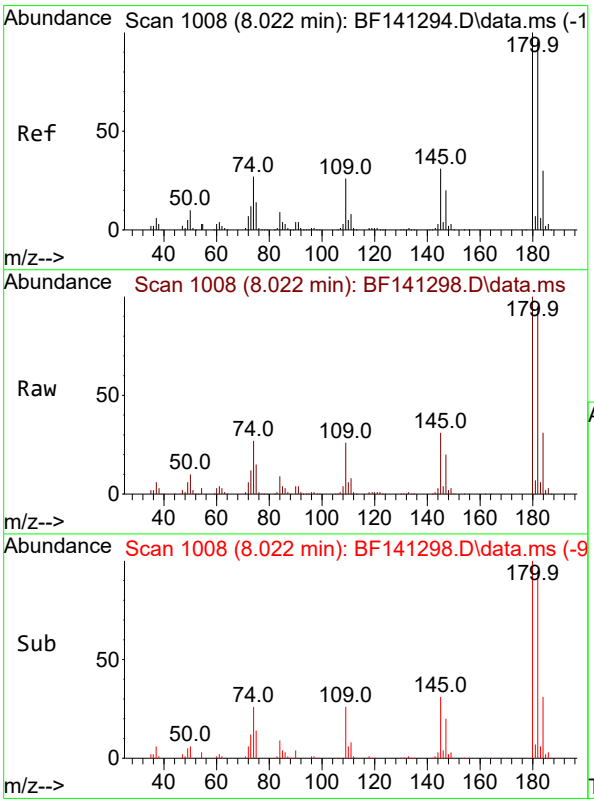
#29
2,4-Dichlorophenol
Concen: 37.675 ng
RT: 7.940 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:162 Resp: 286090

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.2	84.2
98	37.7	18.2	58.2

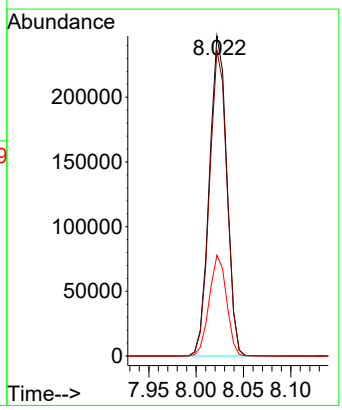


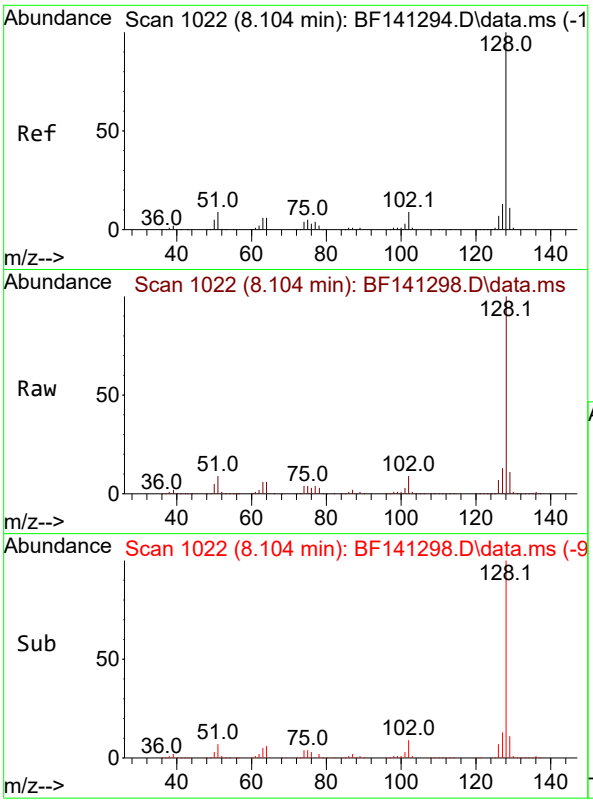


#30
1,2,4-Trichlorobenzene
Concen: 36.488 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:180 Resp: 316431

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	31.4	24.9	37.3



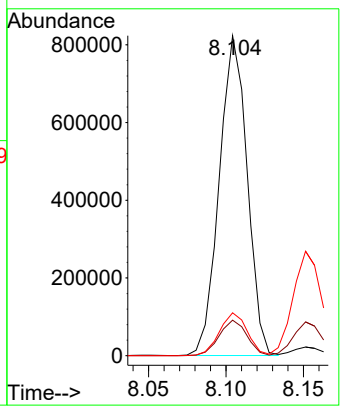


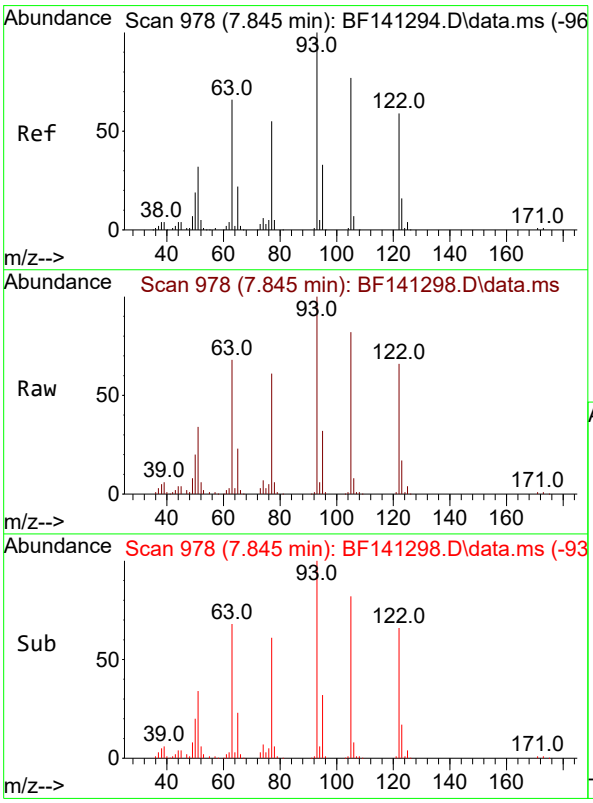
#31
Naphthalene
Concen: 37.128 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:128 Resp: 1030995

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.6	15.8

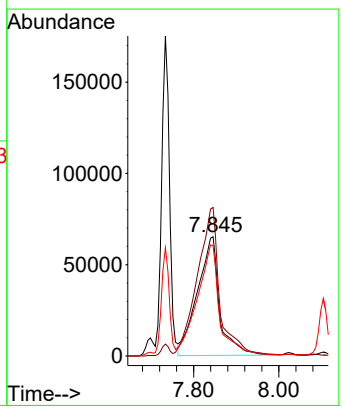


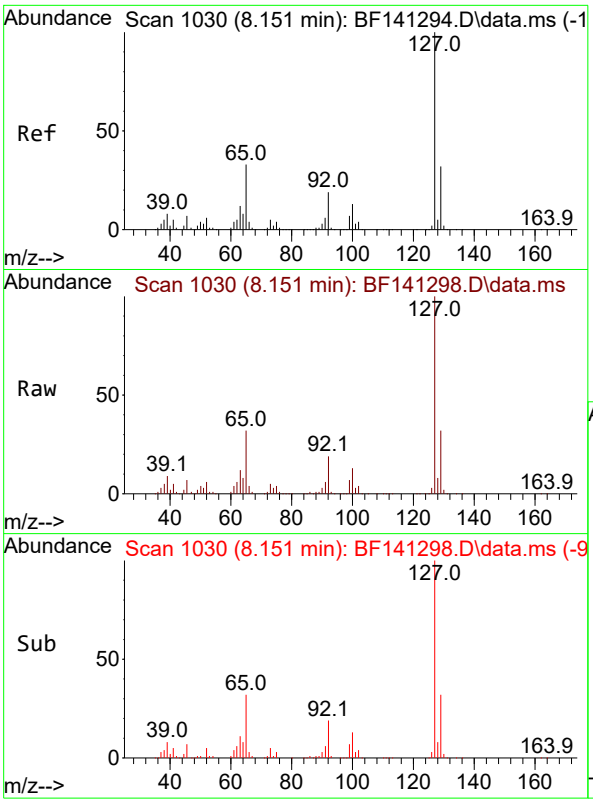


#32
Benzoic acid
Concen: 41.534 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:122 Resp: 236833

Ion	Ratio	Lower	Upper
122	100		
105	124.7	103.4	143.4
77	92.8	70.9	110.9



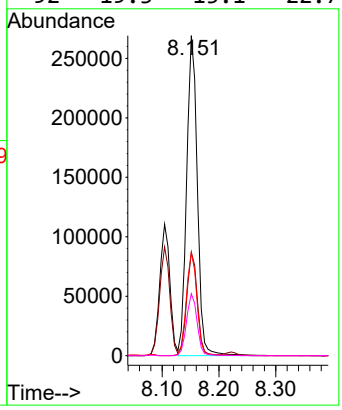


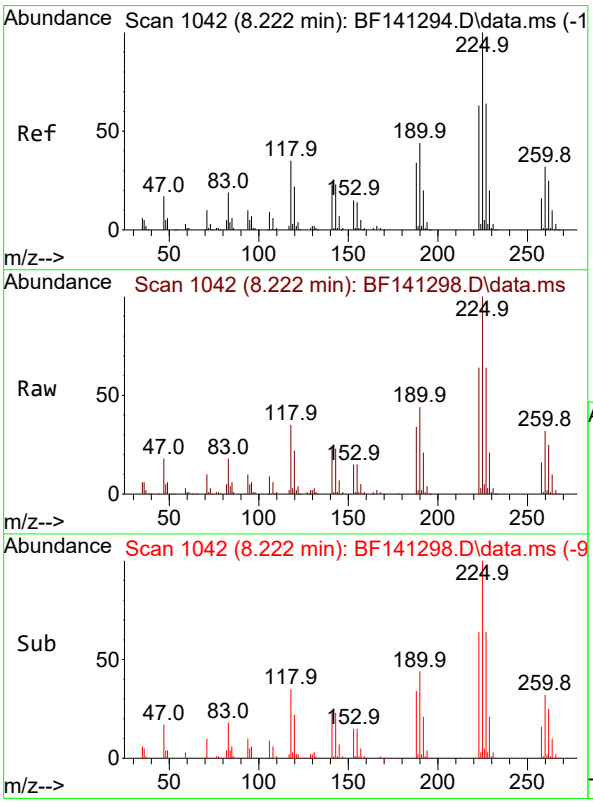
#33
4-Chloroaniline
Concen: 37.214 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:127 Resp: 350423

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.3	26.4	39.6
92	19.3	15.1	22.7

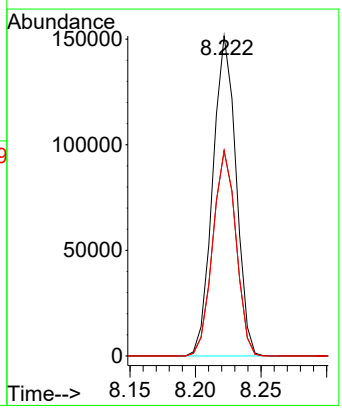


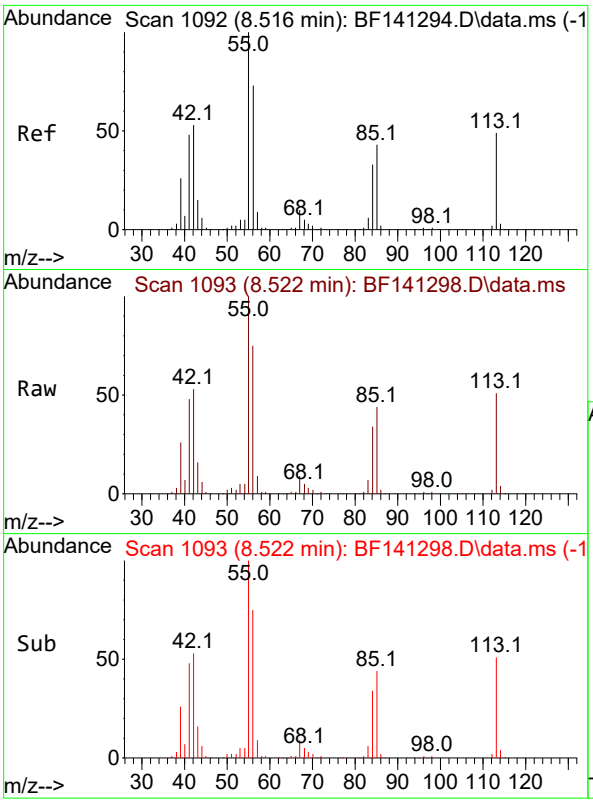


#34
Hexachlorobutadiene
Concen: 36.676 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:225 Resp: 186523

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.4	75.6
227	64.2	51.3	76.9



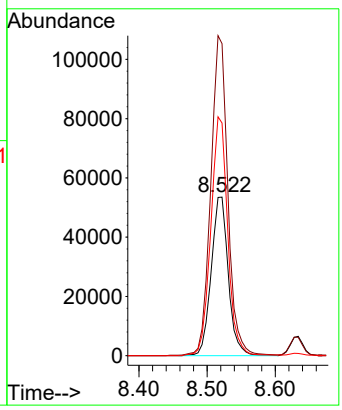


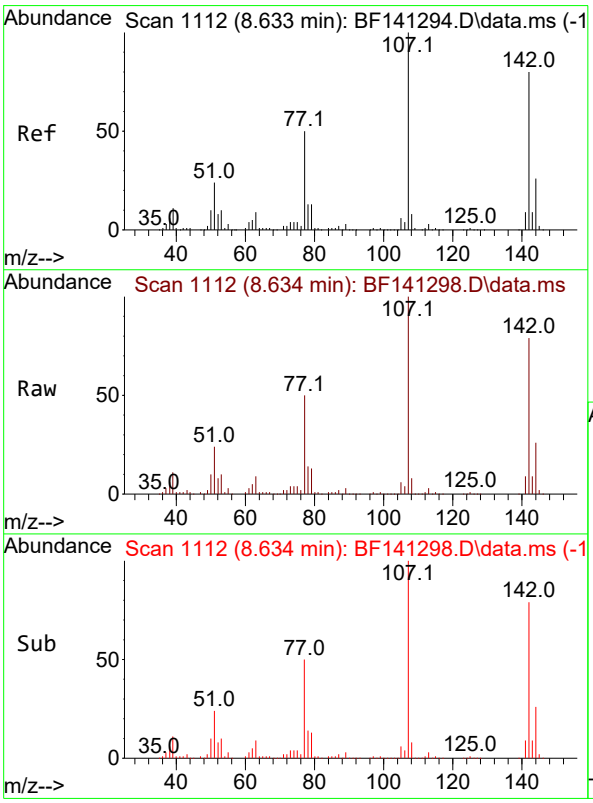
#35
Caprolactam
Concen: 37.662 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:113 Resp: 93403

Ion	Ratio	Lower	Upper
113	100		
55	196.8	182.9	222.9
56	146.7	127.9	167.9

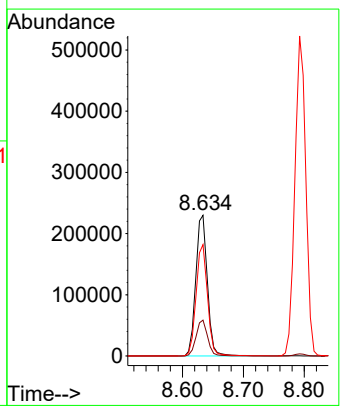


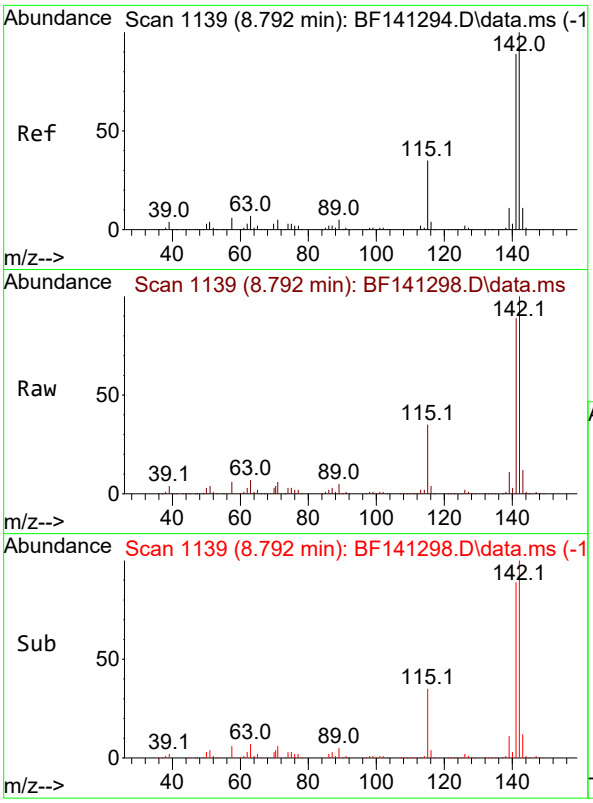


#36
4-Chloro-3-methylphenol
Concen: 37.480 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:107 Resp: 305288

Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.7	31.1
142	79.1	63.8	95.8



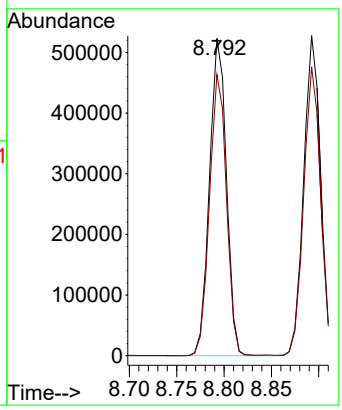


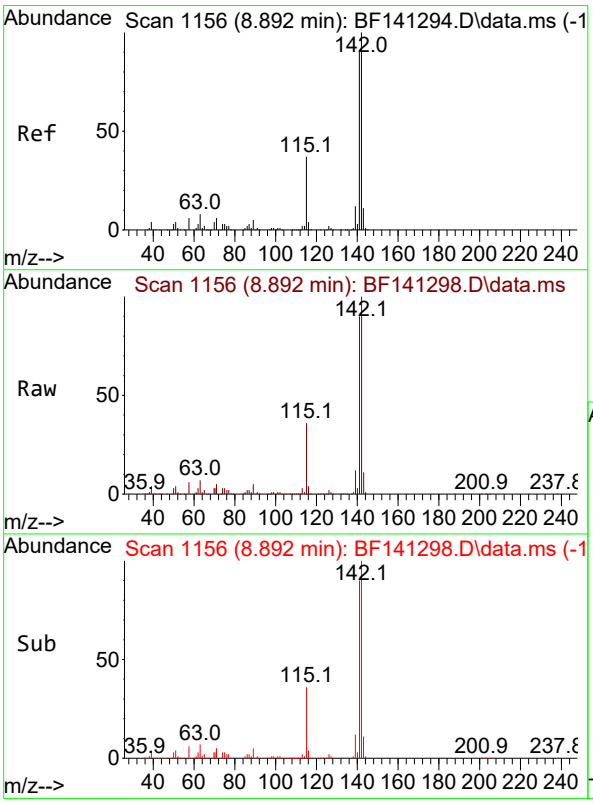
#37
2-Methylnaphthalene
Concen: 36.898 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:142 Resp: 651222

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9

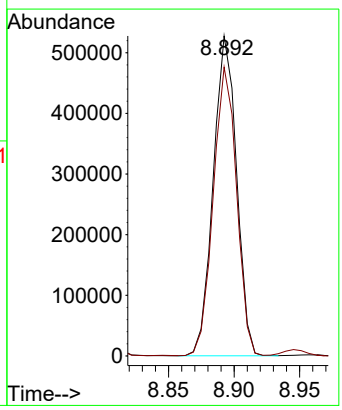


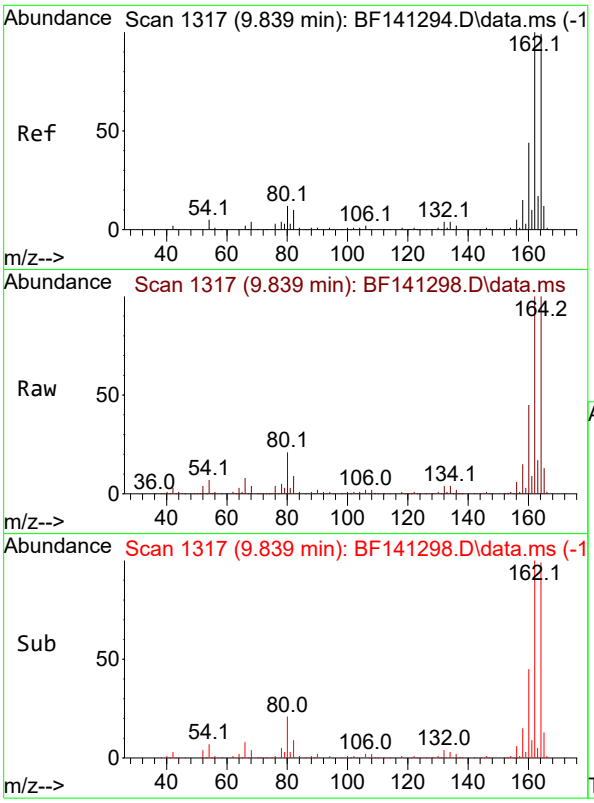


#38
1-Methylnaphthalene
Concen: 37.570 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:142 Resp: 651341

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.2	109.8



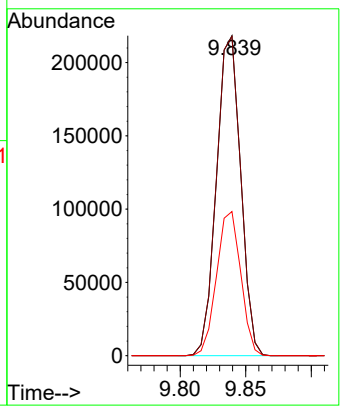


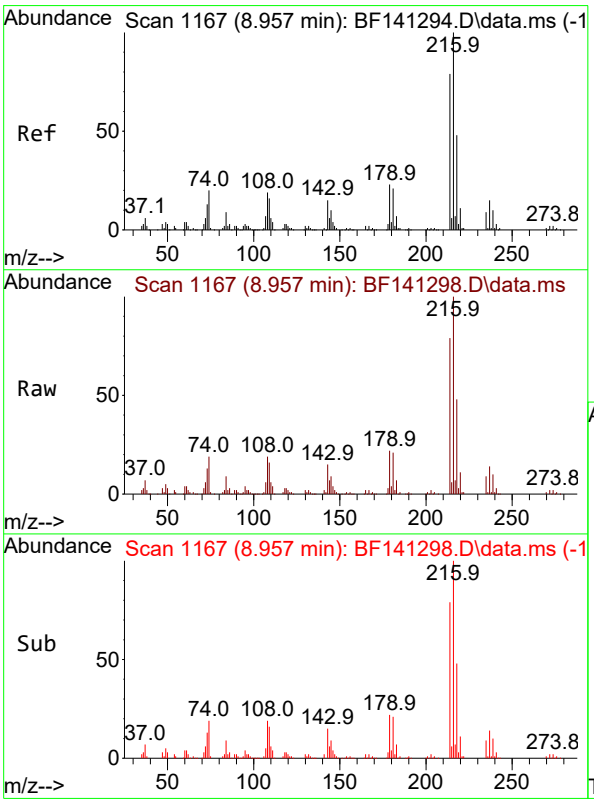
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:164 Resp: 279764

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	121.0
160	45.1	35.8	53.6

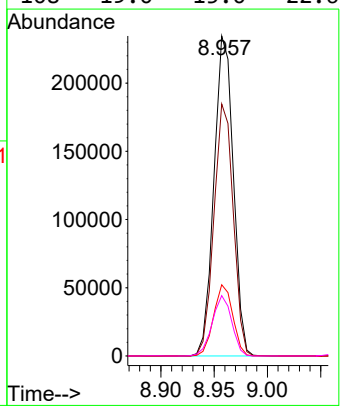


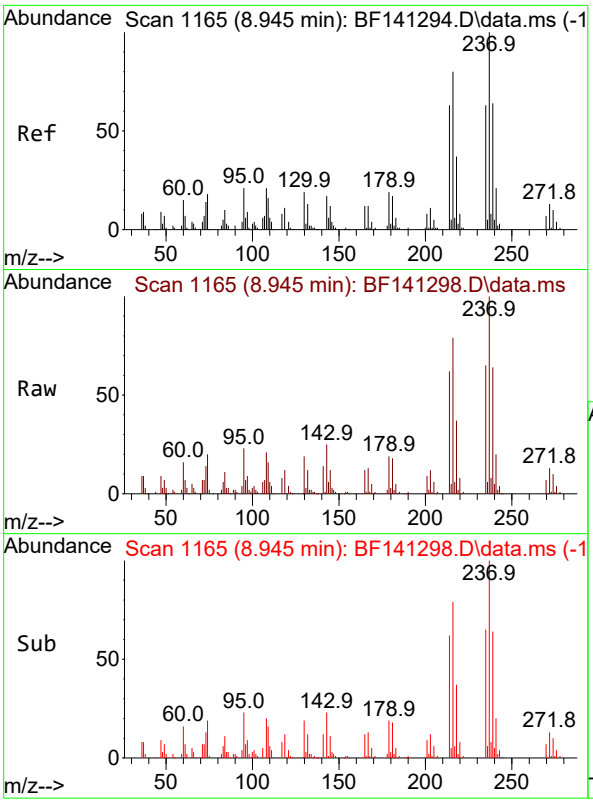


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.226 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:216 Resp: 296277

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	22.0	17.8	26.8
108	19.0	15.0	22.6



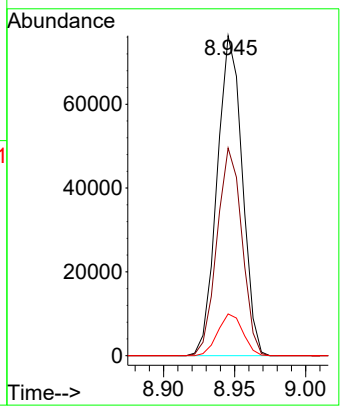


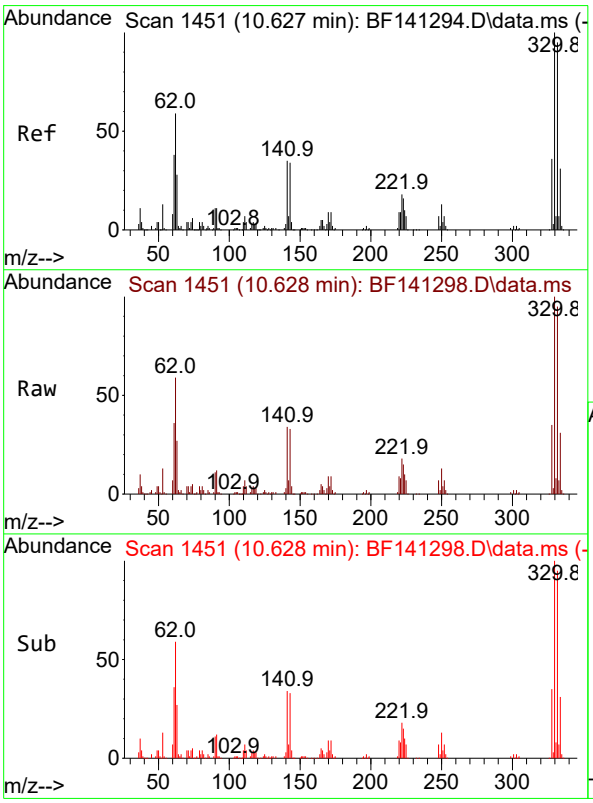
#41
Hexachlorocyclopentadiene
Concen: 39.961 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:237 Resp: 93930

Ion	Ratio	Lower	Upper
237	100		
235	64.9	42.9	82.9
272	13.1	0.0	32.8

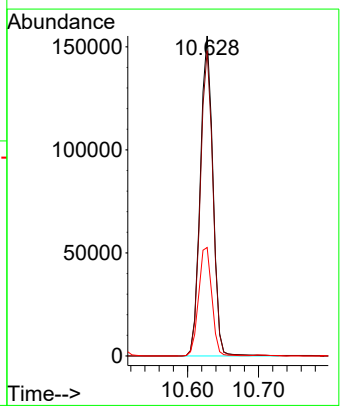


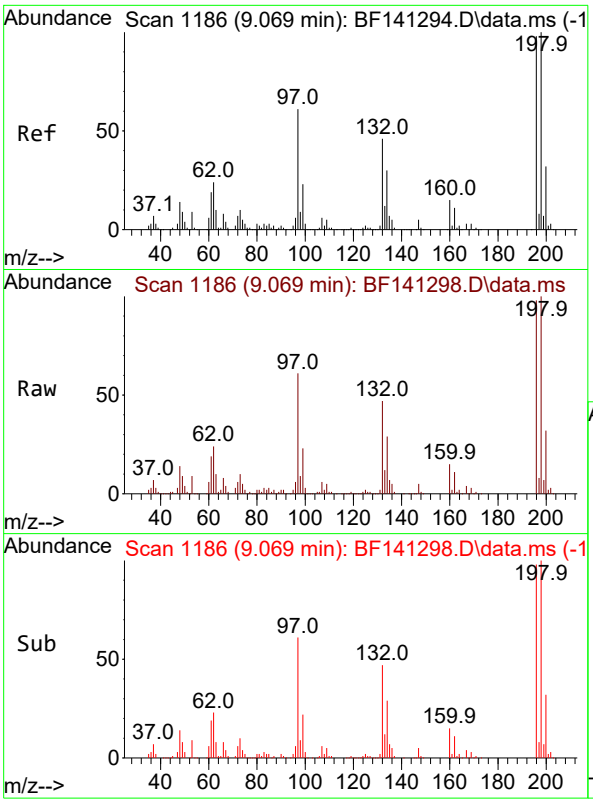


#42
2,4,6-Tribromophenol
Concen: 75.161 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:330 Resp: 192773

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.1	114.1
141	35.5	28.8	43.2



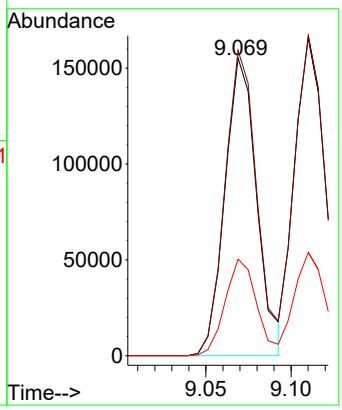


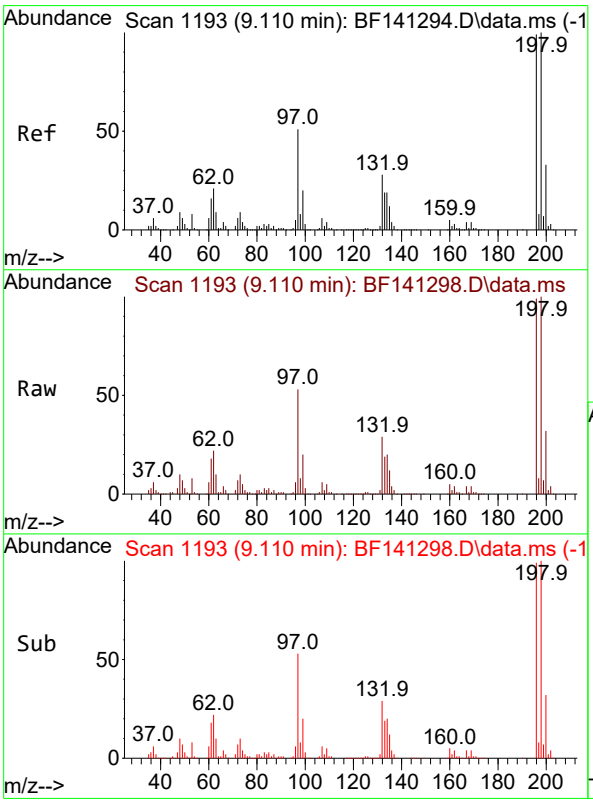
#43
2,4,6-Trichlorophenol
Concen: 38.625 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:196 Resp: 201214

Ion	Ratio	Lower	Upper
196	100		
198	102.5	81.8	122.6
200	32.4	26.3	39.5

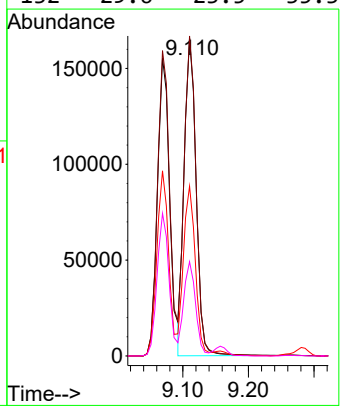


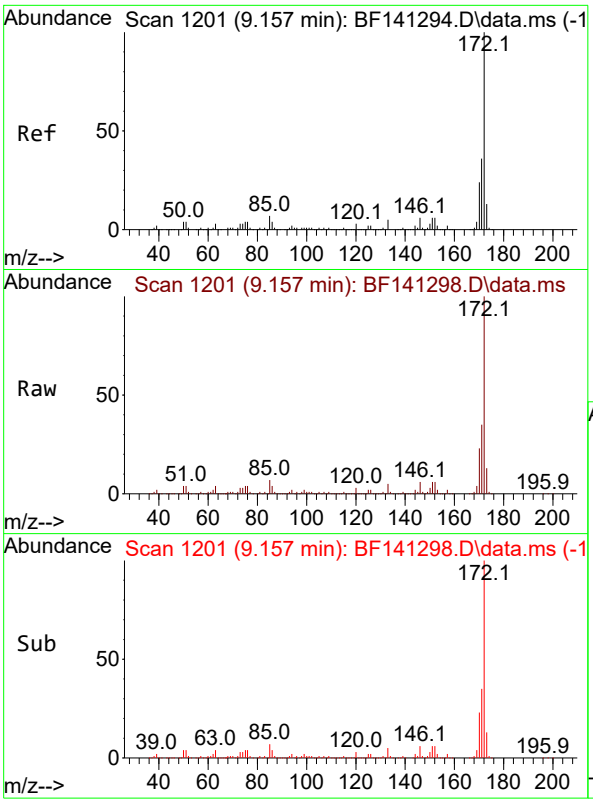


#44
2,4,5-Trichlorophenol
Concen: 36.969 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:196 Resp: 209611

Ion	Ratio	Lower	Upper
196	100		
198	100.6	80.5	120.7
97	53.3	42.8	64.2
132	29.6	23.5	35.3



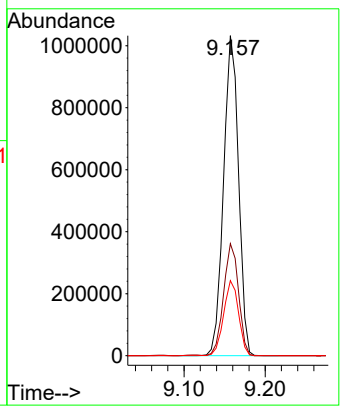


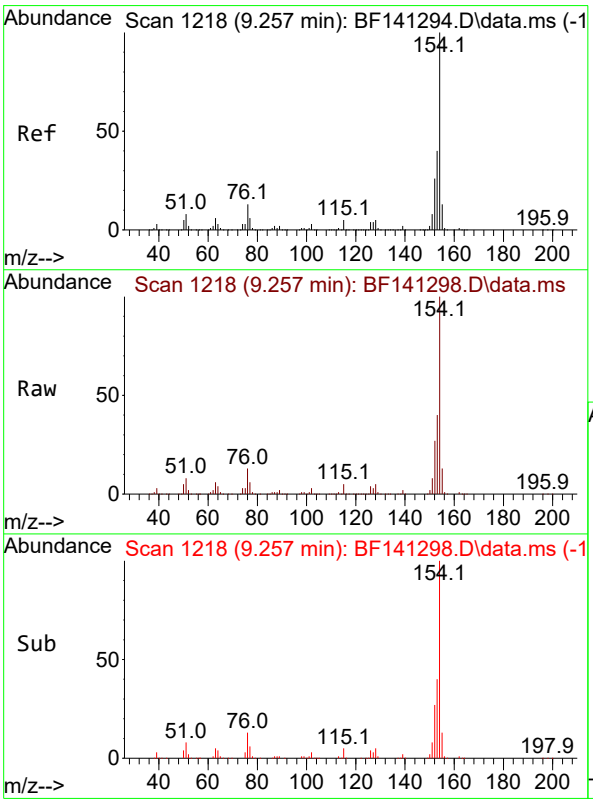
#45
2-Fluorobiphenyl
Concen: 72.938 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:172 Resp: 1325725

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.8	43.2
170	23.4	19.0	28.6

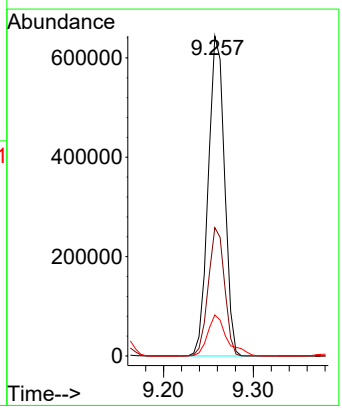


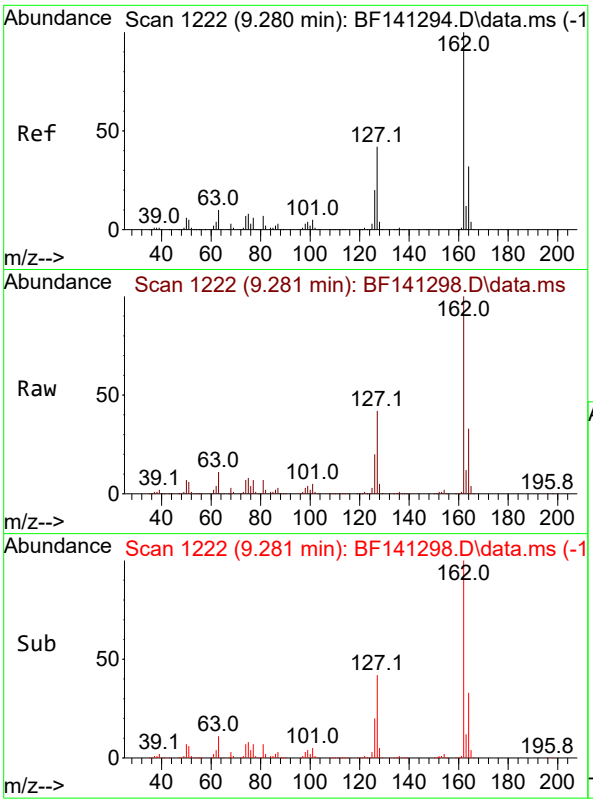


#46
1,1'-Biphenyl
Concen: 37.111 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 809694

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	12.8	0.0	32.8



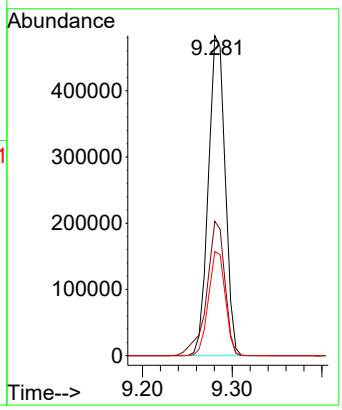


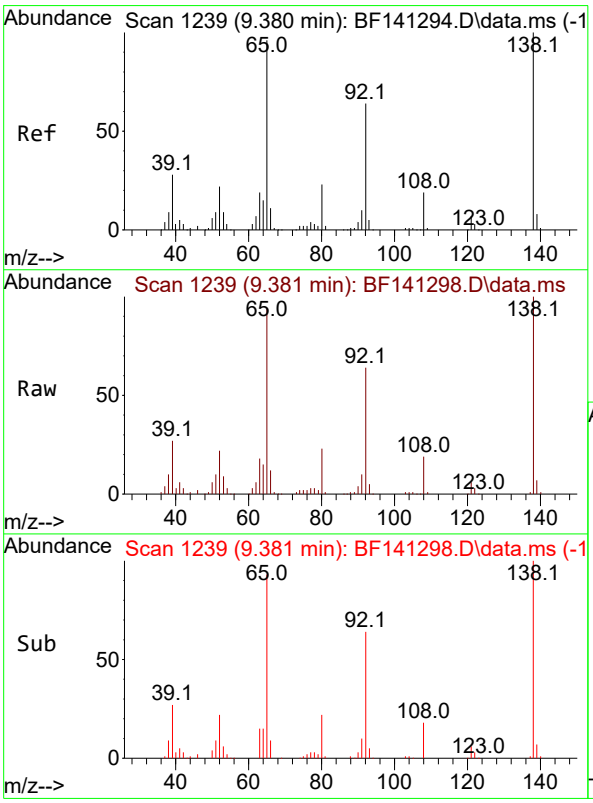
#47
2-Chloronaphthalene
Concen: 36.837 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:162 Resp: 626457

Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.7	50.5
164	32.5	25.9	38.9

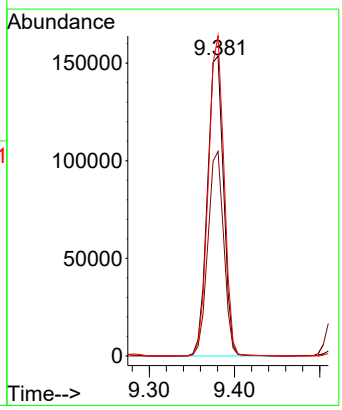


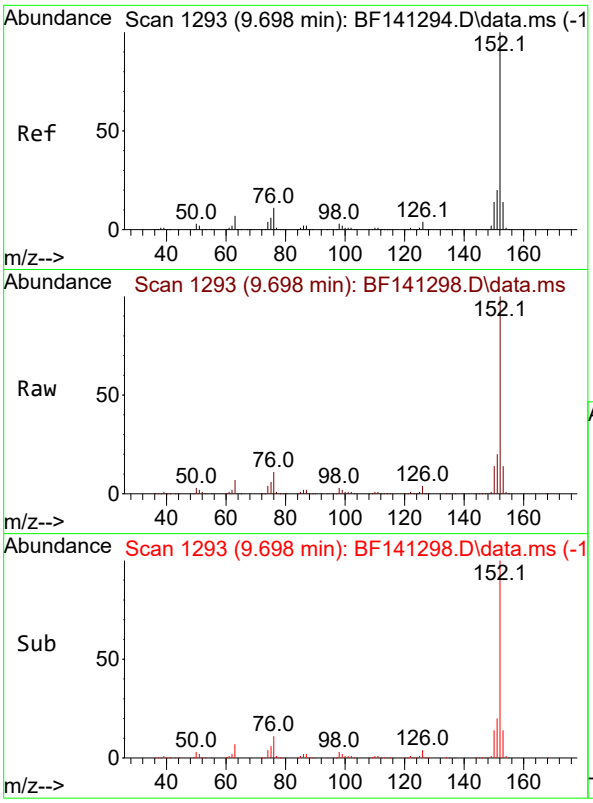


#48
2-Nitroaniline
Concen: 37.970 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion: 65 Resp: 203104

Ion	Ratio	Lower	Upper
65	100		
92	68.1	53.3	79.9
138	106.7	83.6	125.4



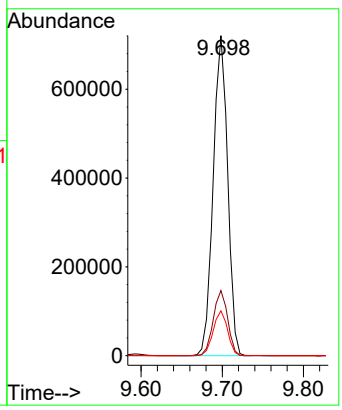


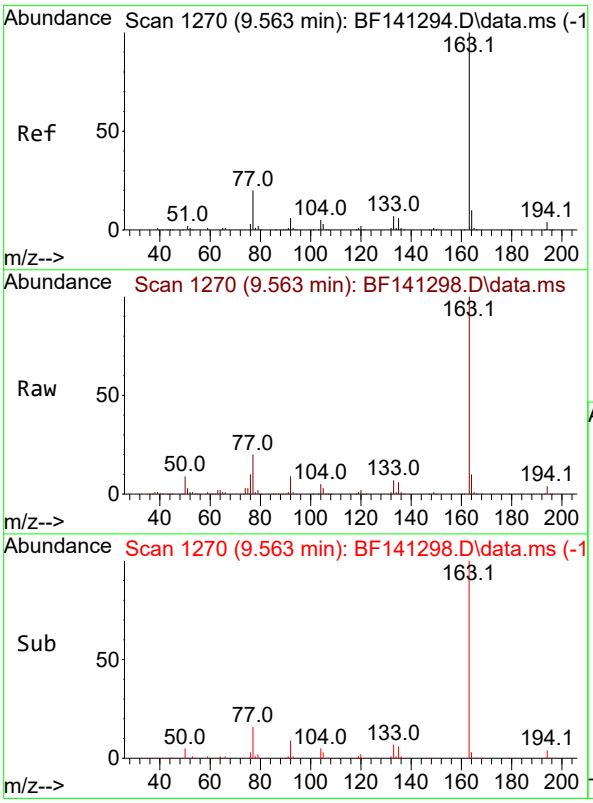
#49
Acenaphthylene
Concen: 37.416 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:152 Resp: 890709

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.0	11.0	16.6

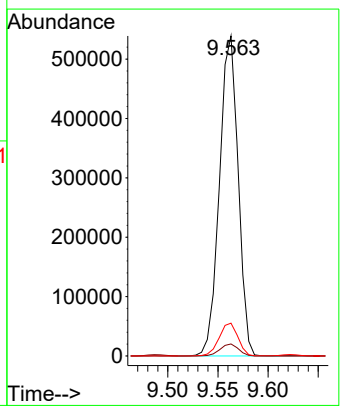


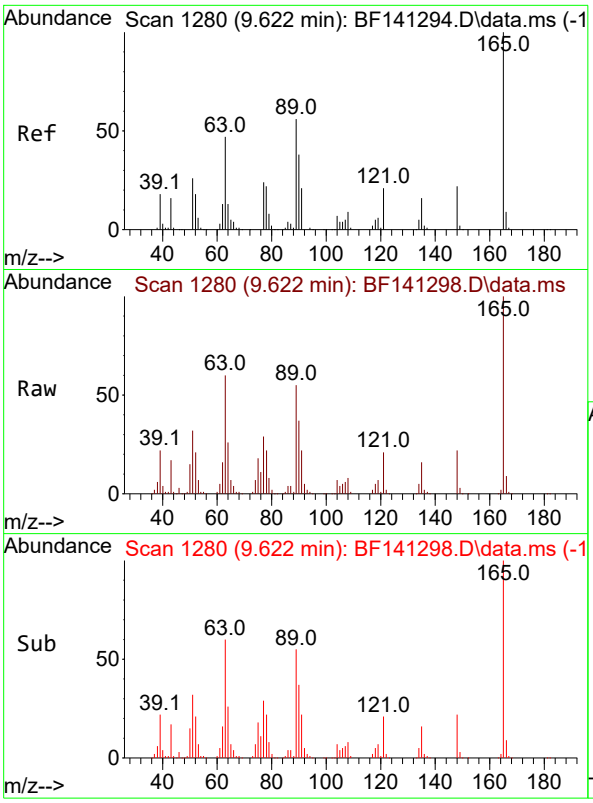


#50
Dimethylphthalate
Concen: 36.904 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:163 Resp: 697300

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



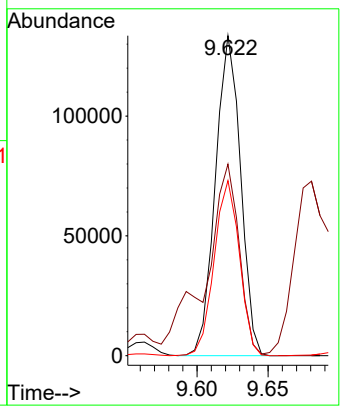


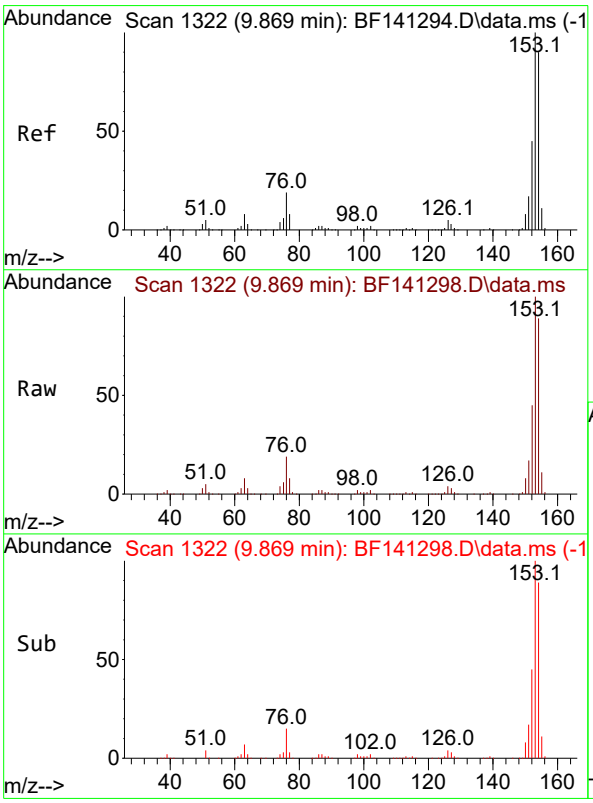
#51
2,6-Dinitrotoluene
Concen: 37.459 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:165 Resp: 164343

Ion	Ratio	Lower	Upper
165	100		
63	59.9	48.1	72.1
89	54.7	44.9	67.3

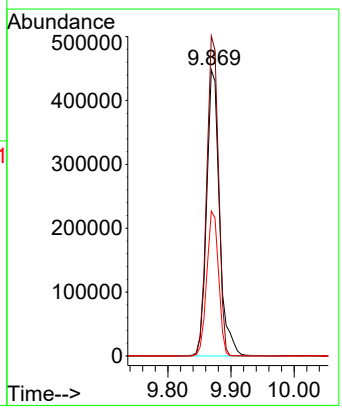


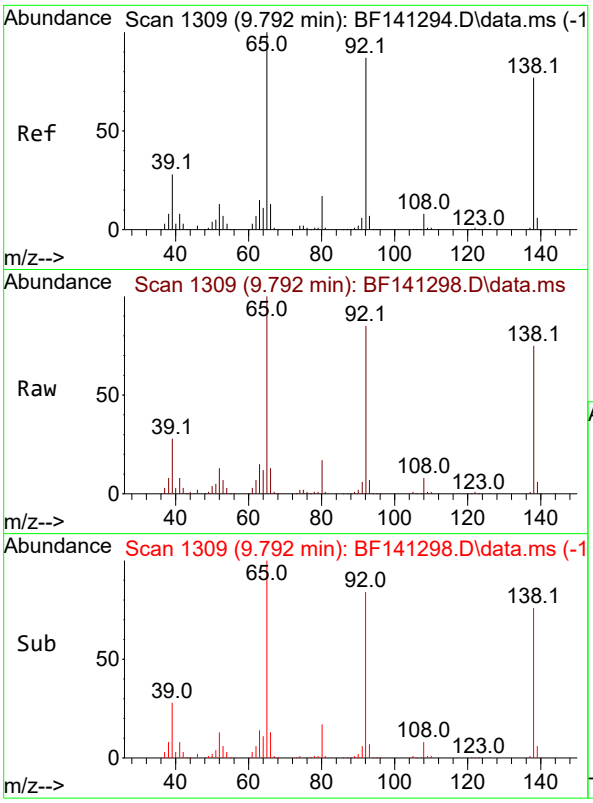


#52
Acenaphthene
Concen: 37.206 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:154 Resp: 632756

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.0	133.4
152	50.6	40.2	60.4



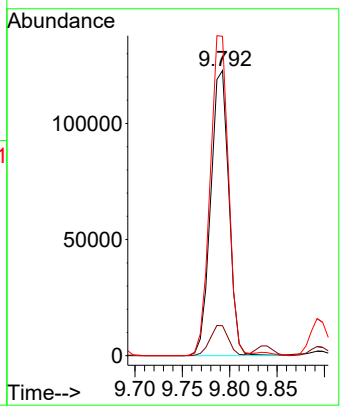


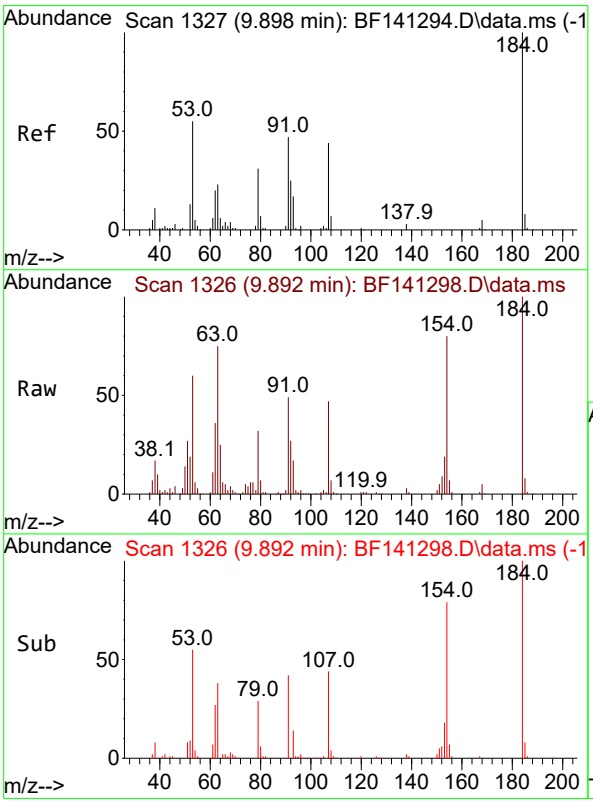
#53
3-Nitroaniline
Concen: 38.150 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:138 Resp: 164042

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	112.1	91.0	136.6

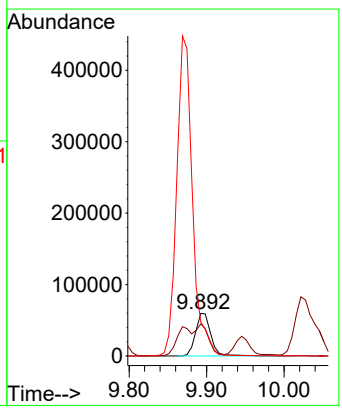


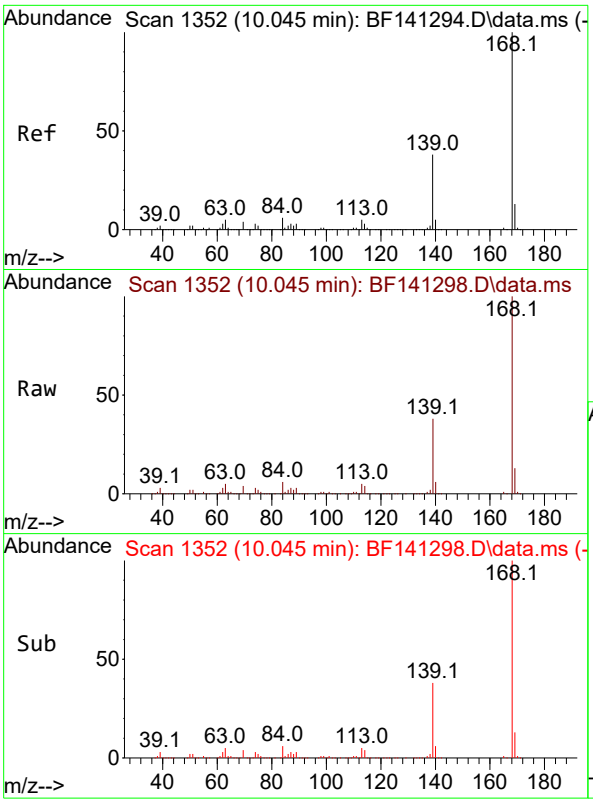


#54
2,4-Dinitrophenol
Concen: 39.734 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:184 Resp: 81034

Ion	Ratio	Lower	Upper
184	100		
63	75.3	54.1	81.1
154	79.6	50.7	76.1#



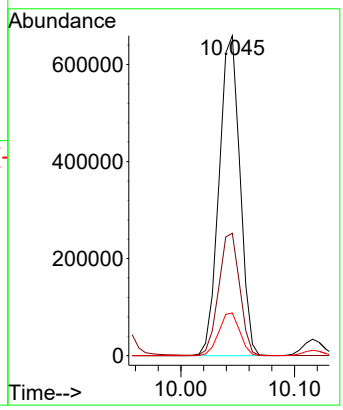


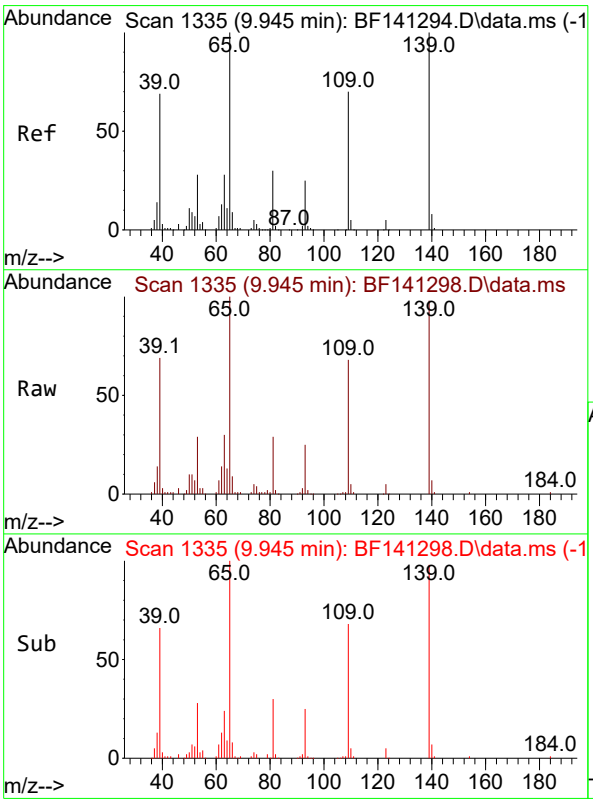
#55
Dibenzofuran
Concen: 37.012 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:168 Resp: 842555

Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.6	46.0
169	13.4	10.8	16.2

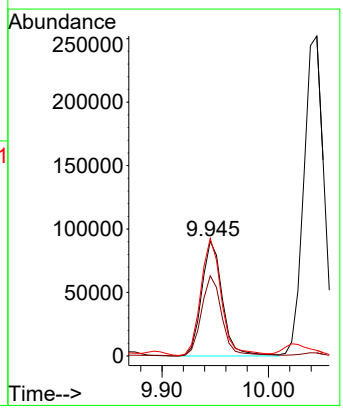


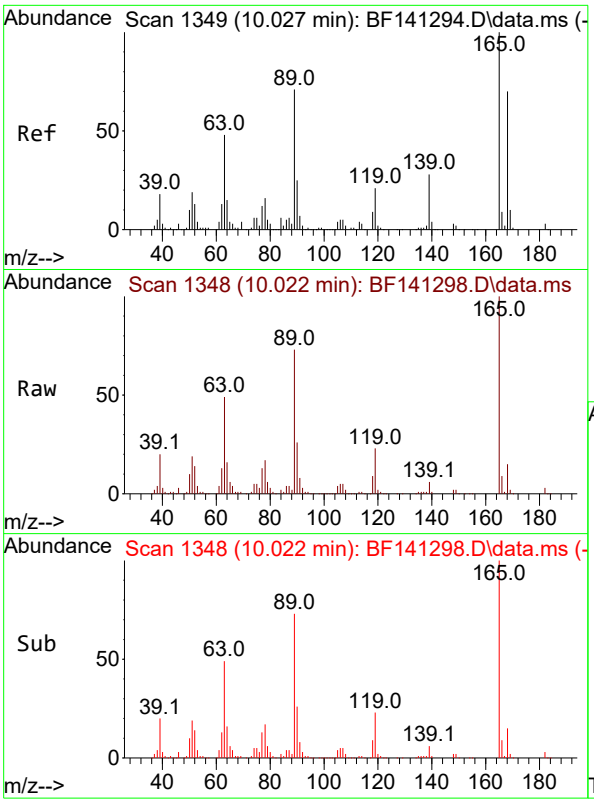


#56
4-Nitrophenol
Concen: 39.089 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:139 Resp: 122925

Ion	Ratio	Lower	Upper
139	100		
109	69.7	50.2	90.2
65	102.4	80.6	120.6



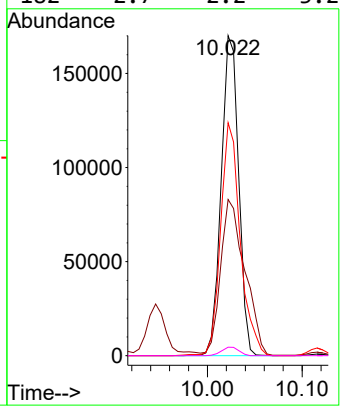


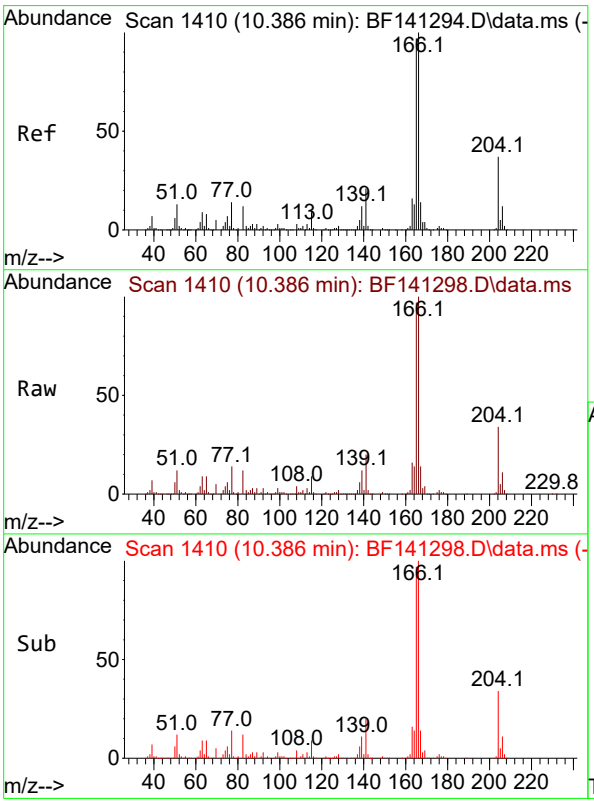
#57
2,4-Dinitrotoluene
Concen: 38.327 ng
RT: 10.022 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:165 Resp: 217705

Ion	Ratio	Lower	Upper
165	100		
63	48.8	39.2	58.8
89	72.8	56.9	85.3
182	2.7	2.2	3.2

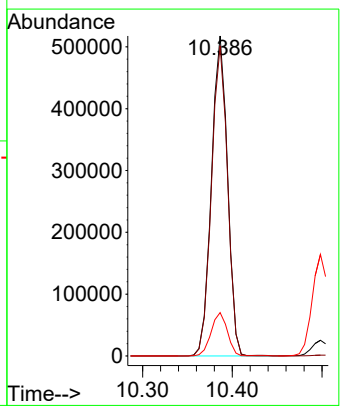


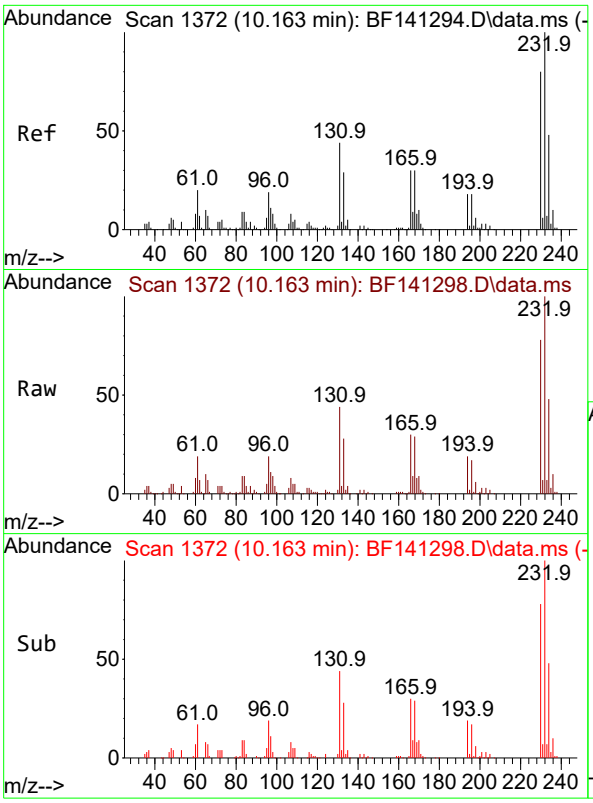


#58
Fluorene
Concen: 36.451 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:166 Resp: 643639

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.5	116.3
167	13.6	10.9	16.3



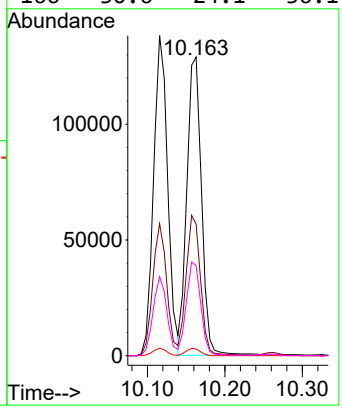


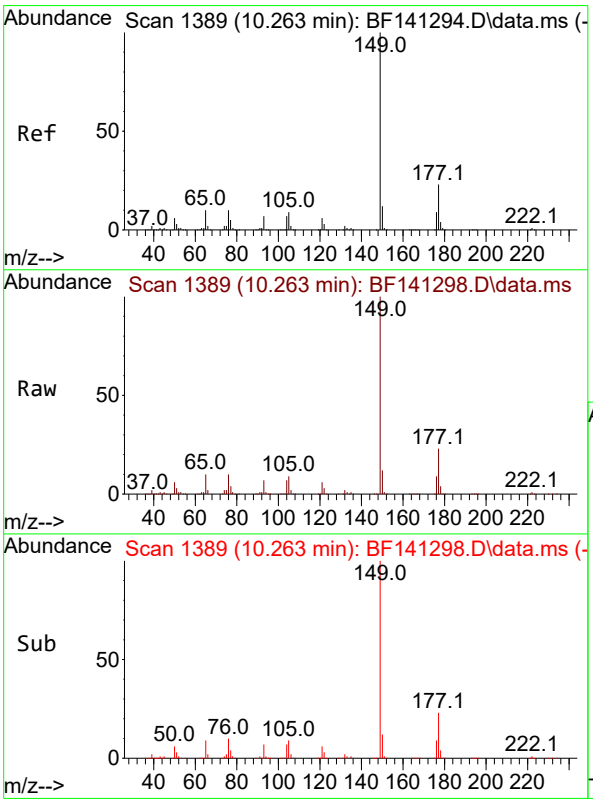
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.902 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:232 Resp: 169067

Ion	Ratio	Lower	Upper
232	100		
131	46.5	36.4	54.6
130	2.4	1.9	2.9
166	30.6	24.1	36.1

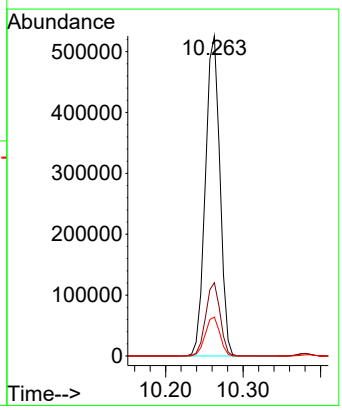


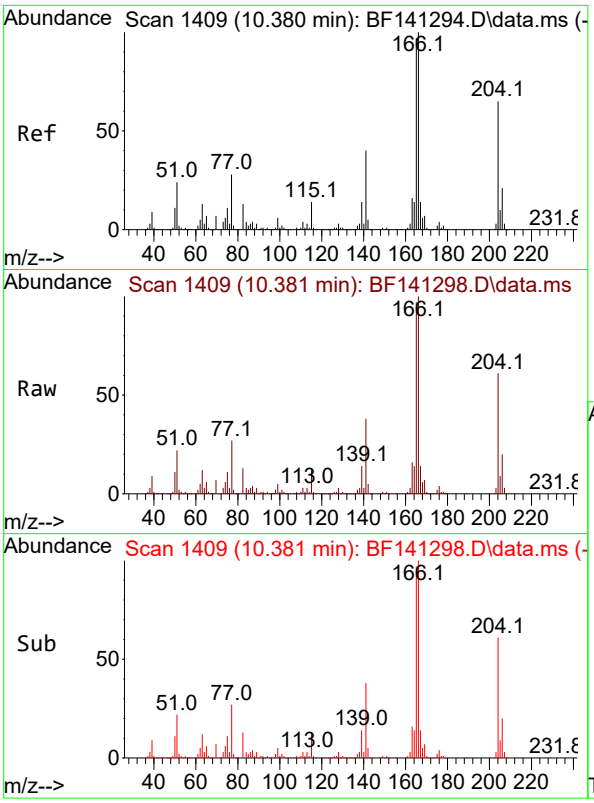


#60
Diethylphthalate
Concen: 37.316 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 683674

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.1	10.0	15.0



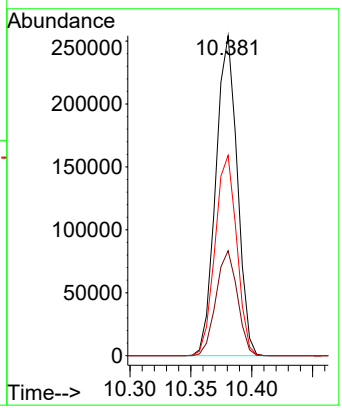


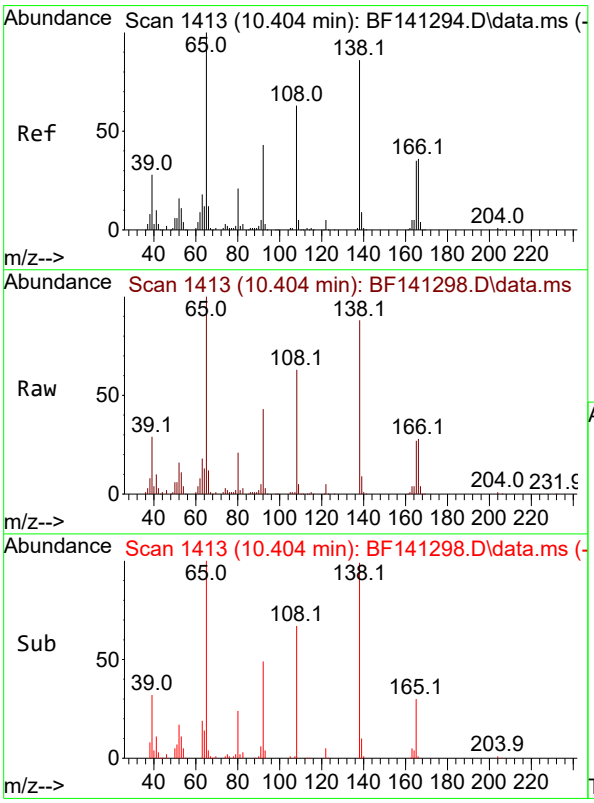
#61
4-Chlorophenyl-phenylether
Concen: 36.180 ng
RT: 10.381 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:204 Resp: 312065

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	62.6	49.5	74.3

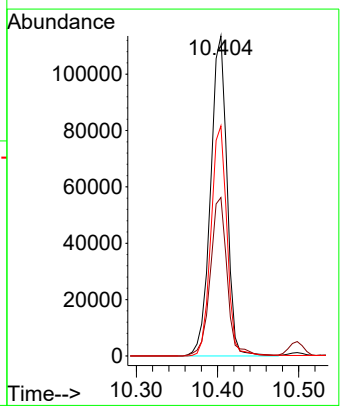


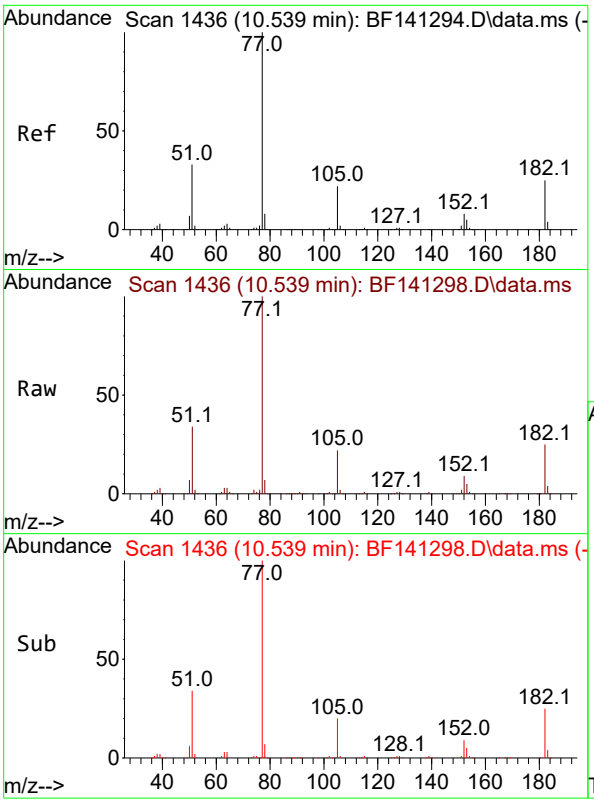


#62
4-Nitroaniline
Concen: 37.665 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:138 Resp: 159227

Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.1	70.1
108	71.9	53.1	93.1



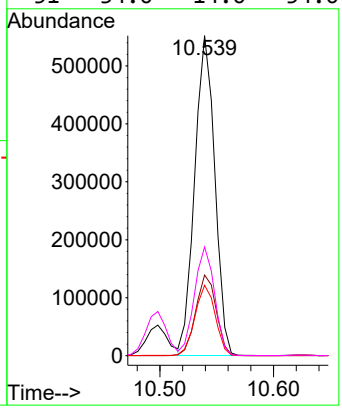


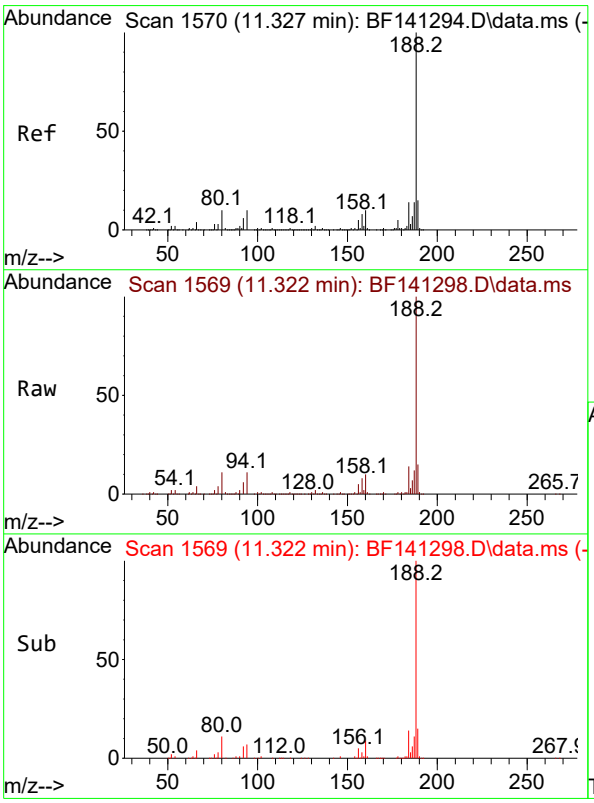
#63
Azobenzene
Concen: 37.020 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion: 77 Resp: 678905

Ion	Ratio	Lower	Upper
77	100		
182	25.2	5.1	45.1
105	22.0	1.8	41.8
51	34.0	14.0	54.0

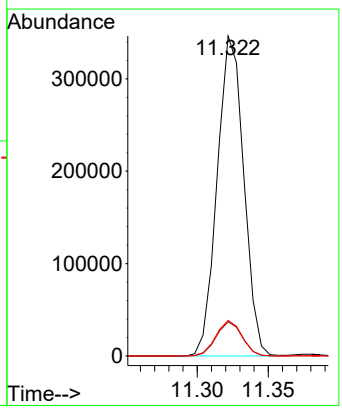


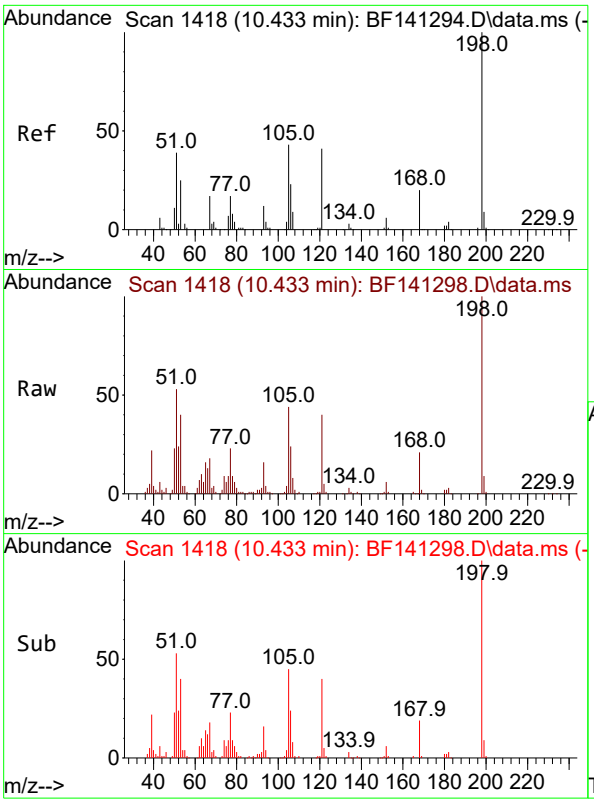


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:188 Resp: 450291

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.1	8.2	12.4



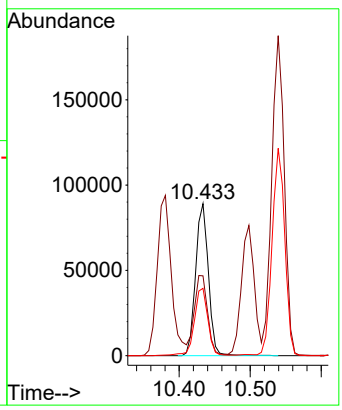


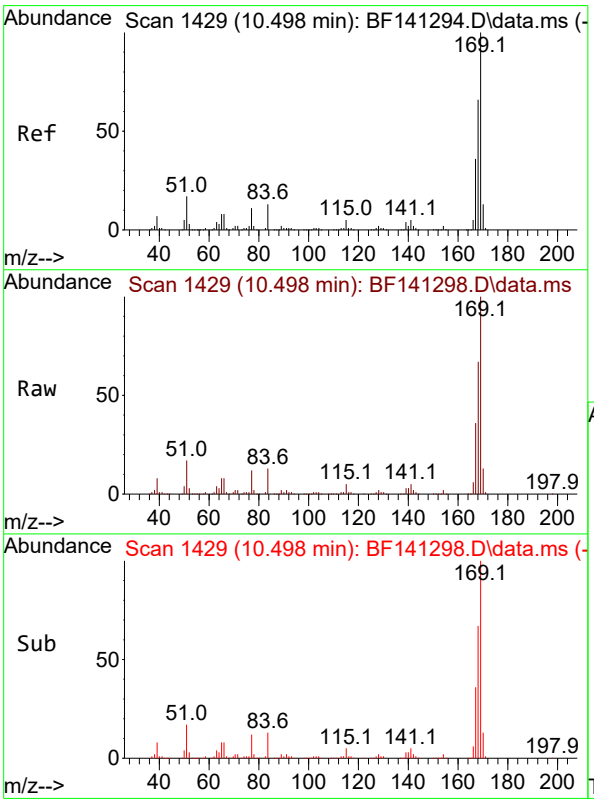
#65
4,6-Dinitro-2-methylphenol
Concen: 41.913 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:198 Resp: 111635

Ion	Ratio	Lower	Upper
198	100		
51	52.5	33.4	73.4
105	44.4	24.4	64.4

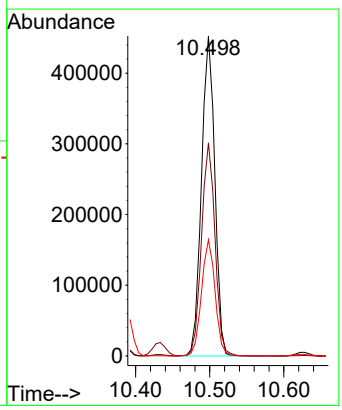


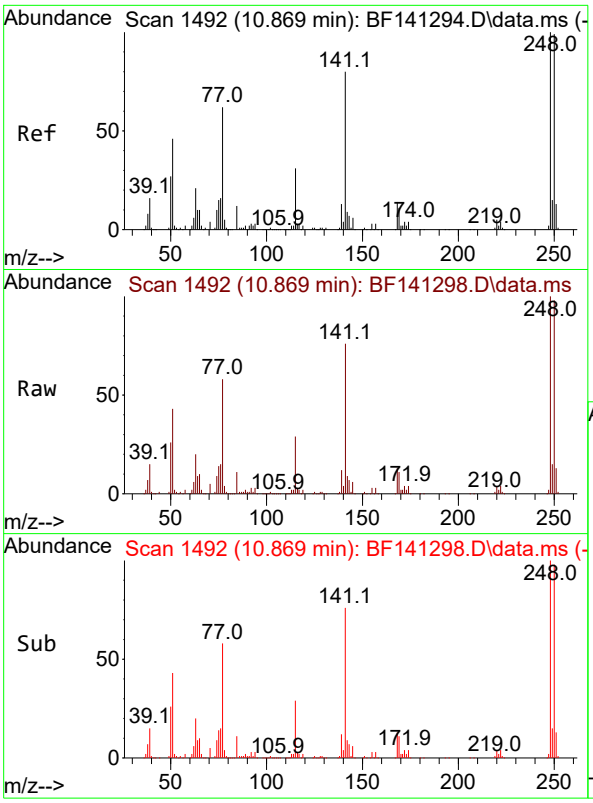


#66
n-Nitrosodiphenylamine
Concen: 38.757 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:169 Resp: 564452

Ion	Ratio	Lower	Upper
169	100		
168	66.6	53.0	79.4
167	36.3	28.8	43.2



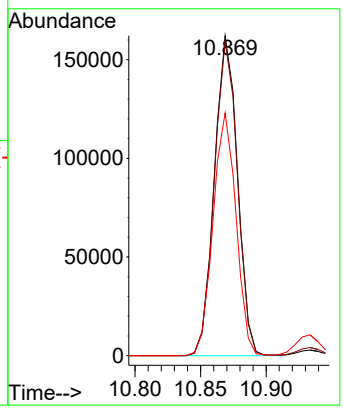


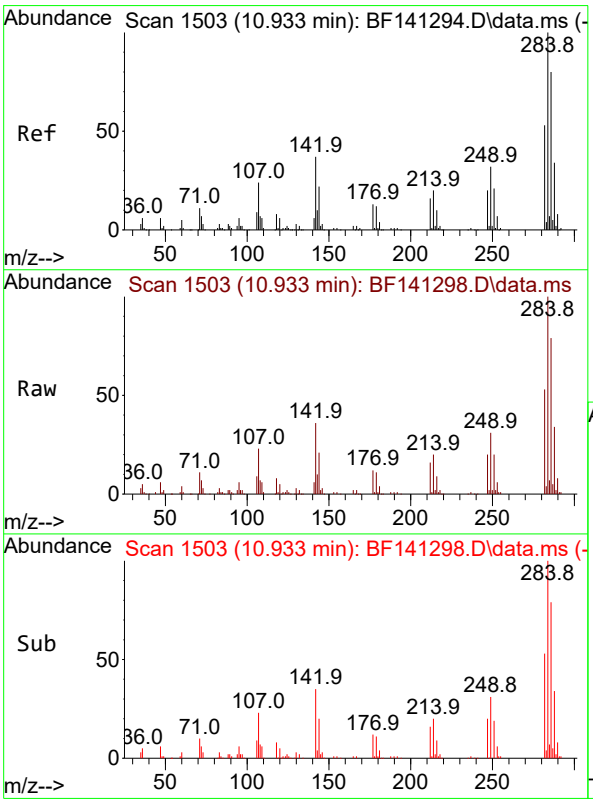
#67
4-Bromophenyl-phenylether
Concen: 39.477 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:248 Resp: 199009

Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.0	118.4
141	75.9	63.7	95.5

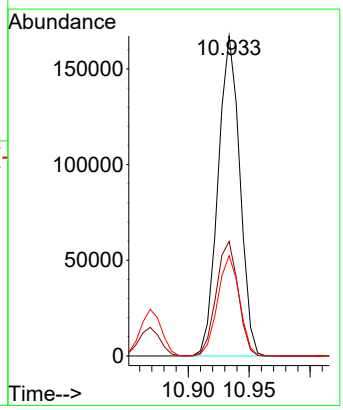


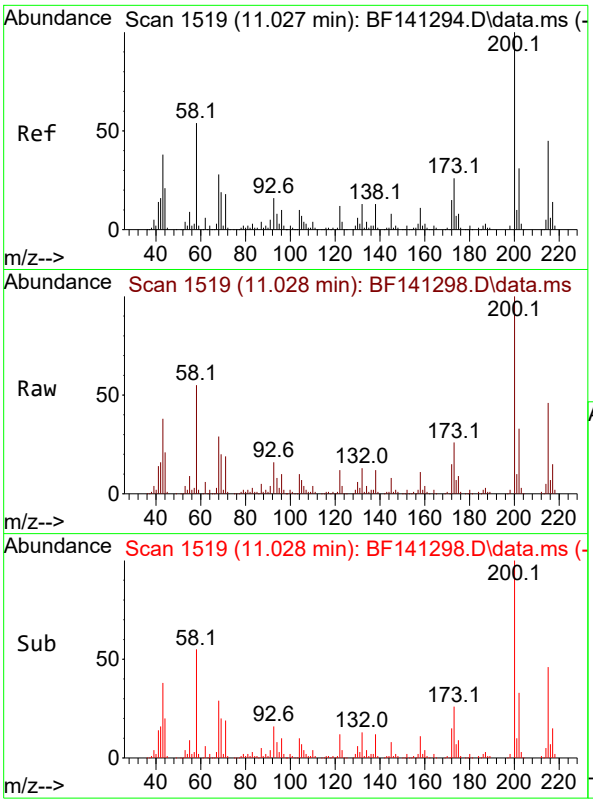


#68
Hexachlorobenzene
Concen: 38.929 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:284 Resp: 208171

Ion	Ratio	Lower	Upper
284	100		
142	35.8	29.5	44.3
249	31.3	25.4	38.2



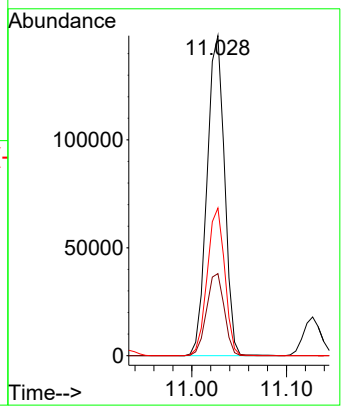


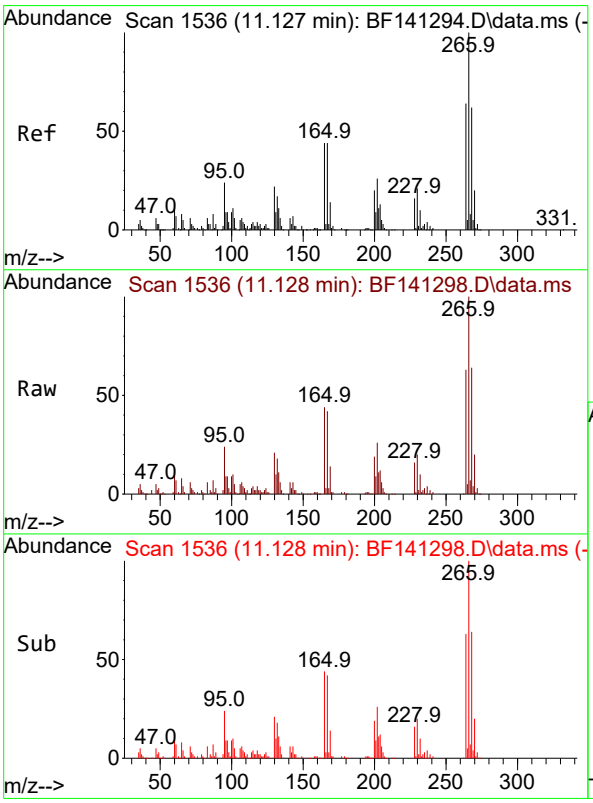
#69
Atrazine
Concen: 39.215 ng
RT: 11.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:200 Resp: 190958

Ion	Ratio	Lower	Upper
200	100		
173	25.7	5.9	45.9
215	46.1	25.2	65.2

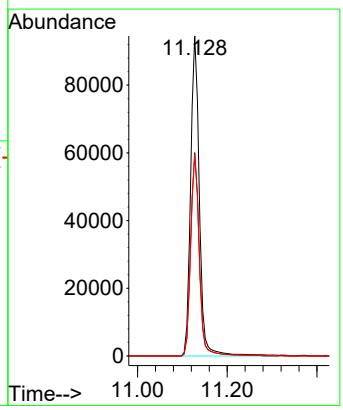


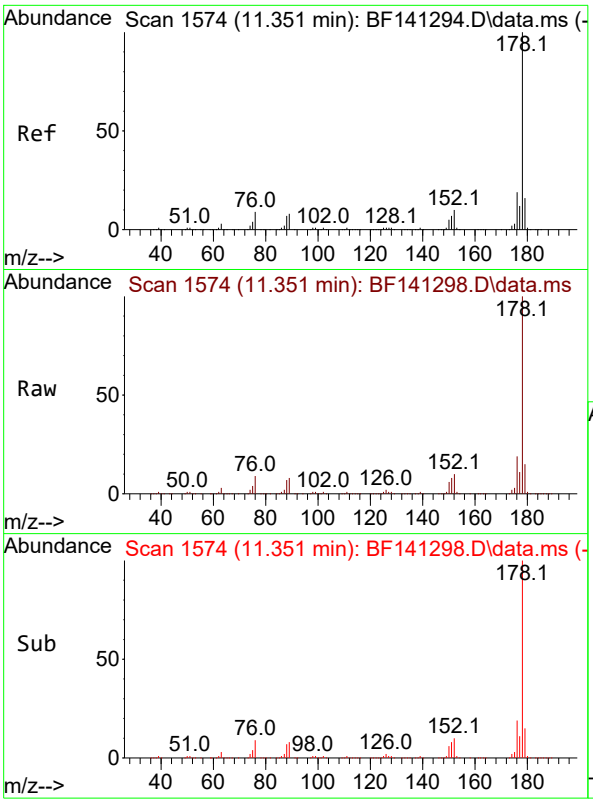


#70
Pentachlorophenol
Concen: 40.973 ng
RT: 11.128 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:266 Resp: 128300

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.9	74.9
264	63.0	51.0	76.4



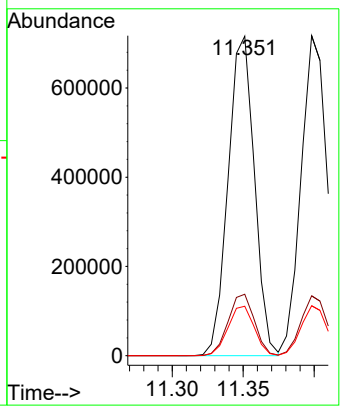


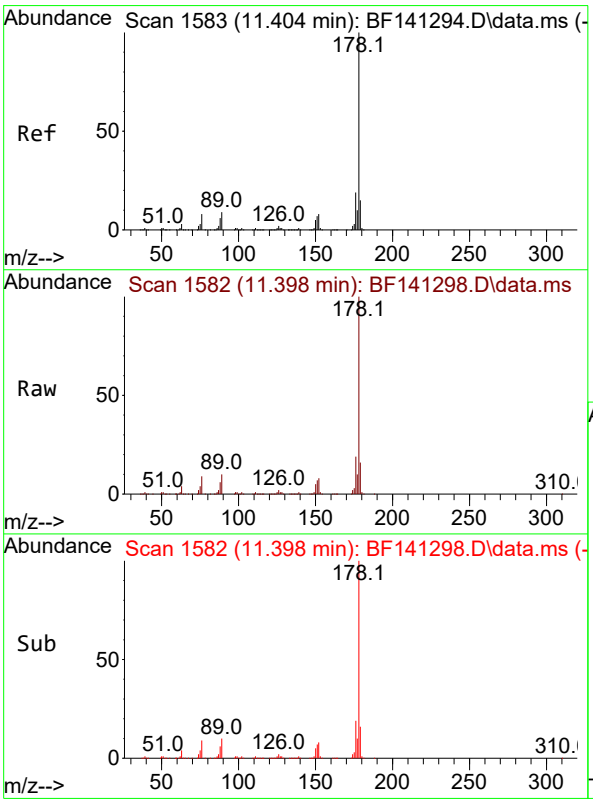
#71
Phenanthrene
Concen: 38.117 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:178 Resp: 922625

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.5	12.5	18.7

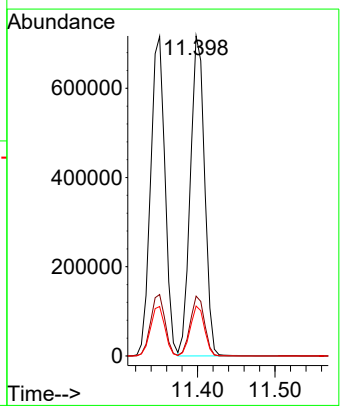


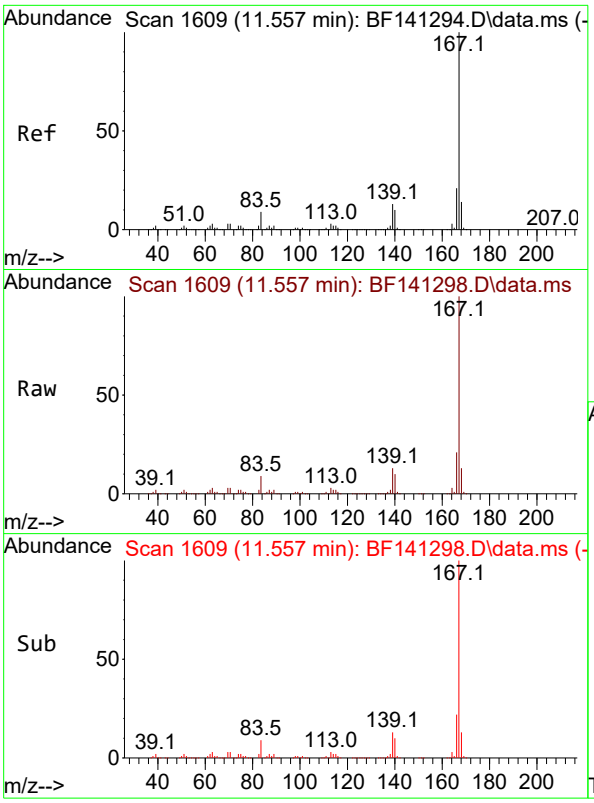


#72
Anthracene
Concen: 38.484 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:178 Resp: 912703

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5



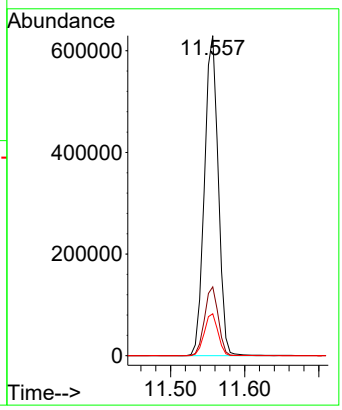


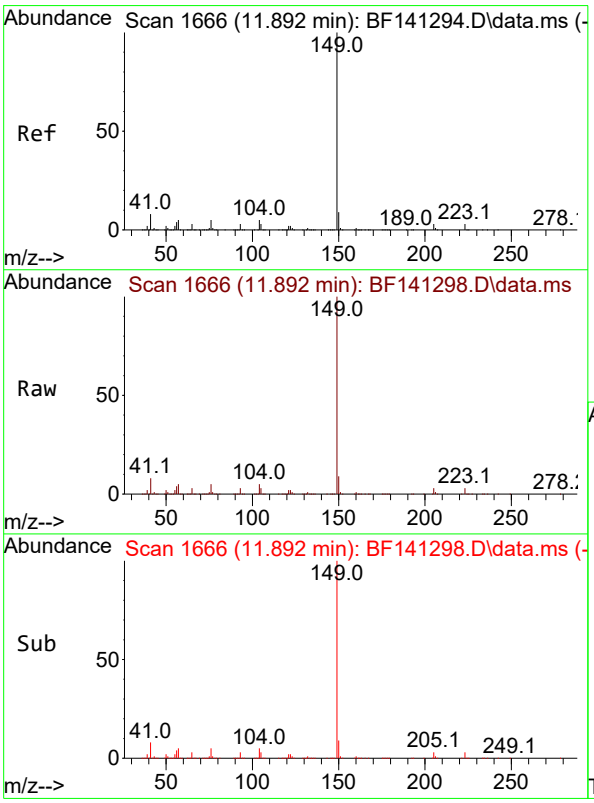
#73
Carbazole
Concen: 38.661 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:167 Resp: 813036

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.1	10.6	16.0

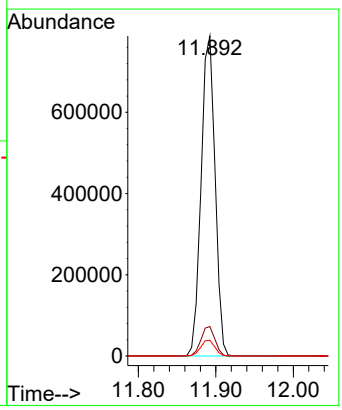


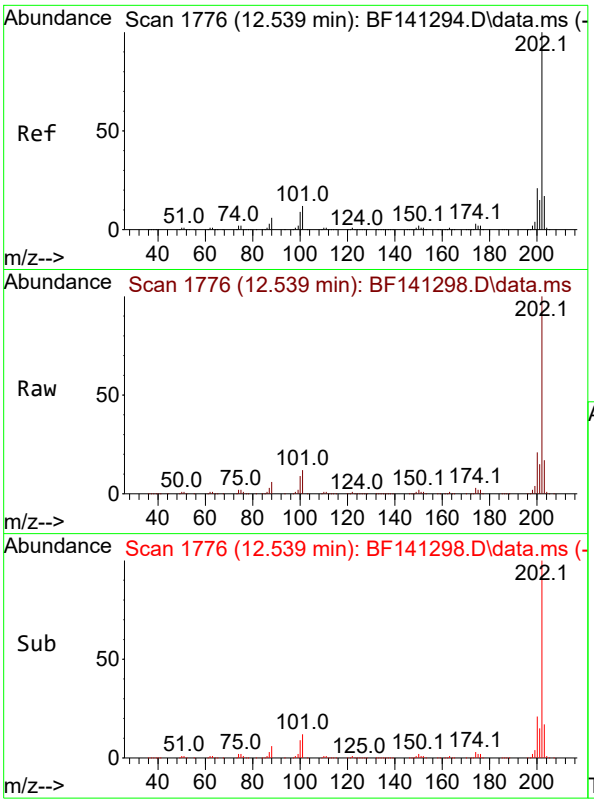


#74
Di-n-butylphthalate
Concen: 38.639 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 984759

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.9	3.9	5.9



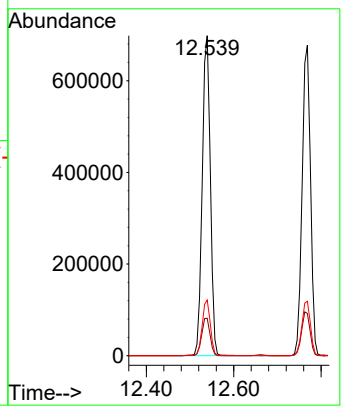


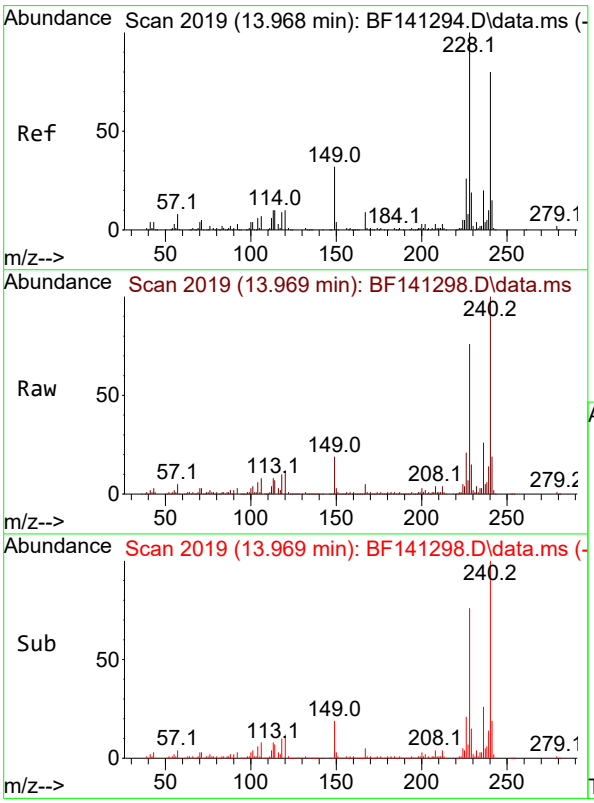
#75
Fluoranthene
Concen: 37.768 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:202 Resp: 902637

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.7
203	17.4	0.0	37.5

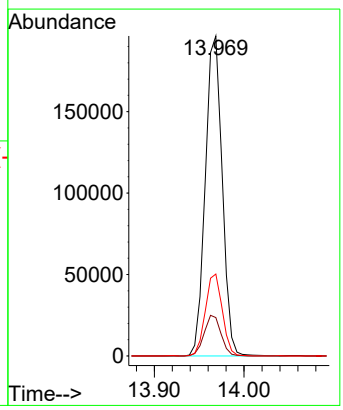


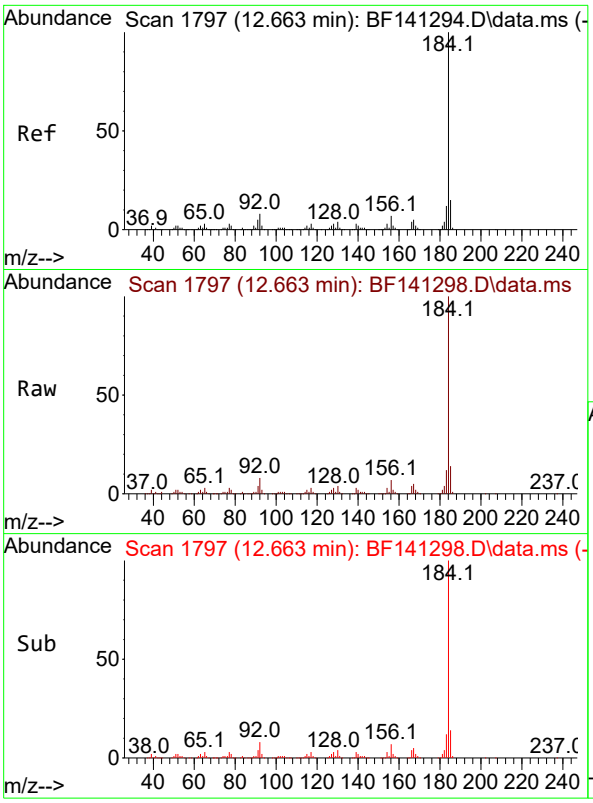


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:240 Resp: 257177

Ion	Ratio	Lower	Upper
240	100		
120	12.0	10.0	15.0
236	25.6	19.7	29.5



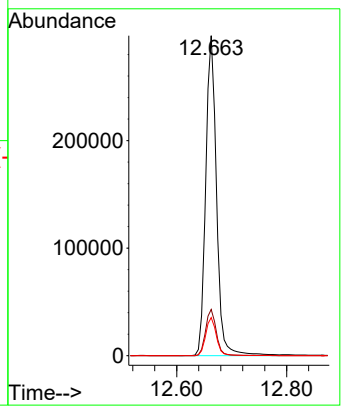


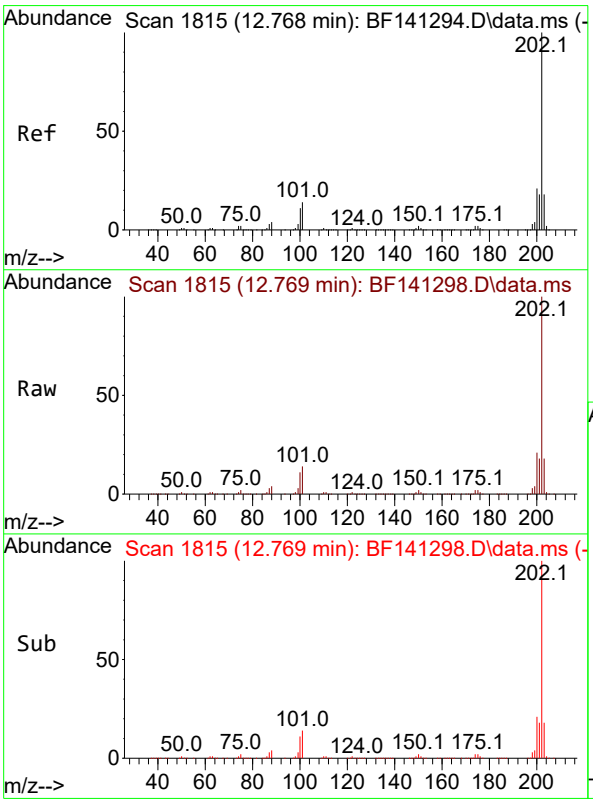
#77
Benzidine
Concen: 49.142 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:184 Resp: 405163

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.9	9.5	14.3

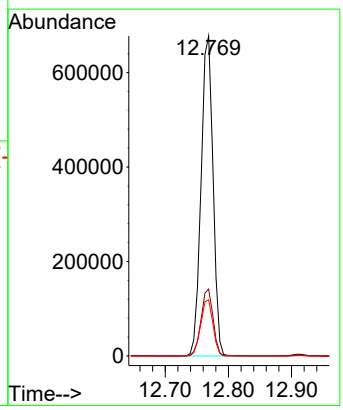


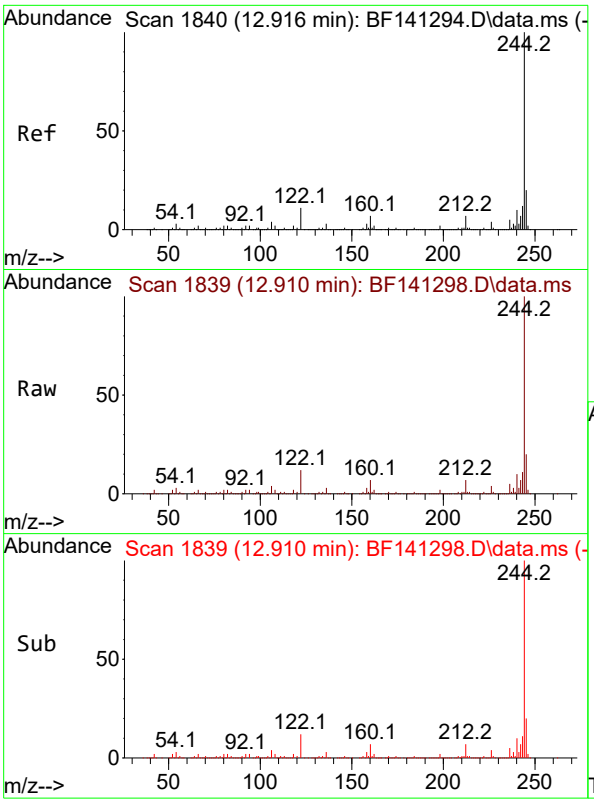


#78
Pyrene
Concen: 36.225 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:202 Resp: 894269

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	17.5	14.3	21.5



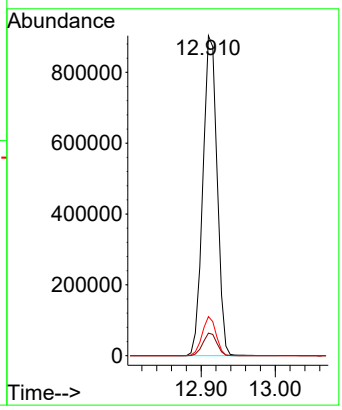


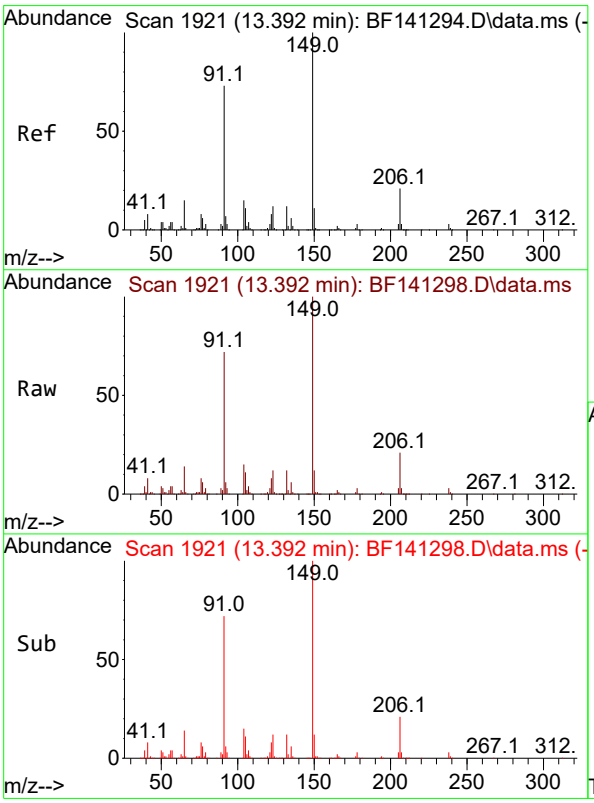
#79
Terphenyl-d14
Concen: 72.460 ng
RT: 12.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:244 Resp: 1208358

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.2	8.8	13.2

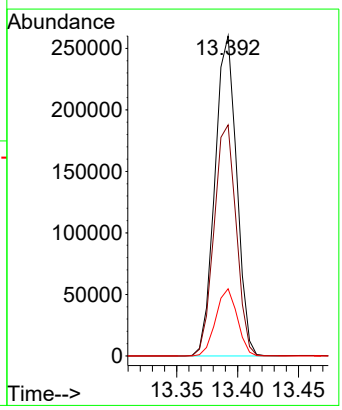


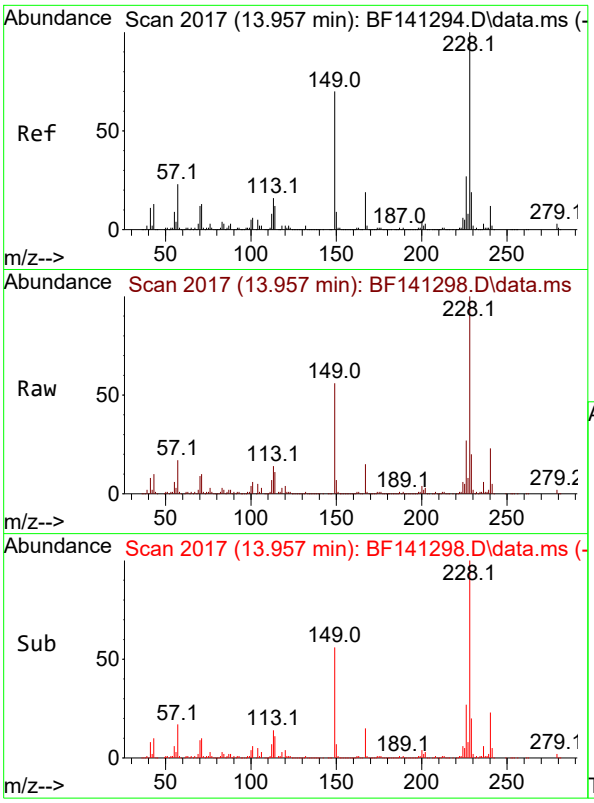


#80
Butylbenzylphthalate
Concen: 37.660 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 324793

Ion	Ratio	Lower	Upper
149	100		
91	72.2	58.6	87.8
206	21.0	16.7	25.1



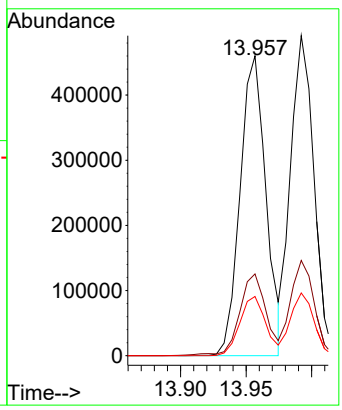


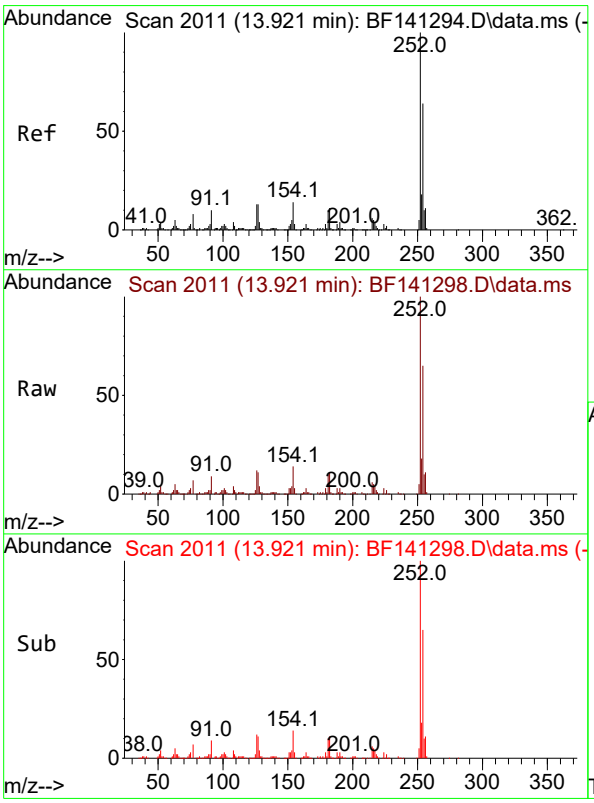
#81
Benzo(a)anthracene
Concen: 35.587 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:228 Resp: 631556

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.7	15.5	23.3

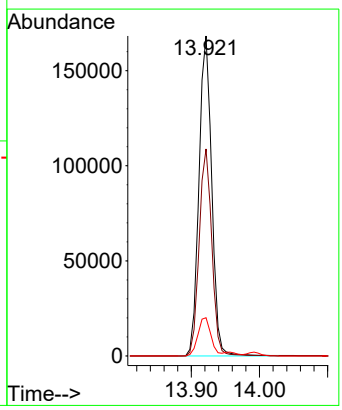


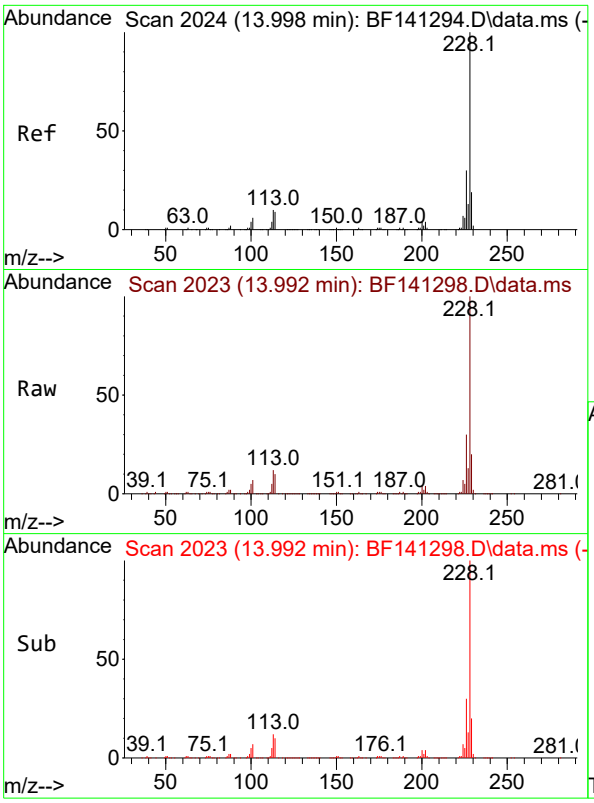


#82
3,3'-Dichlorobenzidine
Concen: 38.774 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 218850

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	12.0	10.0	15.0



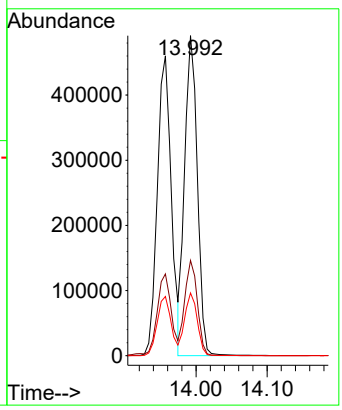


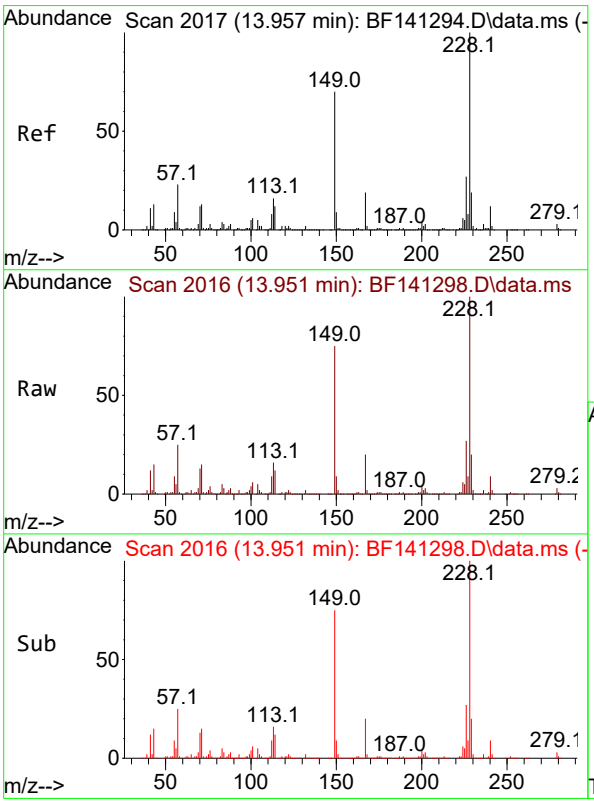
#83
Chrysene
Concen: 37.508 ng
RT: 13.992 min Scan# 2(
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:228 Resp: 610038

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.6	15.6	23.4

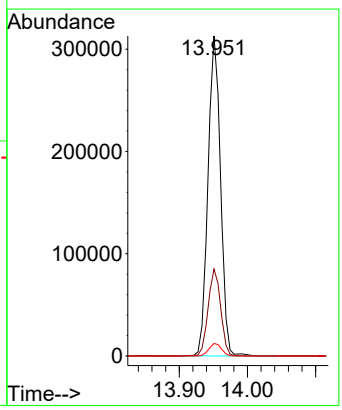


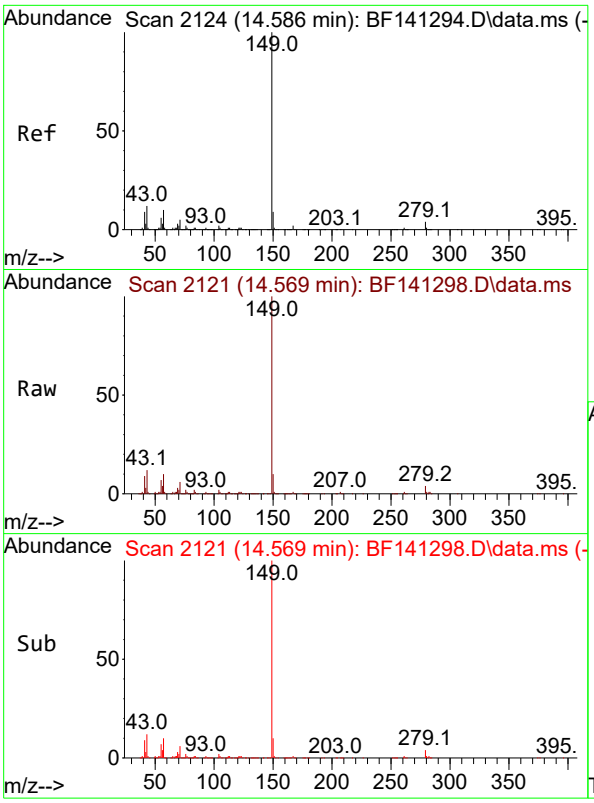


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.620 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:149 Resp: 400642

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.8
279	3.9	3.3	4.9



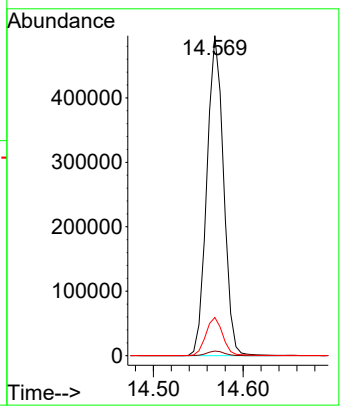


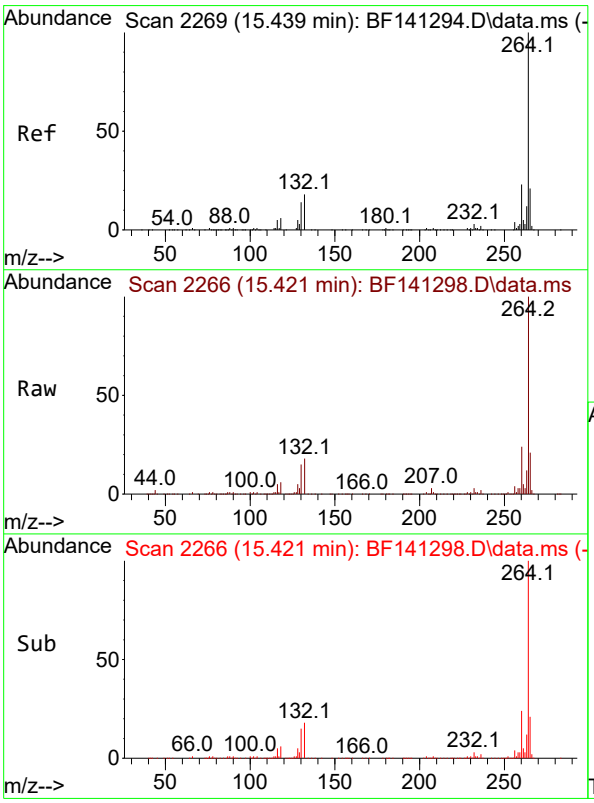
#85
Di-n-octyl phthalate
Concen: 37.807 ng
RT: 14.569 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:149 Resp: 642439

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8

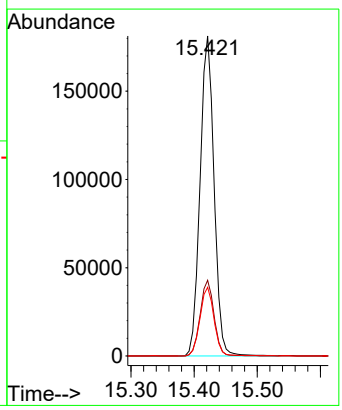


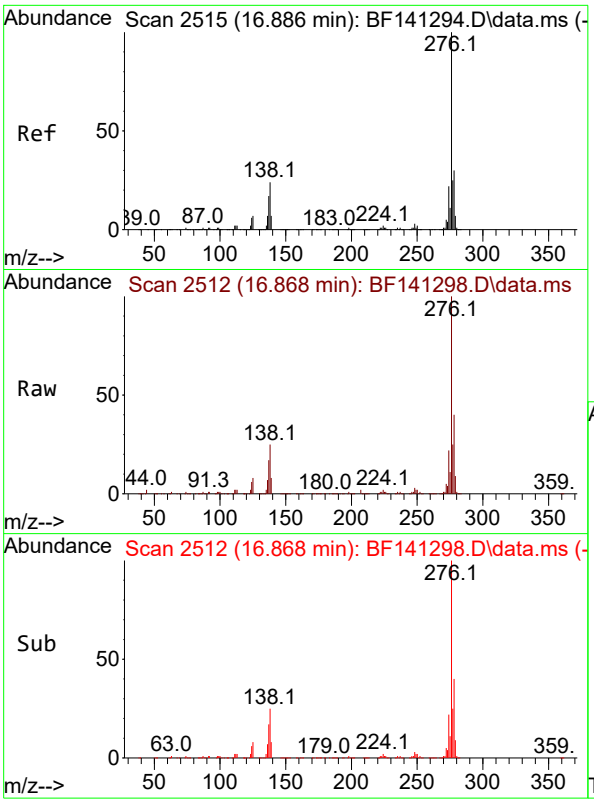


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:264 Resp: 279455

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.5	16.7	25.1



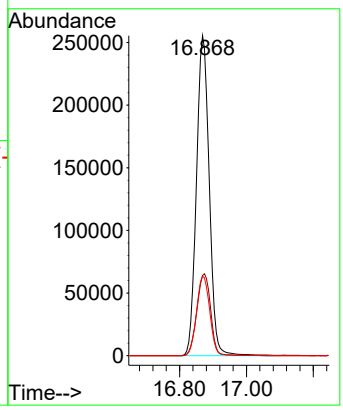


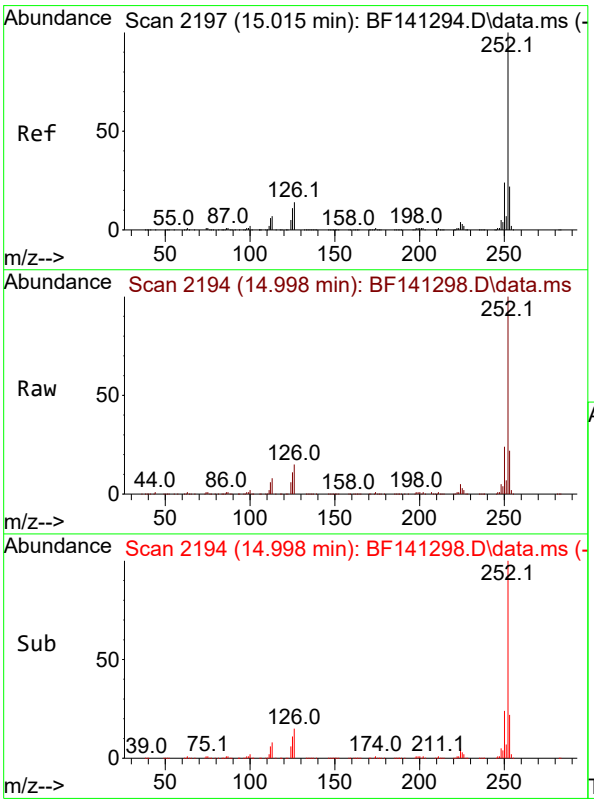
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.626 ng
RT: 16.868 min Scan# 2
Delta R.T. -0.029 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:276 Resp: 678653

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	25.7	20.3	30.5

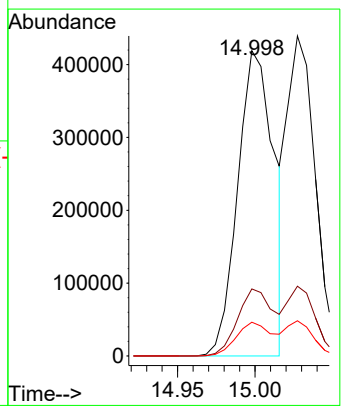


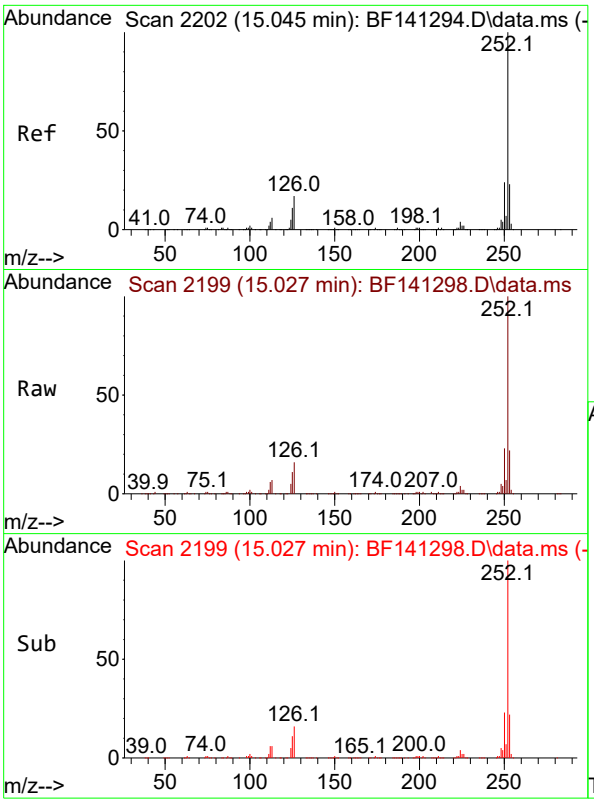


#88
Benzo(b)fluoranthene
Concen: 38.861 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 683111

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	11.0	8.6	12.8



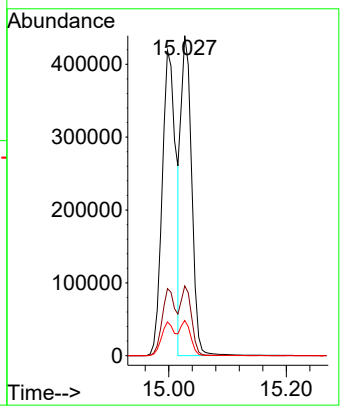


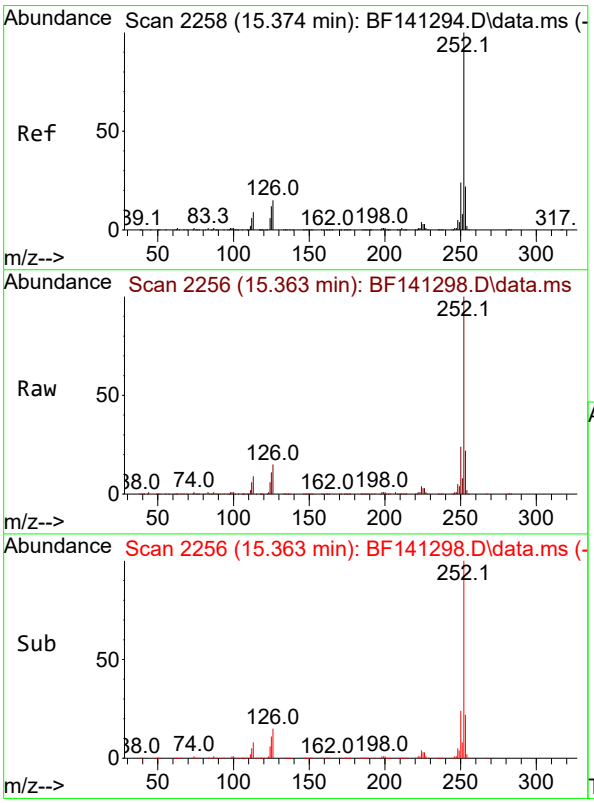
#89
Benzo(k)fluoranthene
Concen: 35.766 ng
RT: 15.027 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:252 Resp: 556960

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	11.0	8.4	12.6

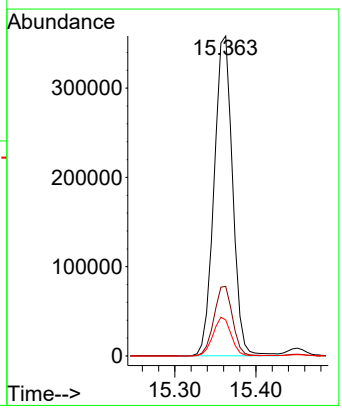


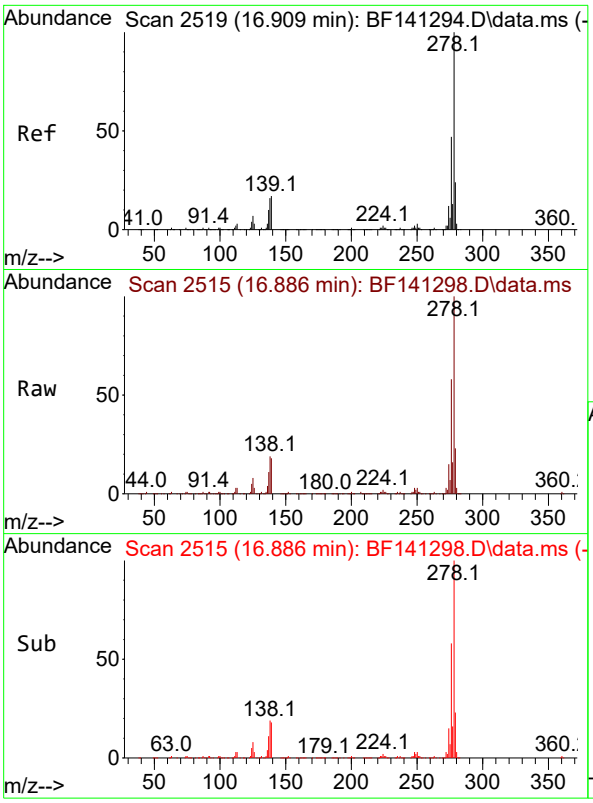


#90
Benzo(a)pyrene
Concen: 38.209 ng
RT: 15.363 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:252 Resp: 567574

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	9.4	14.2



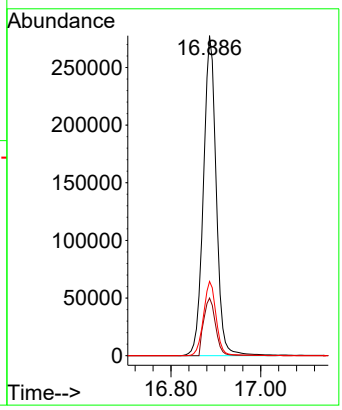


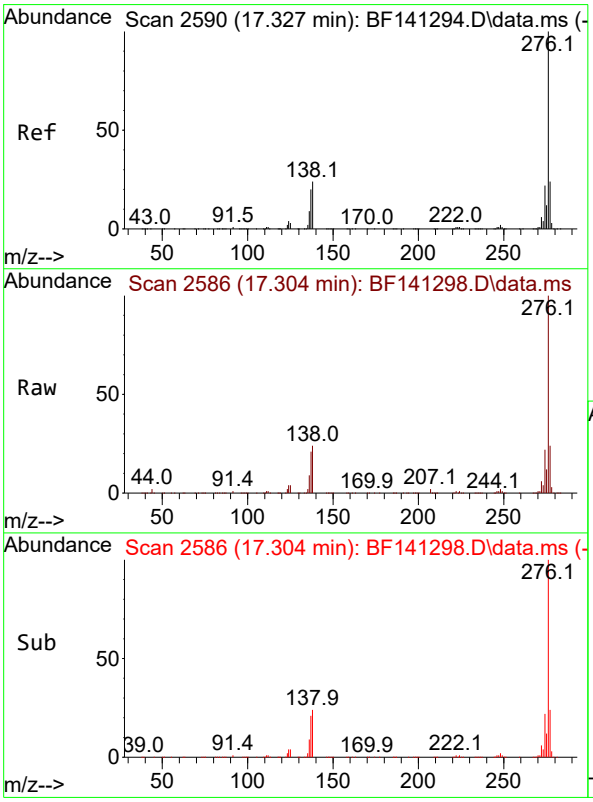
#91
Dibenzo(a,h)anthracene
Concen: 38.007 ng
RT: 16.886 min Scan# 2
Delta R.T. -0.035 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Instrument :
BNA_F
ClientSampleId :
ICVBF012925

Tgt Ion:278 Resp: 551534

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.9	20.9
279	23.2	18.8	28.2

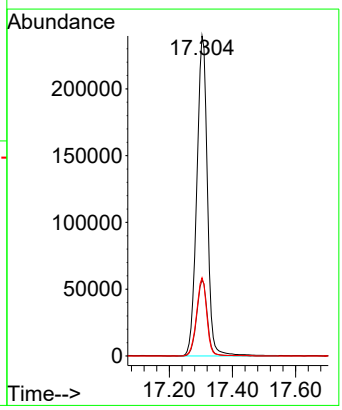




#92
Benzo(g,h,i)perylene
Concen: 37.101 ng
RT: 17.304 min Scan# 2586
Delta R.T. -0.041 min
Lab File: BF141298.D
Acq: 29 Jan 2025 17:31

Tgt Ion:276 Resp: 559807

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.4	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	153783	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	597989	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	319509	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	533134	20.000	ng	0.00
76) Chrysene-d12	13.968	240	330369	20.000	ng	0.00
86) Perylene-d12	15.421	264	300994	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	727699	72.646	ng	0.00
7) Phenol-d6	6.428	99	939281	73.709	ng	-0.01
23) Nitrobenzene-d5	7.363	82	838341	73.905	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	222491	75.957	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1447765	69.744	ng	0.00
79) Terphenyl-d14	12.916	244	1506599	70.329	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	161539	36.668	ng	100
3) Pyridine	3.210	79	407942	38.432	ng	100
4) n-Nitrosodimethylamine	3.169	42	229431	37.837	ng	100
6) Aniline	6.463	93	412360	38.228	ng	99
8) 2-Chlorophenol	6.581	128	397525	37.025	ng	99
9) Benzaldehyde	6.345	77	275501	37.325	ng	99
10) Phenol	6.439	94	500772	37.071	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	379050	36.597	ng	99
12) 1,3-Dichlorobenzene	6.739	146	432517	36.536	ng	99
13) 1,4-Dichlorobenzene	6.816	146	436984	36.744	ng	98
14) 1,2-Dichlorobenzene	6.969	146	401611	36.064	ng	99
15) Benzyl Alcohol	6.939	79	324647	37.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	664022	36.868	ng	100
17) 2-Methylphenol	7.051	107	313777	35.959	ng	99
18) Hexachloroethane	7.310	117	160992	36.695	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	269514	35.594	ng	98
20) 3+4-Methylphenols	7.204	107	391525	36.543	ng	97
22) Acetophenone	7.210	105	507679	35.716	ng	98
24) Nitrobenzene	7.381	77	435929	37.084	ng	100
25) Isophorone	7.622	82	727240	37.088	ng	99
26) 2-Nitrophenol	7.698	139	211813	38.206	ng	100
27) 2,4-Dimethylphenol	7.734	122	249010	35.288	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	461125	36.868	ng	100
29) 2,4-Dichlorophenol	7.939	162	318650	36.886	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	358109	36.298	ng	100
31) Naphthalene	8.104	128	1149392	36.385	ng	100
32) Benzoic acid	7.851	122	268867	41.447	ng	99
33) 4-Chloroaniline	8.151	127	392588	36.648	ng	99
34) Hexachlorobutadiene	8.222	225	212997	36.815	ng	99
35) Caprolactam	8.522	113	106833	37.866	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	344864	37.217	ng	98
37) 2-Methylnaphthalene	8.792	142	728000	36.258	ng	99
38) 1-Methylnaphthalene	8.892	142	710737	36.036	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	331758	36.498	ng	100
41) Hexachlorocyclopentadiene	8.945	237	106090	39.520	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	223224	37.520	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

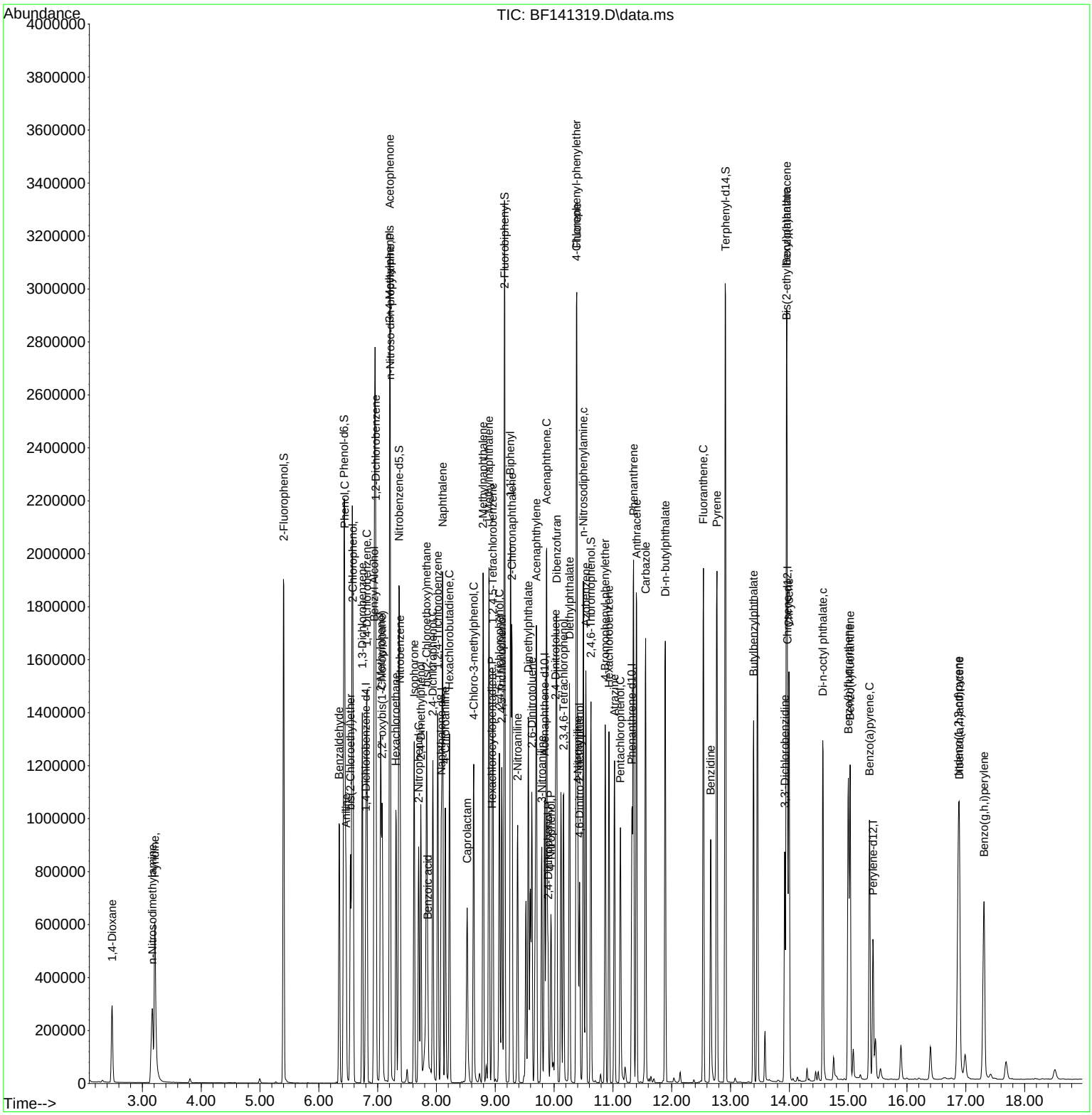
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	237426	36.666	ng	99
46) 1,1'-Biphenyl	9.257	154	897425	36.015	ng	100
47) 2-Chloronaphthalene	9.281	162	696645	35.869	ng	99
48) 2-Nitroaniline	9.380	65	233710	38.256	ng	98
49) Acenaphthylene	9.698	152	980054	36.048	ng	99
50) Dimethylphthalate	9.563	163	789847	36.602	ng	99
51) 2,6-Dinitrotoluene	9.622	165	188139	37.549	ng	99
52) Acenaphthene	9.875	154	714359	36.779	ng	100
53) 3-Nitroaniline	9.792	138	187747	38.231	ng	100
54) 2,4-Dinitrophenol	9.898	184	95612	41.050	ng	99
55) Dibenzofuran	10.045	168	945339	36.361	ng	100
56) 4-Nitrophenol	9.945	139	142865	39.779	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247489	38.150	ng	99
58) Fluorene	10.386	166	723204	35.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	197432	38.756	ng	99
60) Diethylphthalate	10.263	149	779087	37.235	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	356042	36.144	ng	99
62) 4-Nitroaniline	10.404	138	185062	38.331	ng	99
63) Azobenzene	10.539	77	778507	37.170	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	135268	42.895	ng	99
66) n-Nitrosodiphenylamine	10.498	169	643501	37.318	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	224498	37.613	ng	99
68) Hexachlorobenzene	10.933	284	237426	37.501	ng	100
69) Atrazine	11.027	200	203394	35.279	ng	98
70) Pentachlorophenol	11.127	266	157156	42.389	ng	99
71) Phenanthrene	11.351	178	1070271	37.346	ng	100
72) Anthracene	11.404	178	1060701	37.774	ng	100
73) Carbazole	11.557	167	947189	38.041	ng	99
74) Di-n-butylphthalate	11.892	149	1180612	39.126	ng	100
75) Fluoranthene	12.539	202	1112201	39.305	ng	100
77) Benzidine	12.663	184	508814	48.042	ng	99
78) Pyrene	12.769	202	1120815	35.343	ng	99
80) Butylbenzylphthalate	13.392	149	430451	38.853	ng	99
81) Benzo(a)anthracene	13.957	228	772115	33.869	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	258352	35.631	ng	100
83) Chrysene	13.992	228	763560	36.546	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	545048	38.782	ng	99
85) Di-n-octyl phthalate	14.568	149	843000	38.619	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	742134	38.201	ng	100
88) Benzo(b)fluoranthene	15.004	252	697649	36.848	ng	100
89) Benzo(k)fluoranthene	15.033	252	665836	39.698	ng	100
90) Benzo(a)pyrene	15.362	252	602926	37.684	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	594869	38.060	ng	99
92) Benzo(g,h,i)perylene	17.309	276	622871	38.327	ng	99

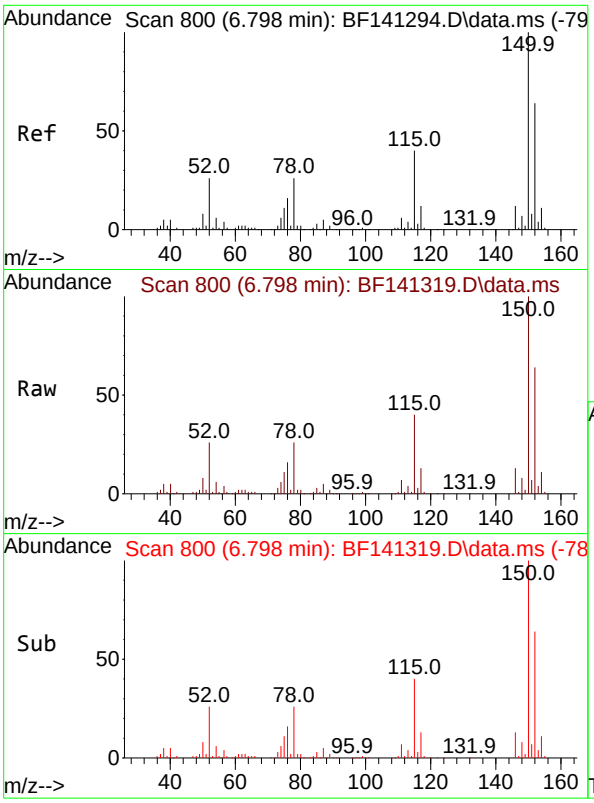
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141319.D
Acq On : 31 Jan 2025 09:22
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 31 10:53:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



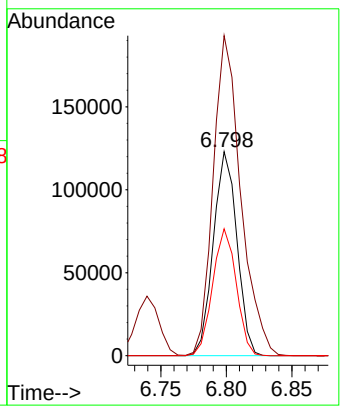


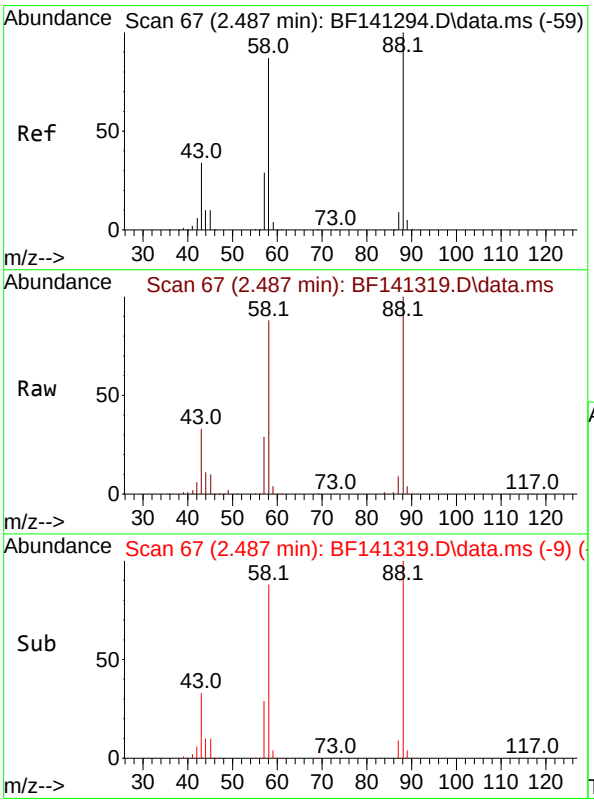
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 153783

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	62.2	49.7	74.5

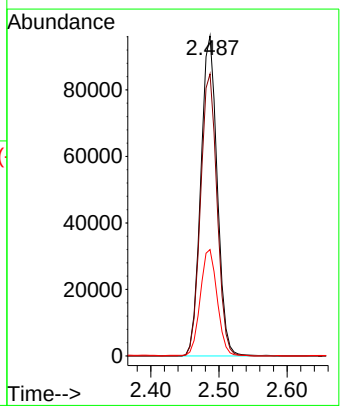


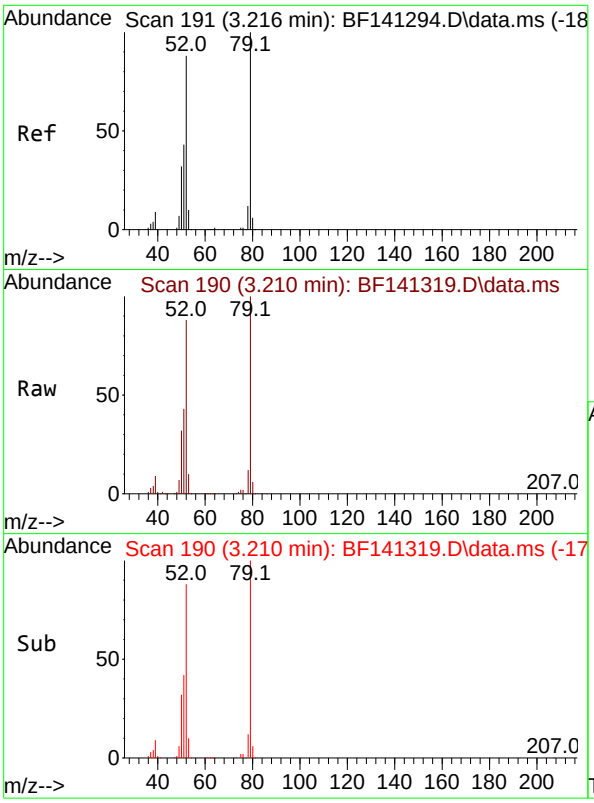


#2
1,4-Dioxane
Concen: 36.668 ng
RT: 2.487 min Scan# 67
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 88 Resp: 161539

Ion	Ratio	Lower	Upper
88	100		
58	88.2	70.2	105.4
43	34.3	27.6	41.4



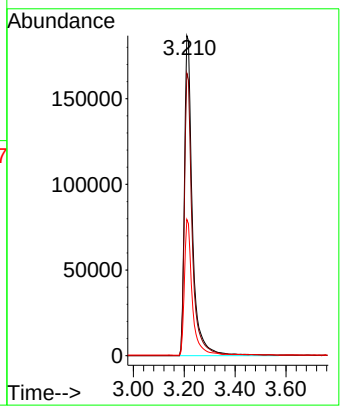


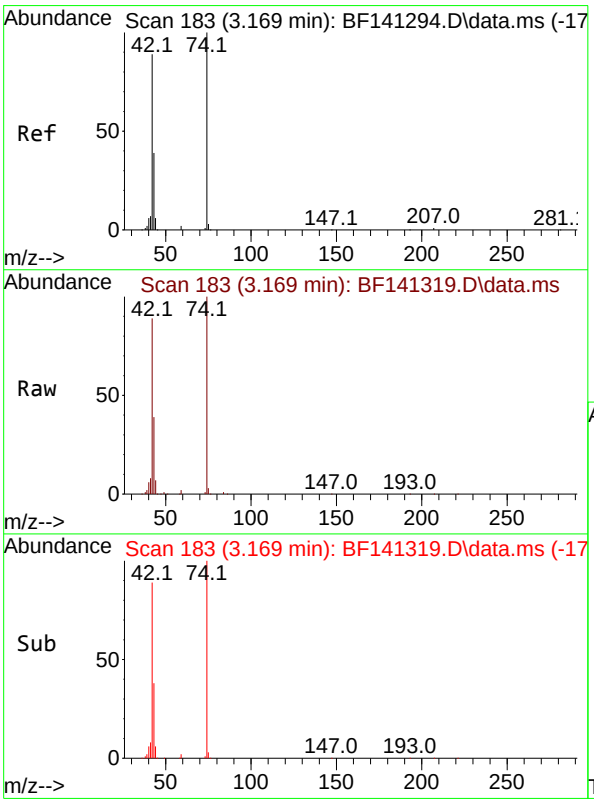
#3
Pyridine
Concen: 38.432 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 407942

Ion	Ratio	Lower	Upper
79	100		
52	88.3	70.3	105.5
51	42.5	34.3	51.5

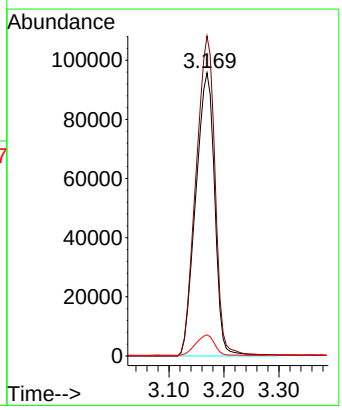


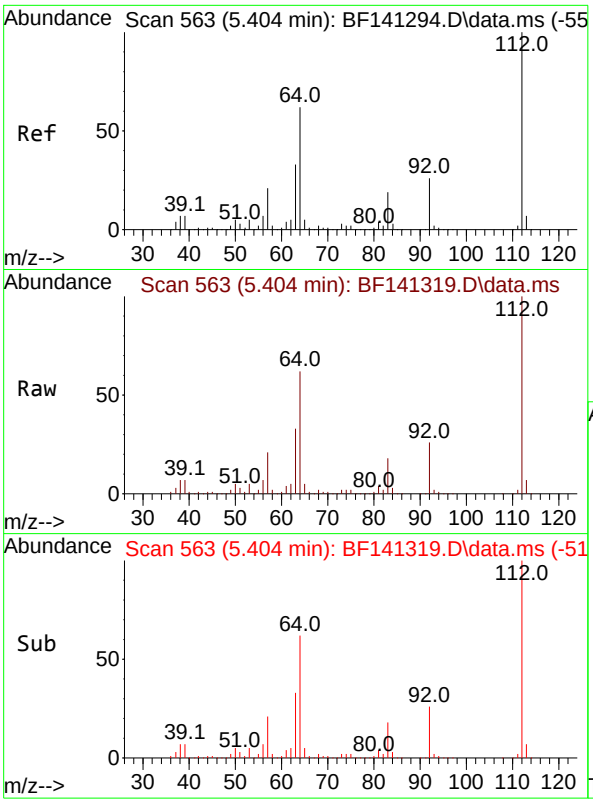


#4
n-Nitrosodimethylamine
Concen: 37.837 ng
RT: 3.169 min Scan# 183
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 42 Resp: 229431

Ion	Ratio	Lower	Upper
42	100		
74	113.0	90.3	135.5
44	7.5	5.7	8.5



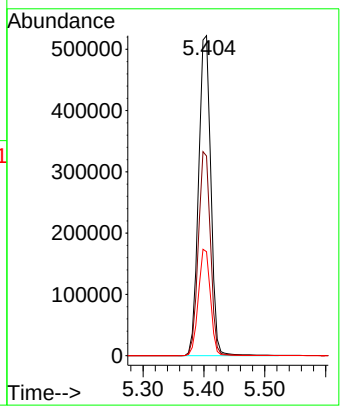


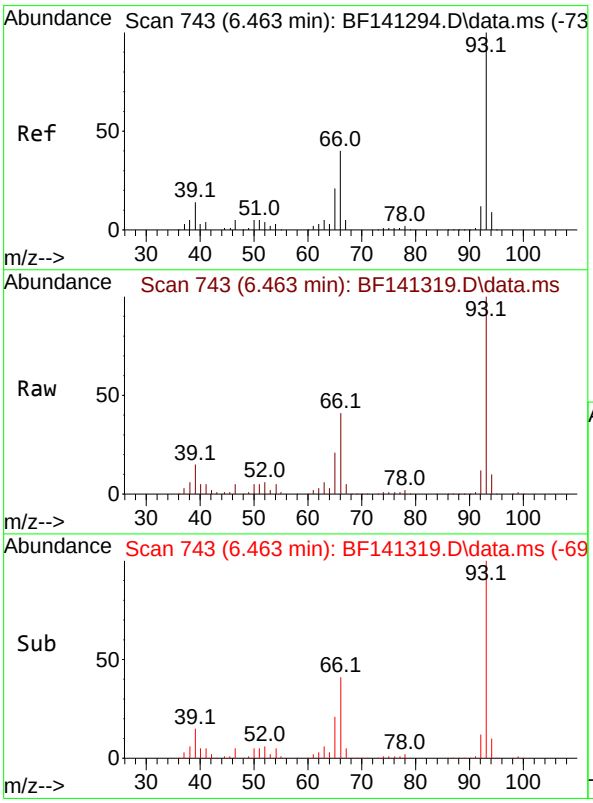
#5
2-Fluorophenol
Concen: 72.646 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 727699

Ion	Ratio	Lower	Upper
112	100		
64	62.4	49.8	74.8
63	32.5	26.1	39.1

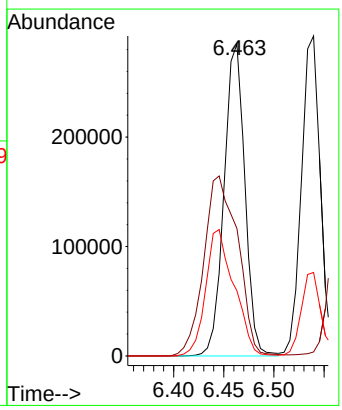


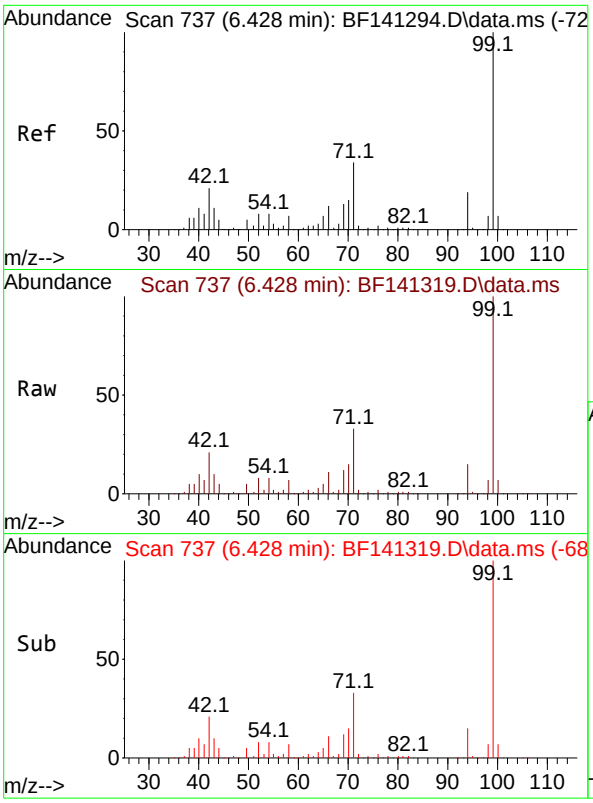


#6
Aniline
Concen: 38.228 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 93 Resp: 412360

Ion	Ratio	Lower	Upper
93	100		
66	40.9	32.5	48.7
65	20.9	17.0	25.6



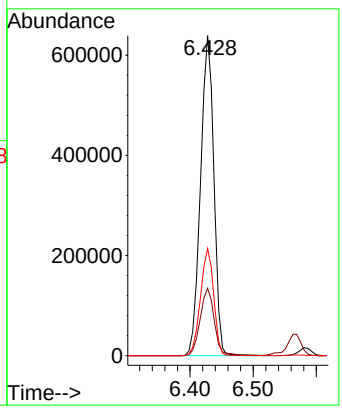


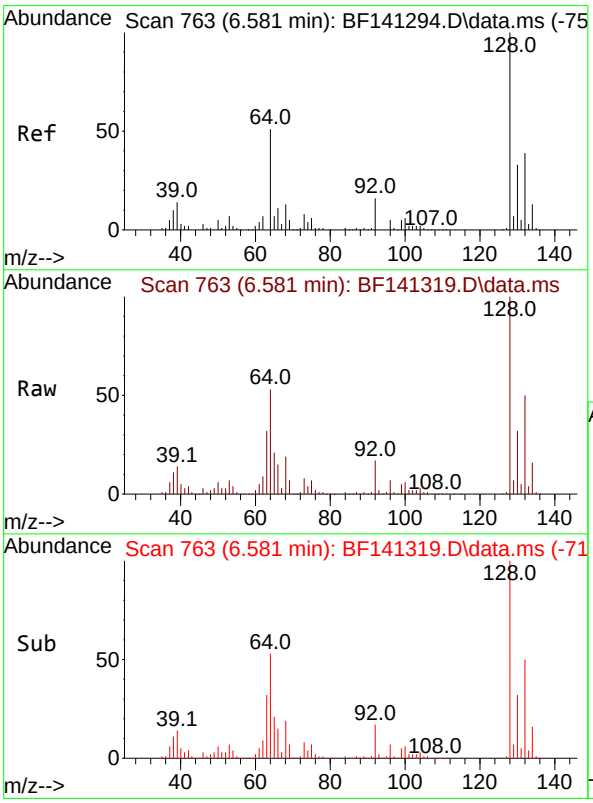
#7
Phenol-d6
Concen: 73.709 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 939281

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	33.4	26.9	40.3

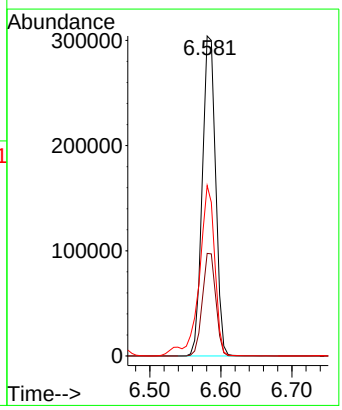


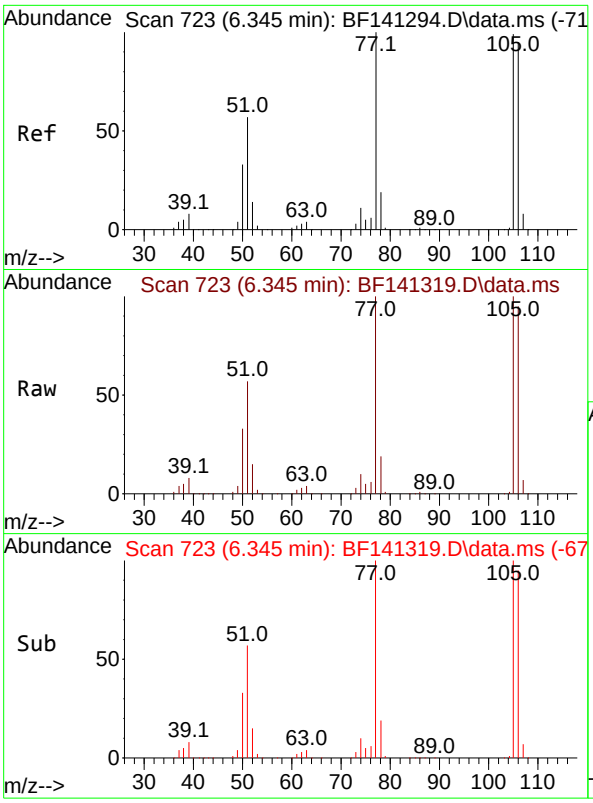


#8
2-Chlorophenol
Concen: 37.025 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:128 Resp: 397525

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.5	52.5
64	53.2	32.9	72.9



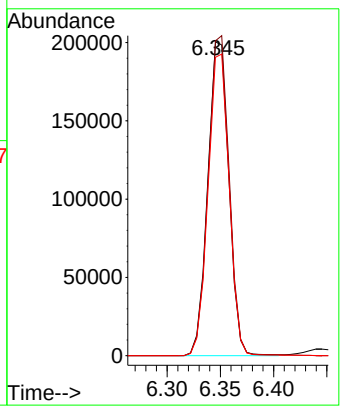


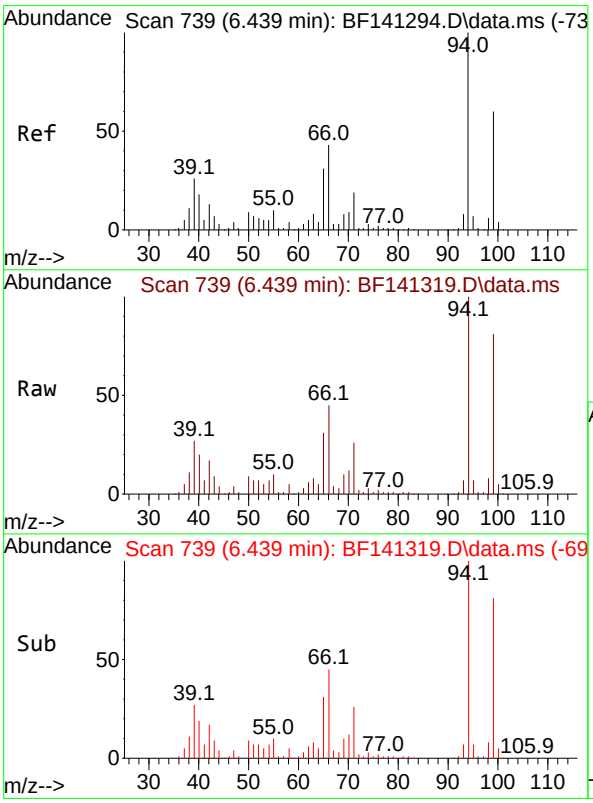
#9
Benzaldehyde
Concen: 37.325 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 275501

Ion	Ratio	Lower	Upper
77	100		
105	100.4	79.4	119.4
106	95.1	74.6	114.6

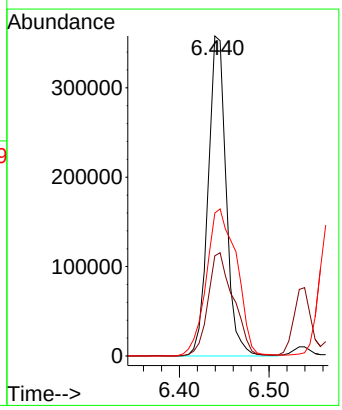


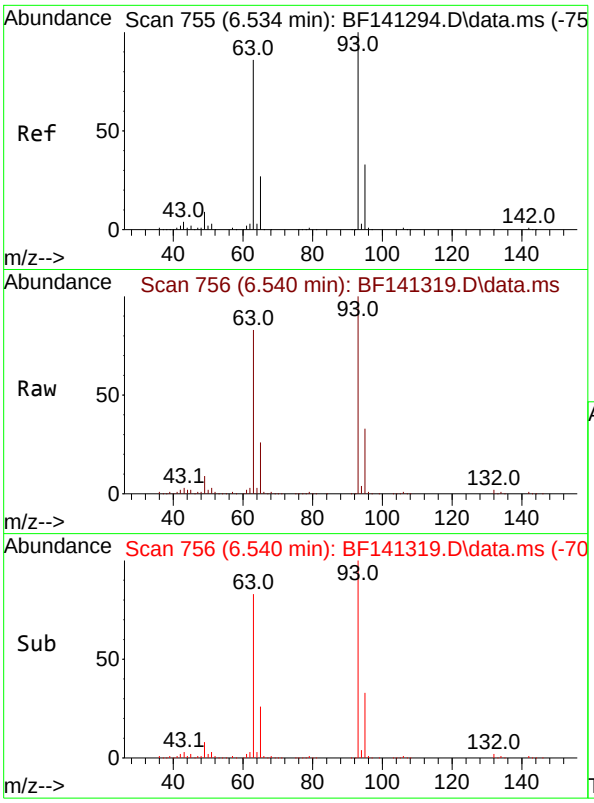


#10
Phenol
Concen: 37.071 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 94 Resp: 500772

Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.8	50.8
66	44.7	23.3	63.3



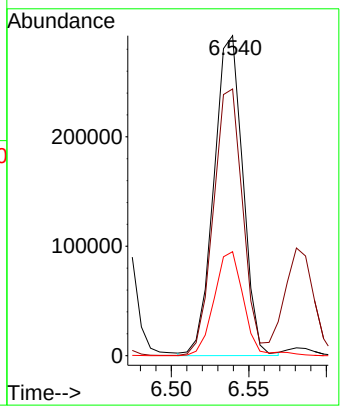


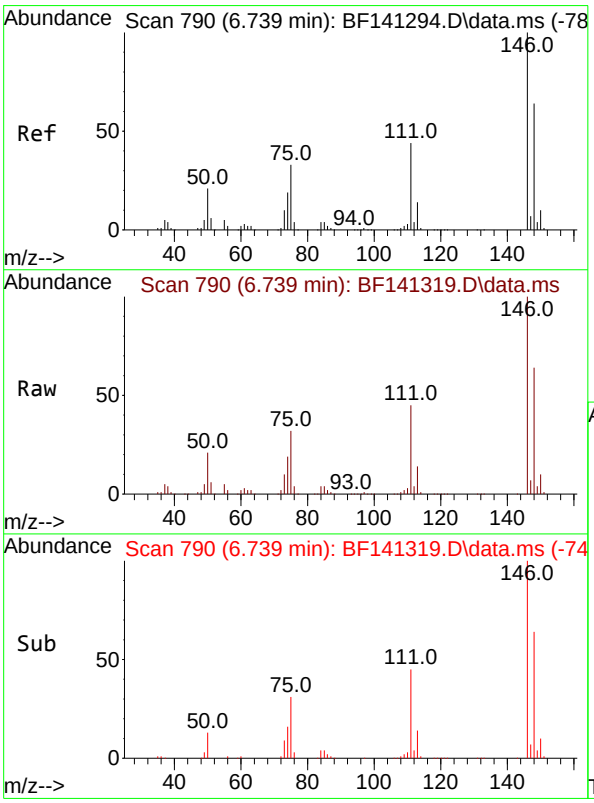
#11
bis(2-Chloroethyl)ether
Concen: 36.597 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 379050

Ion	Ratio	Lower	Upper
93	100		
63	83.3	65.0	105.0
95	32.5	12.4	52.4

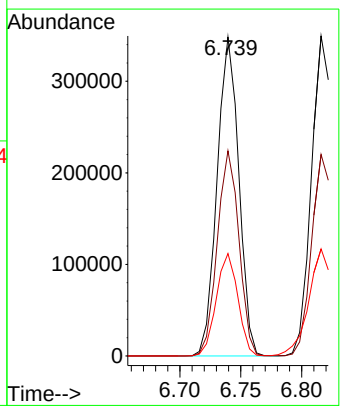


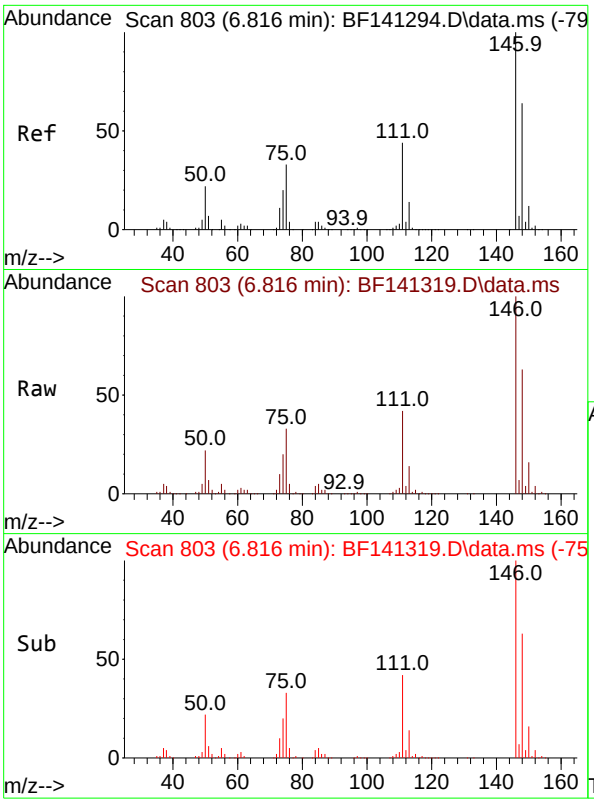


#12
1,3-Dichlorobenzene
Concen: 36.536 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 432517

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.1	26.2	39.4



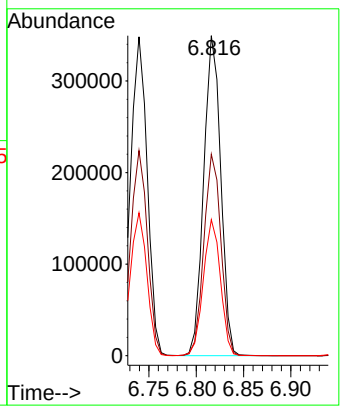


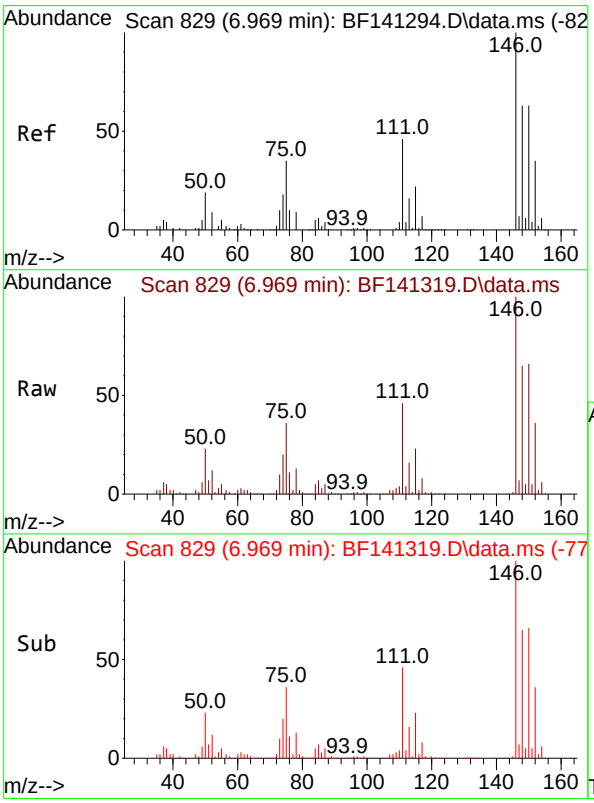
#13
1,4-Dichlorobenzene
Concen: 36.744 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 436984

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	42.5	35.0	52.4

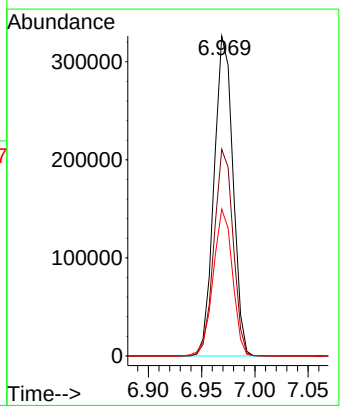


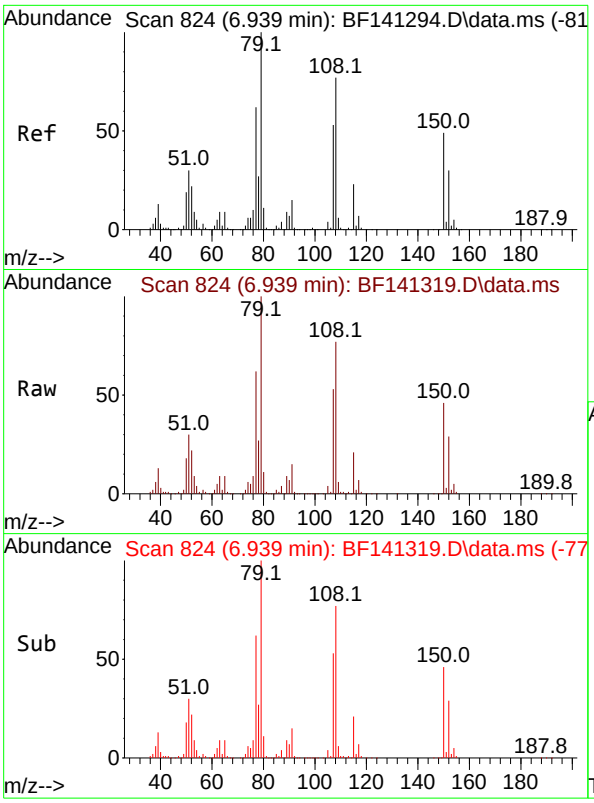


#14
1,2-Dichlorobenzene
Concen: 36.064 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:146 Resp: 401611

Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
111	45.9	36.6	55.0



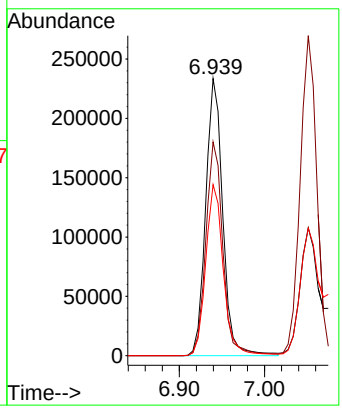


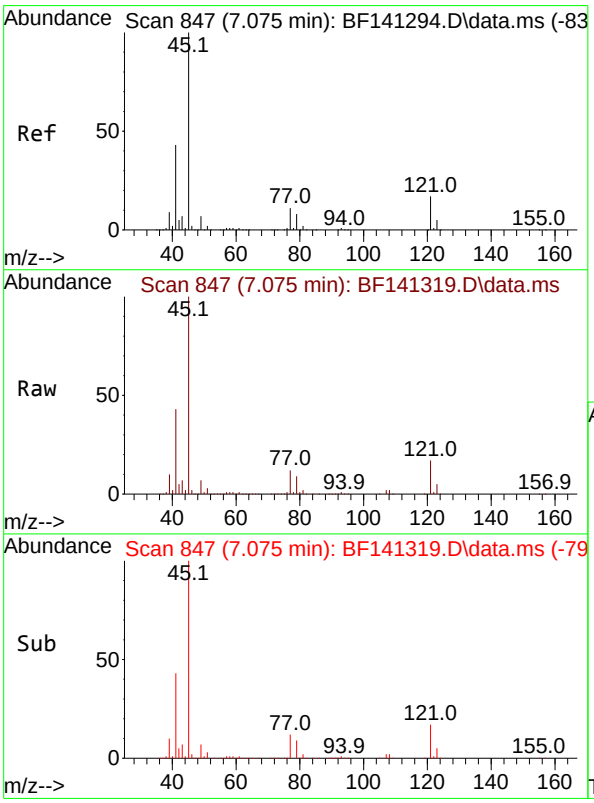
#15
Benzyl Alcohol
Concen: 37.279 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 324647

Ion	Ratio	Lower	Upper
79	100		
108	77.1	61.4	92.0
77	61.7	49.9	74.9

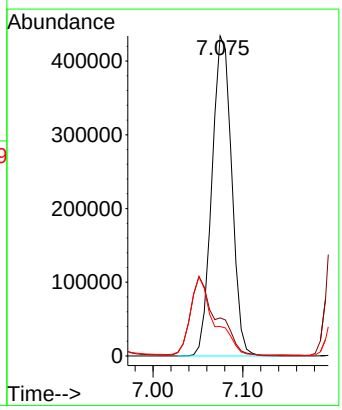


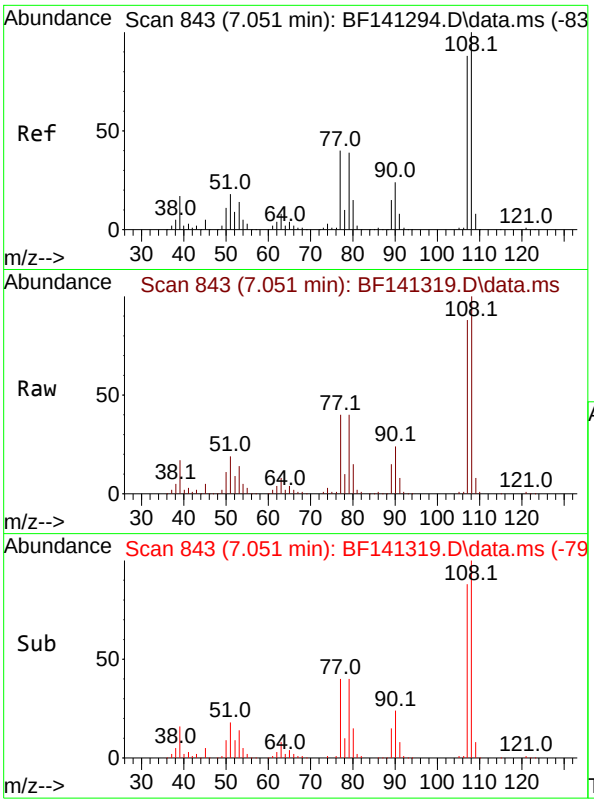


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.868 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 45 Resp: 664022

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.8
79	9.2	0.0	29.1



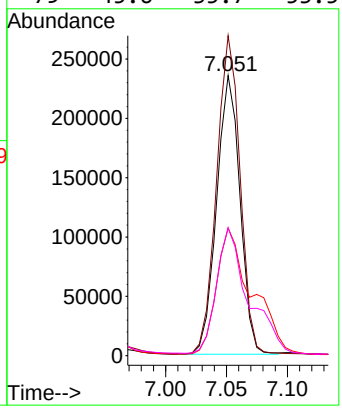


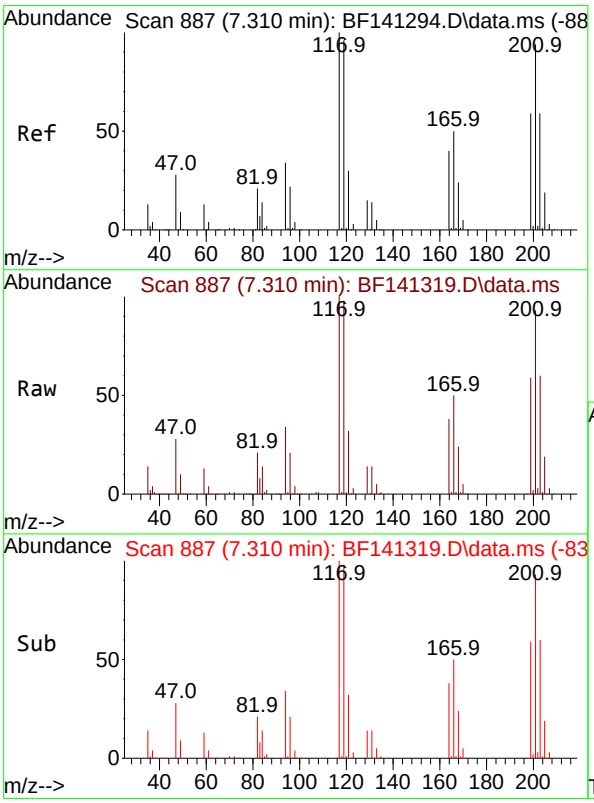
#17
2-Methylphenol
Concen: 35.959 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 313777

Ion	Ratio	Lower	Upper
107	100		
108	114.2	90.8	136.2
77	45.6	36.2	54.4
79	45.6	35.7	53.5

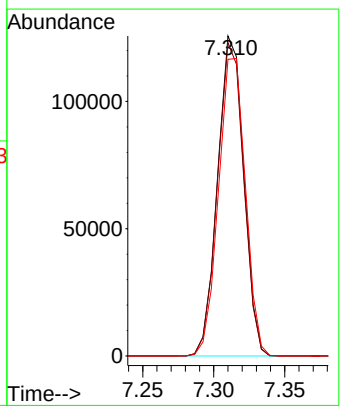


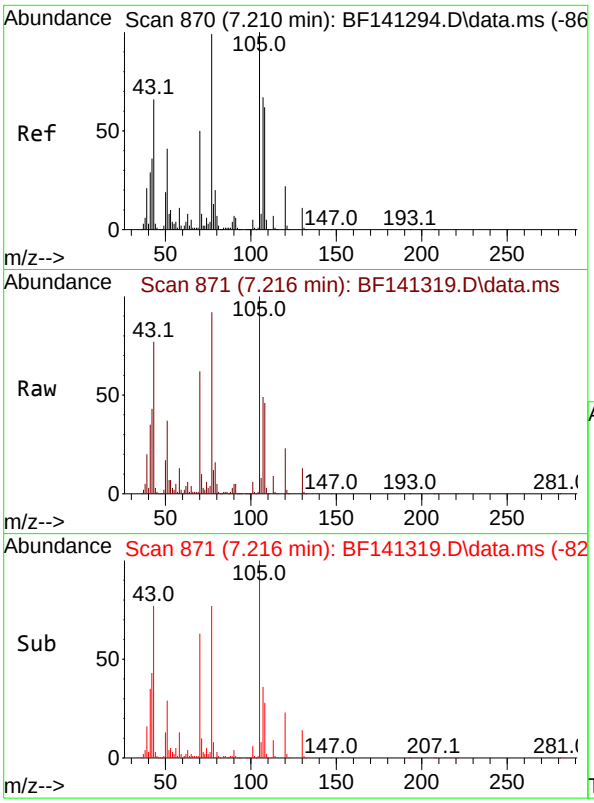


#18
Hexachloroethane
Concen: 36.695 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:117 Resp: 160992

Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.6	114.8
201	92.7	74.8	112.2



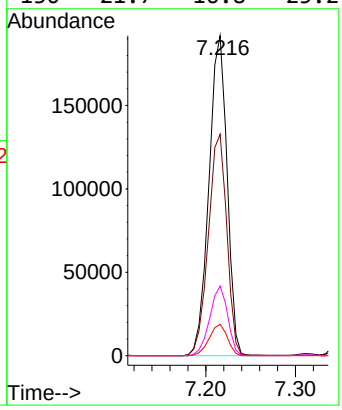


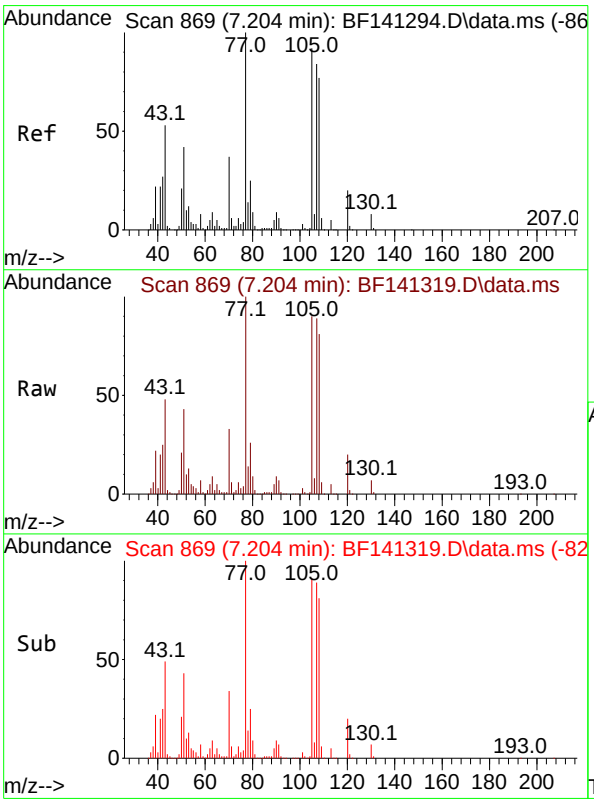
#19
n-Nitroso-di-n-propylamine
Concen: 35.594 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 269514

Ion	Ratio	Lower	Upper
70	100		
42	69.2	56.8	85.2
101	9.8	7.7	11.5
130	21.7	16.8	25.2

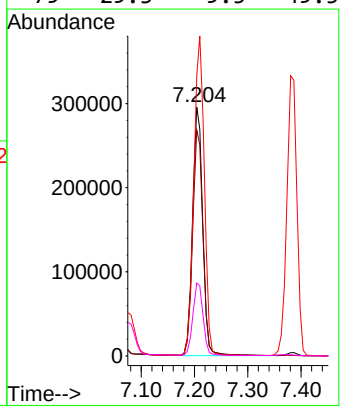


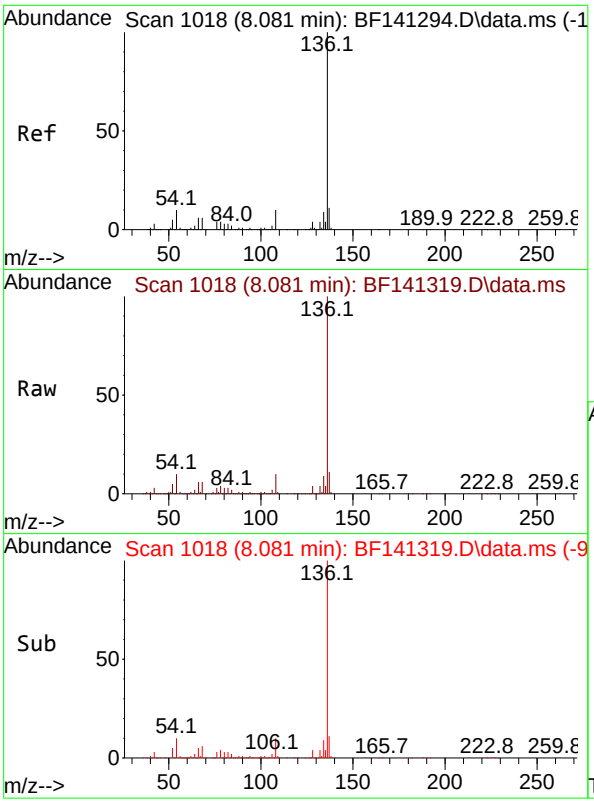


#20
3+4-Methylphenols
Concen: 36.543 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 391525

Ion	Ratio	Lower	Upper
107	100		
108	90.7	70.9	110.9
77	112.3	98.5	138.5
79	29.3	9.5	49.5



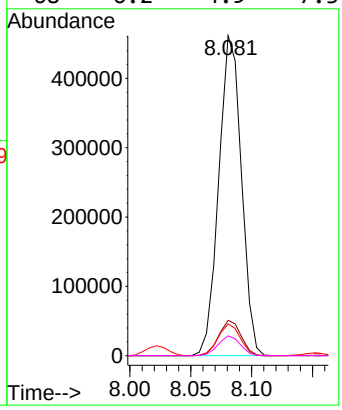


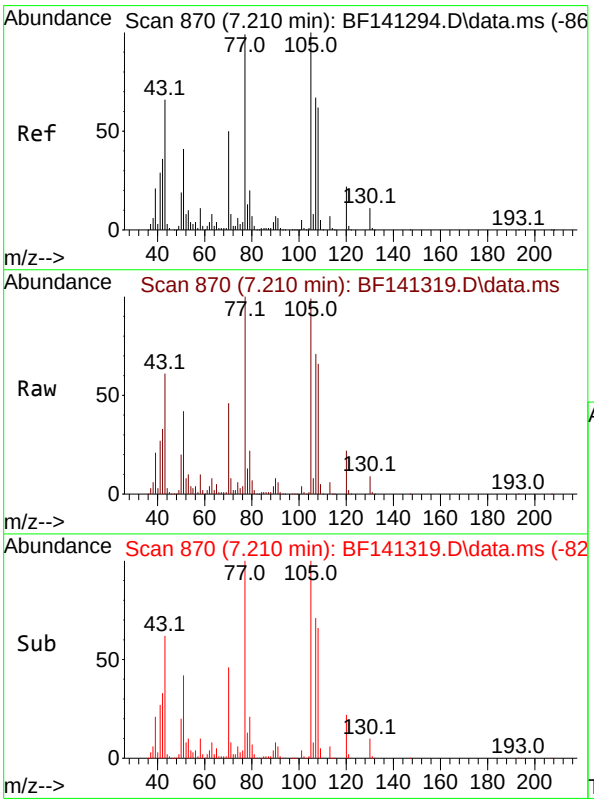
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 597989

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.0	7.8	11.8
68	6.2	4.9	7.3

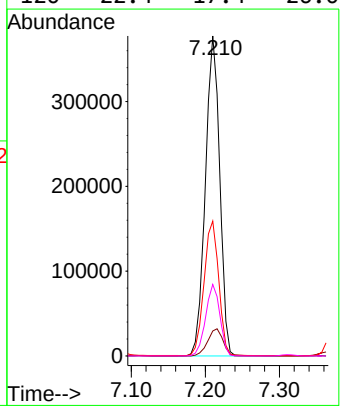


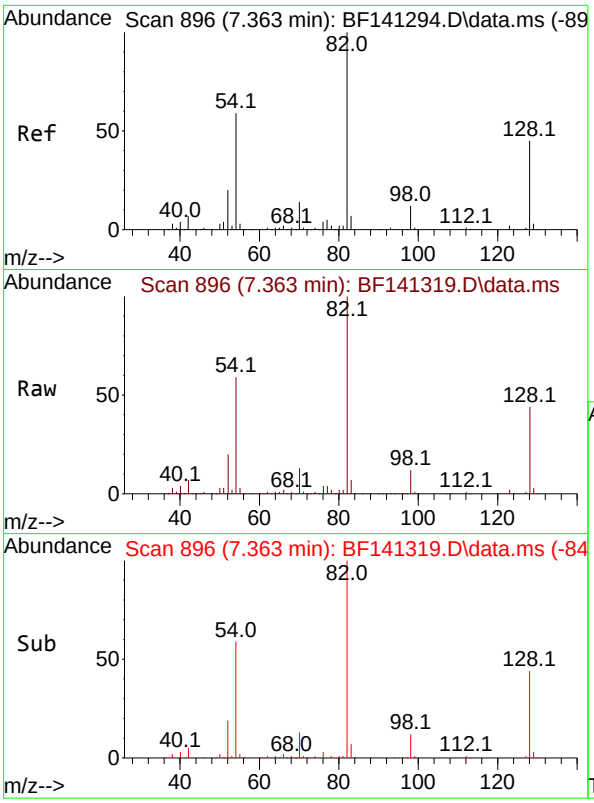


#22
Acetophenone
Concen: 35.716 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:105 Resp: 507679

Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.8	10.2
51	42.2	32.6	49.0
120	22.4	17.4	26.0



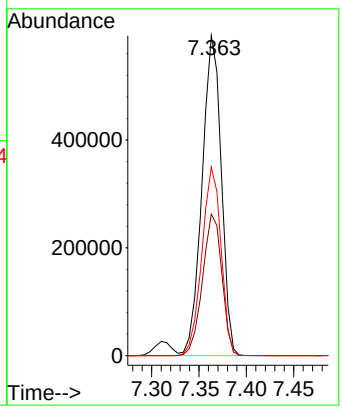


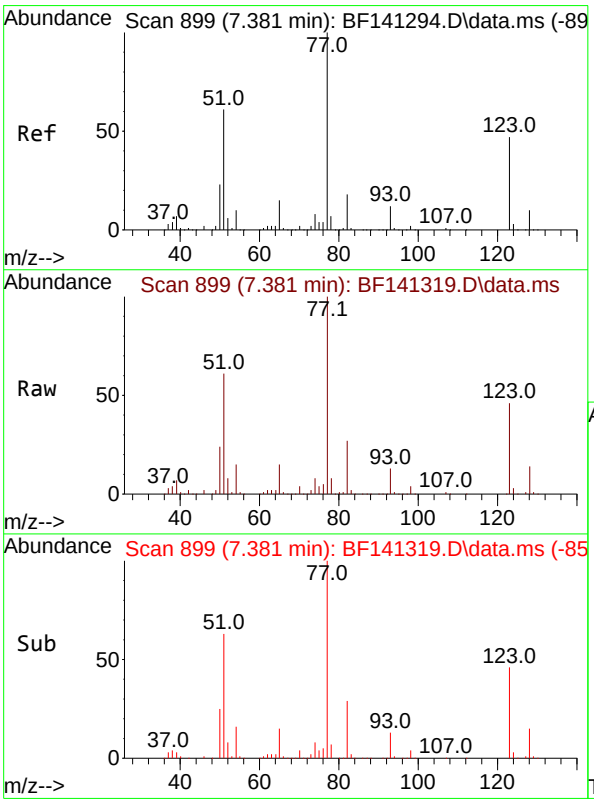
#23
Nitrobenzene-d5
Concen: 73.905 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 838341

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	59.0	47.1	70.7

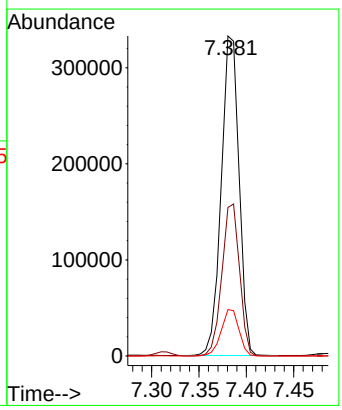


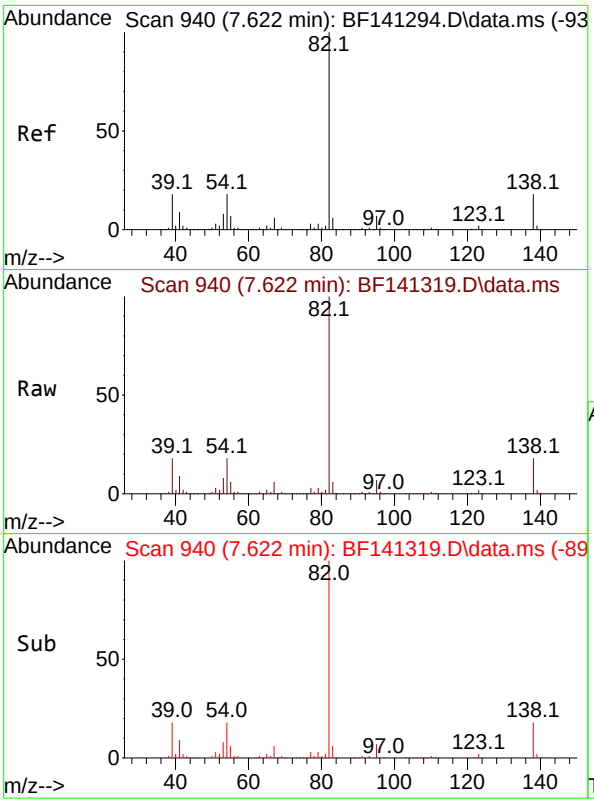


#24
Nitrobenzene
Concen: 37.084 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 77 Resp: 435929

Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.3	55.9
65	14.5	11.8	17.6



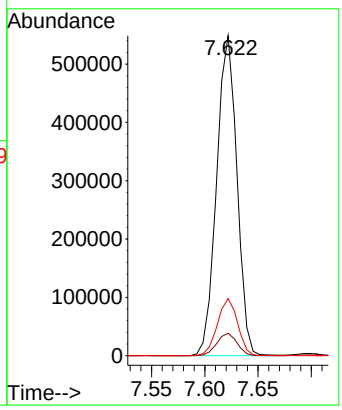


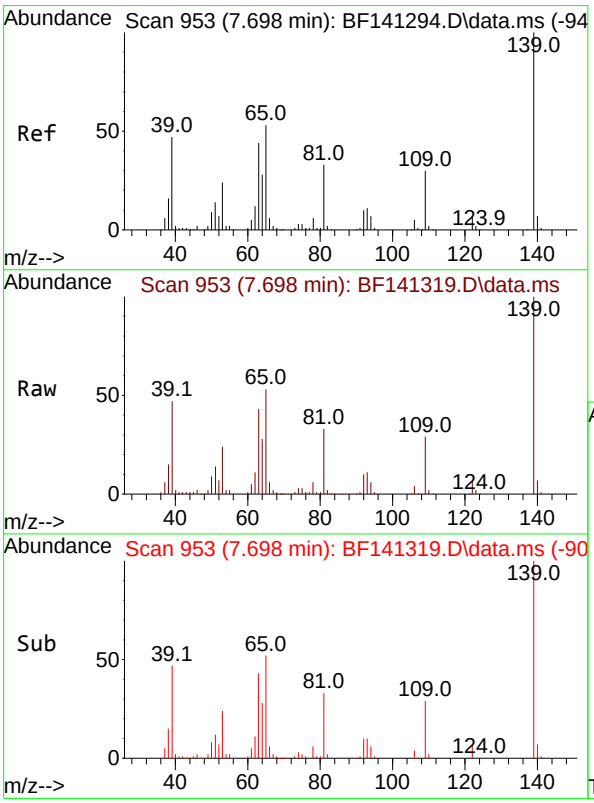
#25
Isophorone
Concen: 37.088 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 727240

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.9	14.7	22.1

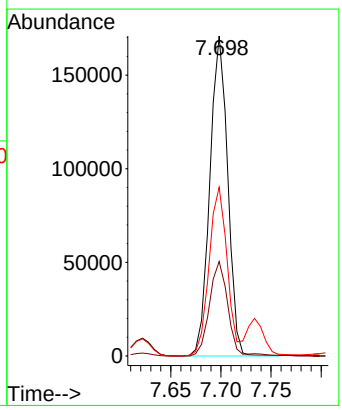


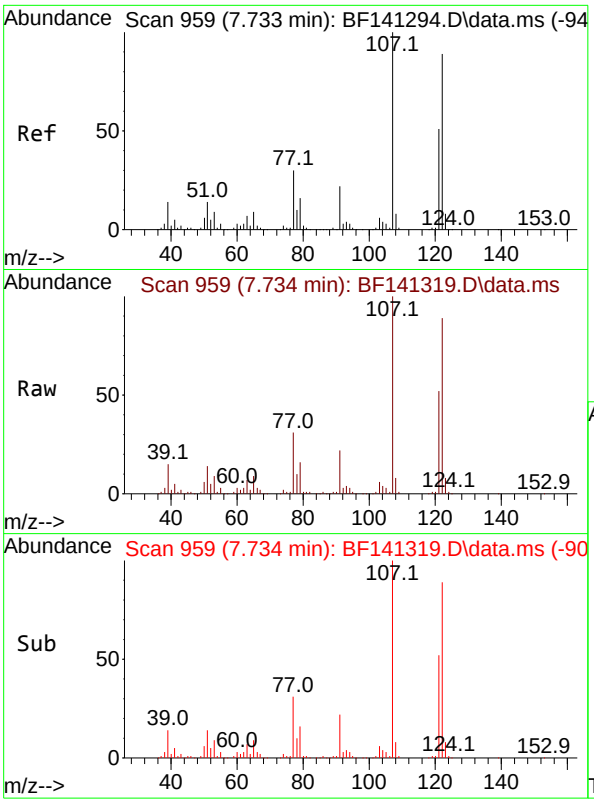


#26
2-Nitrophenol
Concen: 38.206 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 211813

Ion	Ratio	Lower	Upper
139	100		
109	29.5	23.8	35.6
65	52.8	42.2	63.4



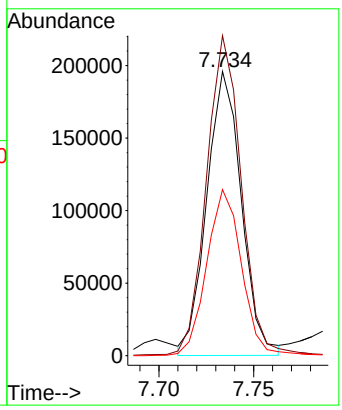


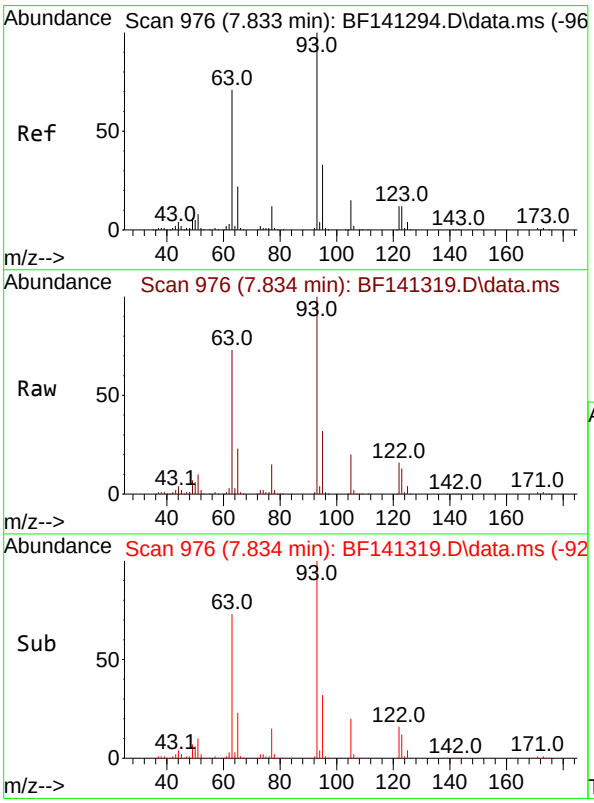
#27
2,4-Dimethylphenol
Concen: 35.288 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 249010

Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.9	134.9
121	58.4	46.1	69.1

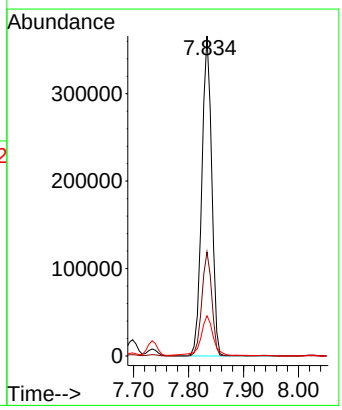


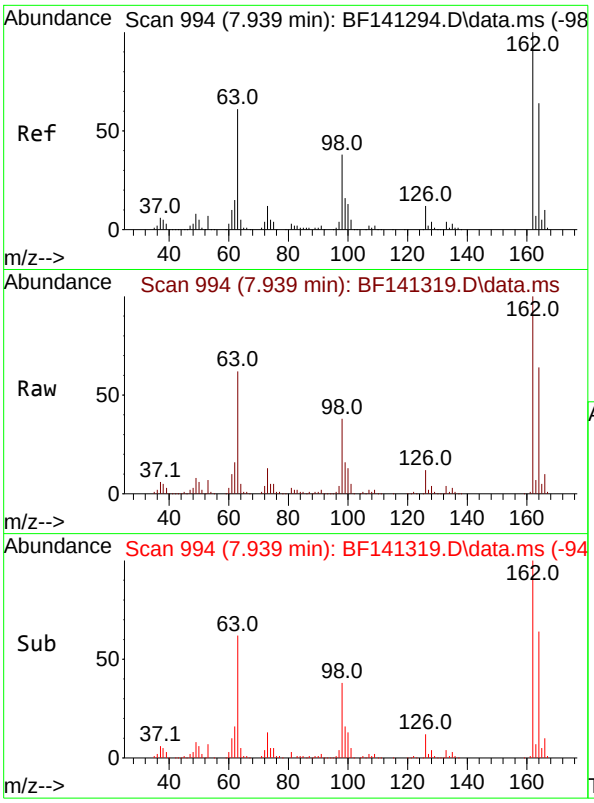


#28
bis(2-Chloroethoxy)methane
Concen: 36.868 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 93 Resp: 461125

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.6	10.2	15.4



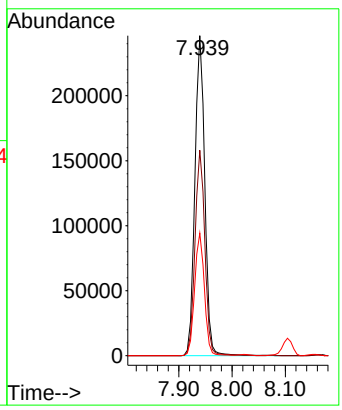


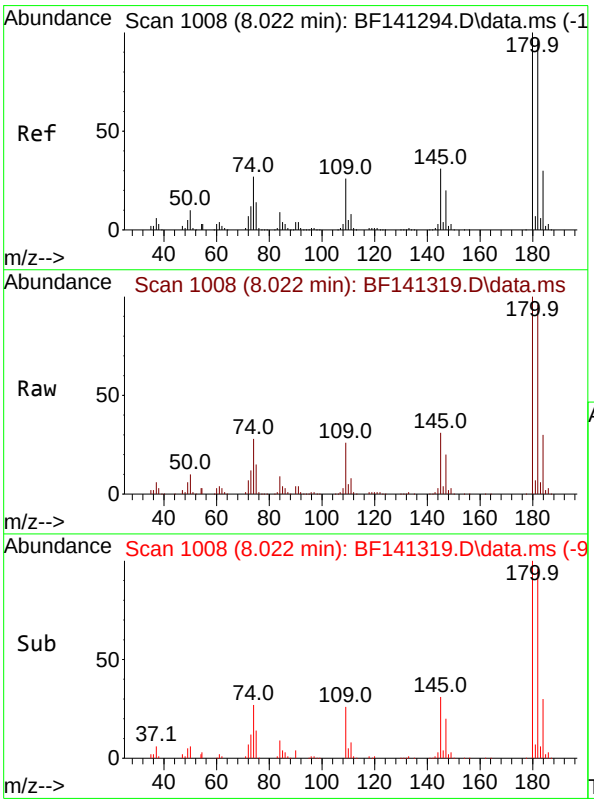
#29
2,4-Dichlorophenol
Concen: 36.886 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 318650

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.3	18.2	58.2

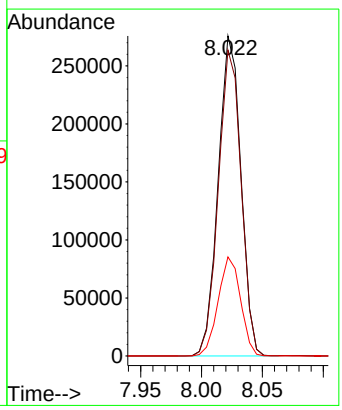


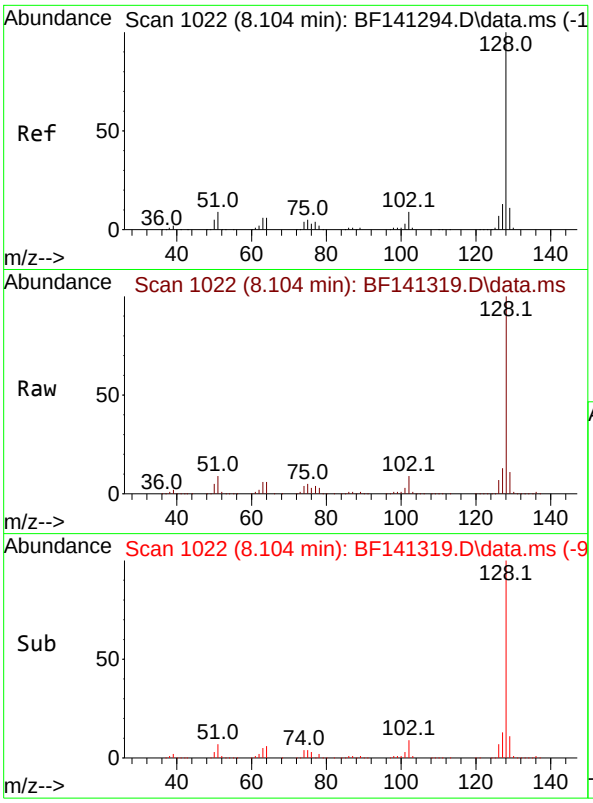


#30
1,2,4-Trichlorobenzene
Concen: 36.298 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:180 Resp: 358109

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	30.9	24.9	37.3



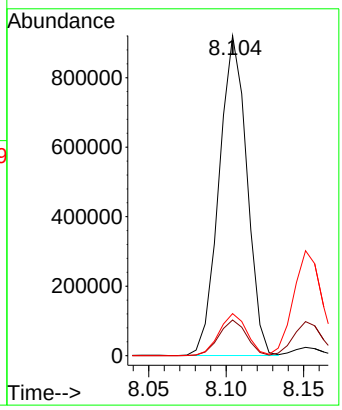


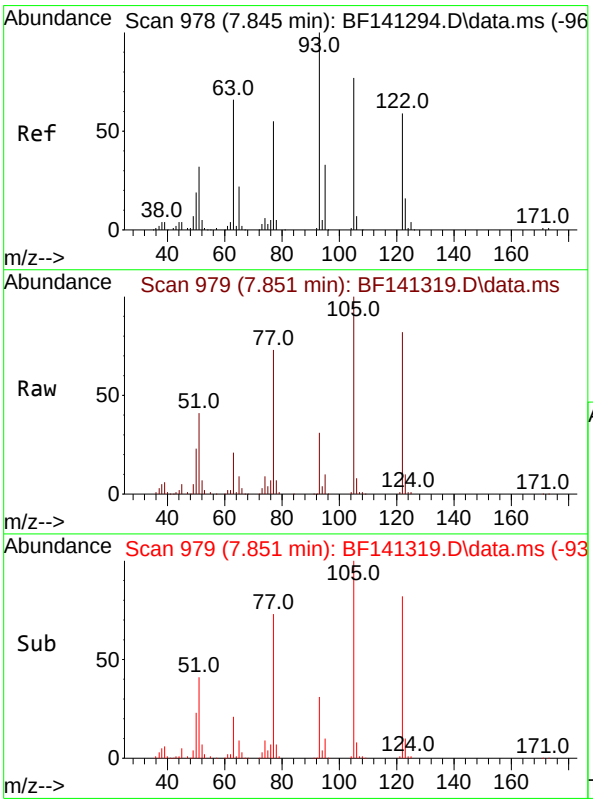
#31
Naphthalene
Concen: 36.385 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1149392

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.2	10.6	15.8

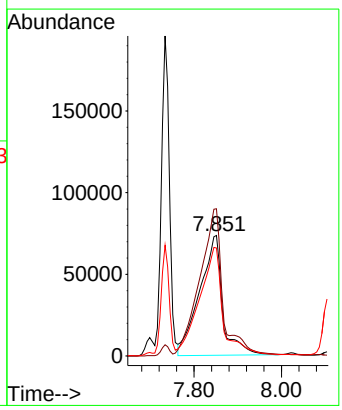


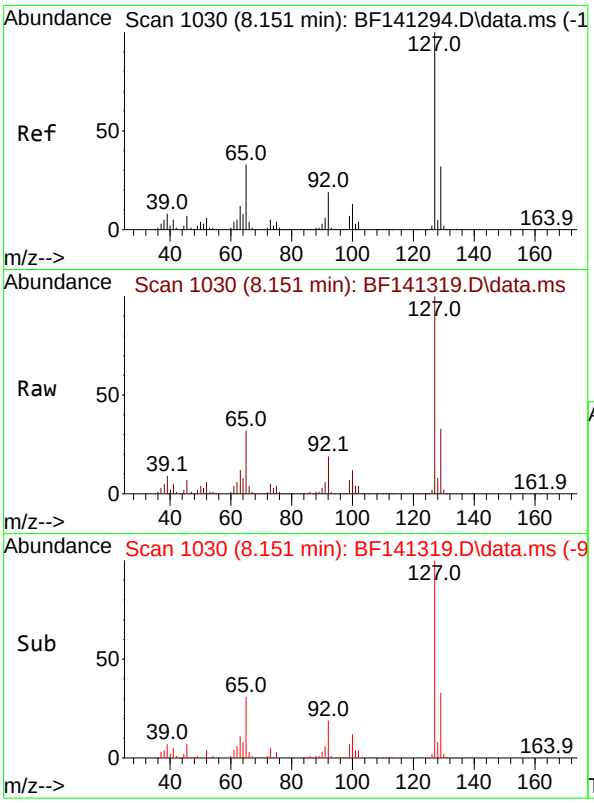


#32
Benzoic acid
Concen: 41.447 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:122 Resp: 268867

Ion	Ratio	Lower	Upper
122	100		
105	122.1	103.4	143.4
77	89.6	70.9	110.9



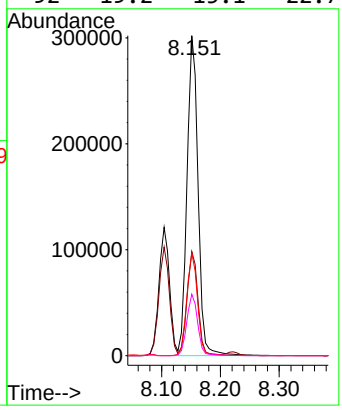


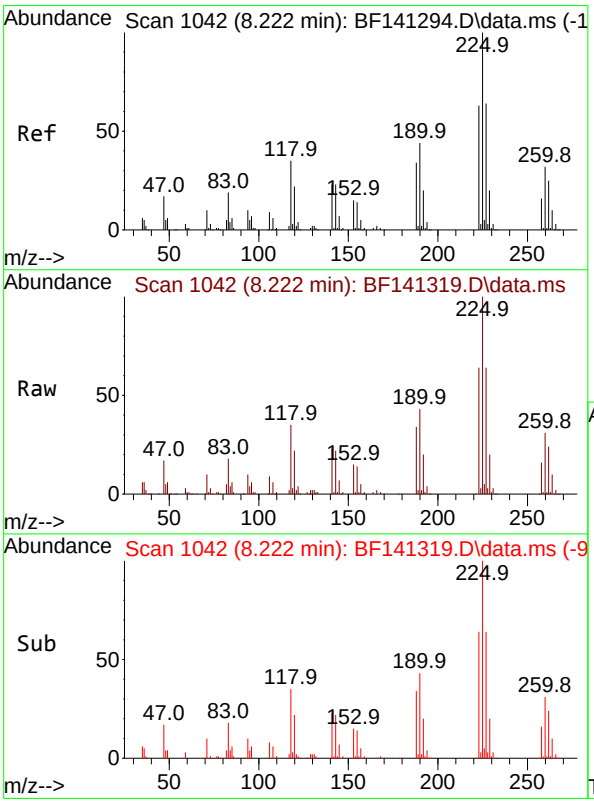
#33
4-Chloroaniline
Concen: 36.648 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:127 Resp: 392588

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	32.0	26.4	39.6
92	19.2	15.1	22.7

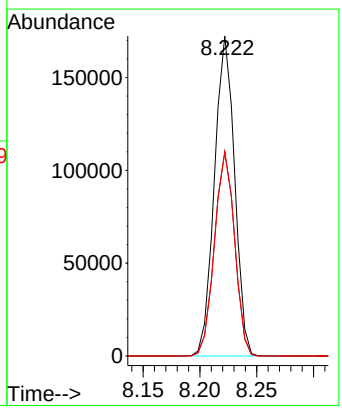


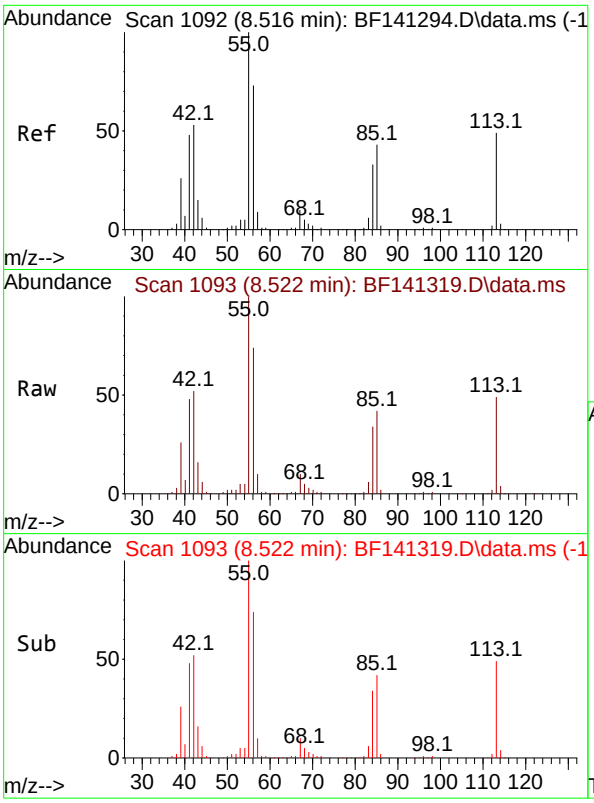


#34
Hexachlorobutadiene
Concen: 36.815 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:225 Resp: 212997

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9



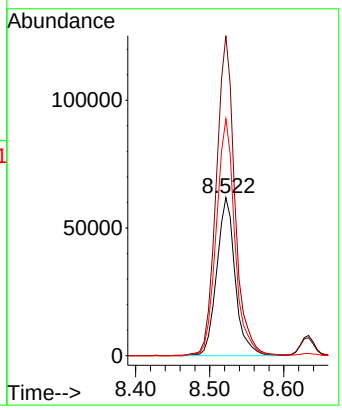


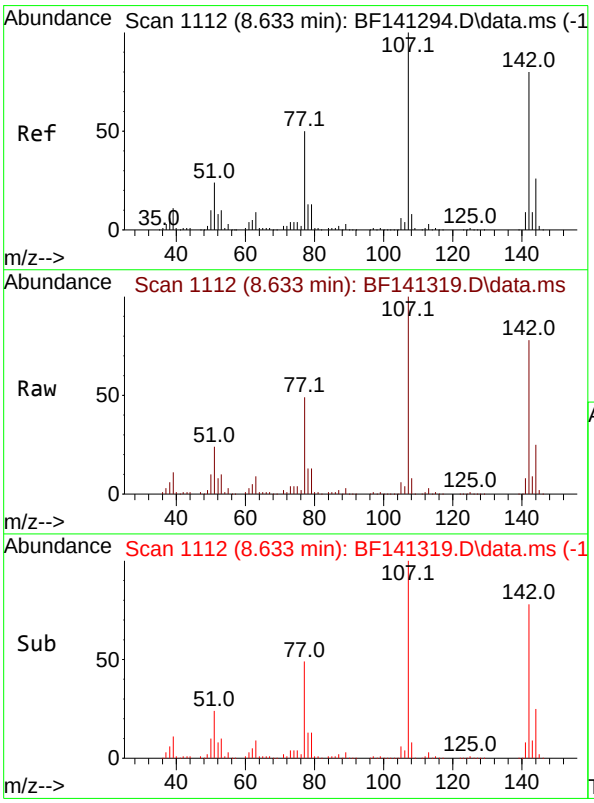
#35
Caprolactam
Concen: 37.866 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:113 Resp: 106833

Ion	Ratio	Lower	Upper
113	100		
55	202.3	182.9	222.9
56	149.8	127.9	167.9

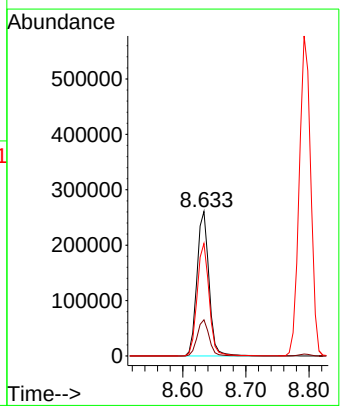


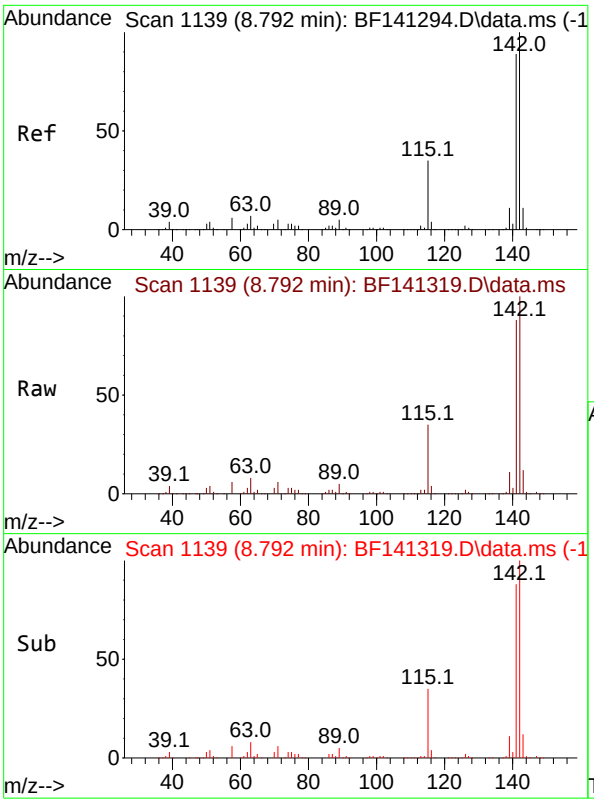


#36
4-Chloro-3-methylphenol
Concen: 37.217 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:107 Resp: 344864

Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.7	31.1
142	77.9	63.8	95.8



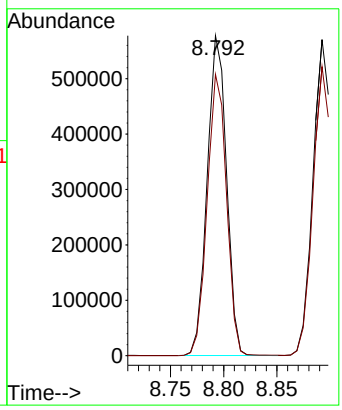


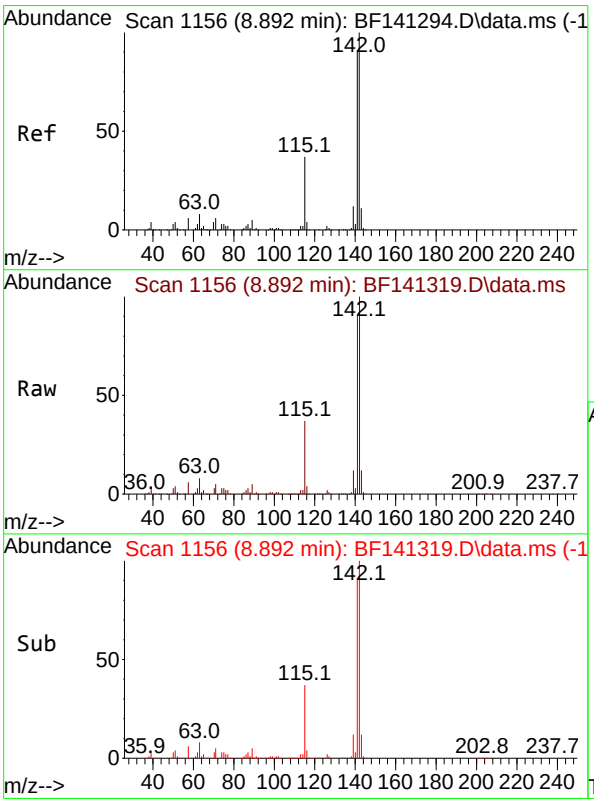
#37
2-Methylnaphthalene
Concen: 36.258 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 728000

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9

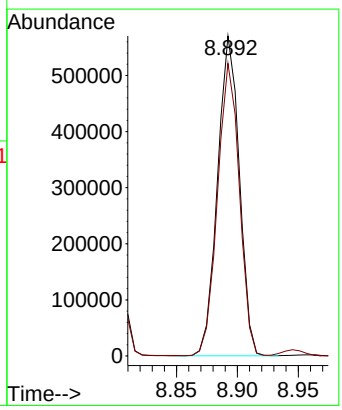


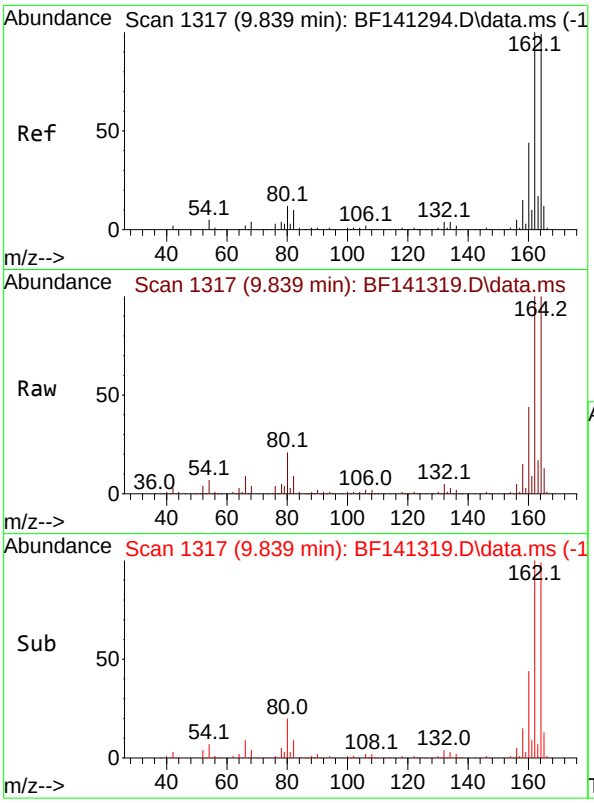


#38
1-Methylnaphthalene
Concen: 36.036 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:142 Resp: 710737

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.2	109.8



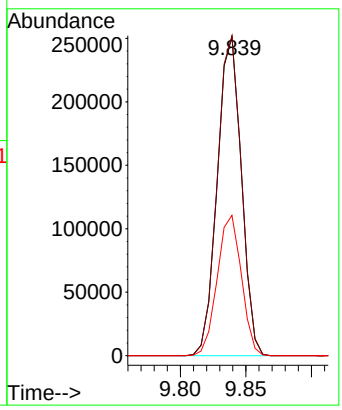


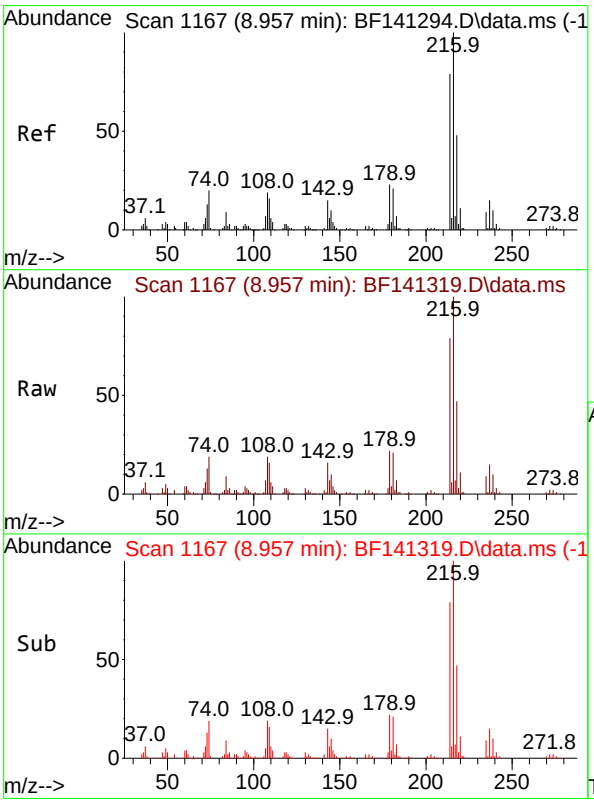
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 319509

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.0	35.8	53.6

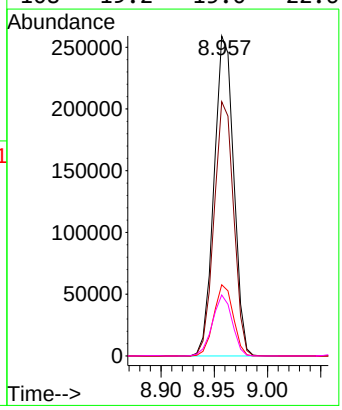


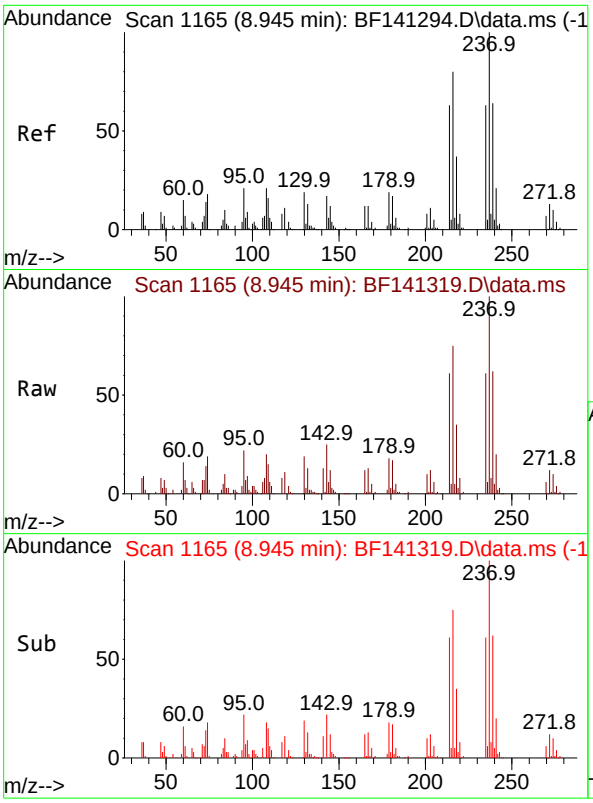


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.498 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:216 Resp: 331758

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.0	17.8	26.8
108	19.2	15.0	22.6



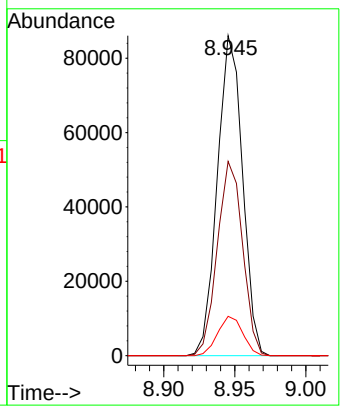


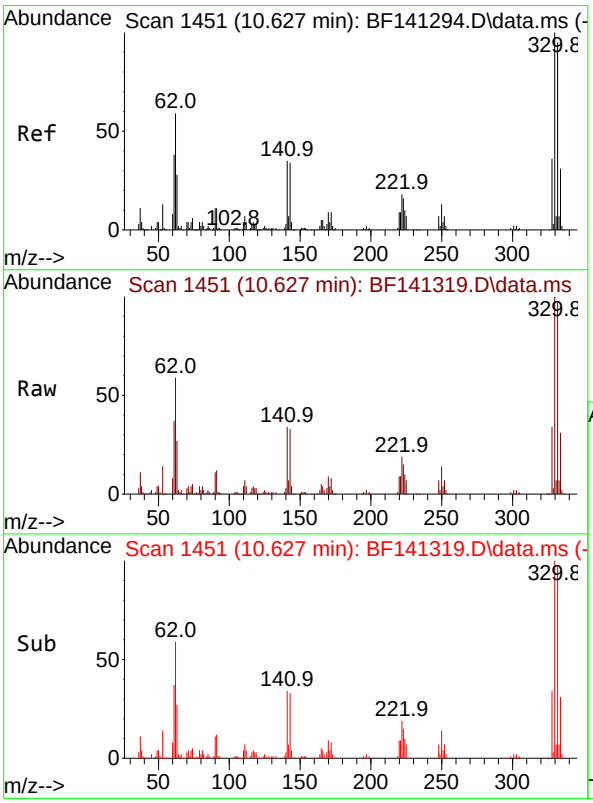
#41
Hexachlorocyclopentadiene
Concen: 39.520 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 106090

Ion	Ratio	Lower	Upper
237	100		
235	60.7	42.9	82.9
272	12.3	0.0	32.8

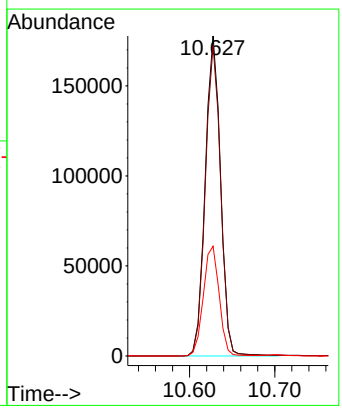


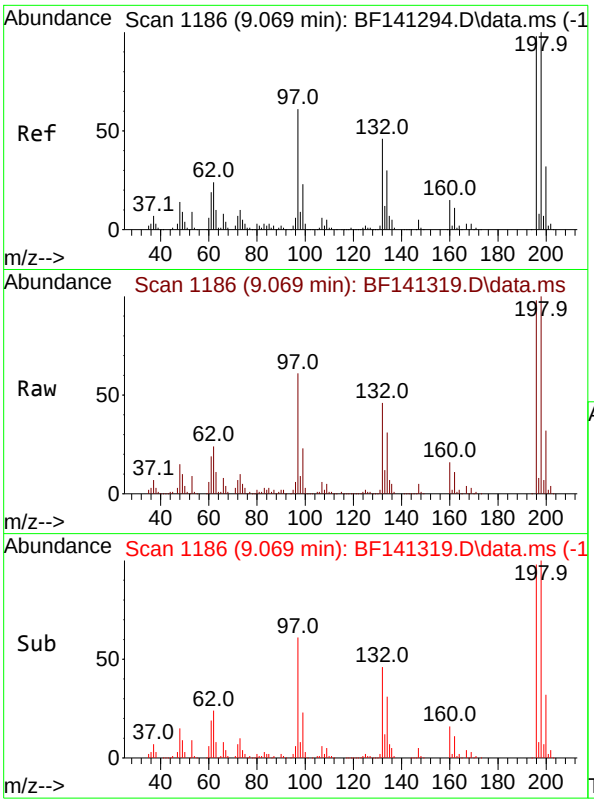


#42
2,4,6-Tribromophenol
Concen: 75.957 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:330 Resp: 222491

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.1	114.1
141	35.4	28.8	43.2



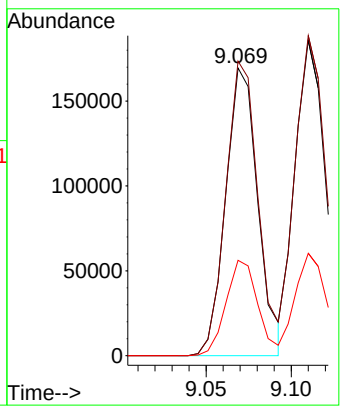


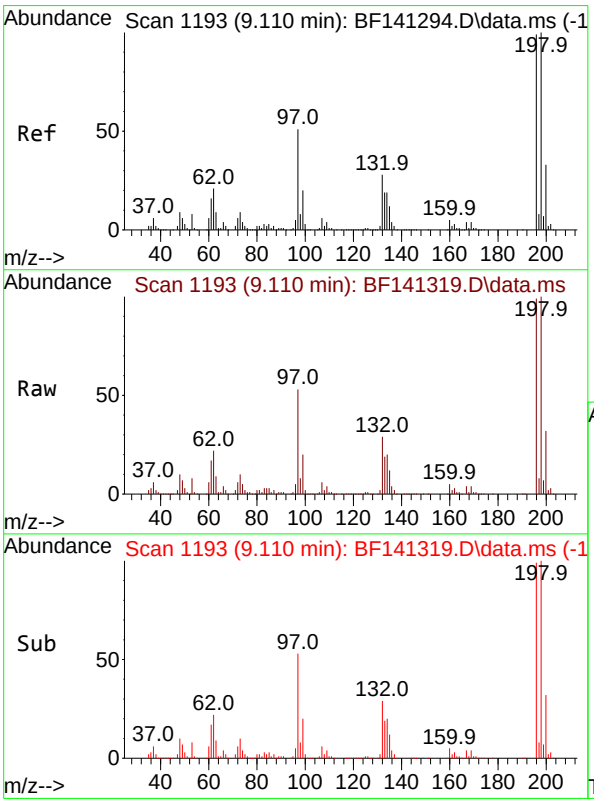
#43
2,4,6-Trichlorophenol
Concen: 37.520 ng
RT: 9.069 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:196 Resp: 223224

Ion	Ratio	Lower	Upper
196	100		
198	102.4	81.8	122.6
200	33.2	26.3	39.5

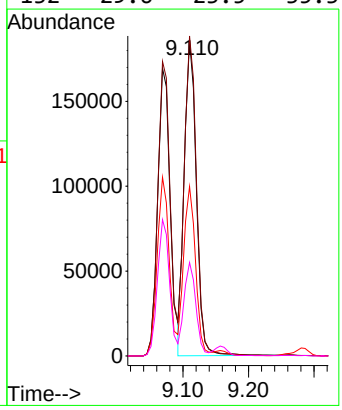


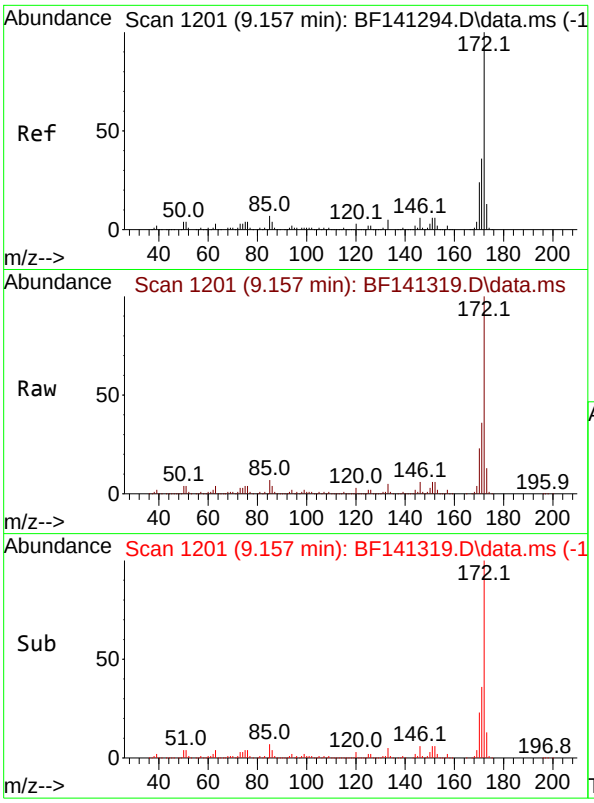


#44
2,4,5-Trichlorophenol
Concen: 36.666 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:196 Resp: 237426

Ion	Ratio	Lower	Upper
196	100		
198	101.5	80.5	120.7
97	53.7	42.8	64.2
132	29.6	23.5	35.3



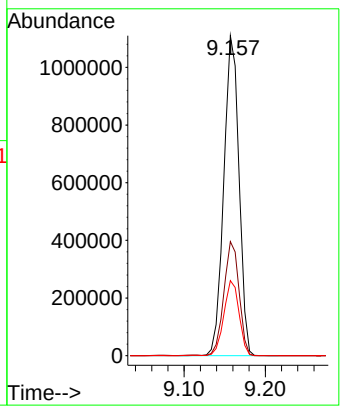


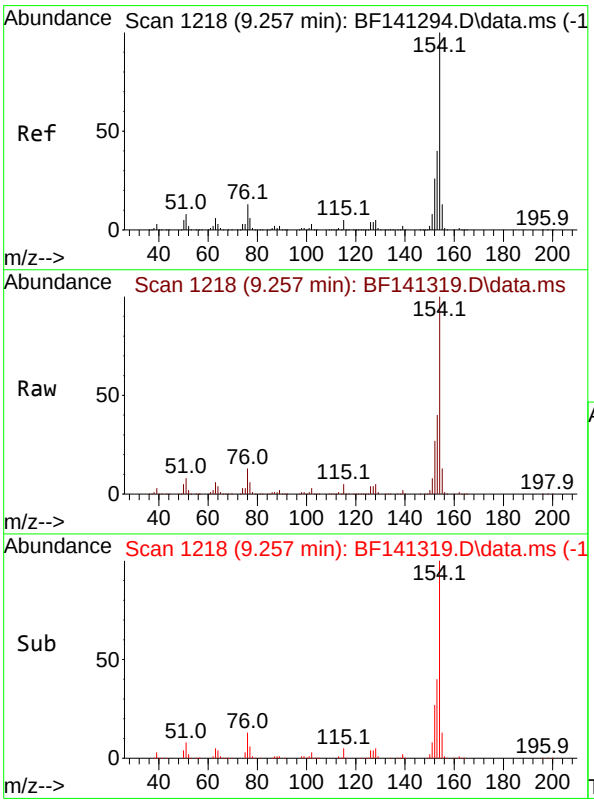
#45
2-Fluorobiphenyl
Concen: 69.744 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 1447765

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.5	19.0	28.6

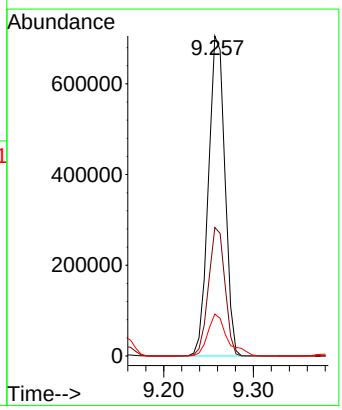


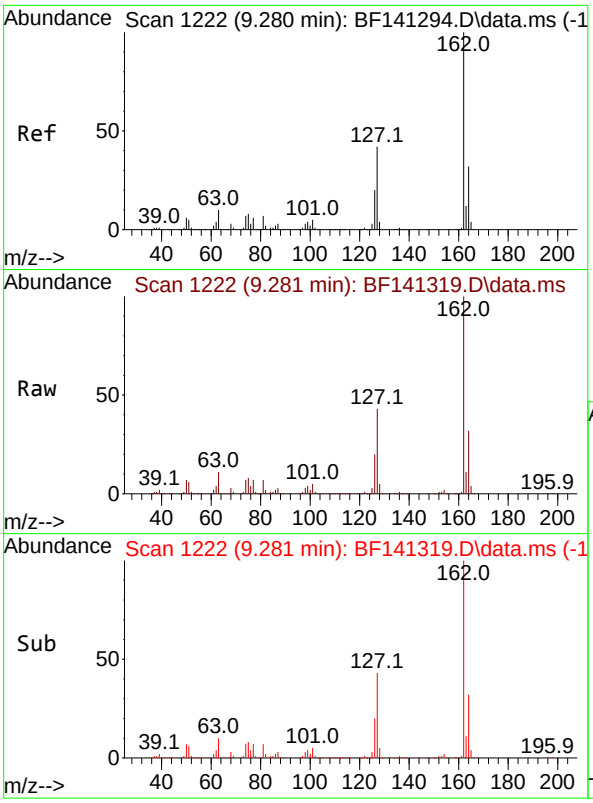


#46
1,1'-Biphenyl
Concen: 36.015 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:154 Resp: 897425

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	13.1	0.0	32.8



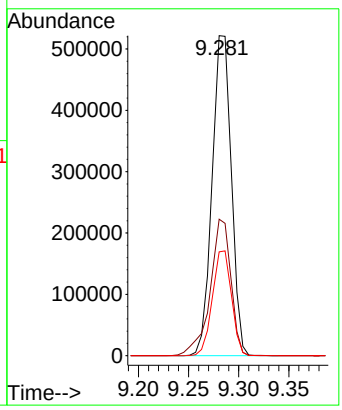


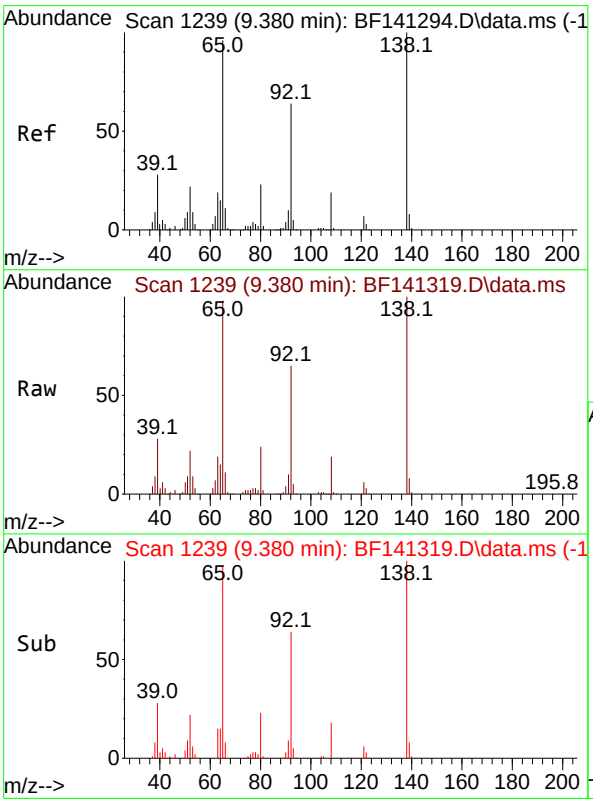
#47
2-Chloronaphthalene
Concen: 35.869 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 696645

Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.7	50.5
164	32.5	25.9	38.9

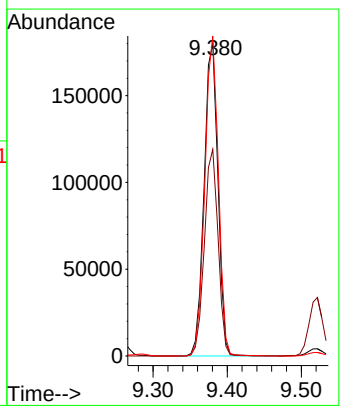


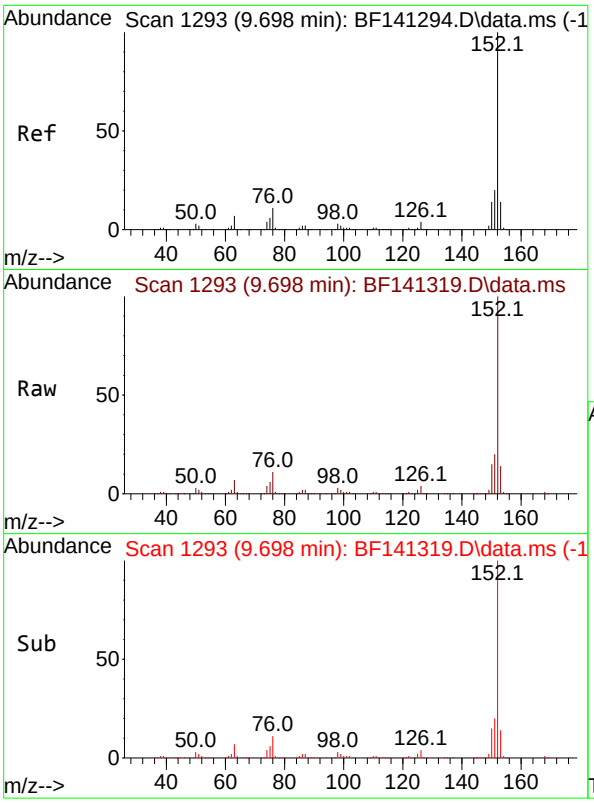


#48
2-Nitroaniline
Concen: 38.256 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion: 65 Resp: 233710

Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.3	79.9
138	102.4	83.6	125.4



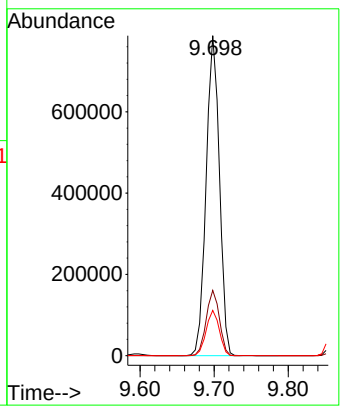


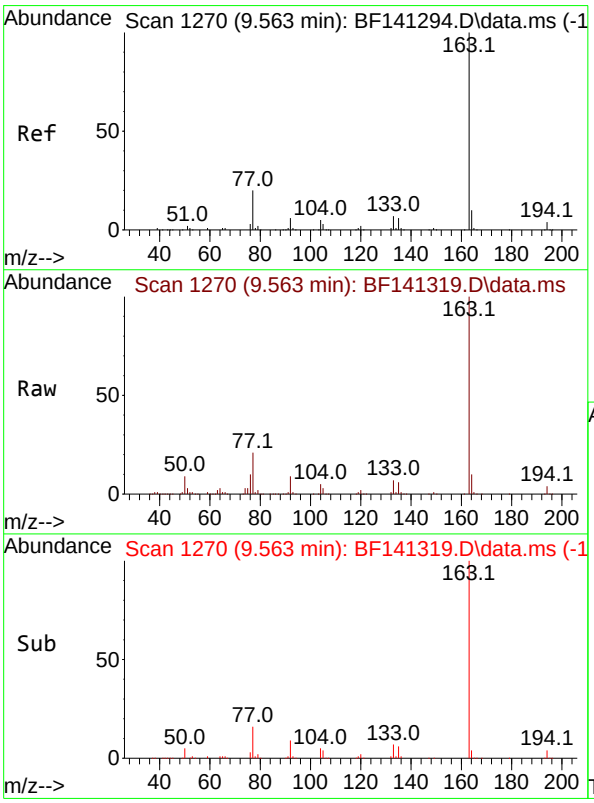
#49
Acenaphthylene
Concen: 36.048 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 980054

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.1	11.0	16.6

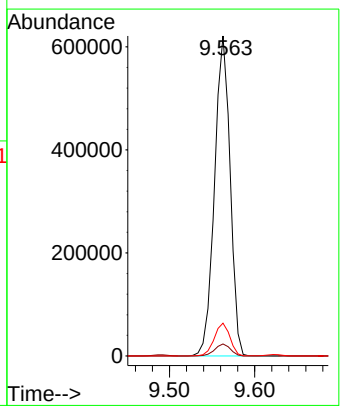


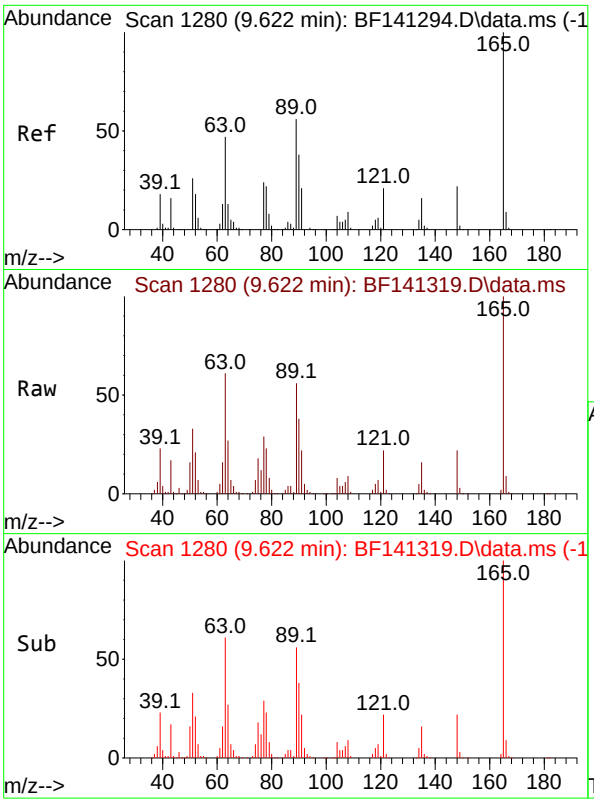


#50
Dimethylphthalate
Concen: 36.602 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:163 Resp: 789847

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.3	8.0	12.0



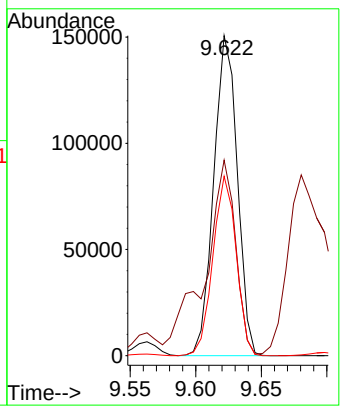


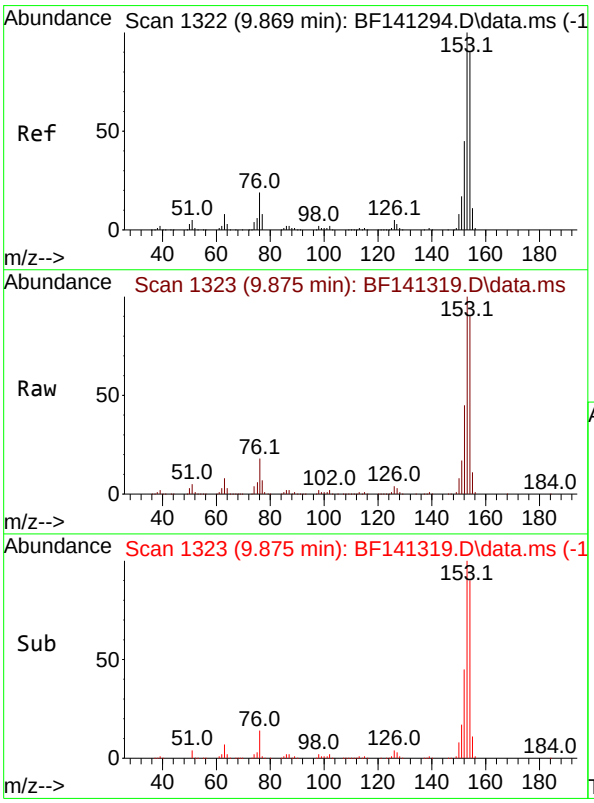
#51
2,6-Dinitrotoluene
Concen: 37.549 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 188139

Ion	Ratio	Lower	Upper
165	100		
63	61.1	48.1	72.1
89	56.0	44.9	67.3

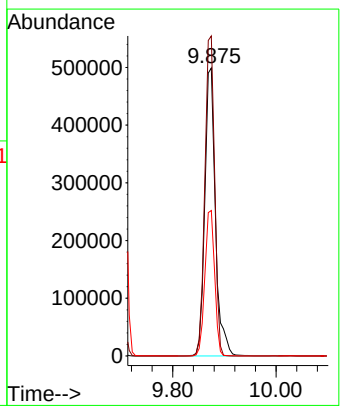


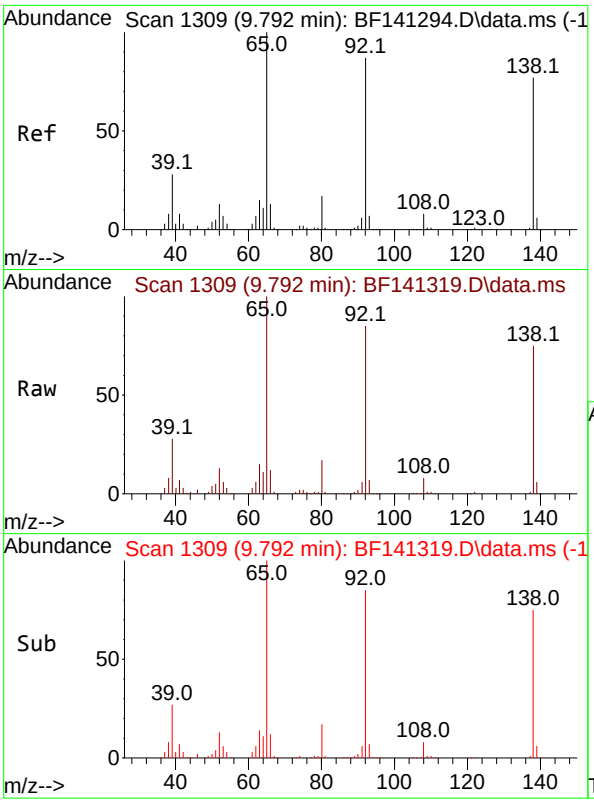


#52
Acenaphthene
Concen: 36.779 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:154 Resp: 714359

Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.0	133.4
152	50.5	40.2	60.4



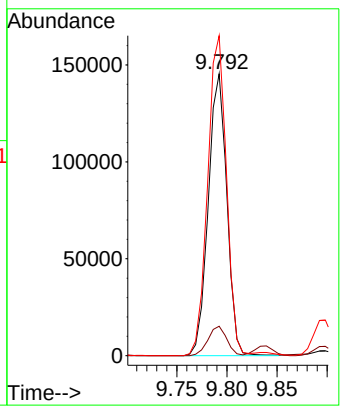


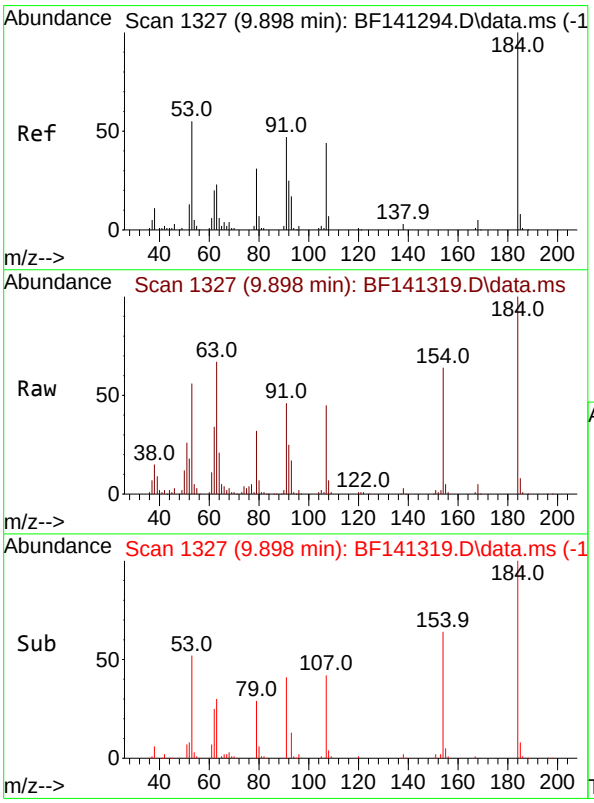
#53
3-Nitroaniline
Concen: 38.231 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 187747

Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.6	12.8
92	113.5	91.0	136.6

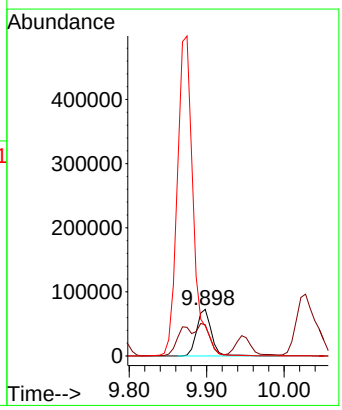


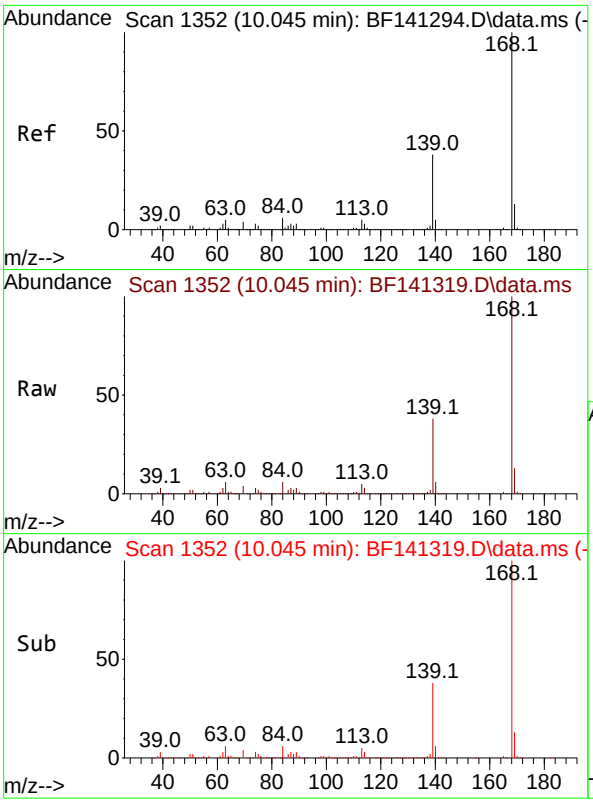


#54
2,4-Dinitrophenol
Concen: 41.050 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:184 Resp: 95612

Ion	Ratio	Lower	Upper
184	100		
63	67.0	54.1	81.1
154	64.4	50.7	76.1



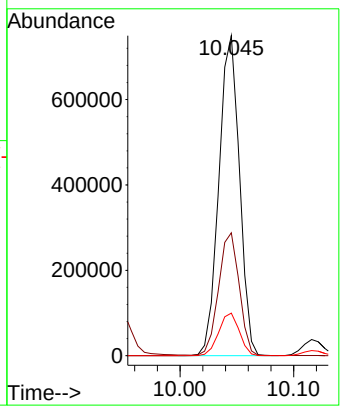


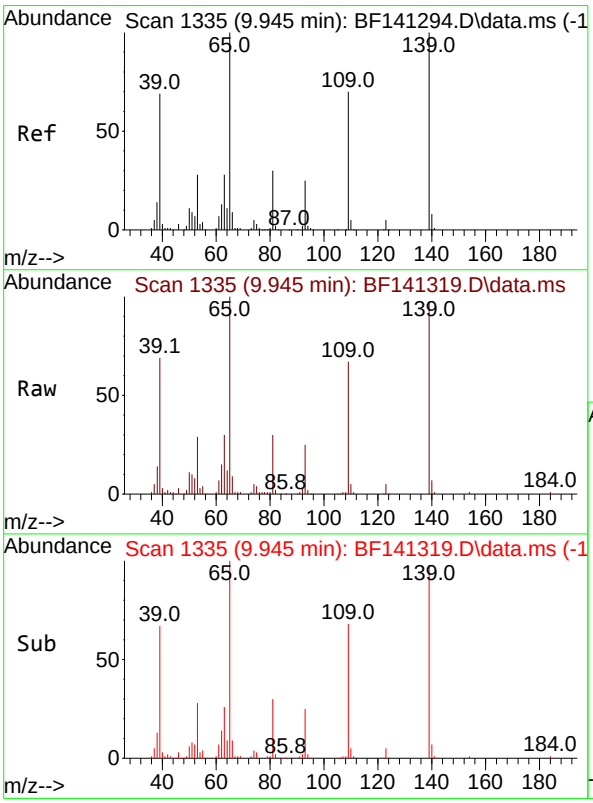
#55
Dibenzofuran
Concen: 36.361 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 945339

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	46.0
169	13.3	10.8	16.2

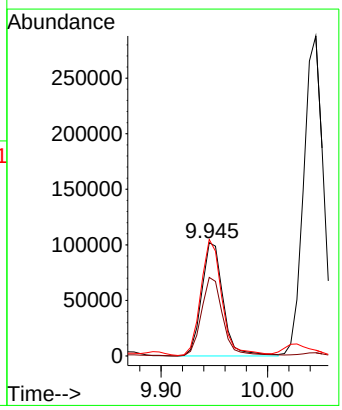


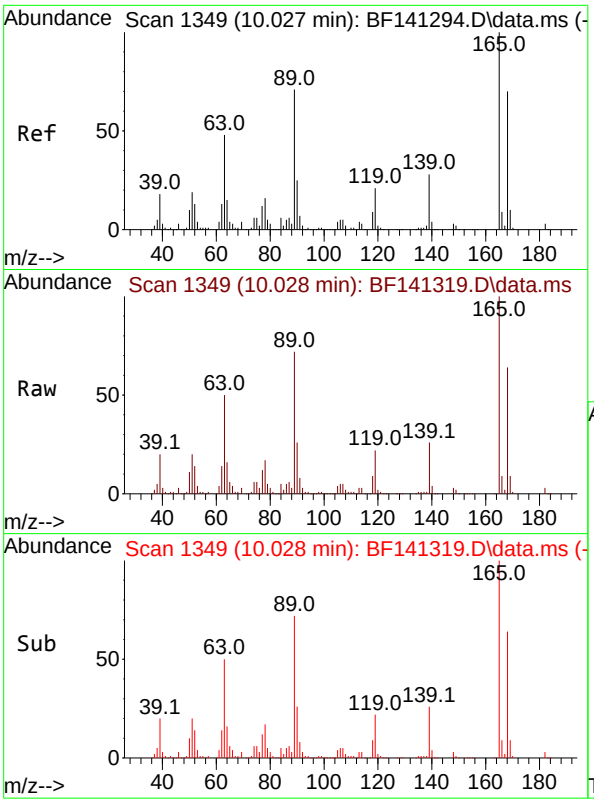


#56
4-Nitrophenol
Concen: 39.779 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:139 Resp: 142865

Ion	Ratio	Lower	Upper
139	100		
109	69.3	50.2	90.2
65	102.8	80.6	120.6



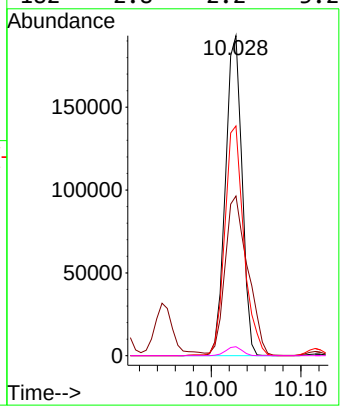


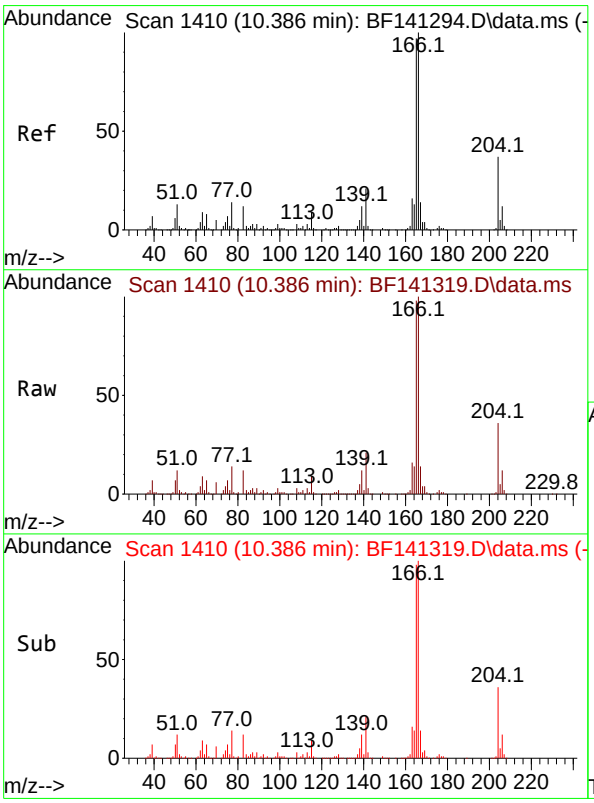
#57
2,4-Dinitrotoluene
Concen: 38.150 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 247489

Ion	Ratio	Lower	Upper
165	100		
63	49.9	39.2	58.8
89	71.8	56.9	85.3
182	2.8	2.2	3.2

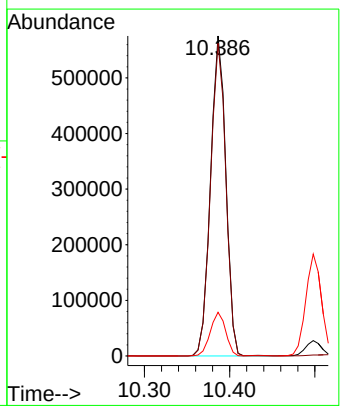


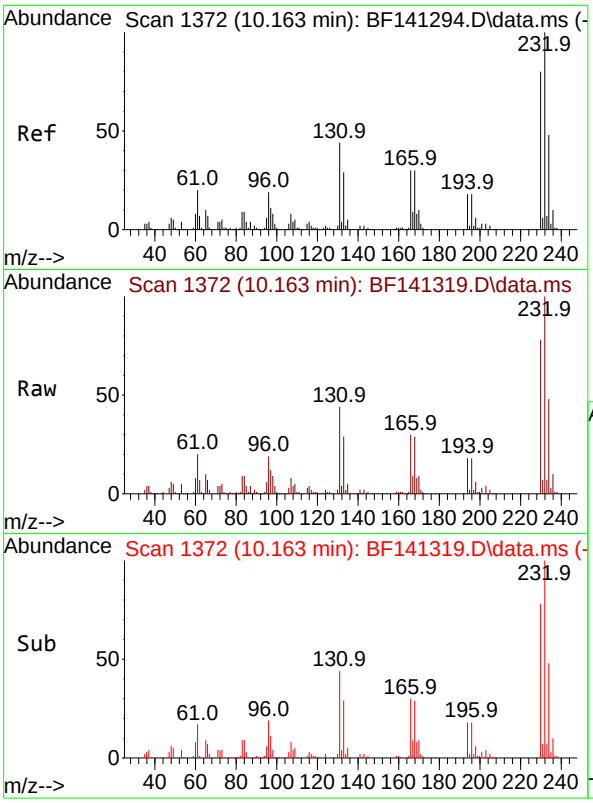


#58
Fluorene
Concen: 35.862 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:166 Resp: 723204

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.6	10.9	16.3



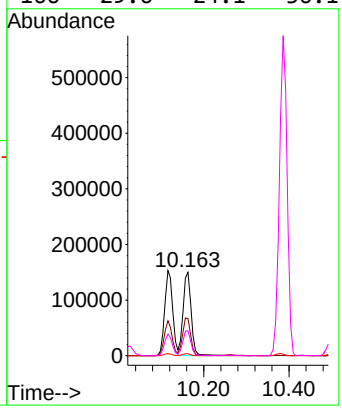


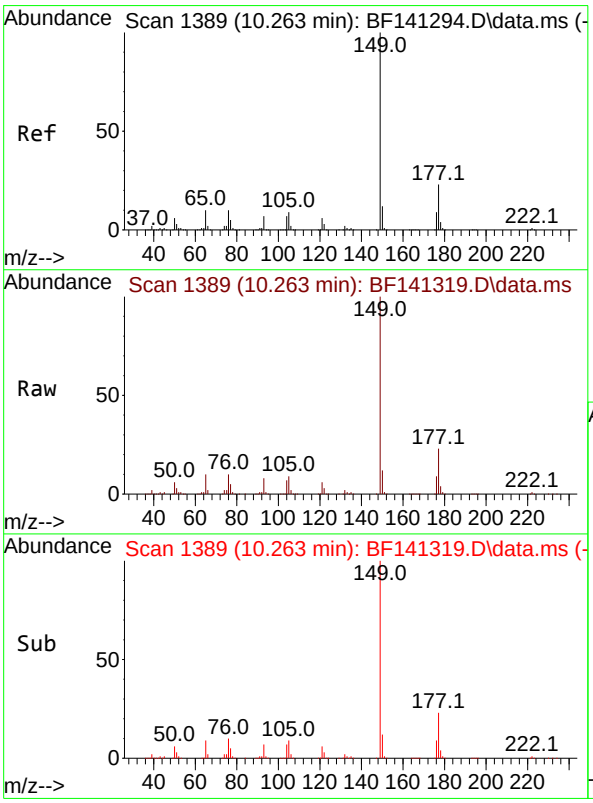
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 197432

Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.4	54.6
130	2.3	1.9	2.9
166	29.6	24.1	36.1

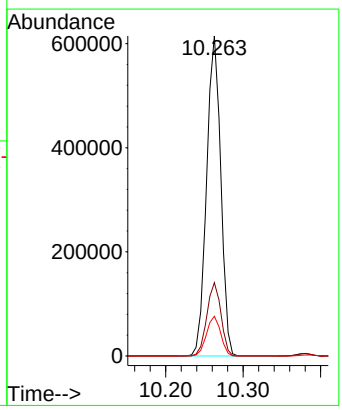


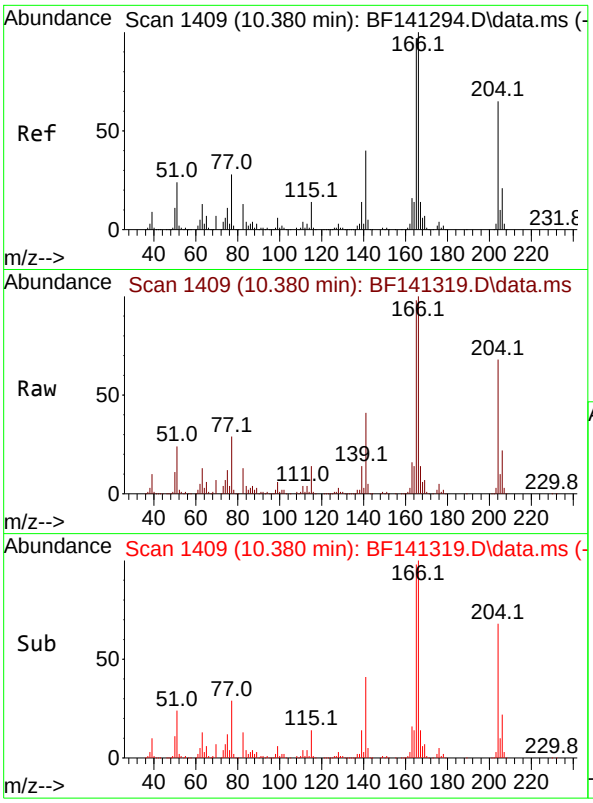


#60
Diethylphthalate
Concen: 37.235 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 779087

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.4	10.0	15.0



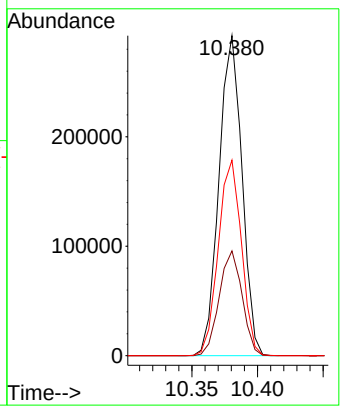


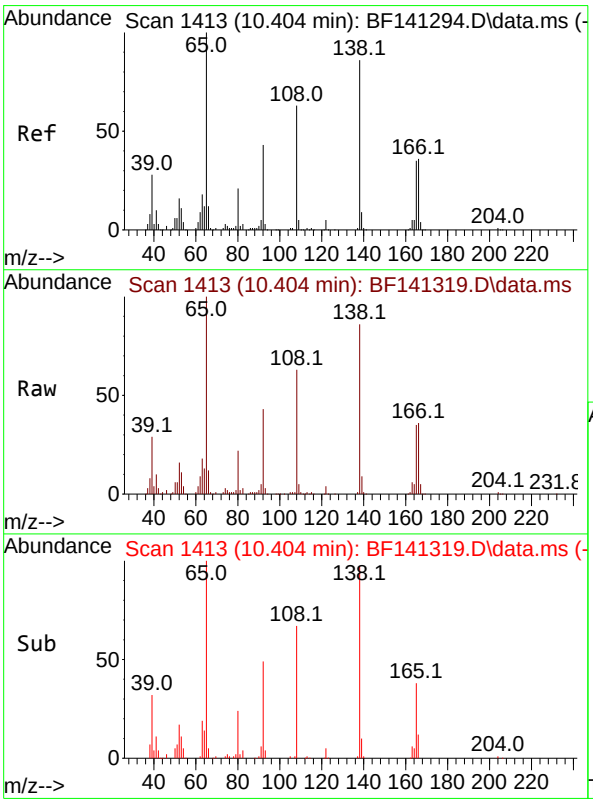
#61
4-Chlorophenyl-phenylether
Concen: 36.144 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 356042

Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.9	38.9
141	61.1	49.5	74.3

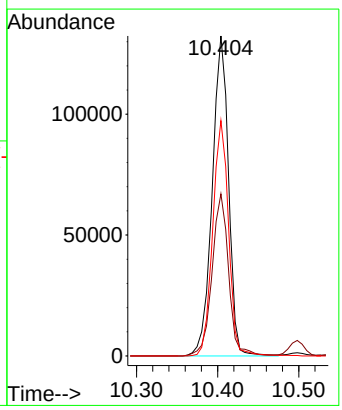


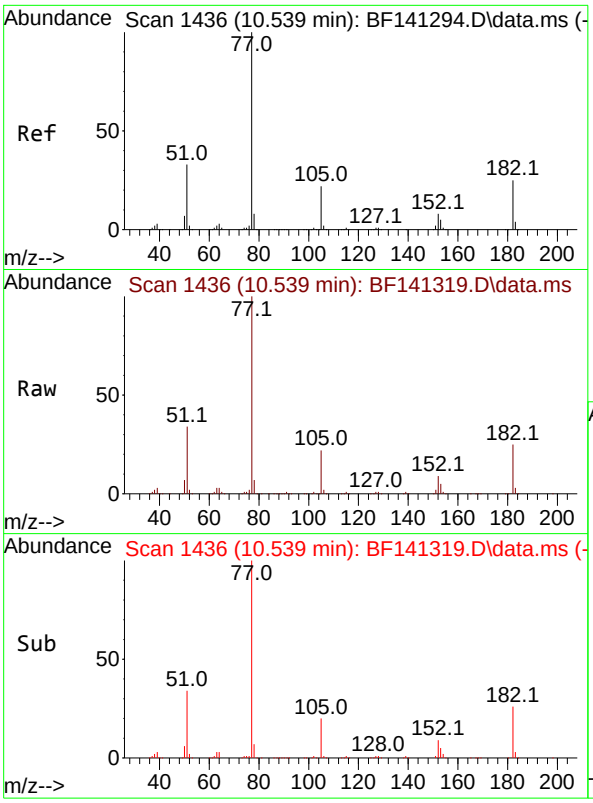


#62
4-Nitroaniline
Concen: 38.331 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:138 Resp: 185062

Ion	Ratio	Lower	Upper
138	100		
92	50.6	30.1	70.1
108	73.5	53.1	93.1



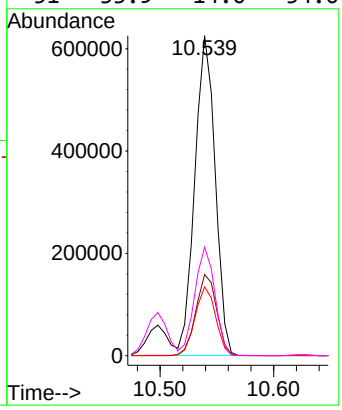


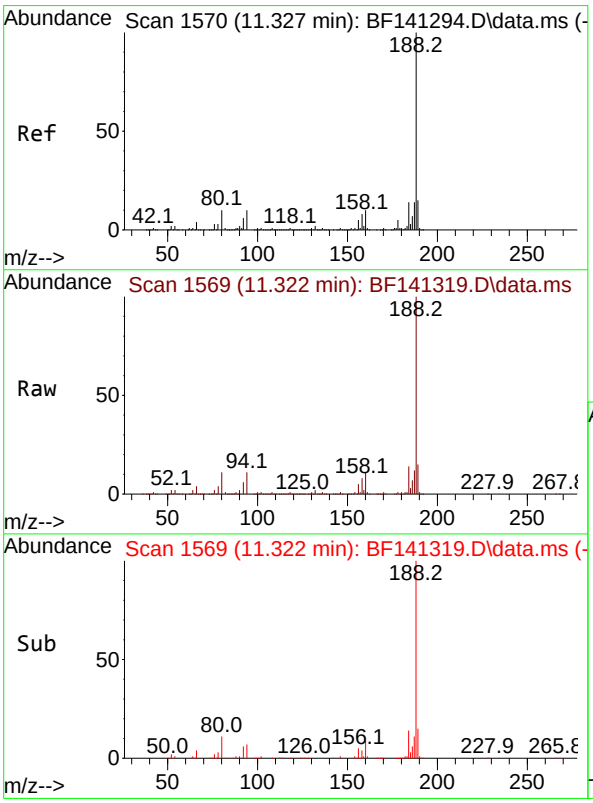
#63
Azobenzene
Concen: 37.170 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 778507

Ion	Ratio	Lower	Upper
77	100		
182	25.4	5.1	45.1
105	21.5	1.8	41.8
51	33.9	14.0	54.0

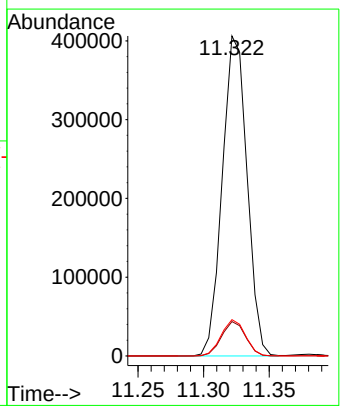


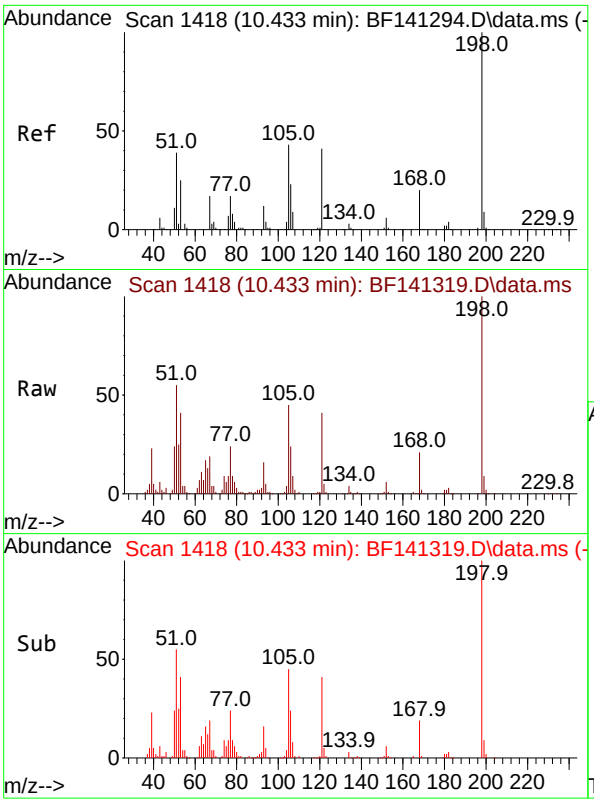


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:188 Resp: 533134

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.8	11.6
80	11.4	8.2	12.4



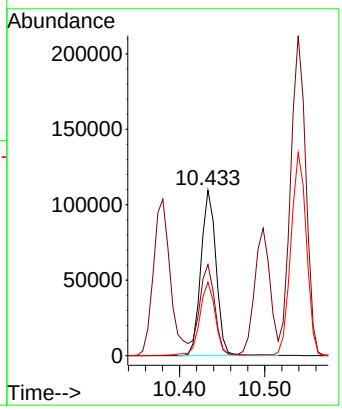


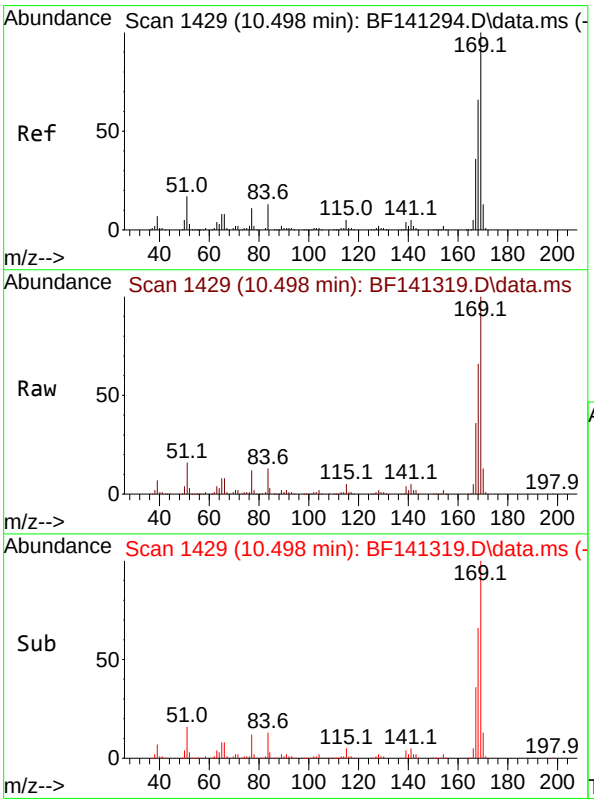
#65
4,6-Dinitro-2-methylphenol
Concen: 42.895 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 135268

Ion	Ratio	Lower	Upper
198	100		
51	55.1	33.4	73.4
105	44.5	24.4	64.4

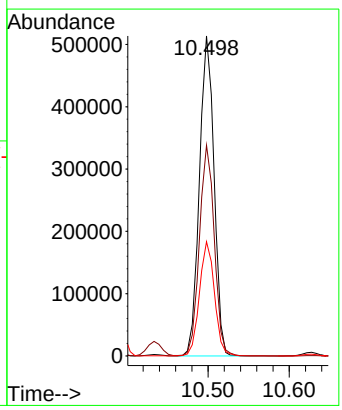


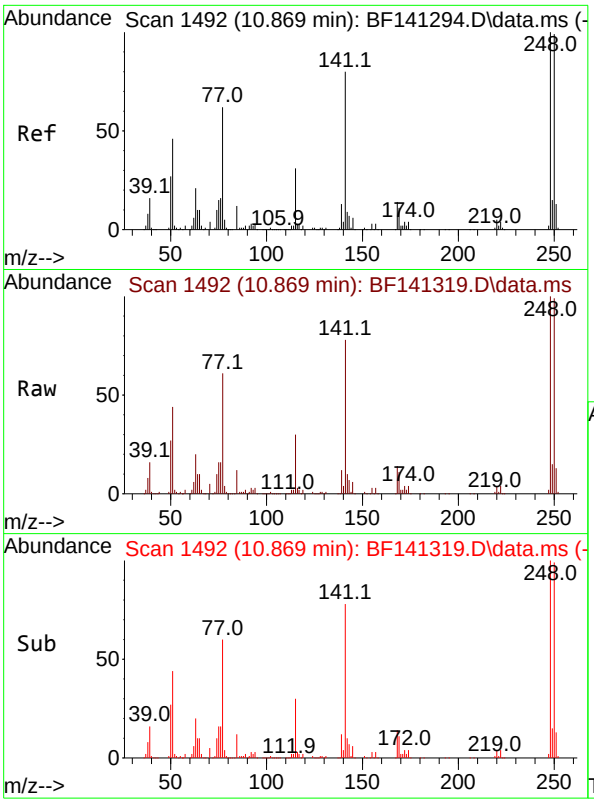


#66
n-Nitrosodiphenylamine
Concen: 37.318 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:169 Resp: 643501

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.4
167	35.7	28.8	43.2



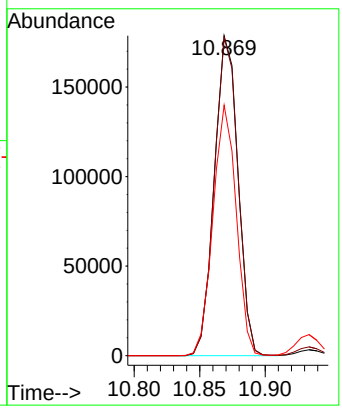


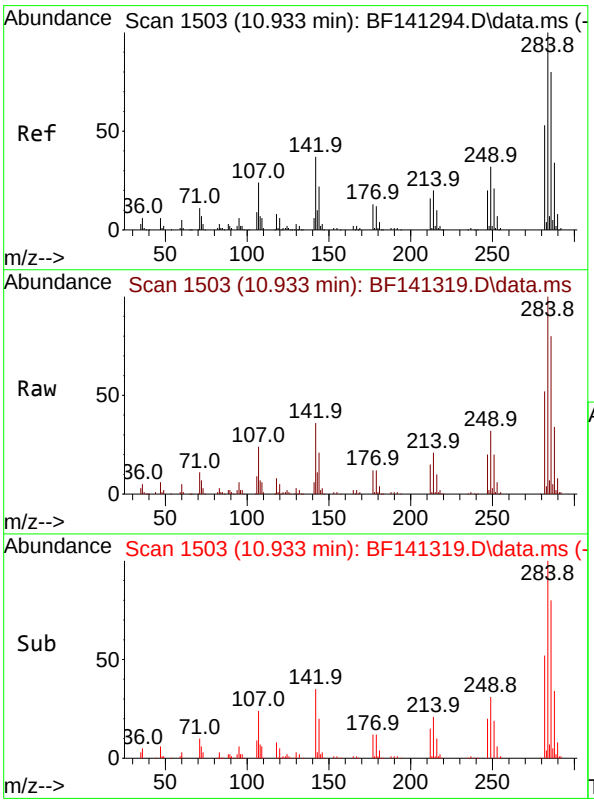
#67
4-Bromophenyl-phenylether
Concen: 37.613 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 224498

Ion	Ratio	Lower	Upper
248	100		
250	99.4	79.0	118.4
141	78.3	63.7	95.5

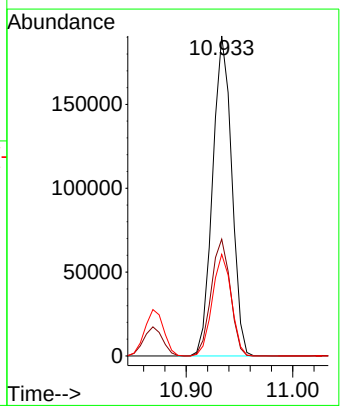


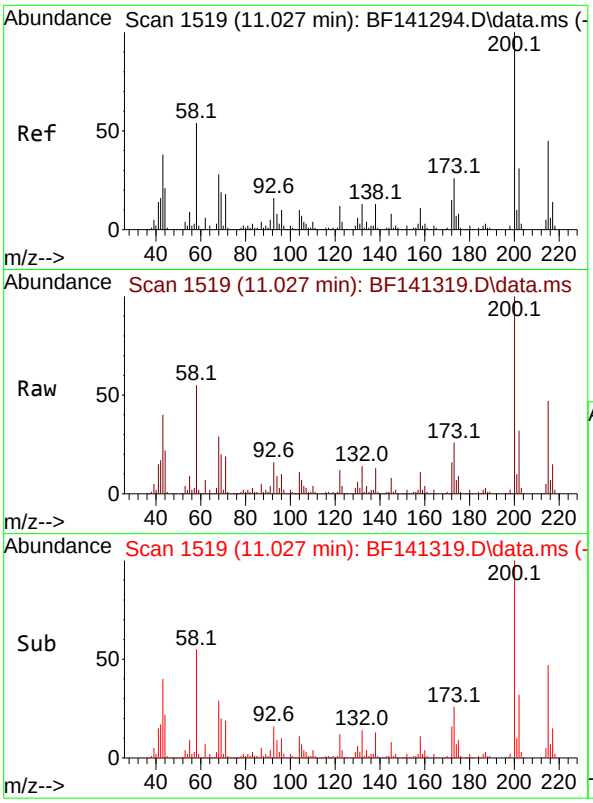


#68
Hexachlorobenzene
Concen: 37.501 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:284 Resp: 237426

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.5	44.3
249	31.8	25.4	38.2



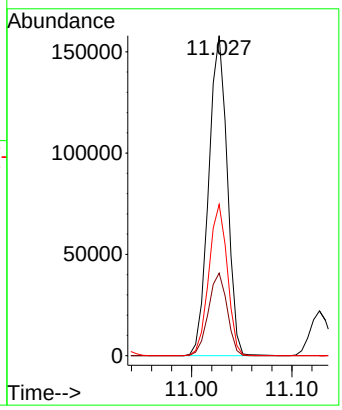


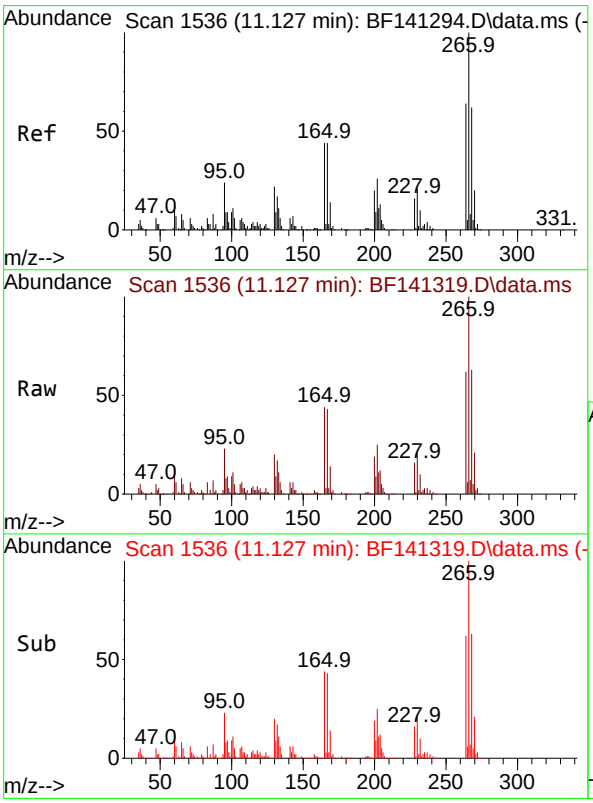
#69
Atrazine
Concen: 35.279 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:200 Resp: 203394

Ion	Ratio	Lower	Upper
200	100		
173	25.8	5.9	45.9
215	47.2	25.2	65.2

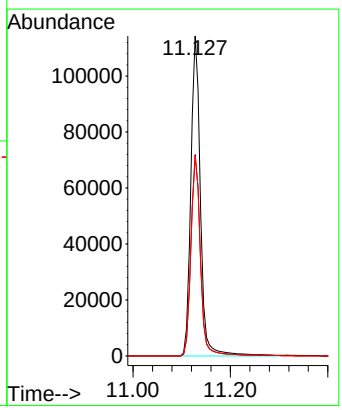


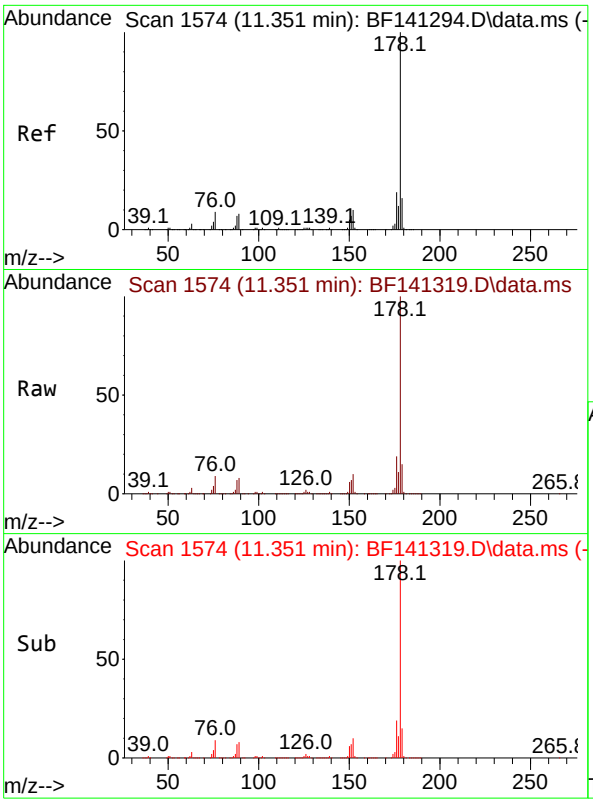


#70
Pentachlorophenol
Concen: 42.389 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:266 Resp: 157156

Ion	Ratio	Lower	Upper
266	100		
268	63.0	49.9	74.9
264	62.4	51.0	76.4



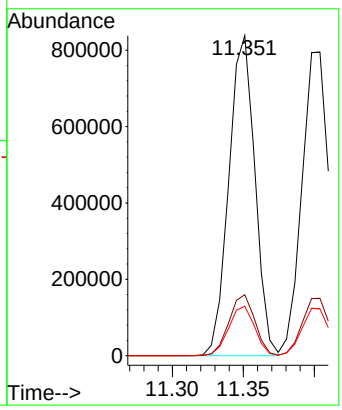


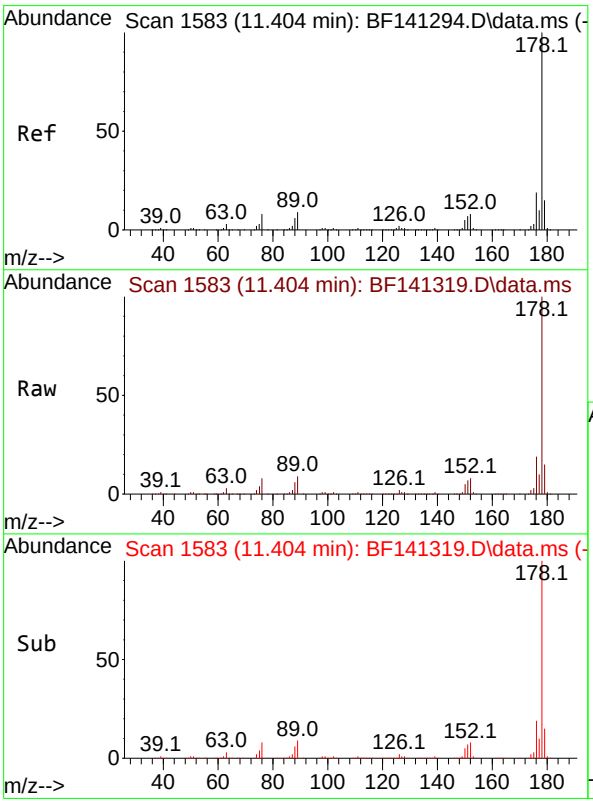
#71
Phenanthrene
Concen: 37.346 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1070271

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.5	18.7

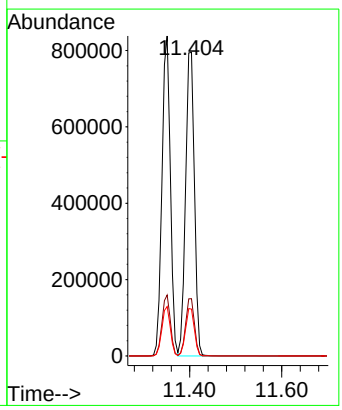


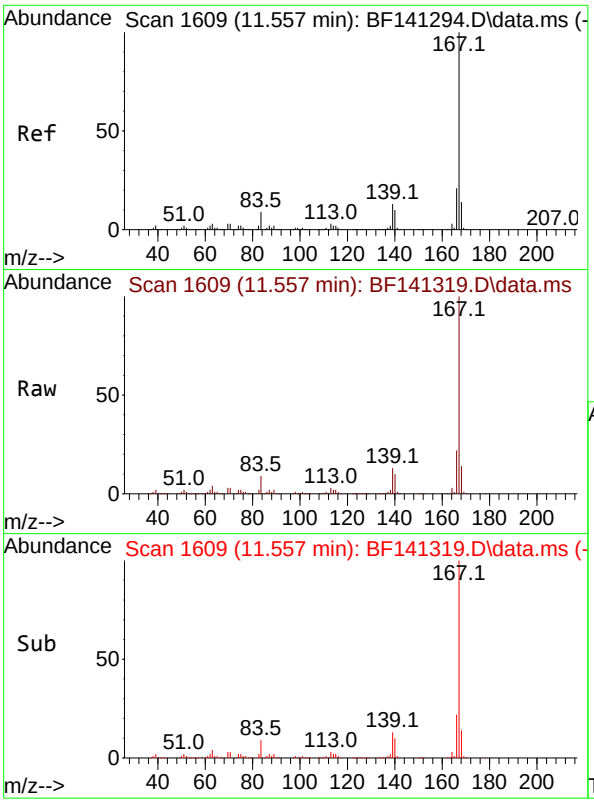


#72
Anthracene
Concen: 37.774 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:178 Resp: 1060701

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.3	18.5



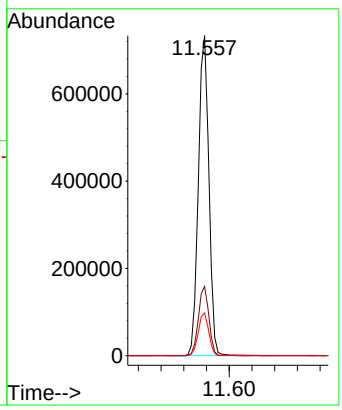


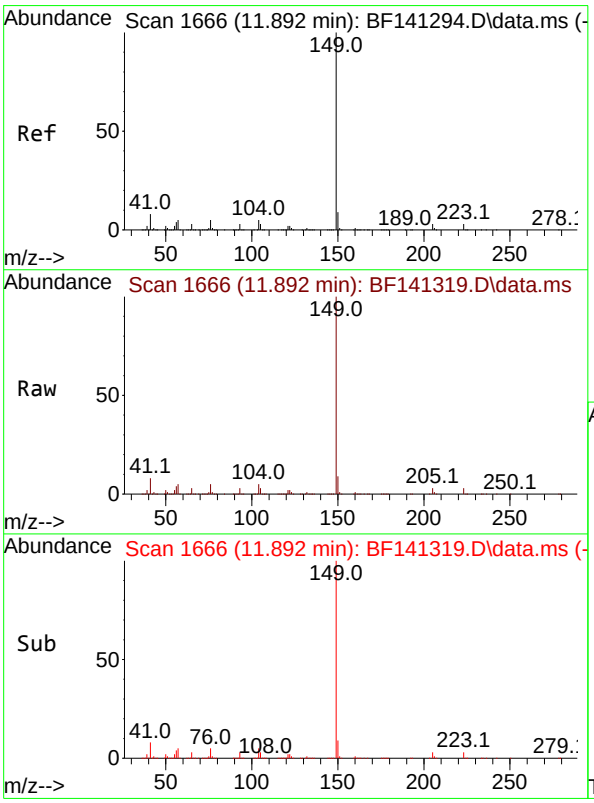
#73
Carbazole
Concen: 38.041 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:167 Resp: 947189

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	13.4	10.6	16.0

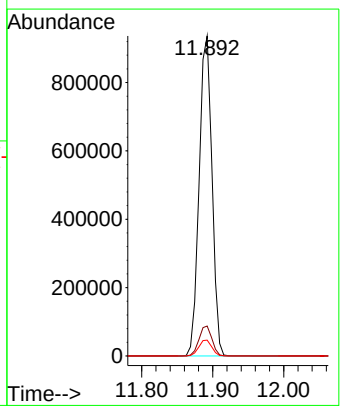


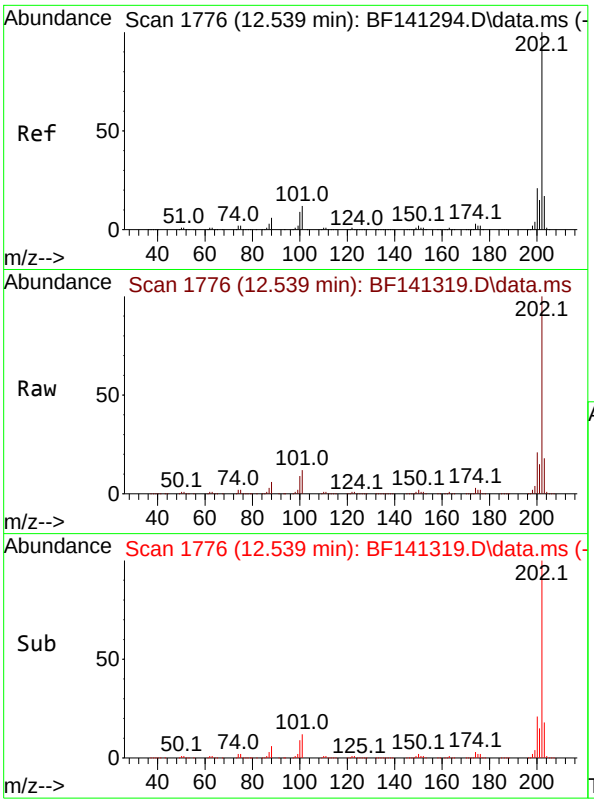


#74
Di-n-butylphthalate
Concen: 39.126 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 1180612

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	3.9	5.9



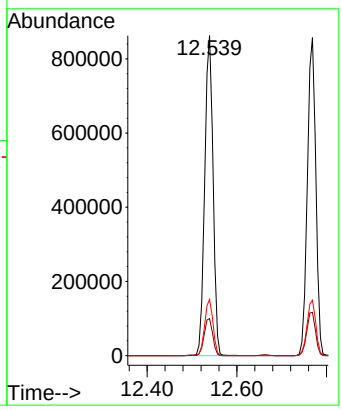


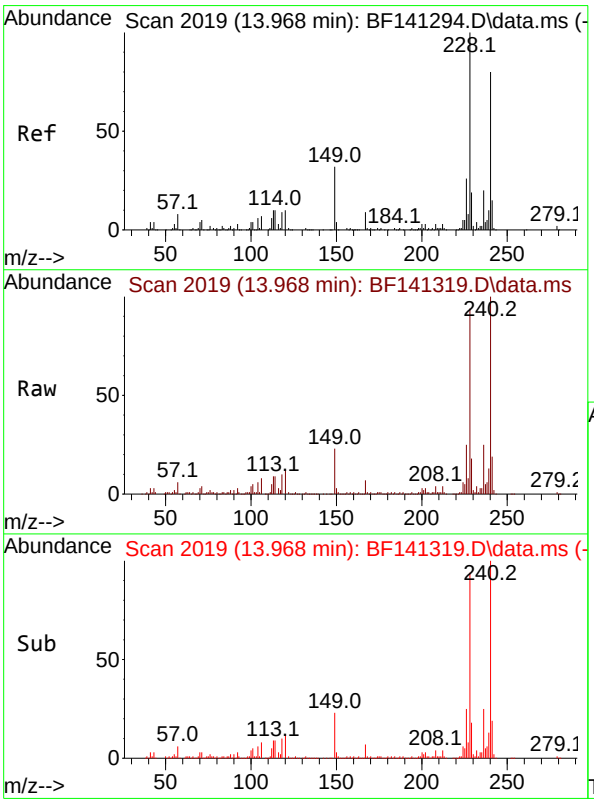
#75
Fluoranthene
Concen: 39.305 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:202 Resp: 1112201

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.7
203	17.6	0.0	37.5

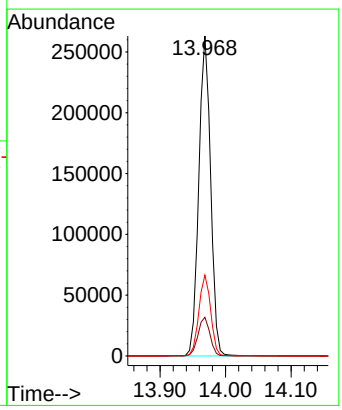


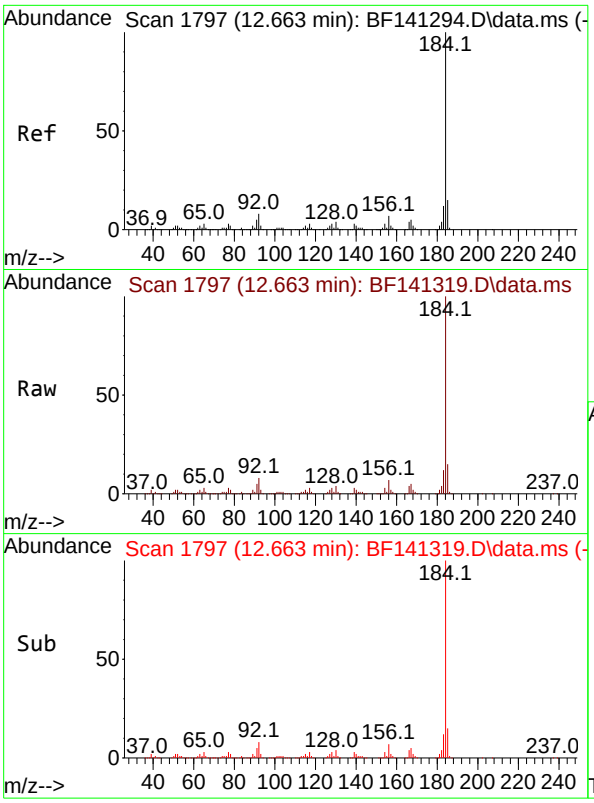


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:240 Resp: 330369

Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.0	15.0
236	25.3	19.7	29.5



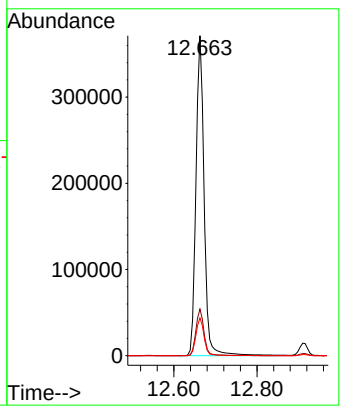


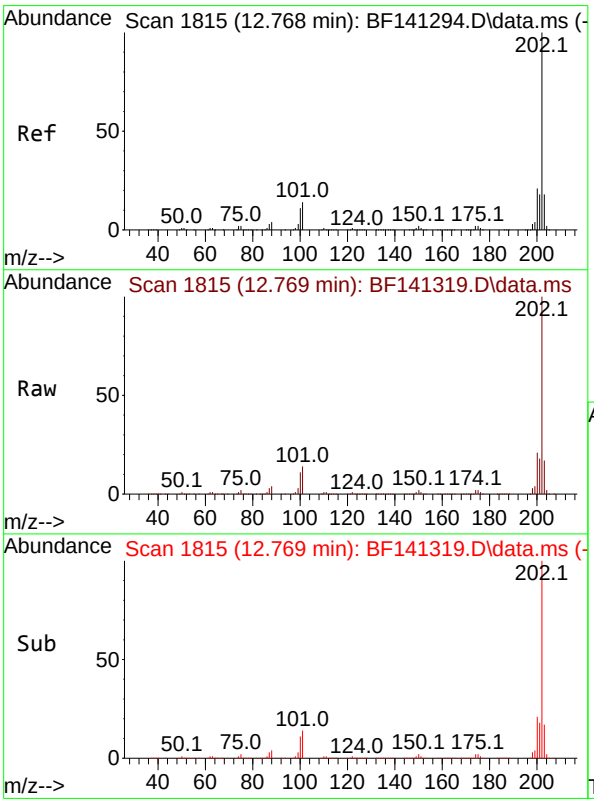
#77
Benzidine
Concen: 48.042 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 508814

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.9	17.9
183	11.8	9.5	14.3

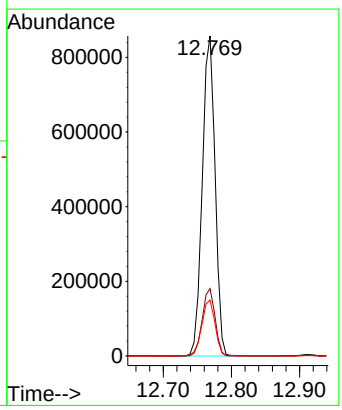


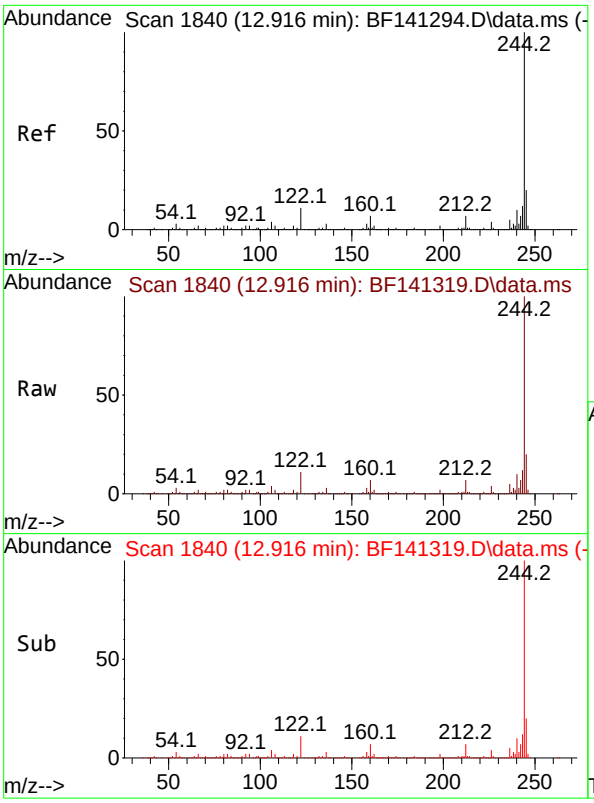


#78
Pyrene
Concen: 35.343 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:202 Resp: 1120815

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.3	21.5



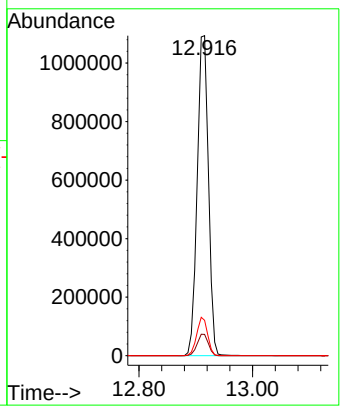


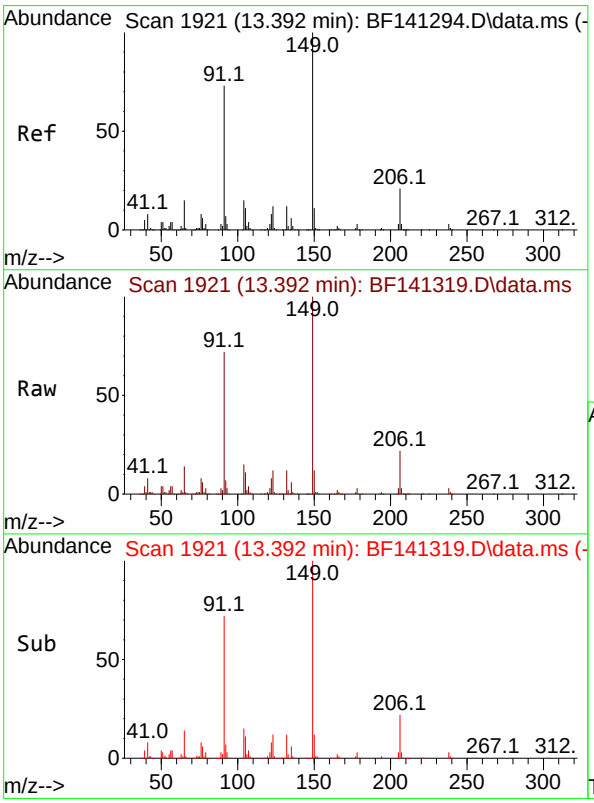
#79
Terphenyl-d14
Concen: 70.329 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:244 Resp: 1506599

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

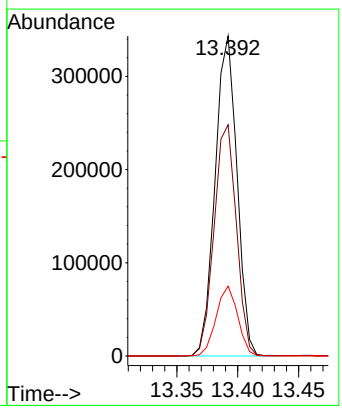


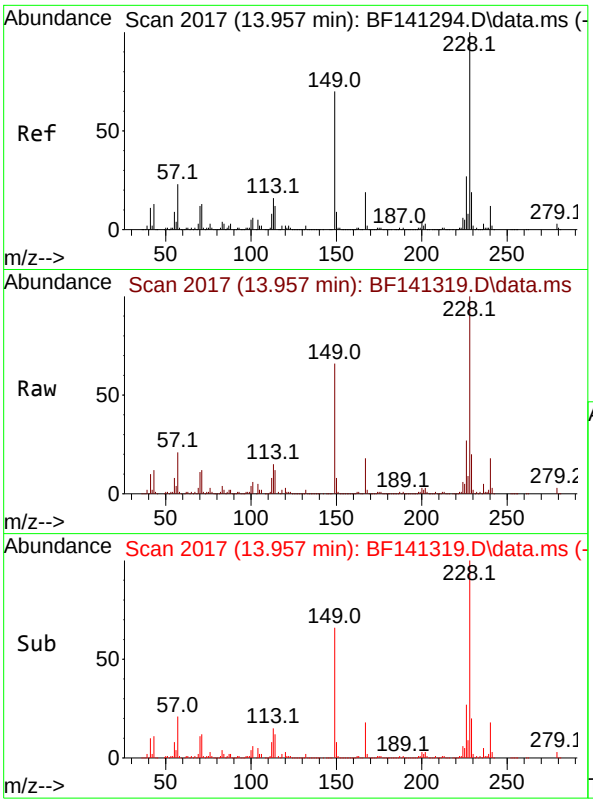


#80
Butylbenzylphthalate
Concen: 38.853 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 430451

Ion	Ratio	Lower	Upper
149	100		
91	72.3	58.6	87.8
206	21.8	16.7	25.1



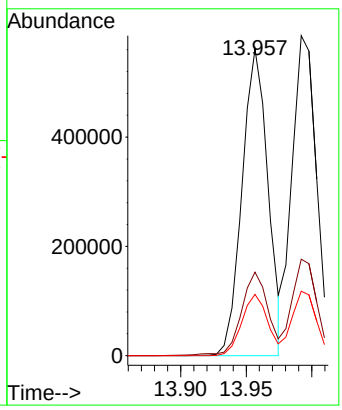


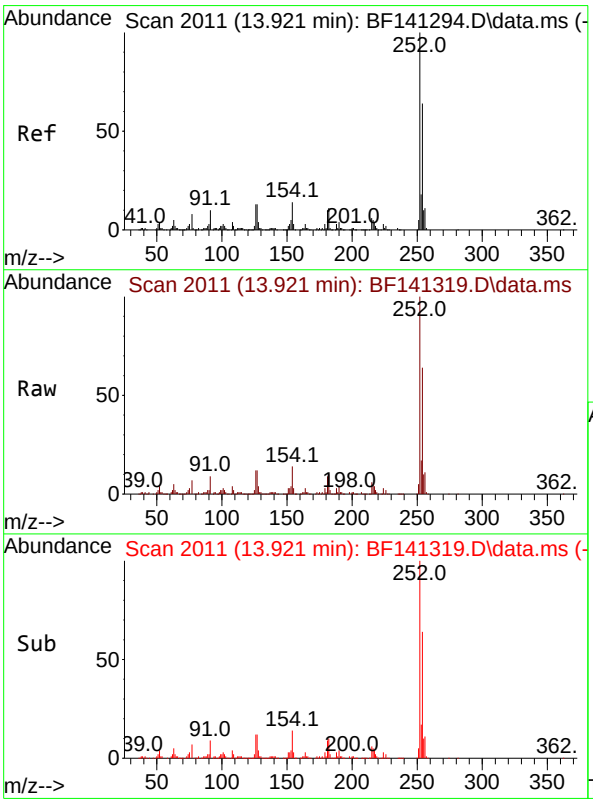
#81
Benzo(a)anthracene
Concen: 33.869 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 772115

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	20.0	15.5	23.3

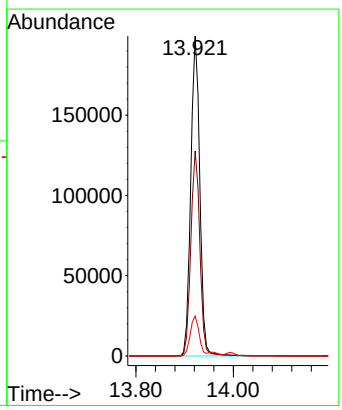


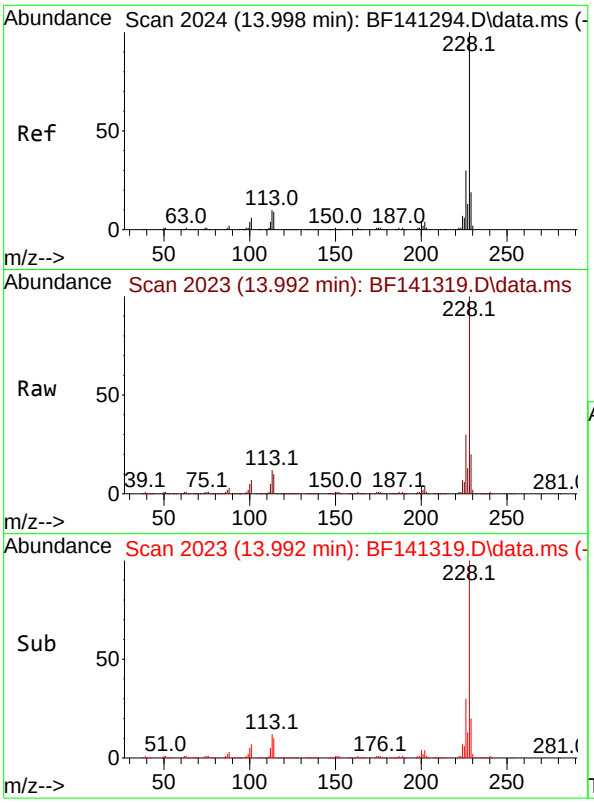


#82
3,3'-Dichlorobenzidine
Concen: 35.631 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 258352

Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.5	10.0	15.0



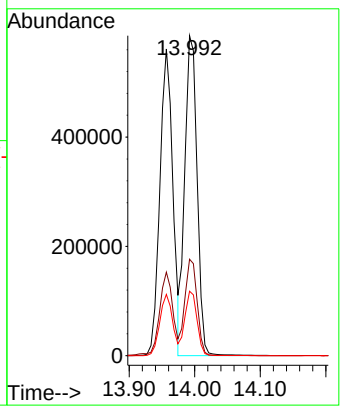


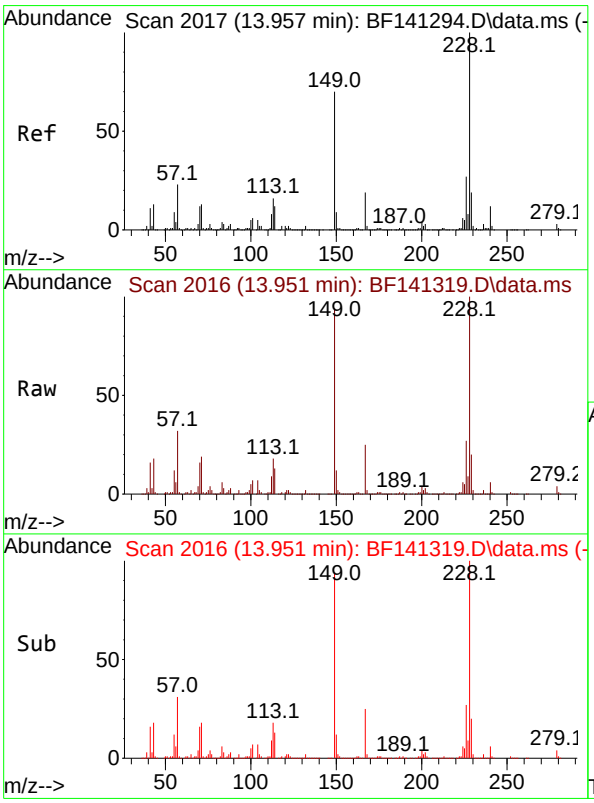
#83
Chrysene
Concen: 36.546 ng
RT: 13.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:228 Resp: 763560

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.2	15.6	23.4

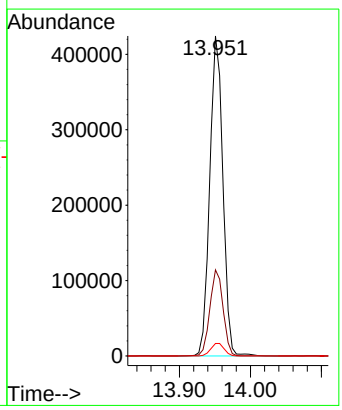


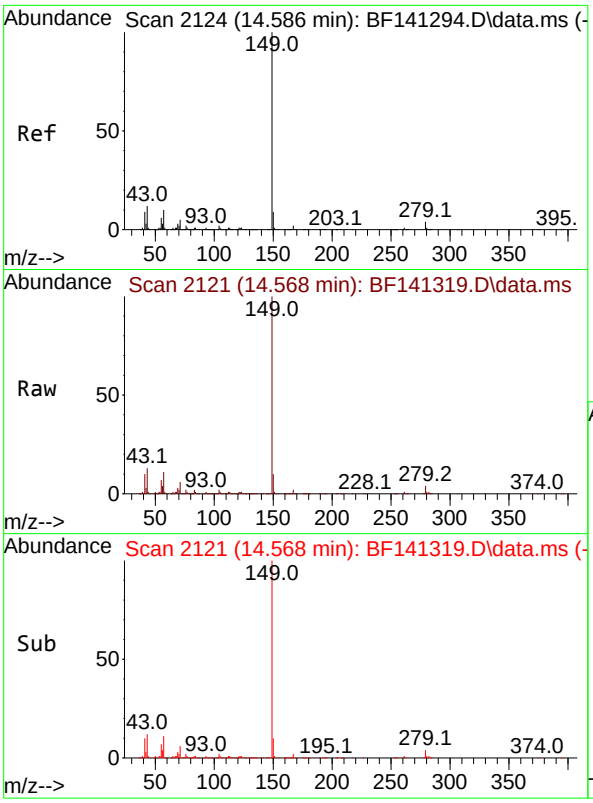


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.782 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:149 Resp: 545048

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.9	3.3	4.9



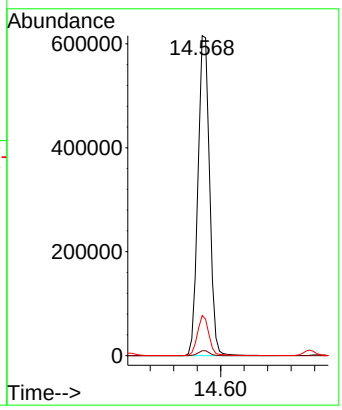


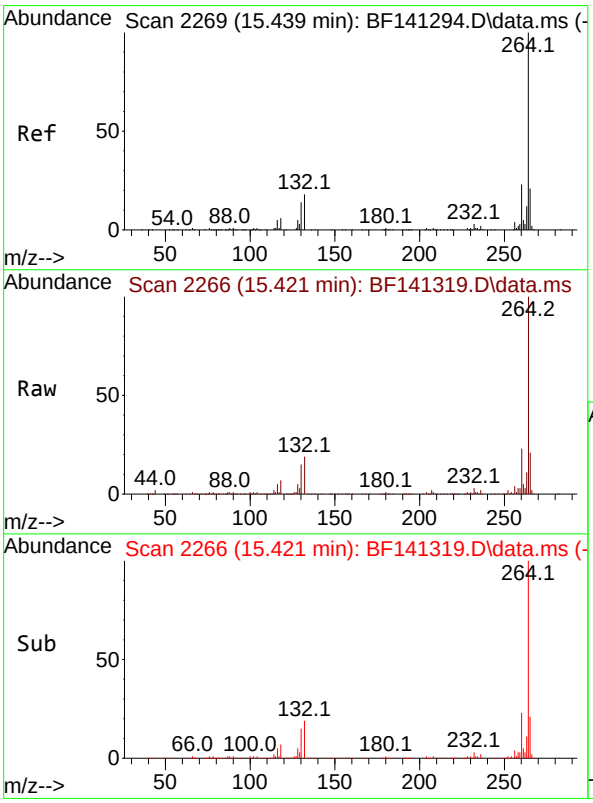
#85
Di-n-octyl phthalate
Concen: 38.619 ng
RT: 14.568 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 843000

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.3	9.8	14.8

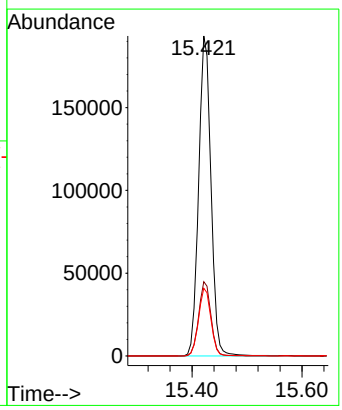


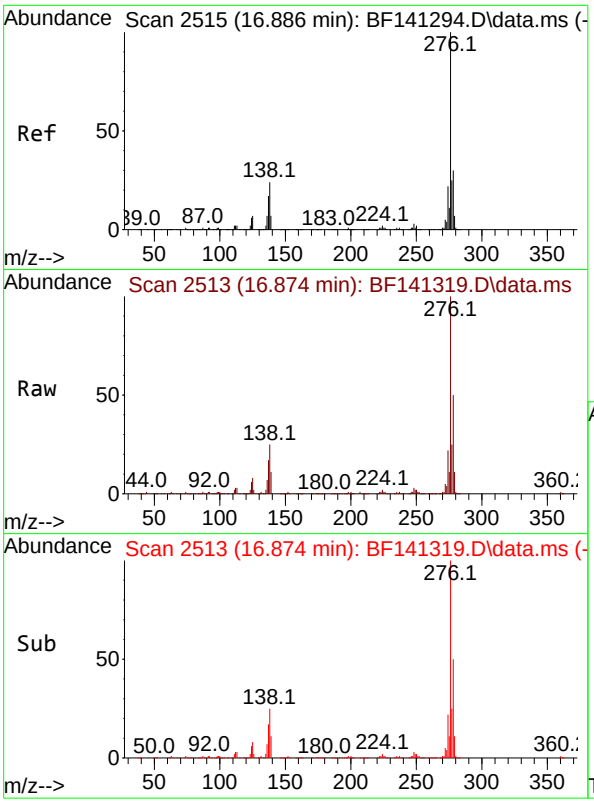


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:264 Resp: 300994

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.2	16.7	25.1



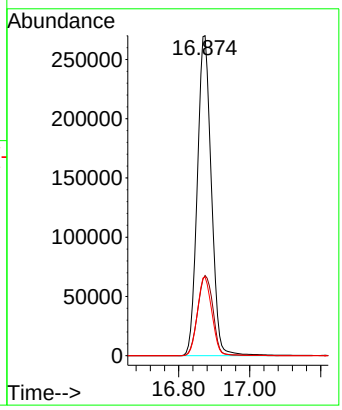


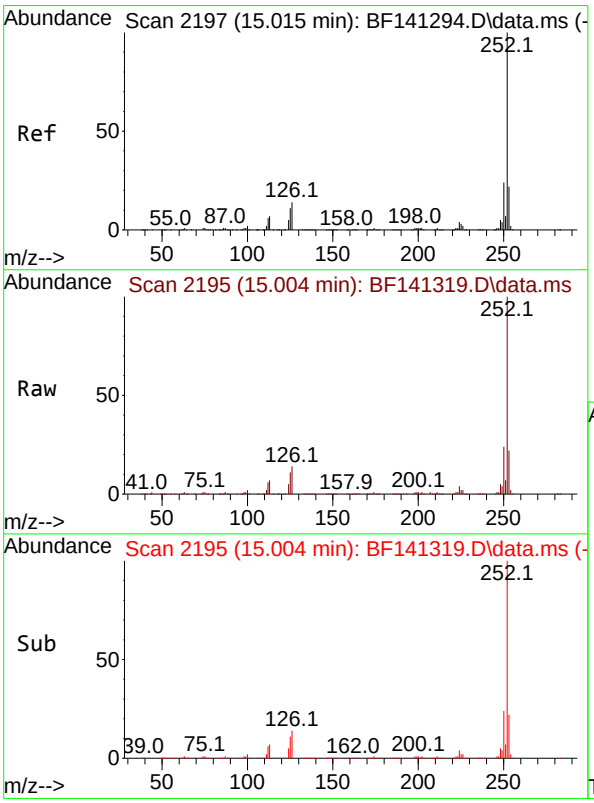
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.201 ng
RT: 16.874 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:276 Resp: 742134

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.7	32.5
277	25.4	20.3	30.5

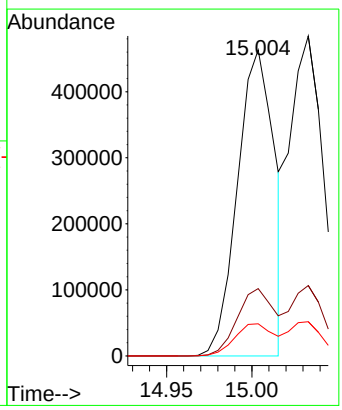


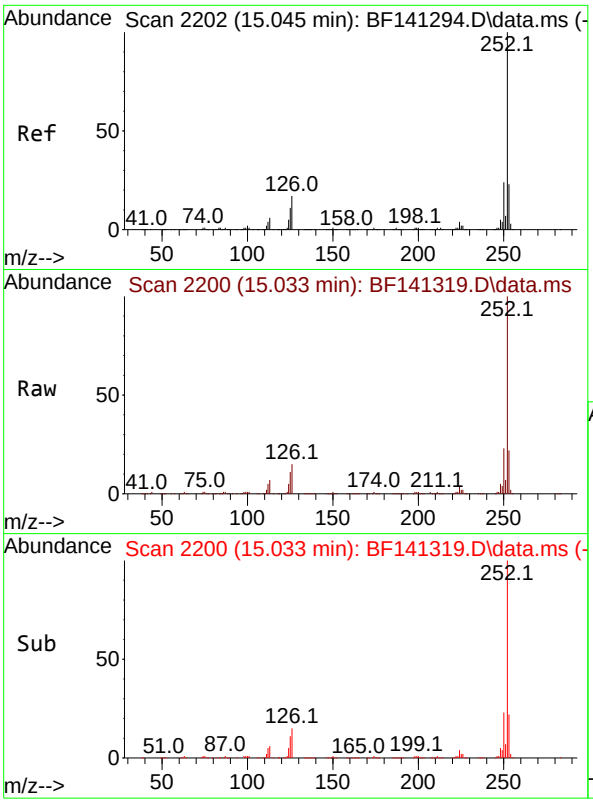


#88
Benzo(b)fluoranthene
Concen: 36.848 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 697649

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.5	8.6	12.8



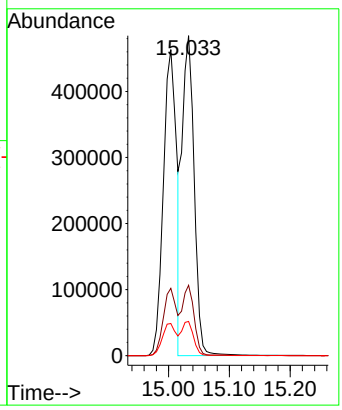


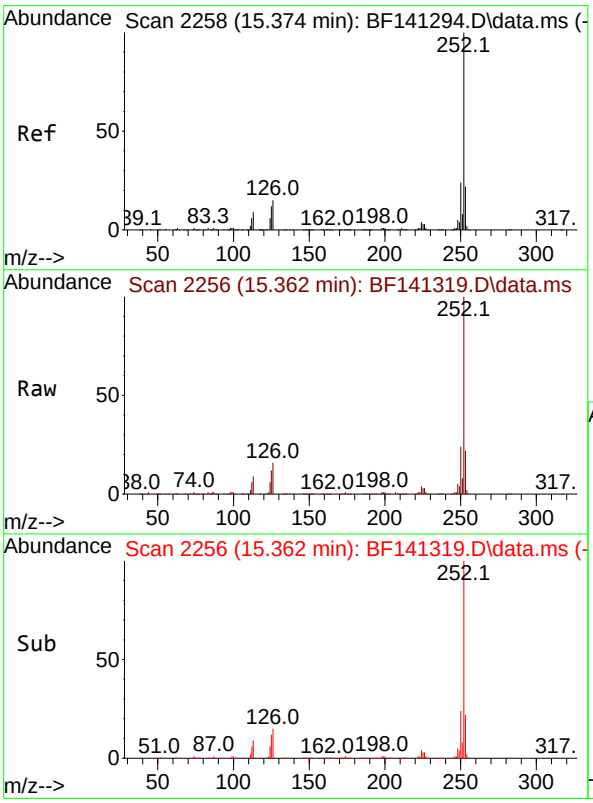
#89
Benzo(k)fluoranthene
Concen: 39.698 ng
RT: 15.033 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 665836

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.7	8.4	12.6

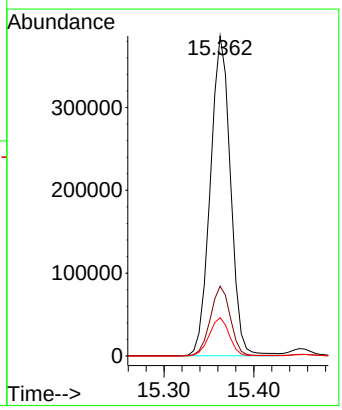


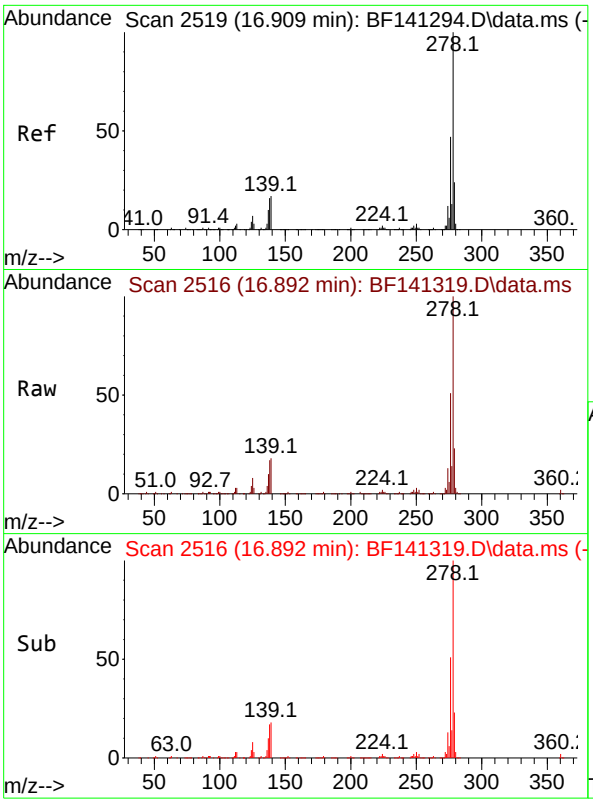


#90
Benzo(a)pyrene
Concen: 37.684 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:252 Resp: 602926

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.9	9.4	14.2



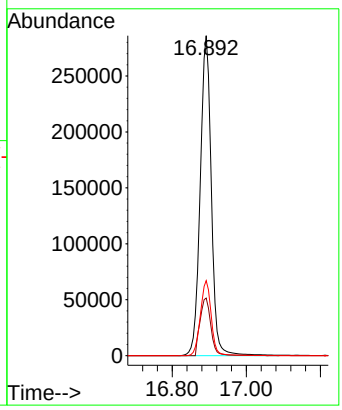


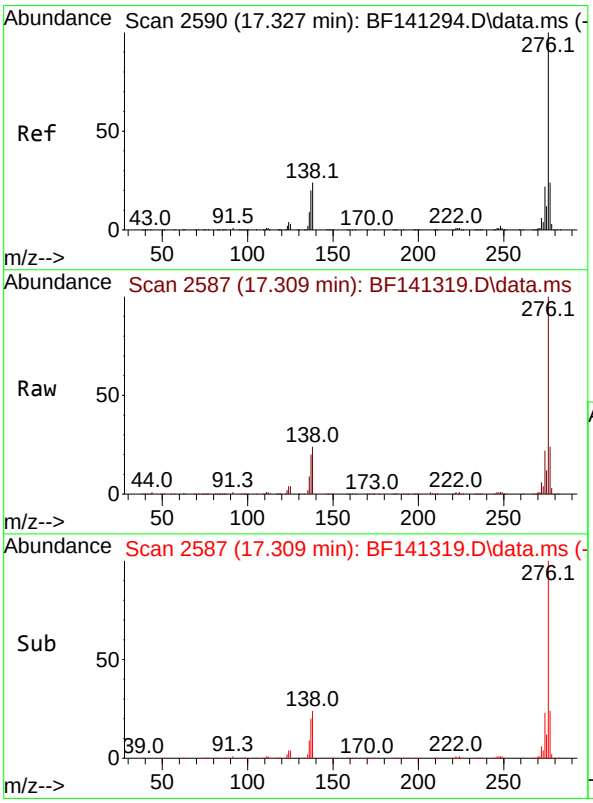
#91
Dibenzo(a,h)anthracene
Concen: 38.060 ng
RT: 16.892 min Scan# 2
Delta R.T. -0.030 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 594869

Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.9	20.9
279	23.5	18.8	28.2

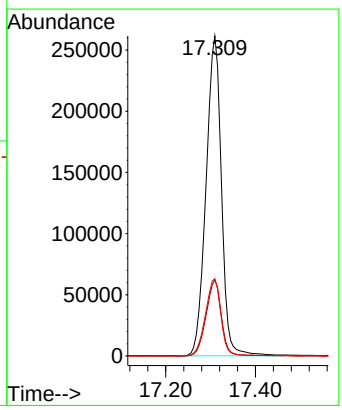




#92
Benzo(g,h,i)perylene
Concen: 38.327 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141319.D
Acq: 31 Jan 2025 09:22

Tgt Ion:276 Resp: 622871

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.2	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	157375	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	639100	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341634	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	567661	20.000	ng	0.00
76) Chrysene-d12	13.968	240	360251	20.000	ng	0.00
86) Perylene-d12	15.427	264	306952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1198128	116.878	ng	0.00
7) Phenol-d6	6.434	99	1524170	116.878	ng	0.00
23) Nitrobenzene-d5	7.363	82	984991	81.247	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	392837	125.427	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1711912	77.128	ng	0.00
79) Terphenyl-d14	12.916	244	1923163	82.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	161856	35.901	ng	99
3) Pyridine	3.310	79	393522	36.228	ng	99
4) n-Nitrosodimethylamine	3.257	42	237037	38.199	ng	98
6) Aniline	6.463	93	454604	41.182	ng	97
8) 2-Chlorophenol	6.581	128	434676	39.561	ng	98
9) Benzaldehyde	6.351	77	371187	49.140	ng	99
10) Phenol	6.445	94	522357	37.787	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	402104	37.937	ng	99
12) 1,3-Dichlorobenzene	6.739	146	436015	35.991	ng	99
13) 1,4-Dichlorobenzene	6.816	146	440169	36.167	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424389	37.239	ng	98
15) Benzyl Alcohol	6.939	79	366635	41.140	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	733035	39.771	ng	99
17) 2-Methylphenol	7.051	107	354888	39.742	ng	99
18) Hexachloroethane	7.310	117	164916	36.732	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	296992	38.327	ng	96
20) 3+4-Methylphenols	7.204	107	413807	37.741	ng	95
22) Acetophenone	7.210	105	621280	40.897	ng	99
24) Nitrobenzene	7.381	77	449375	35.768	ng	100
25) Isophorone	7.622	82	828323	39.526	ng	99
26) 2-Nitrophenol	7.698	139	226262	38.187	ng	99
27) 2,4-Dimethylphenol	7.734	122	365777	48.501	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	505927	37.848	ng	99
29) 2,4-Dichlorophenol	7.939	162	349567	37.862	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	368330	34.933	ng	100
31) Naphthalene	8.104	128	1216274	36.025	ng	100
32) Benzoic acid	7.857	122	302716	43.663	ng	99
33) 4-Chloroaniline	8.151	127	164703	14.386	ng	98
34) Hexachlorobutadiene	8.222	225	217527	35.179	ng	99
35) Caprolactam	8.522	113	86597	28.719	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	388117	39.190	ng	97
37) 2-Methylnaphthalene	8.792	142	768048	35.792	ng	99
38) 1-Methylnaphthalene	8.892	142	759228	36.018	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	388845	40.008	ng	98
41) Hexachlorocyclopentadiene	8.945	237	451802	157.404	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	249335	39.194	ng	100

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	259595	37.493	ng	98
46) 1,1'-Biphenyl	9.257	154	1087669	40.823	ng	99
47) 2-Chloronaphthalene	9.286	162	745432	35.895	ng	98
48) 2-Nitroaniline	9.380	65	254788	39.006	ng	99
49) Acenaphthylene	9.698	152	1166625	40.131	ng	100
50) Dimethylphthalate	9.563	163	886423	38.417	ng	99
51) 2,6-Dinitrotoluene	9.622	165	200607	37.444	ng	99
52) Acenaphthene	9.875	154	871464	41.962	ng	99
53) 3-Nitroaniline	9.792	138	107700	20.511	ng	100
54) 2,4-Dinitrophenol	9.898	184	233111	93.602	ng	95
55) Dibenzofuran	10.045	168	1049171	37.742	ng	99
56) 4-Nitrophenol	9.957	139	337626	87.919	ng	99
57) 2,4-Dinitrotoluene	10.027	165	275815	39.763	ng	98
58) Fluorene	10.386	166	799362	37.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	224854	41.280	ng	99
60) Diethylphthalate	10.263	149	857103	38.310	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	381746	36.243	ng	99
62) 4-Nitroaniline	10.410	138	203068	39.336	ng	99
63) Azobenzene	10.539	77	875236	39.082	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	154237	45.935	ng	97
66) n-Nitrosodiphenylamine	10.498	169	730726	39.799	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	251332	39.548	ng	98
68) Hexachlorobenzene	10.933	284	262205	38.896	ng	99
69) Atrazine	11.027	200	281085	45.789	ng	99
70) Pentachlorophenol	11.127	266	332283	84.175	ng	99
71) Phenanthrene	11.351	178	1227588	40.230	ng	100
72) Anthracene	11.404	178	1253177	41.915	ng	100
73) Carbazole	11.557	167	1085415	40.941	ng	99
74) Di-n-butylphthalate	11.892	149	1338697	41.666	ng	100
75) Fluoranthene	12.539	202	1243504	41.272	ng	99
77) Benzidine	12.663	184	666846	57.740	ng	100
78) Pyrene	12.768	202	1267965	36.667	ng	100
80) Butylbenzylphthalate	13.392	149	522487	43.249	ng	100
81) Benzo(a)anthracene	13.957	228	916653	36.874	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147134	18.609	ng	99
83) Chrysene	13.998	228	912171	40.038	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	631697	41.219	ng	99
85) Di-n-octyl phthalate	14.574	149	1001969	42.094	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	815928	41.185	ng	99
88) Benzo(b)fluoranthene	15.010	252	777569	40.272	ng	100
89) Benzo(k)fluoranthene	15.039	252	754365	44.103	ng	100
90) Benzo(a)pyrene	15.368	252	713591	43.735	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	650927	40.839	ng	100
92) Benzo(g,h,i)perylene	17.315	276	637520	38.467	ng	99

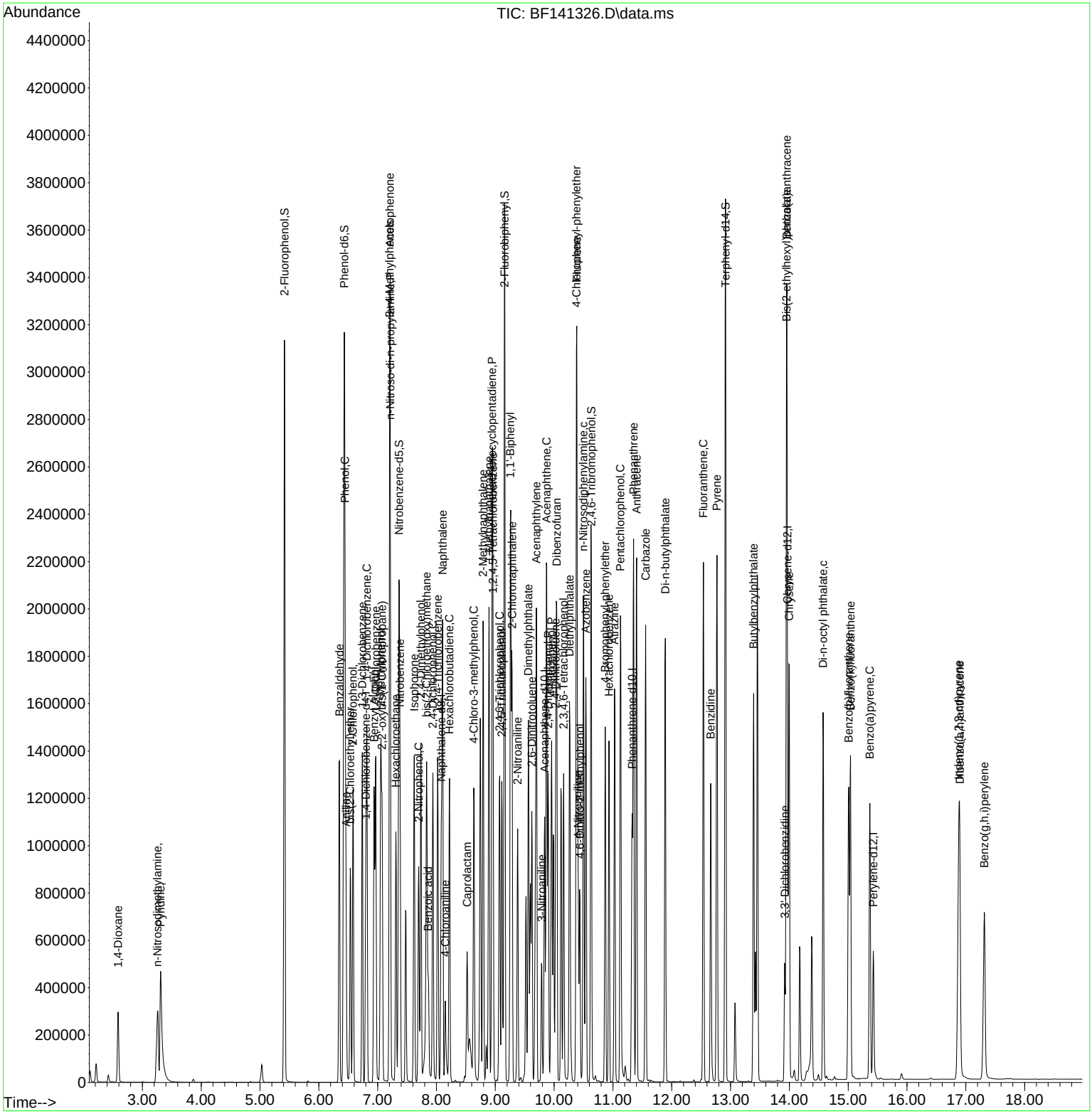
(#) = qualifier out of range (m) = manual integration (+) = signals summed

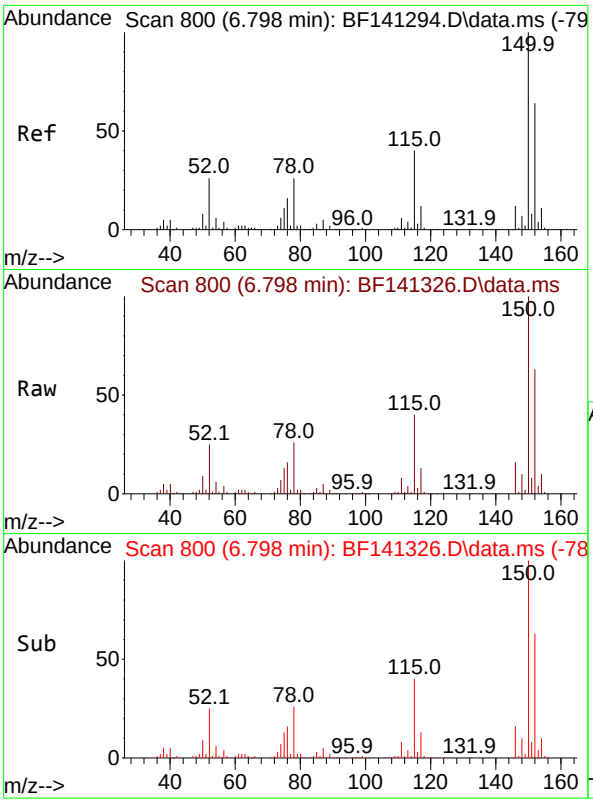
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141326.D
Acq On : 31 Jan 2025 12:28
Operator : RC/JU
Sample : PB166363BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Quant Time: Jan 31 12:58:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



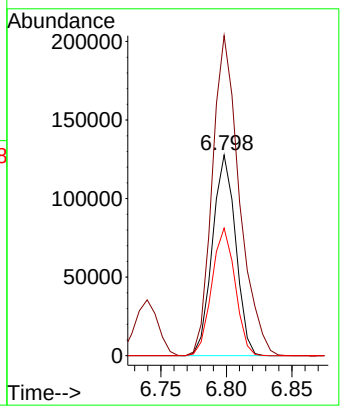


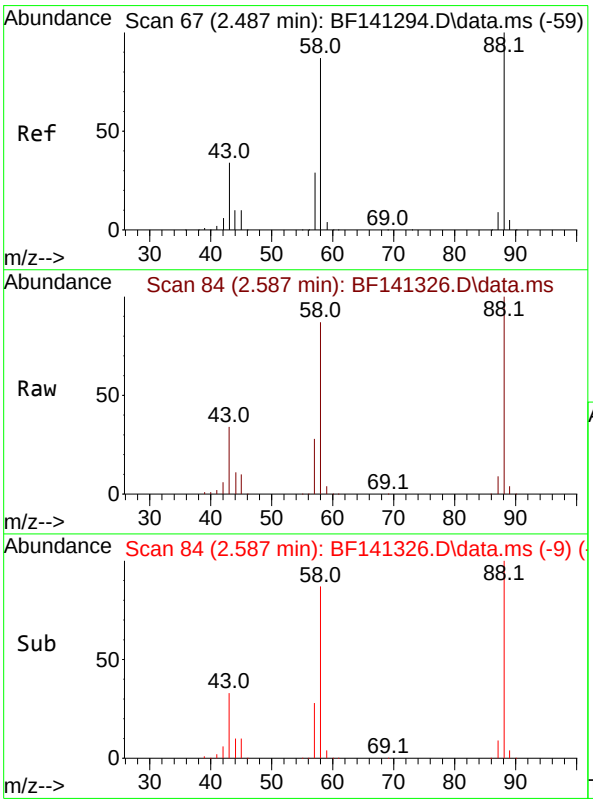
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:152 Resp: 157375

Ion	Ratio	Lower	Upper
152	100		
150	159.5	125.9	188.9
115	63.6	49.7	74.5

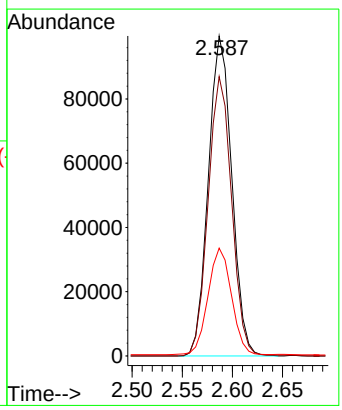


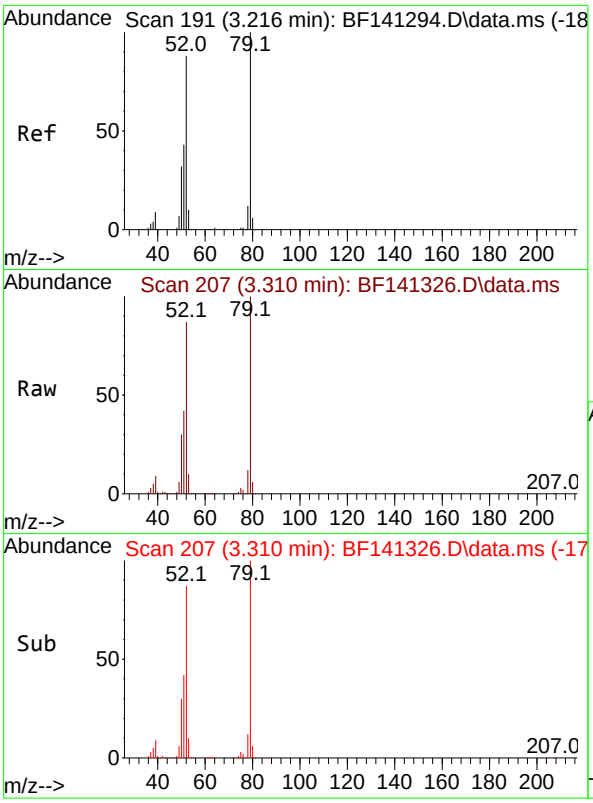


#2
1,4-Dioxane
Concen: 35.901 ng
RT: 2.587 min Scan# 84
Delta R.T. 0.094 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 88 Resp: 161856

Ion	Ratio	Lower	Upper
88	100		
58	87.6	70.2	105.4
43	33.3	27.6	41.4



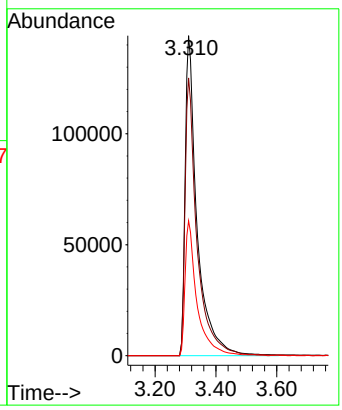


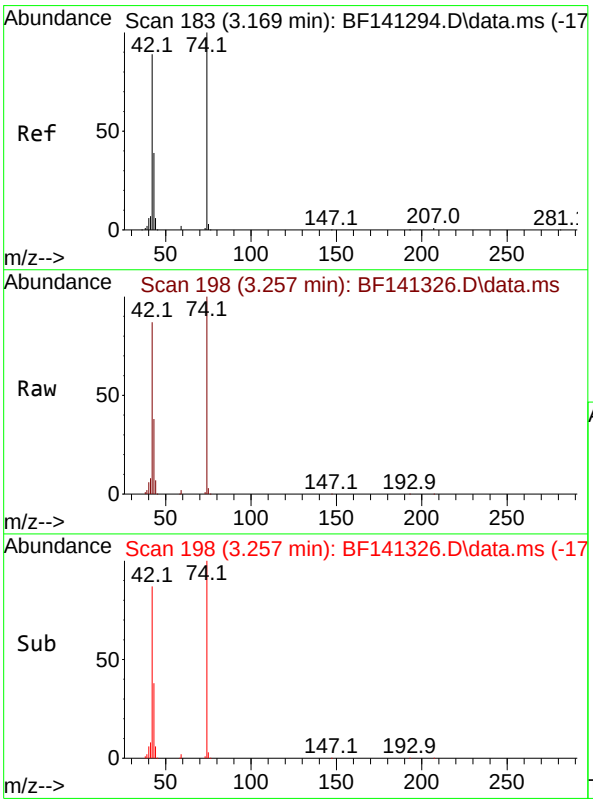
#3
Pyridine
Concen: 36.228 ng
RT: 3.310 min Scan# 2
Delta R.T. 0.082 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 79 Resp: 393522

Ion	Ratio	Lower	Upper
79	100		
52	86.8	70.3	105.5
51	42.1	34.3	51.5

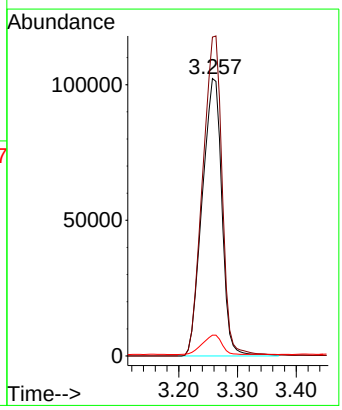


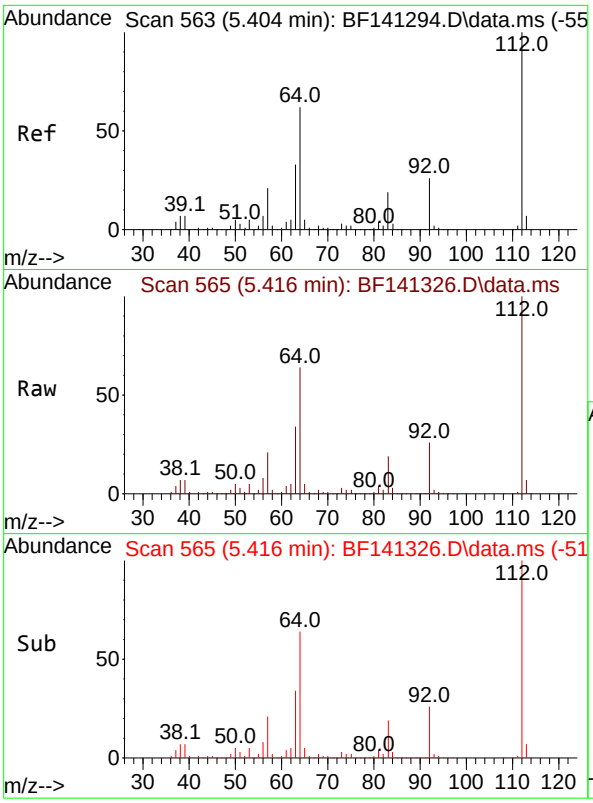


#4
n-Nitrosodimethylamine
Concen: 38.199 ng
RT: 3.257 min Scan# 198
Delta R.T. 0.059 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 42 Resp: 237037

Ion	Ratio	Lower	Upper
42	100		
74	114.9	90.3	135.5
44	7.5	5.7	8.5



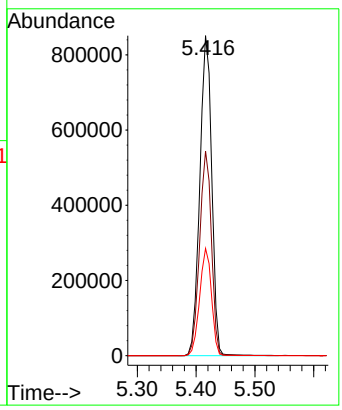


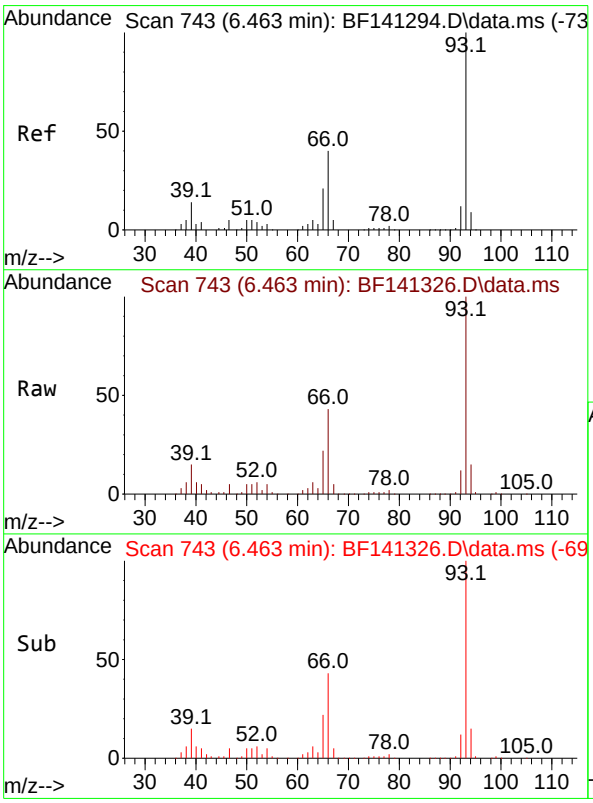
#5
2-Fluorophenol
Concen: 116.878 ng
RT: 5.416 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:112 Resp: 1198128

Ion	Ratio	Lower	Upper
112	100		
64	64.0	49.8	74.8
63	33.5	26.1	39.1

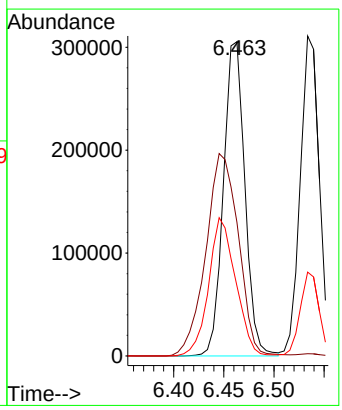


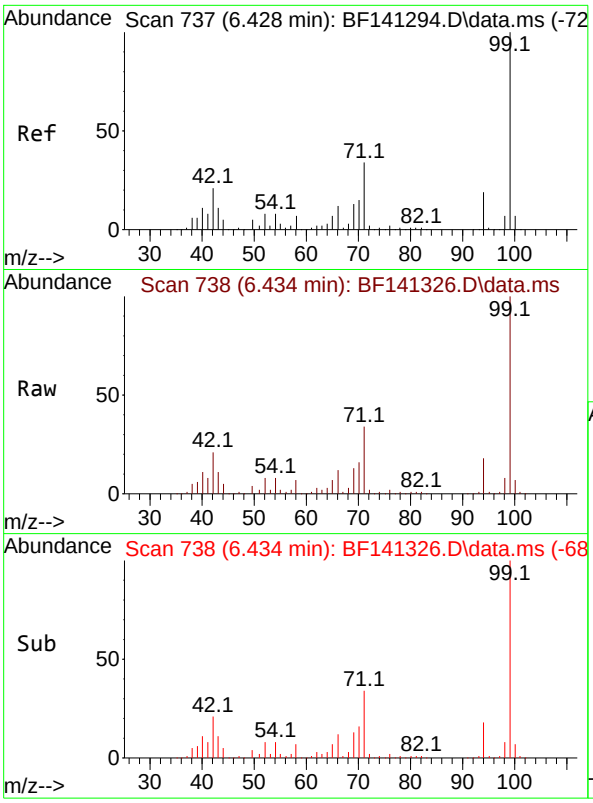


#6
Aniline
Concen: 41.182 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 454604

Ion	Ratio	Lower	Upper
93	100		
66	42.6	32.5	48.7
65	22.3	17.0	25.6



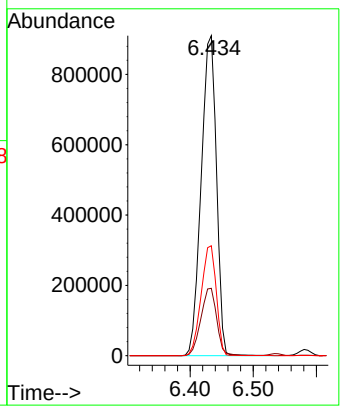


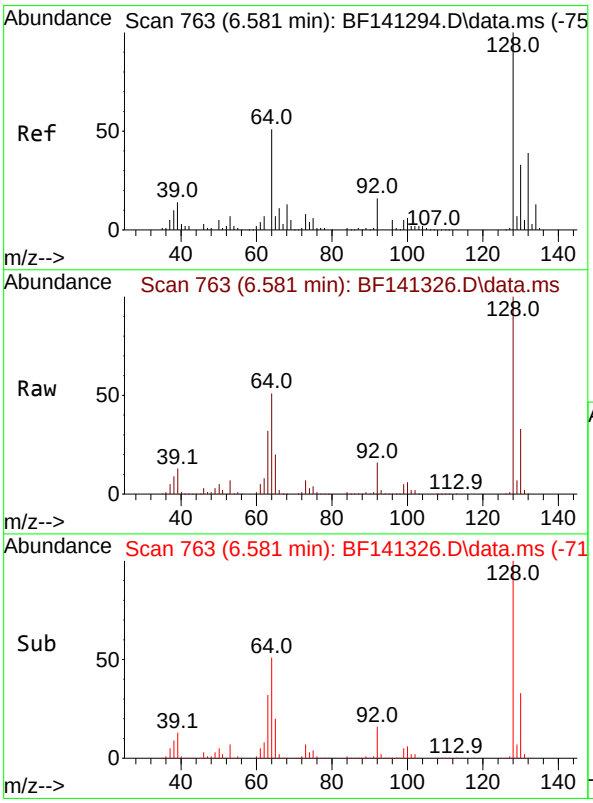
#7
Phenol-d6
Concen: 116.878 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 99 Resp: 1524170

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.1	25.7
71	34.3	26.9	40.3

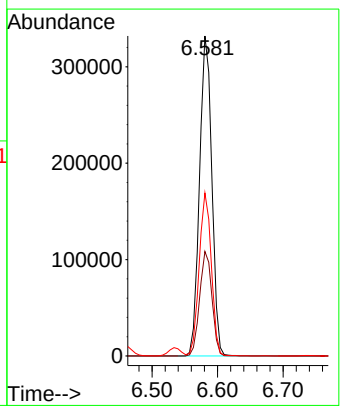


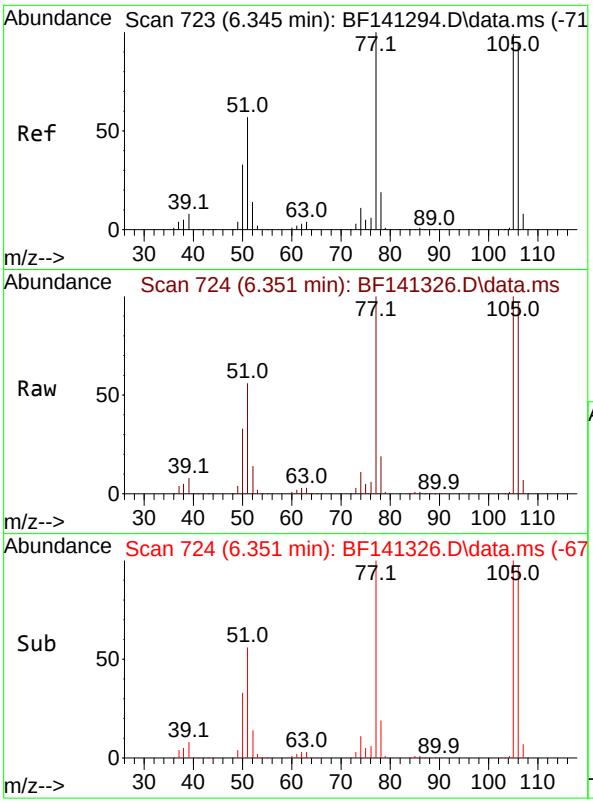


#8
2-Chlorophenol
Concen: 39.561 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:128 Resp: 434676

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	51.0	32.9	72.9



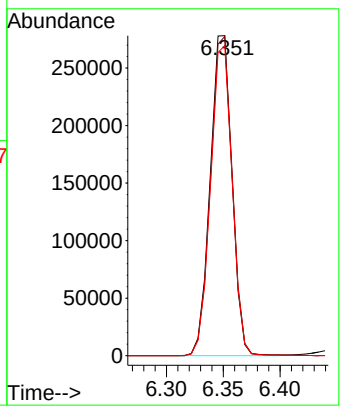


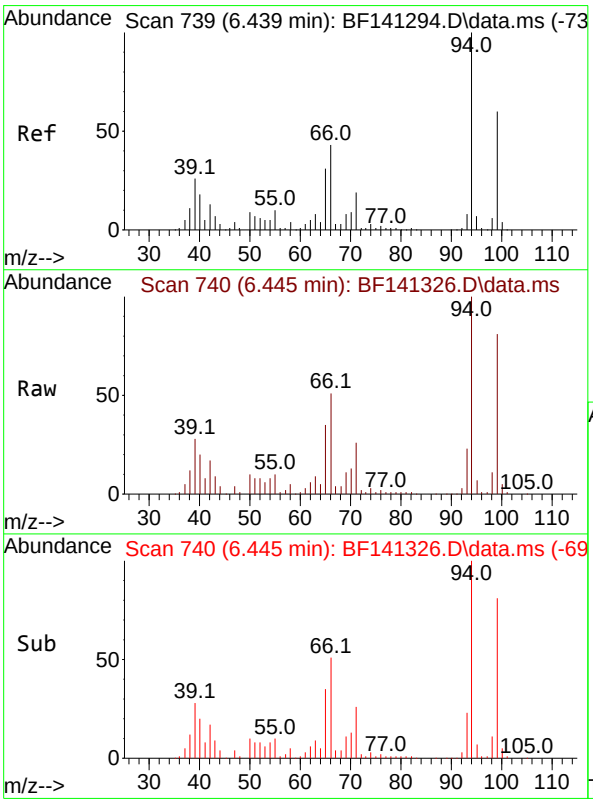
#9
Benzaldehyde
Concen: 49.140 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 77 Resp: 371187

Ion	Ratio	Lower	Upper
77	100		
105	99.7	79.4	119.4
106	96.9	74.6	114.6

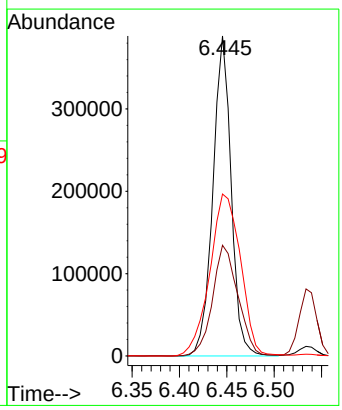


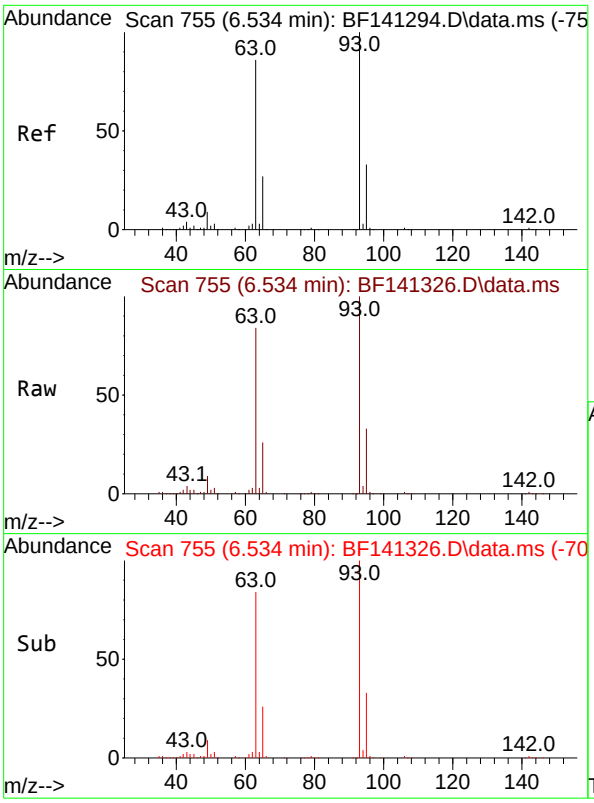


#10
Phenol
Concen: 37.787 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 94 Resp: 522357

Ion	Ratio	Lower	Upper
94	100		
65	34.6	10.8	50.8
66	50.6	23.3	63.3



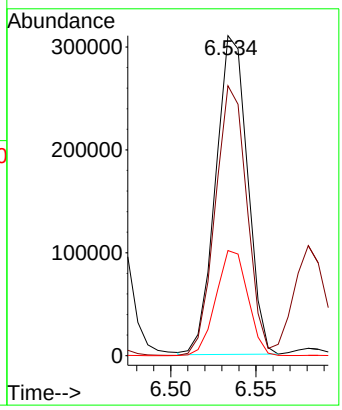


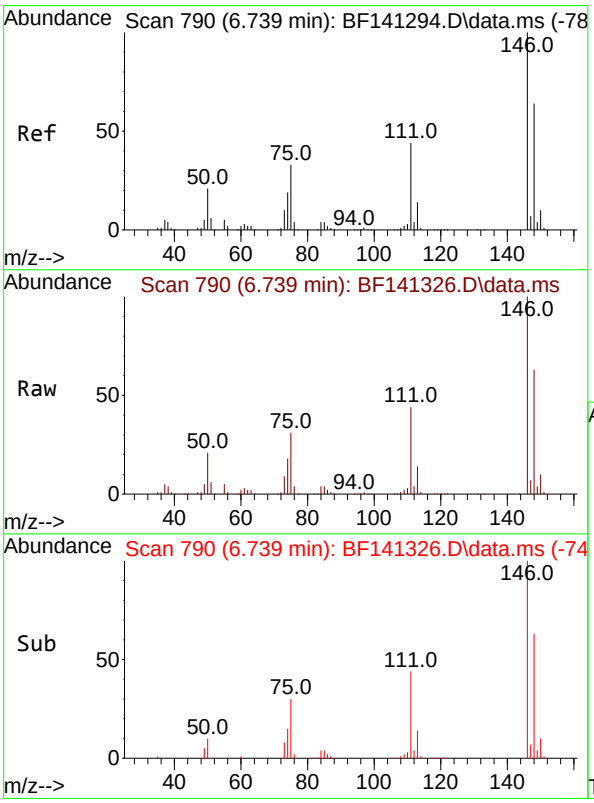
#11
bis(2-Chloroethyl)ether
Concen: 37.937 ng
RT: 6.534 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 93 Resp: 402104

Ion	Ratio	Lower	Upper
93	100		
63	84.4	65.0	105.0
95	32.8	12.4	52.4

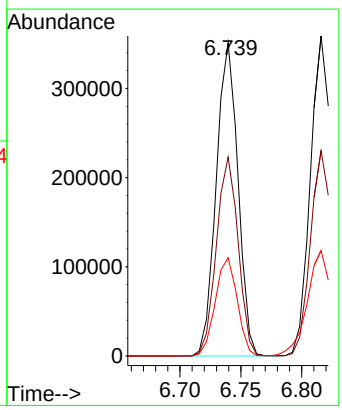


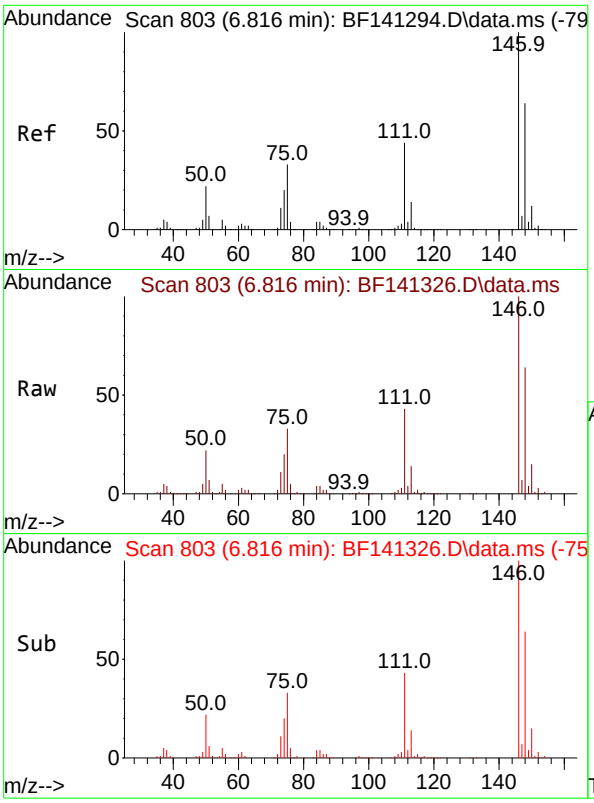


#12
1,3-Dichlorobenzene
Concen: 35.991 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 436015

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	31.4	26.2	39.4



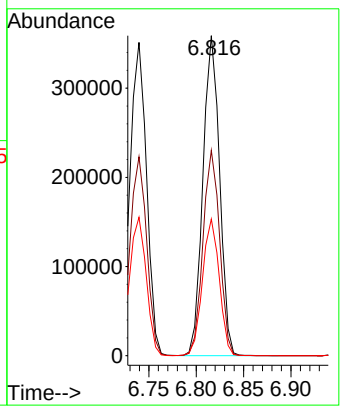


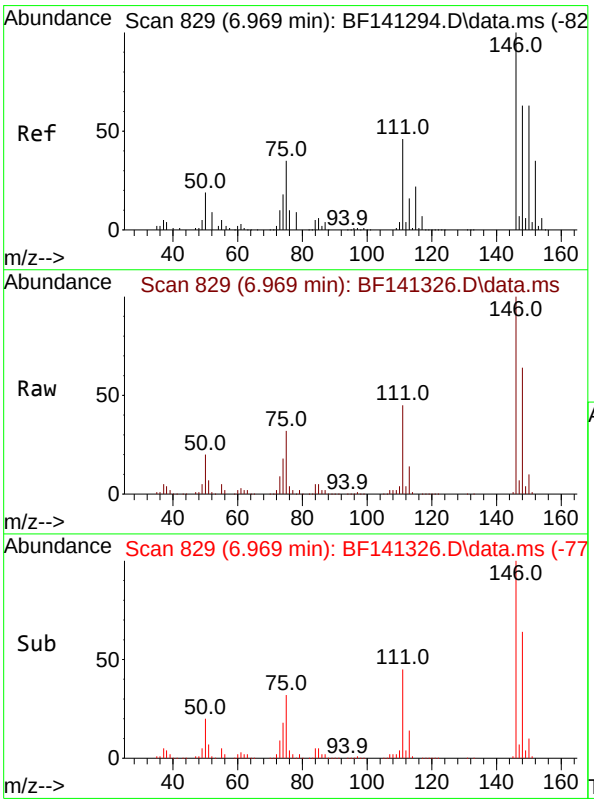
#13
1,4-Dichlorobenzene
Concen: 36.167 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:146 Resp: 440169

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	42.7	35.0	52.4

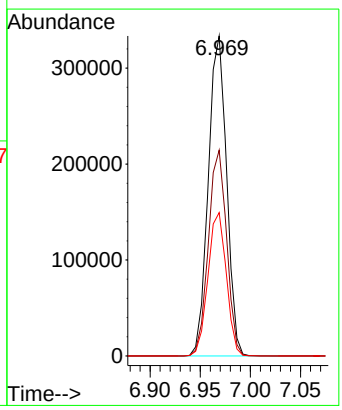


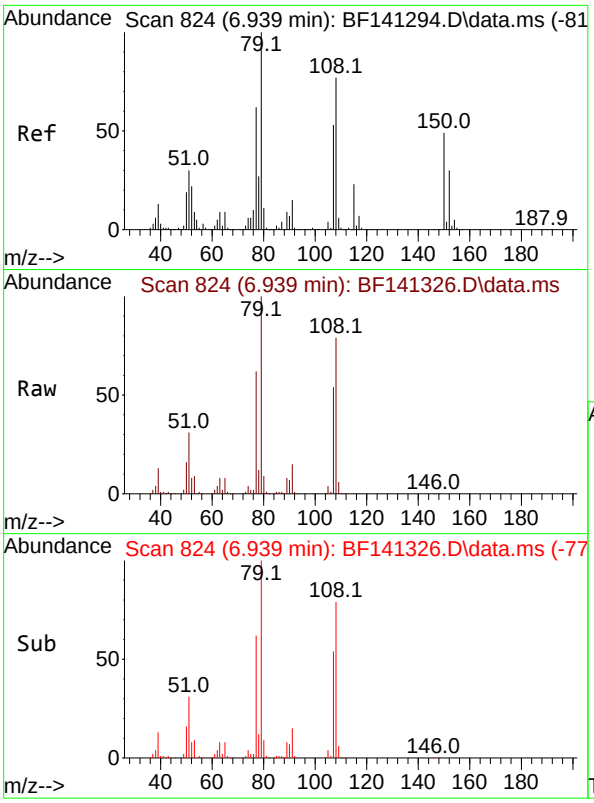


#14
1,2-Dichlorobenzene
Concen: 37.239 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:146 Resp: 424389

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.5	75.7
111	44.8	36.6	55.0



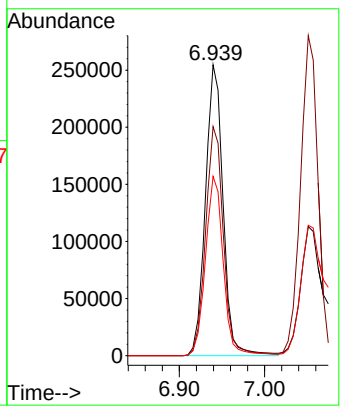


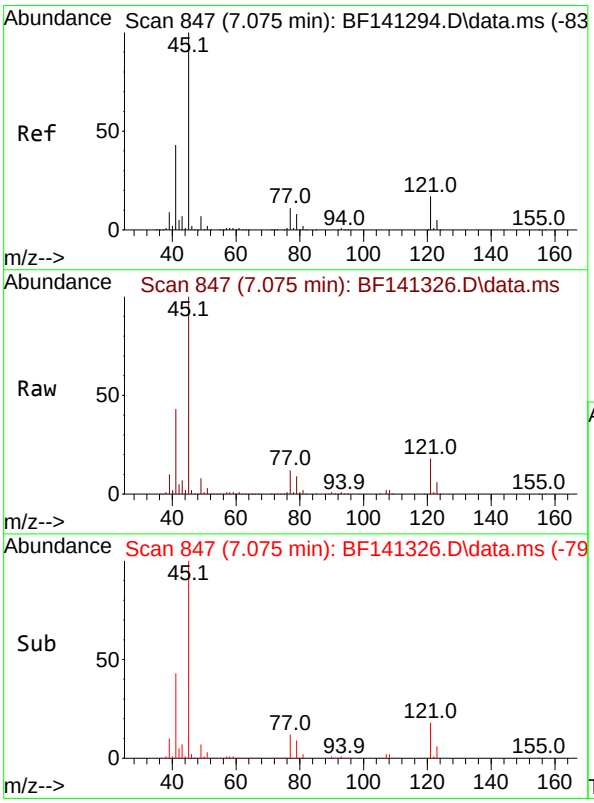
#15
Benzyl Alcohol
Concen: 41.140 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 79 Resp: 366635

Ion	Ratio	Lower	Upper
79	100		
108	78.8	61.4	92.0
77	61.7	49.9	74.9

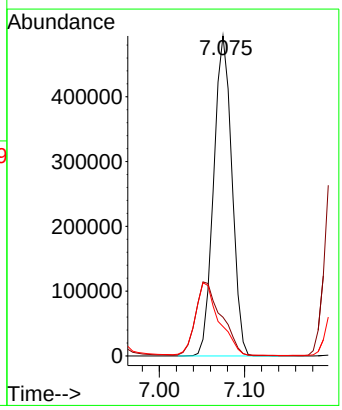


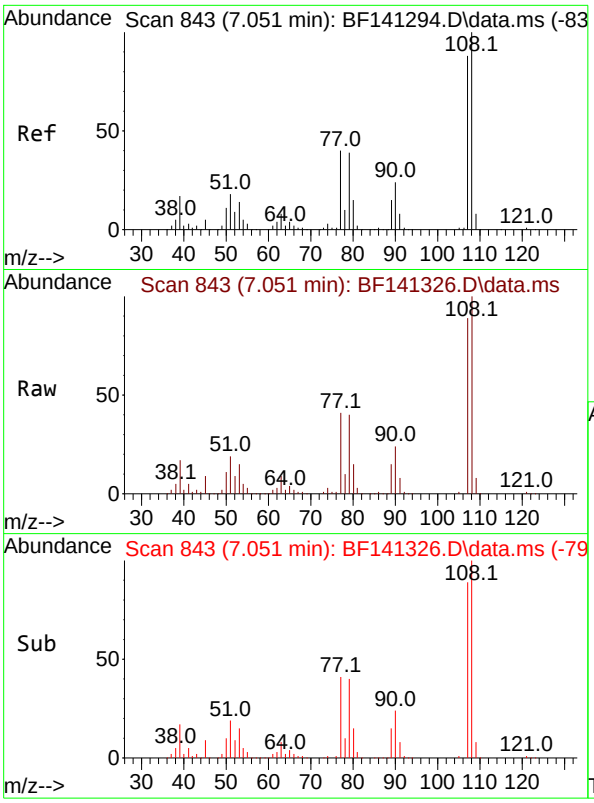


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.771 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 45 Resp: 733035

Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	31.8
79	9.2	0.0	29.1



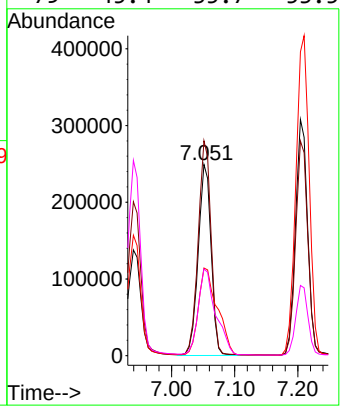


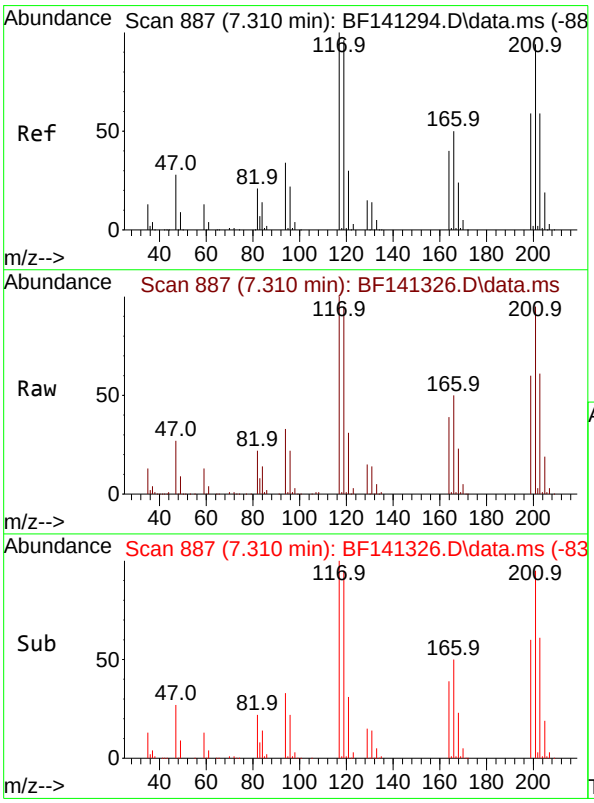
#17
2-Methylphenol
Concen: 39.742 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:107 Resp: 354888

Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.8	136.2
77	45.8	36.2	54.4
79	45.4	35.7	53.5

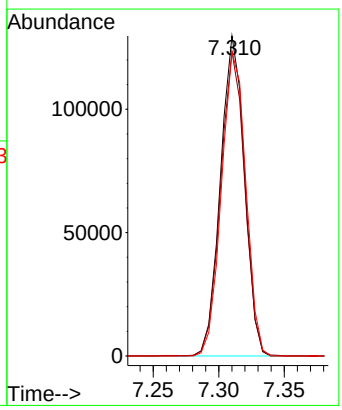


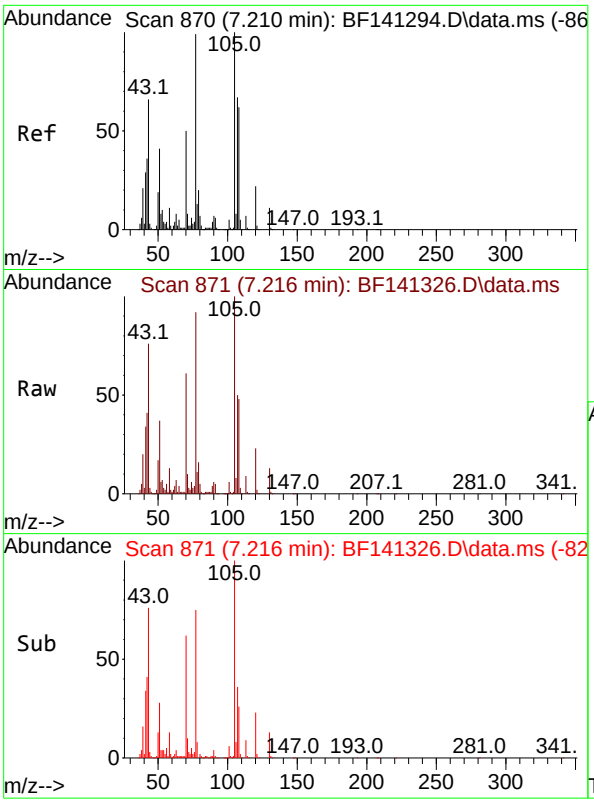


#18
Hexachloroethane
Concen: 36.732 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:117 Resp: 164916

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	114.8
201	95.1	74.8	112.2



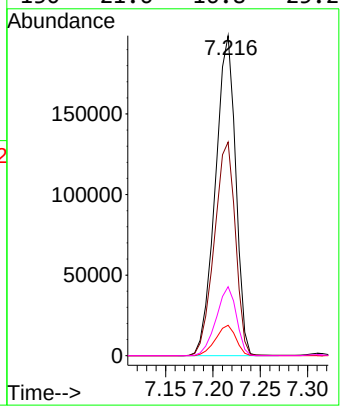


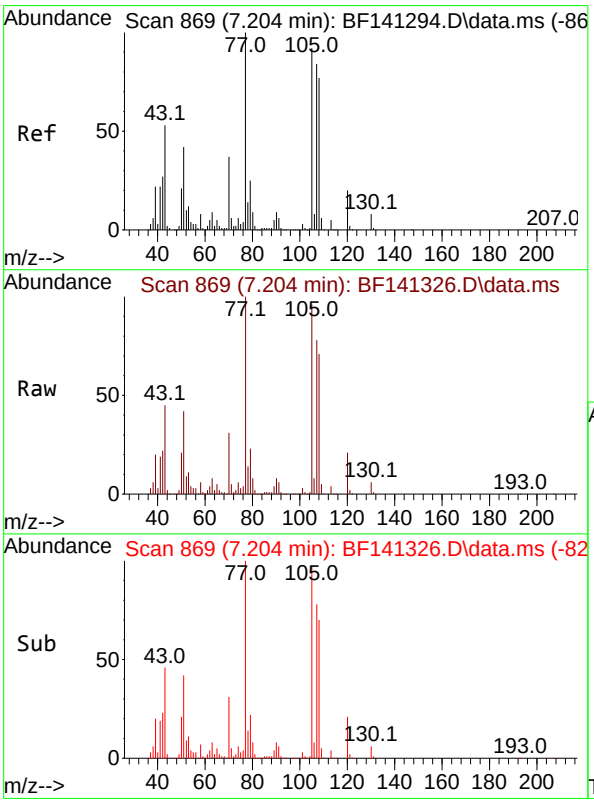
#19
n-Nitroso-di-n-propylamine
Concen: 38.327 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 70 Resp: 296992

Ion	Ratio	Lower	Upper
70	100		
42	66.7	56.8	85.2
101	9.5	7.7	11.5
130	21.6	16.8	25.2

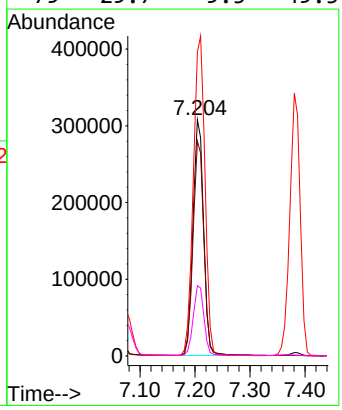


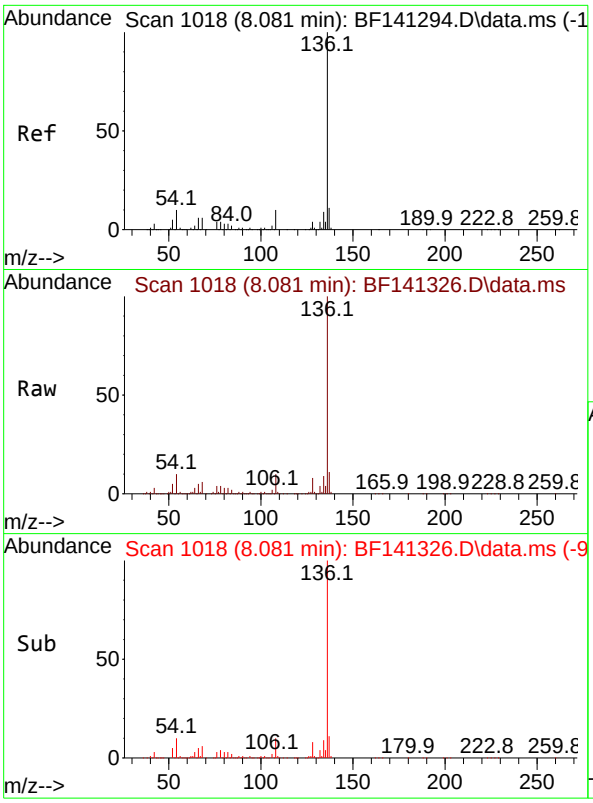


#20
3+4-Methylphenols
Concen: 37.741 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 413807

Ion	Ratio	Lower	Upper
107	100		
108	90.9	70.9	110.9
77	128.6	98.5	138.5
79	29.7	9.5	49.5



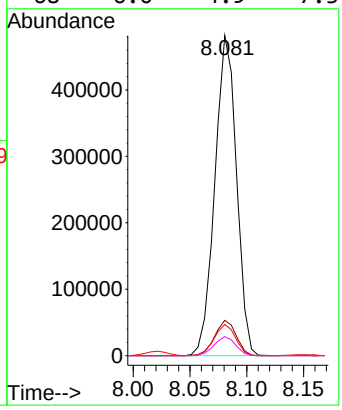


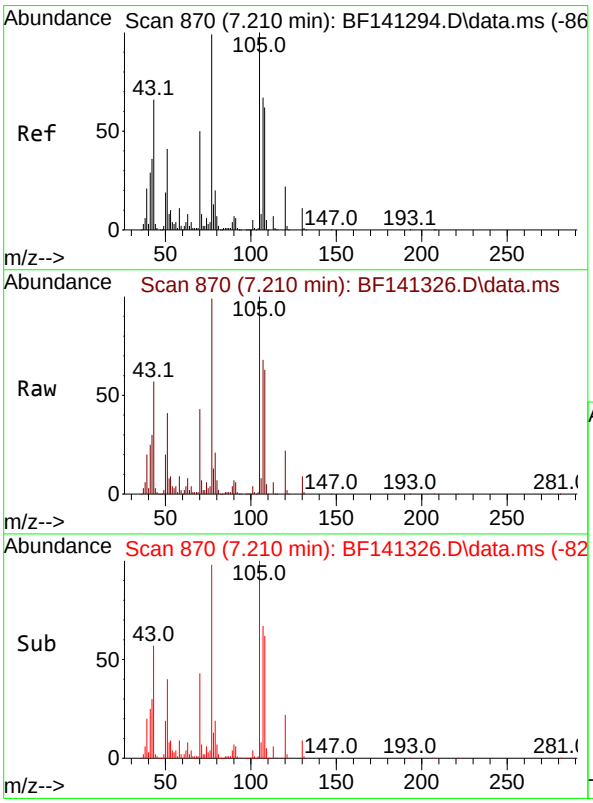
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:136 Resp: 639100

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.8	7.8	11.8
68	6.0	4.9	7.3

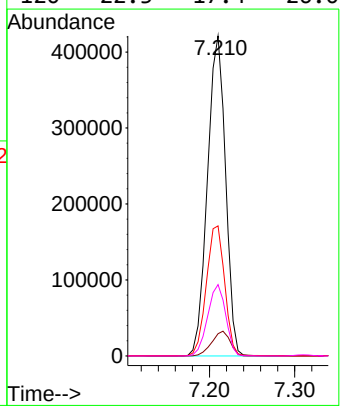


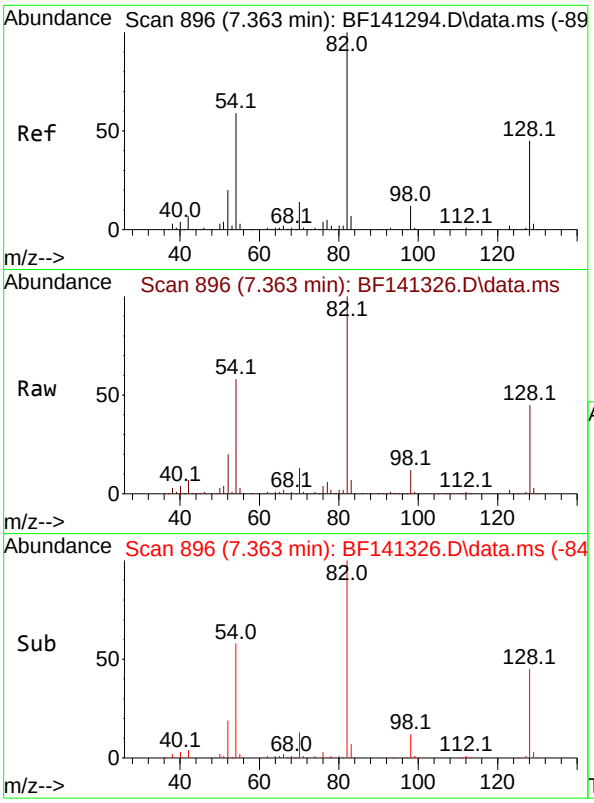


#22
Acetophenone
Concen: 40.897 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:105 Resp: 621280

Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.8	10.2
51	40.6	32.6	49.0
120	22.3	17.4	26.0



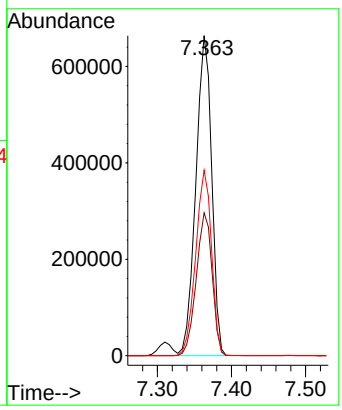


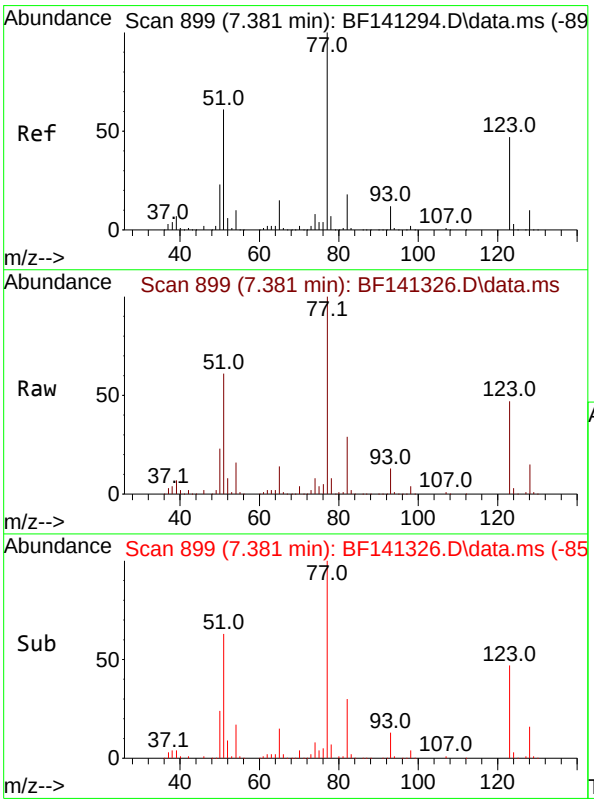
#23
Nitrobenzene-d5
Concen: 81.247 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 82 Resp: 984991

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.7	53.5
54	57.9	47.1	70.7

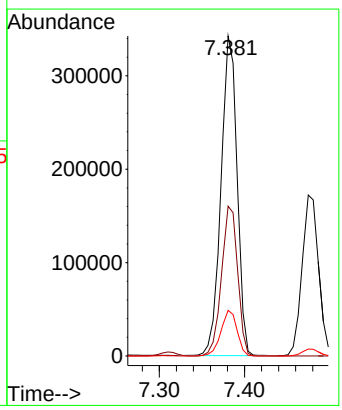


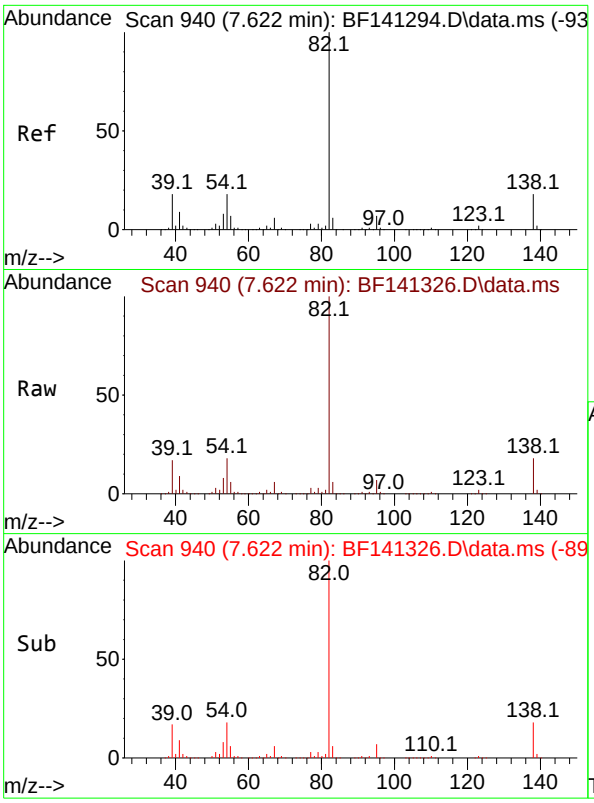


#24
Nitrobenzene
Concen: 35.768 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 77 Resp: 449375

Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.3	55.9
65	14.3	11.8	17.6



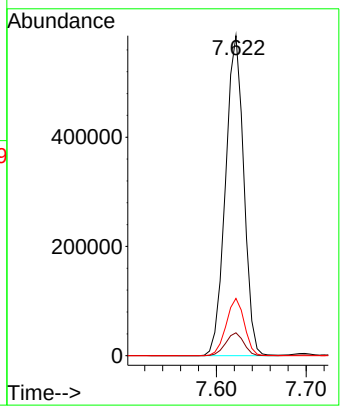


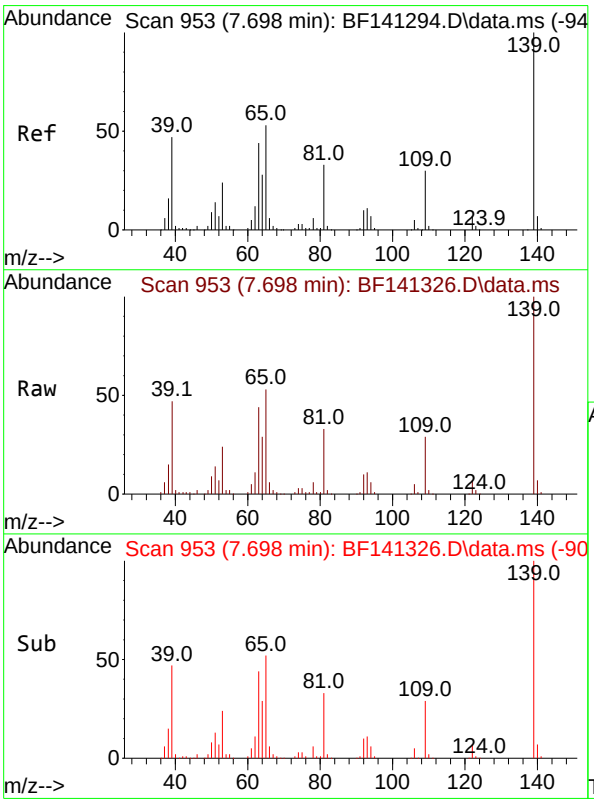
#25
Isophorone
Concen: 39.526 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 82 Resp: 828323

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	17.9	14.7	22.1

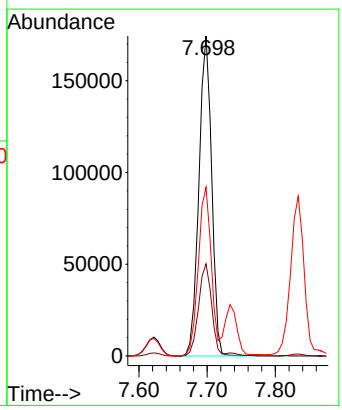


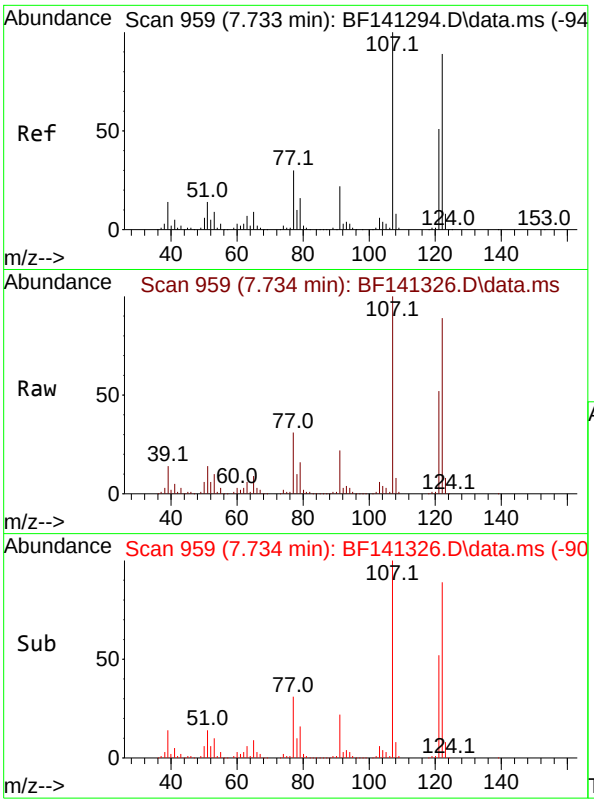


#26
2-Nitrophenol
Concen: 38.187 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 226262

Ion	Ratio	Lower	Upper
139	100		
109	28.8	23.8	35.6
65	52.7	42.2	63.4



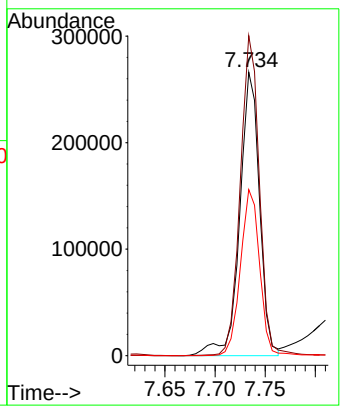


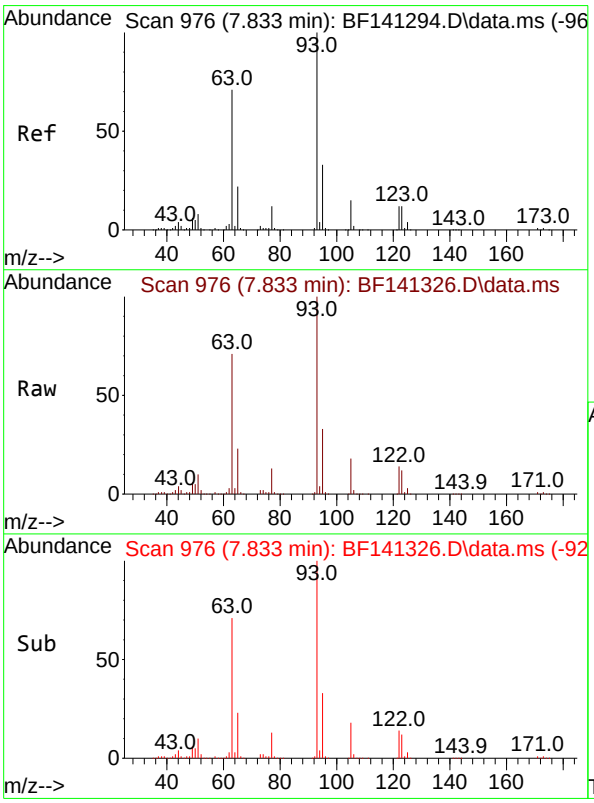
#27
2,4-Dimethylphenol
Concen: 48.501 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:122 Resp: 365777

Ion	Ratio	Lower	Upper
122	100		
107	112.8	89.9	134.9
121	58.5	46.1	69.1

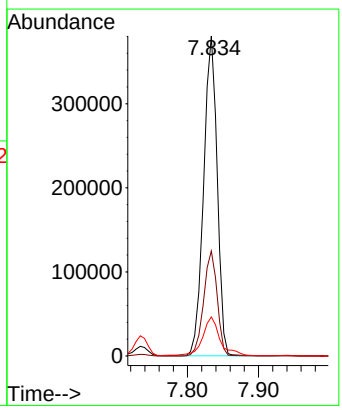


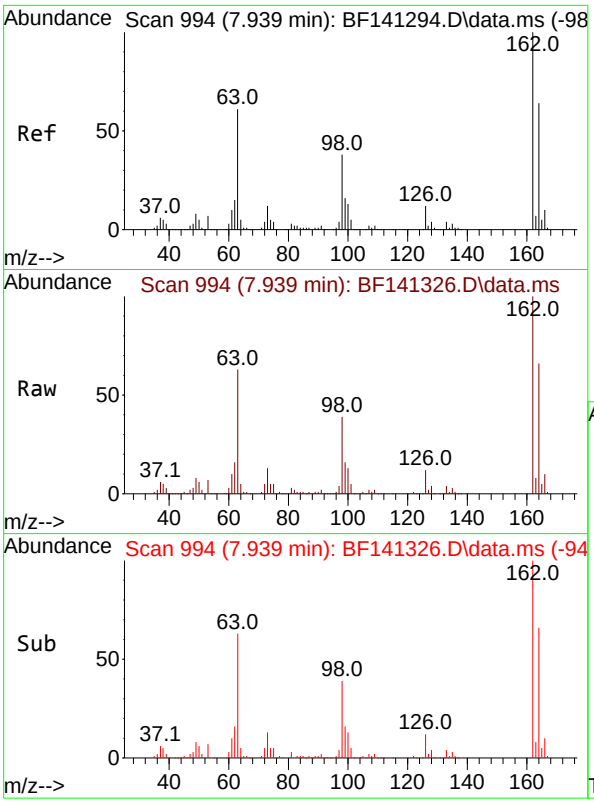


#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 93 Resp: 505927

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.2	10.2	15.4



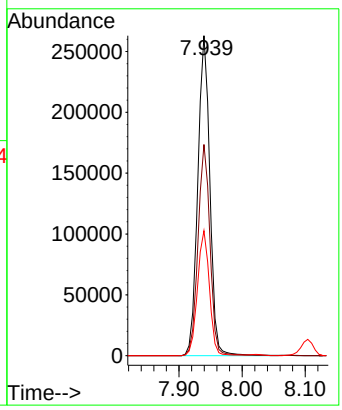


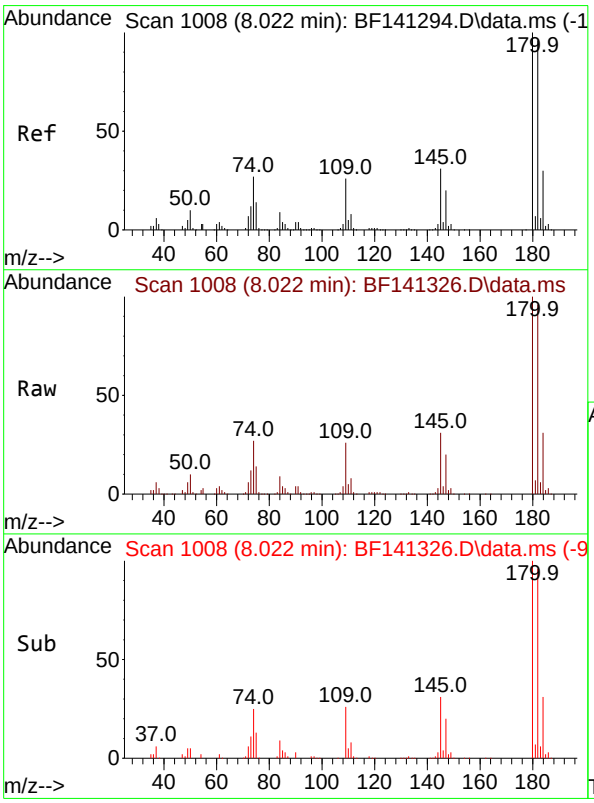
#29
2,4-Dichlorophenol
Concen: 37.862 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:162 Resp: 349567

Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.2	84.2
98	39.1	18.2	58.2

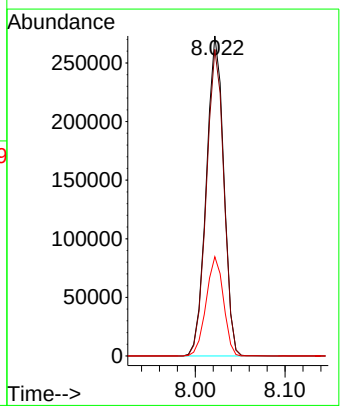


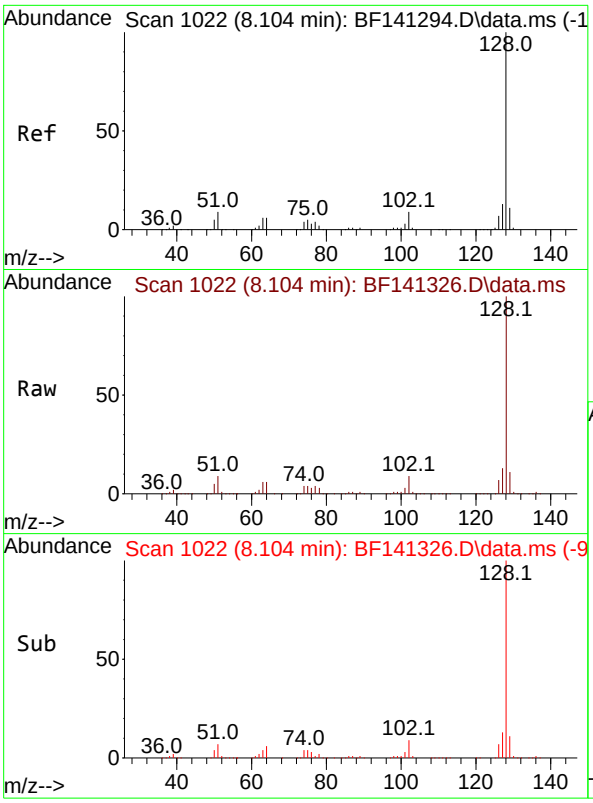


#30
1,2,4-Trichlorobenzene
Concen: 34.933 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:180 Resp: 368330

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	31.0	24.9	37.3



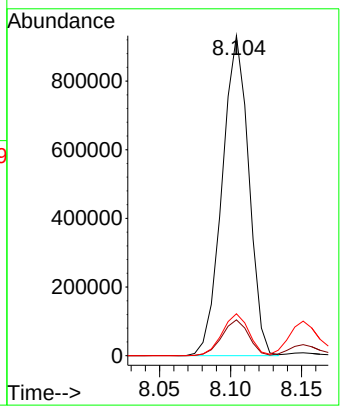


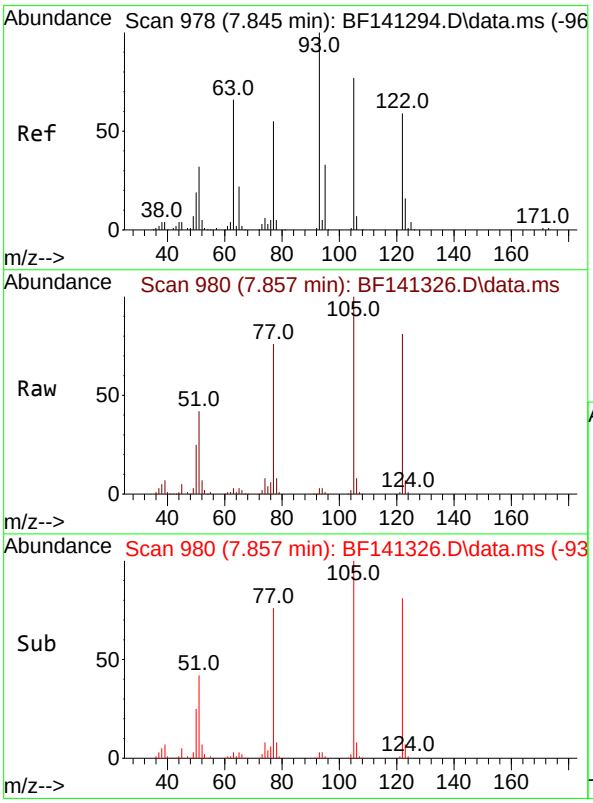
#31
Naphthalene
Concen: 36.025 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:128 Resp: 1216274

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.1	10.6	15.8

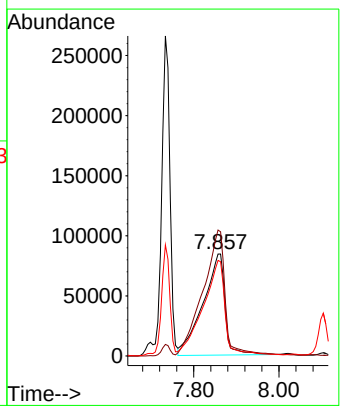


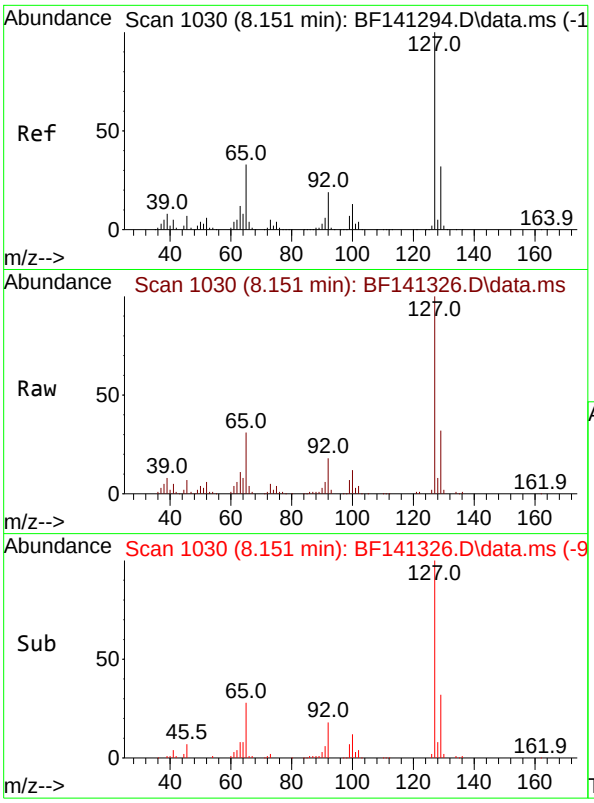


#32
Benzoic acid
Concen: 43.663 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:122 Resp: 302716

Ion	Ratio	Lower	Upper
122	100		
105	123.5	103.4	143.4
77	93.7	70.9	110.9



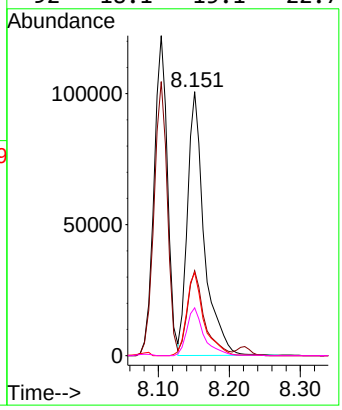


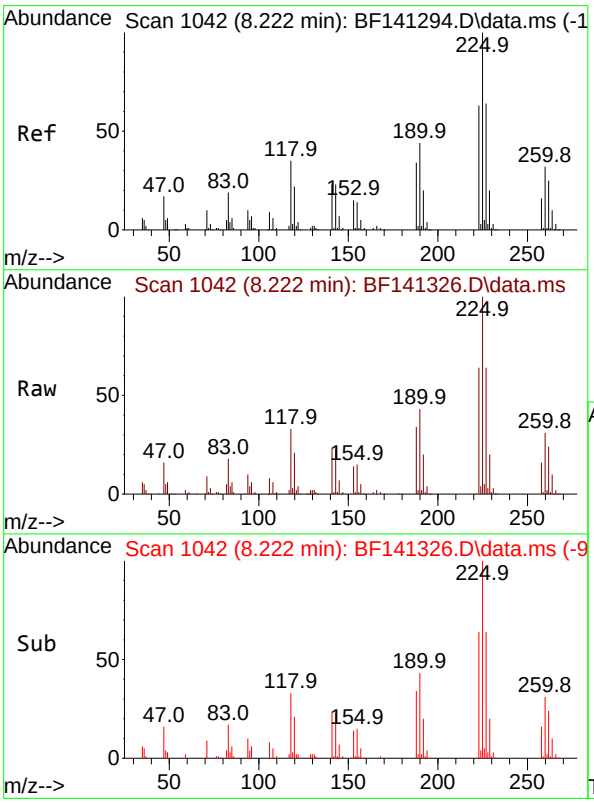
#33
4-Chloroaniline
Concen: 14.386 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:127 Resp: 164703

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	31.5	26.4	39.6
92	18.1	15.1	22.7

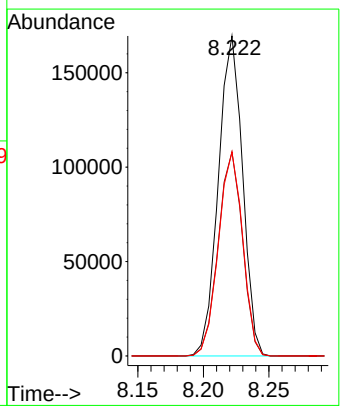


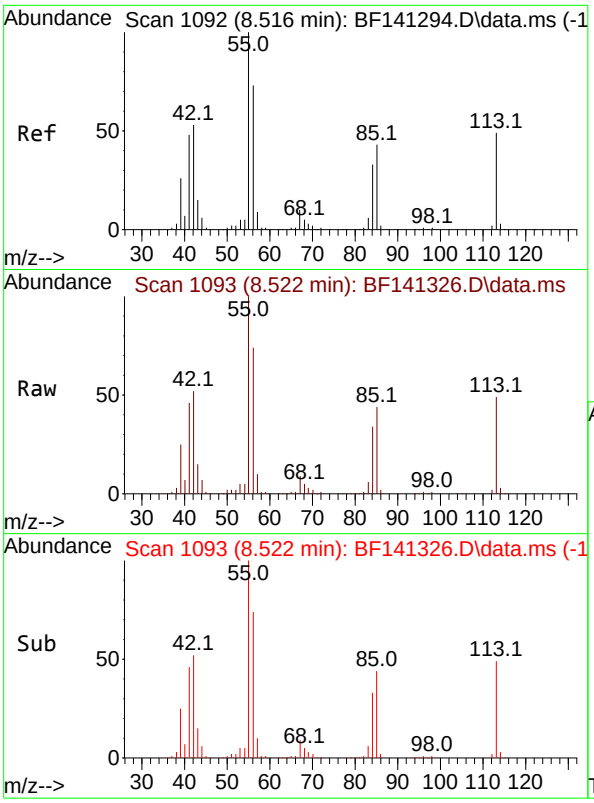


#34
Hexachlorobutadiene
Concen: 35.179 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:225 Resp: 217527

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	63.7	51.3	76.9



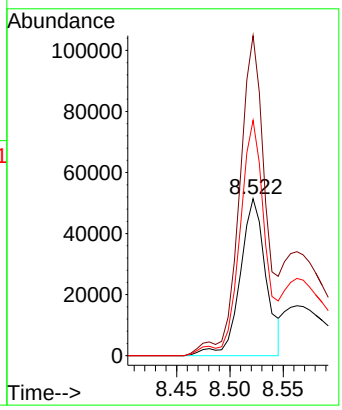


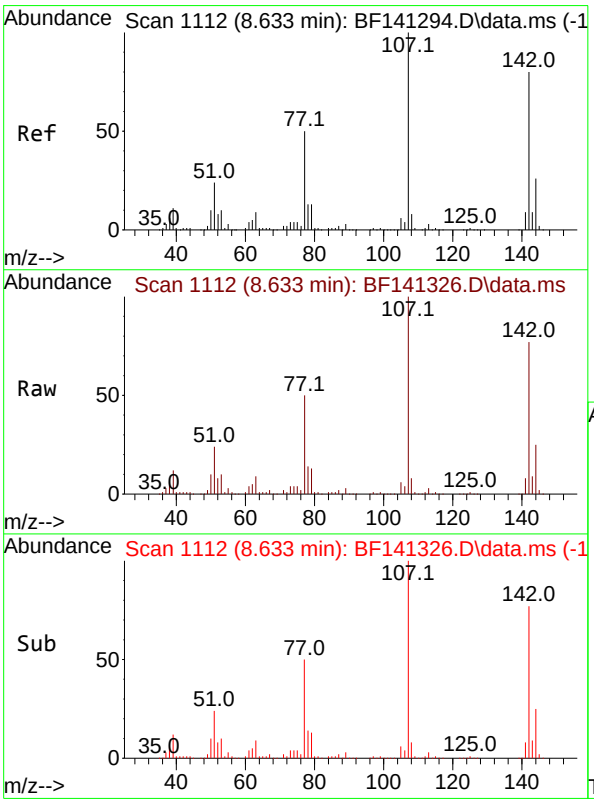
#35
Caprolactam
Concen: 28.719 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:113 Resp: 86597

Ion	Ratio	Lower	Upper
113	100		
55	203.9	182.9	222.9
56	150.0	127.9	167.9

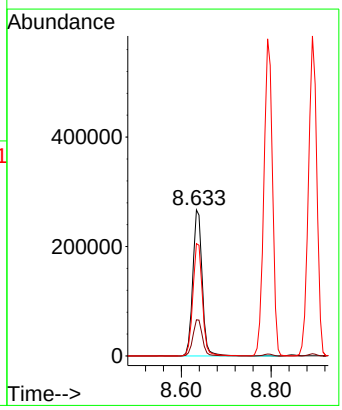


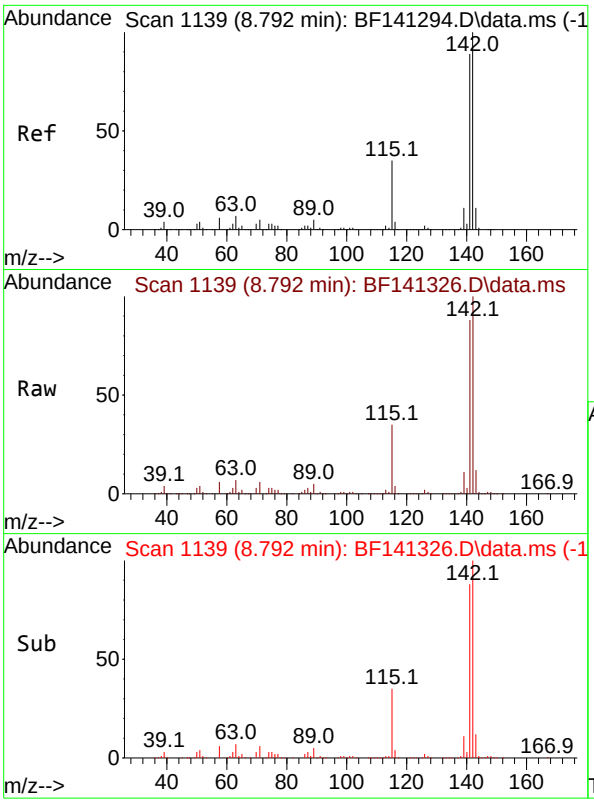


#36
4-Chloro-3-methylphenol
Concen: 39.190 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:107 Resp: 388117

Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.7	31.1
142	77.0	63.8	95.8



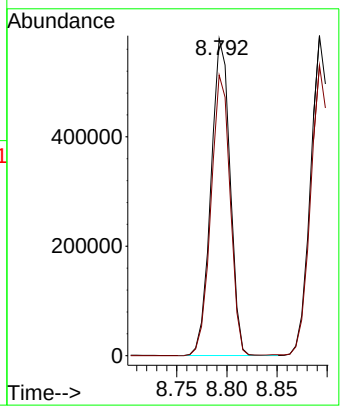


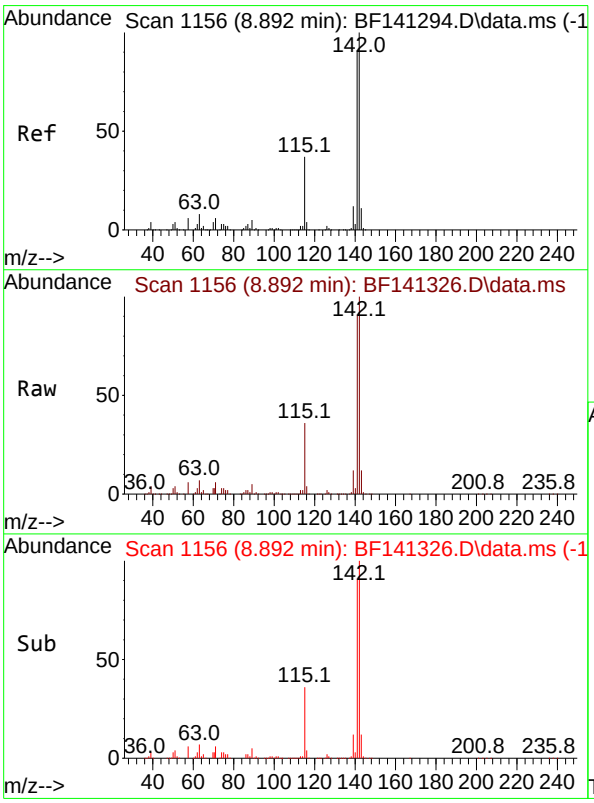
#37
2-Methylnaphthalene
Concen: 35.792 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:142 Resp: 768048

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9

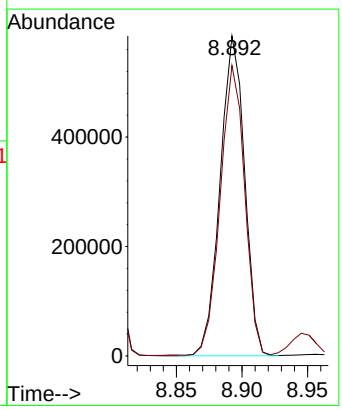


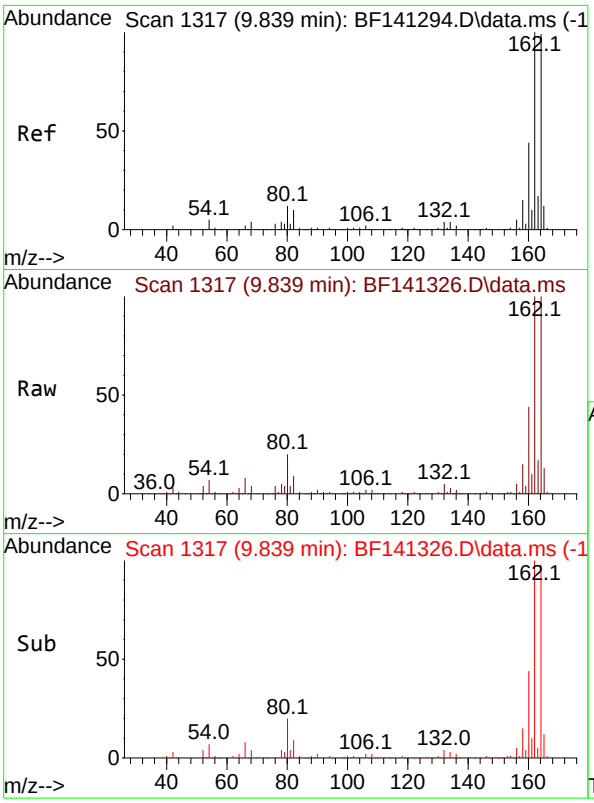


#38
1-Methylnaphthalene
Concen: 36.018 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:142 Resp: 759228

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8



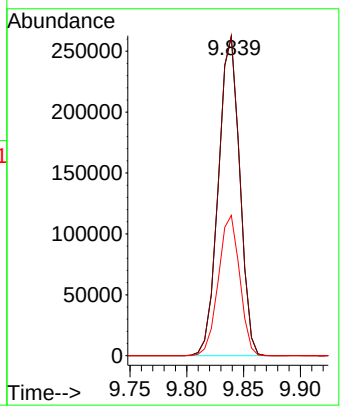


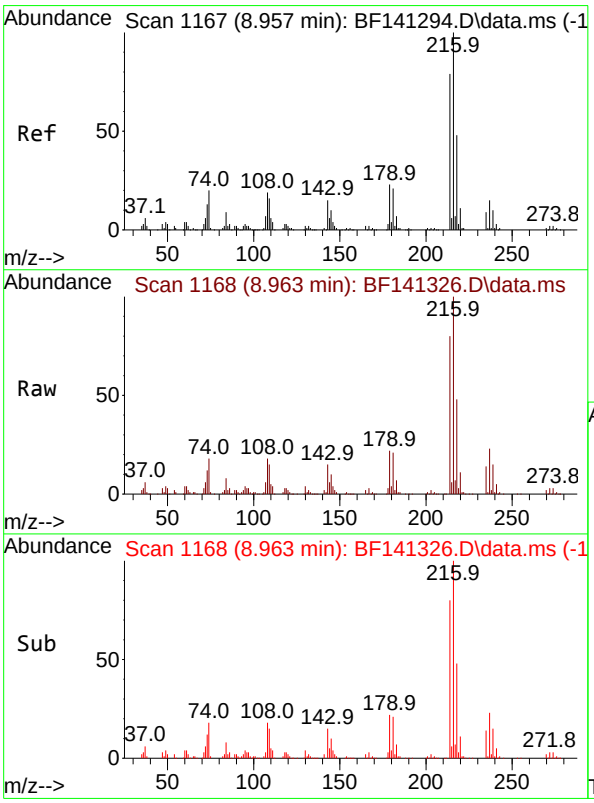
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:164 Resp: 341634

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.6	121.0
160	44.0	35.8	53.6

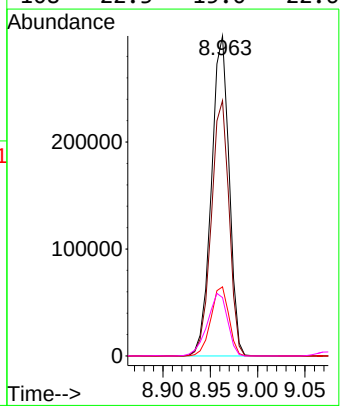


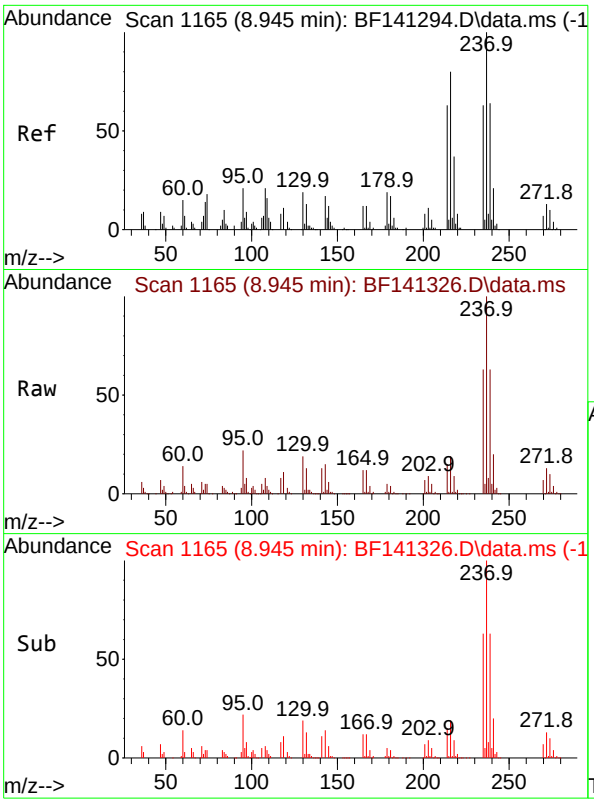


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.008 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:216 Resp: 388845

Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.2	94.8
179	21.9	17.8	26.8
108	22.3	15.0	22.6



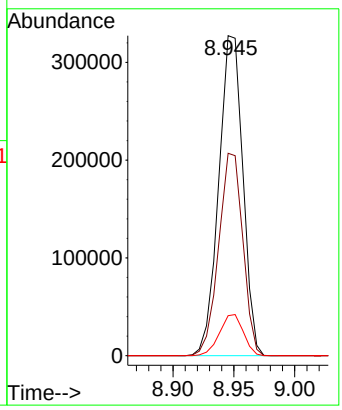


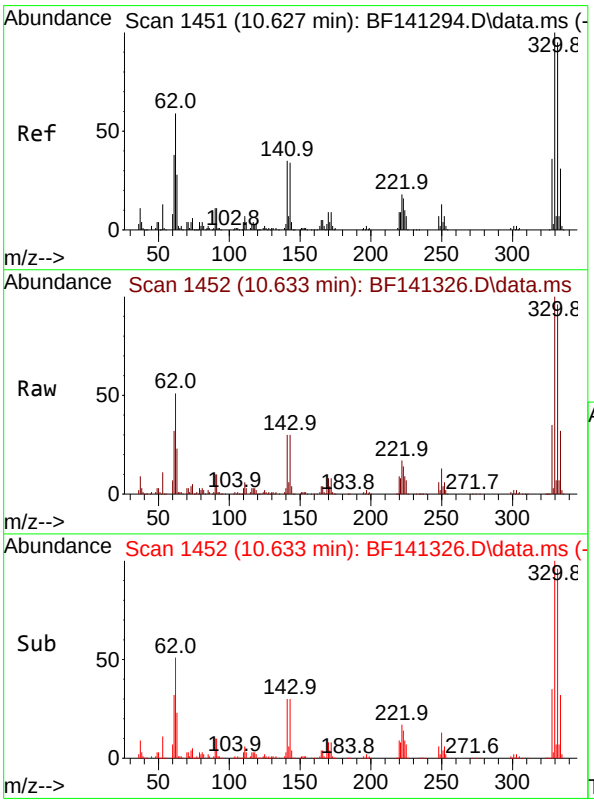
#41
Hexachlorocyclopentadiene
Concen: 157.404 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:237 Resp: 451802

Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.9	82.9
272	12.5	0.0	32.8

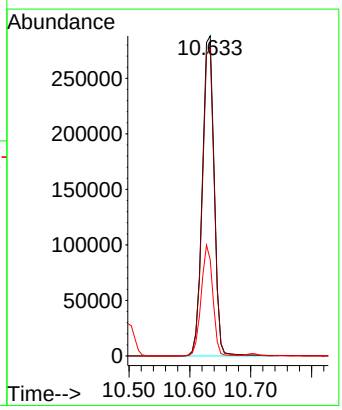


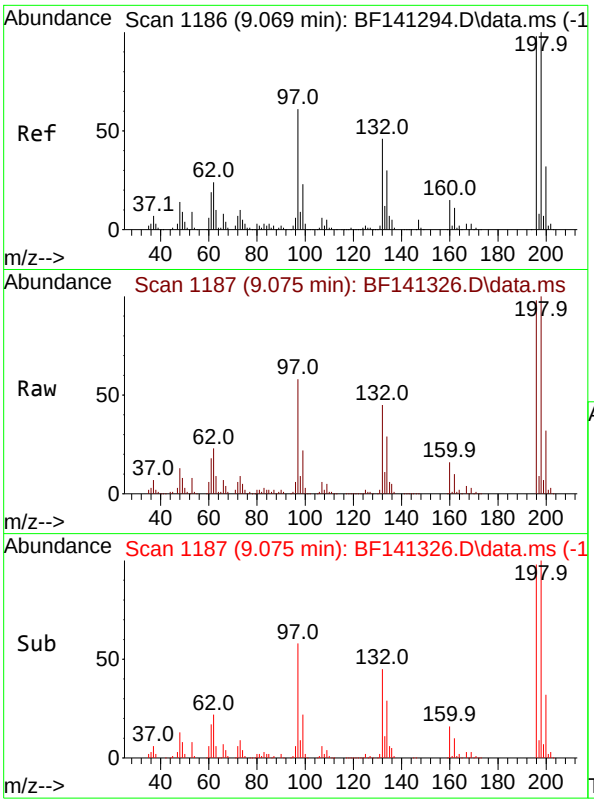


#42
2,4,6-Tribromophenol
Concen: 125.427 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:330 Resp: 392837

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.1	114.1
141	33.8	28.8	43.2



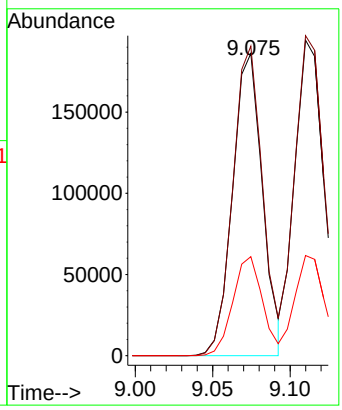


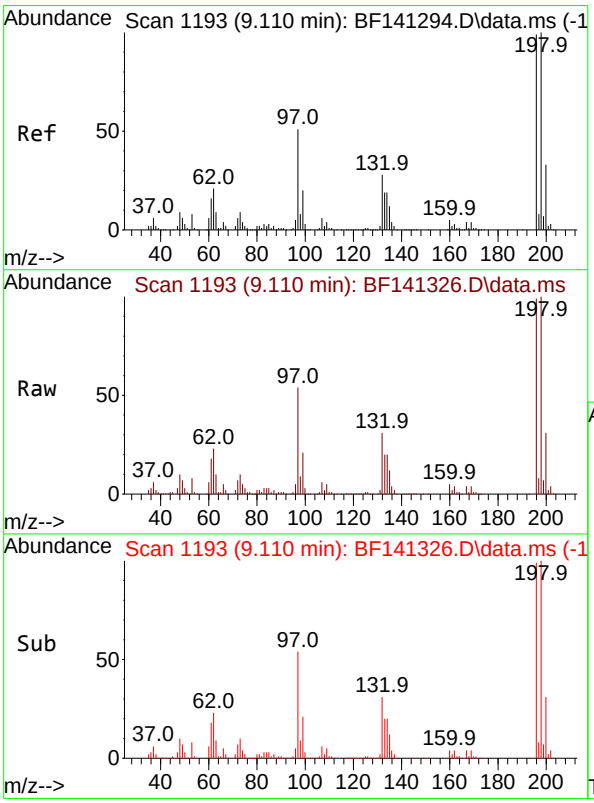
#43
2,4,6-Trichlorophenol
Concen: 39.194 ng
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:196 Resp: 249335

Ion	Ratio	Lower	Upper
196	100		
198	102.4	81.8	122.6
200	32.8	26.3	39.5

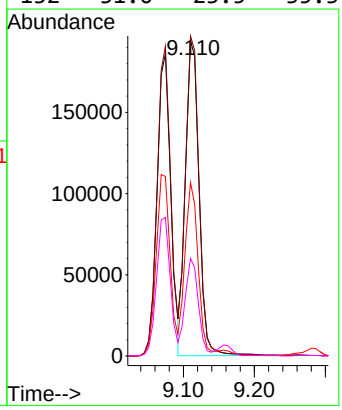


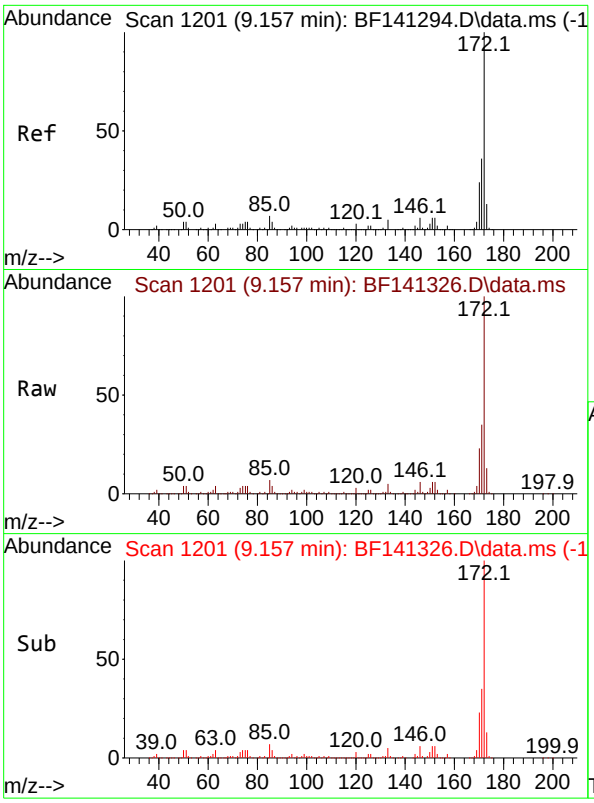


#44
2,4,5-Trichlorophenol
Concen: 37.493 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:196 Resp: 259595

Ion	Ratio	Lower	Upper
196	100		
198	101.4	80.5	120.7
97	55.0	42.8	64.2
132	31.0	23.5	35.3



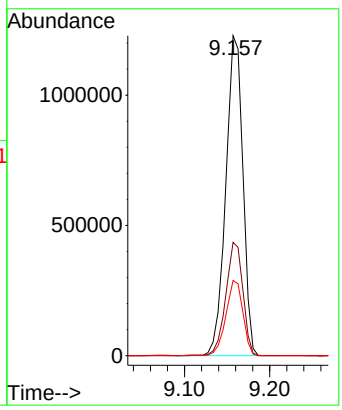


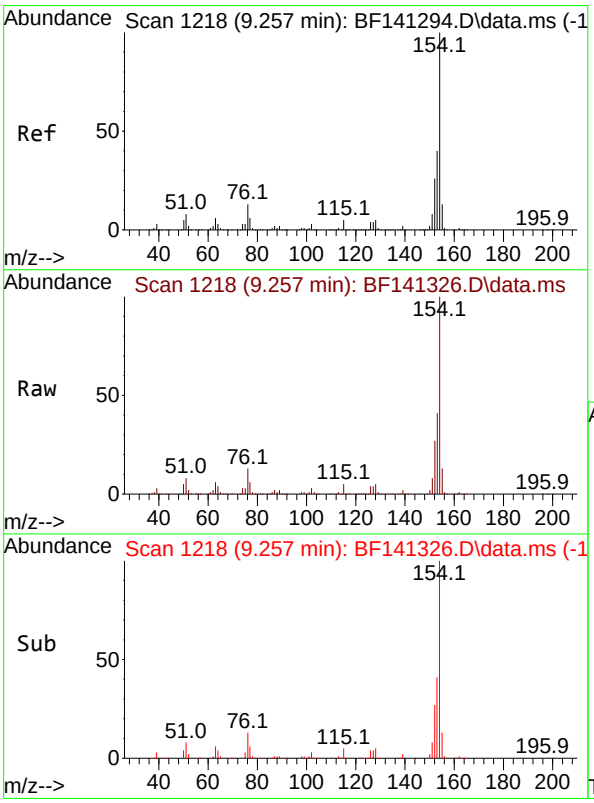
#45
2-Fluorobiphenyl
Concen: 77.128 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:172 Resp: 1711912

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.5	19.0	28.6

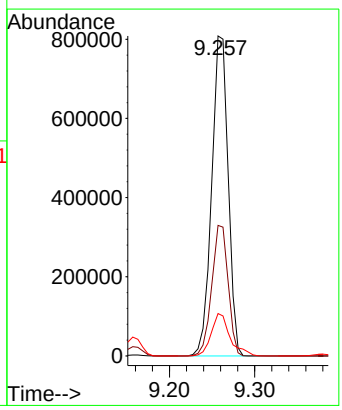


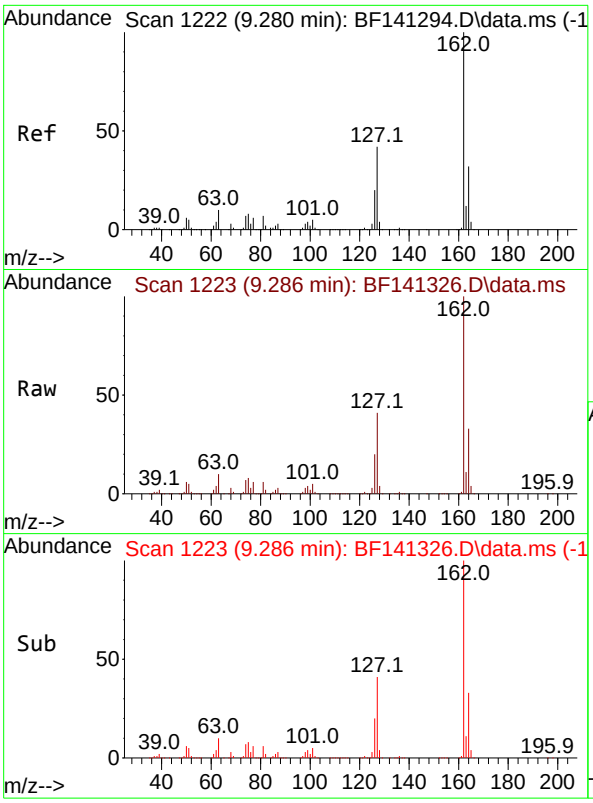


#46
1,1'-Biphenyl
Concen: 40.823 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 1087669

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.0	60.0
76	13.3	0.0	32.8



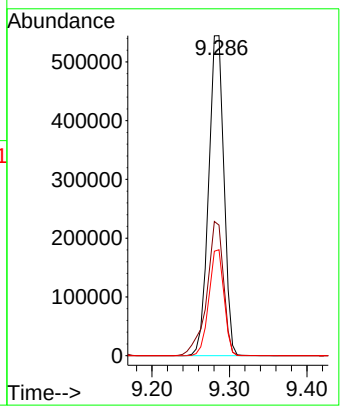


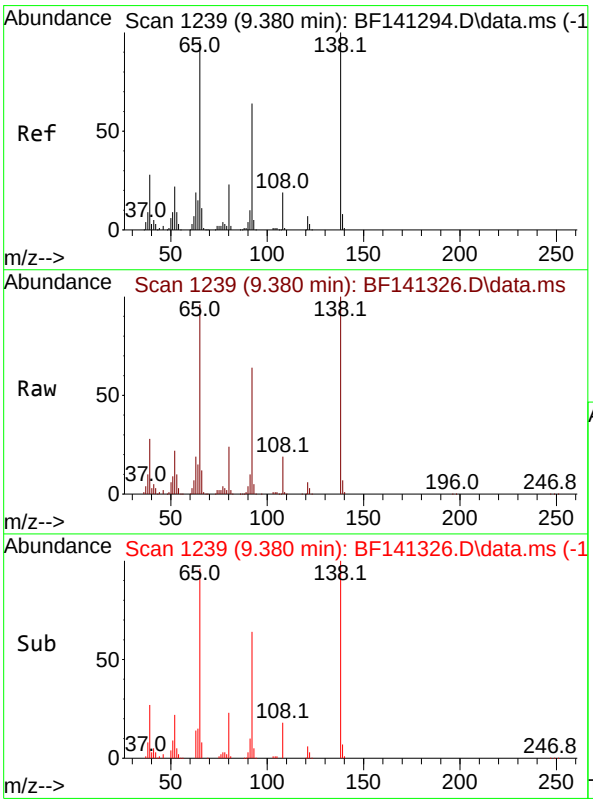
#47
2-Chloronaphthalene
Concen: 35.895 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:162 Resp: 745432

Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.7	50.5
164	33.1	25.9	38.9

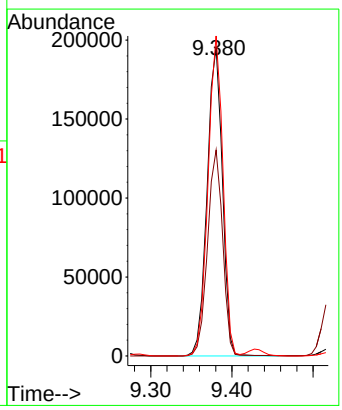


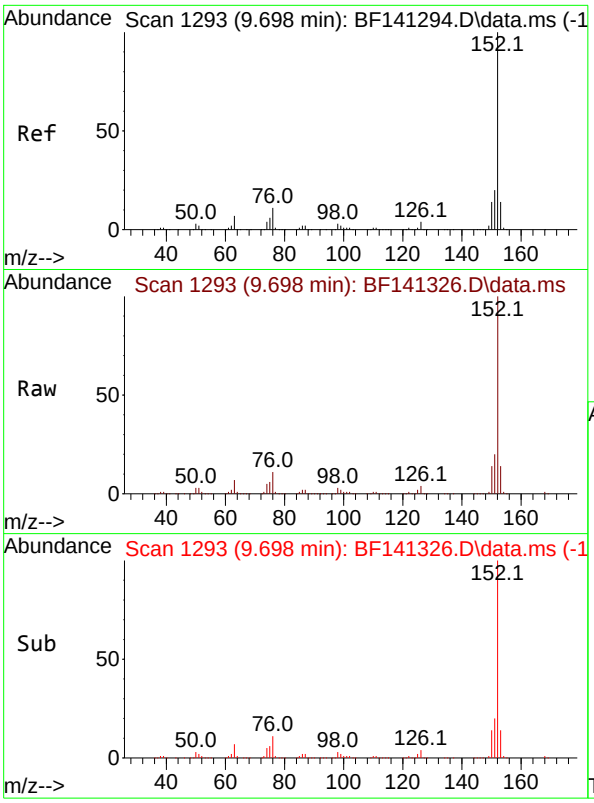


#48
2-Nitroaniline
Concen: 39.006 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion: 65 Resp: 254788

Ion	Ratio	Lower	Upper
65	100		
92	66.7	53.3	79.9
138	103.7	83.6	125.4



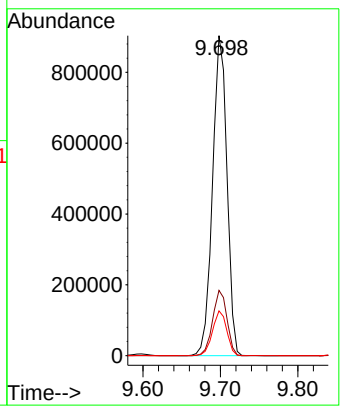


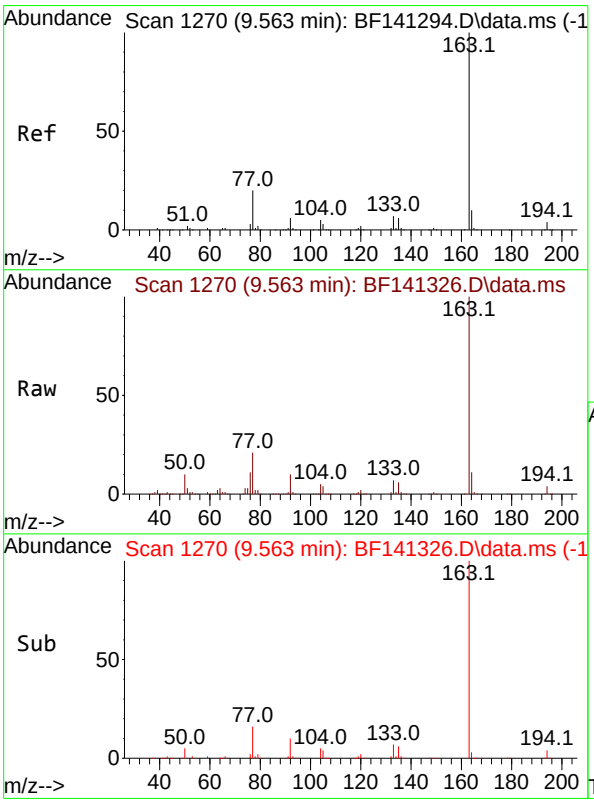
#49
Acenaphthylene
Concen: 40.131 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:152 Resp: 1166625

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.0	11.0	16.6

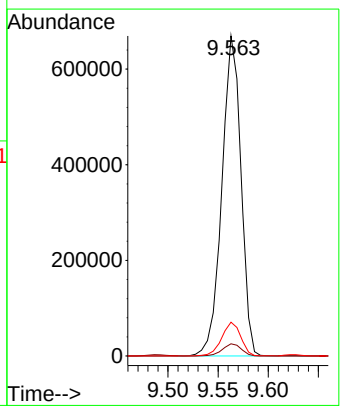


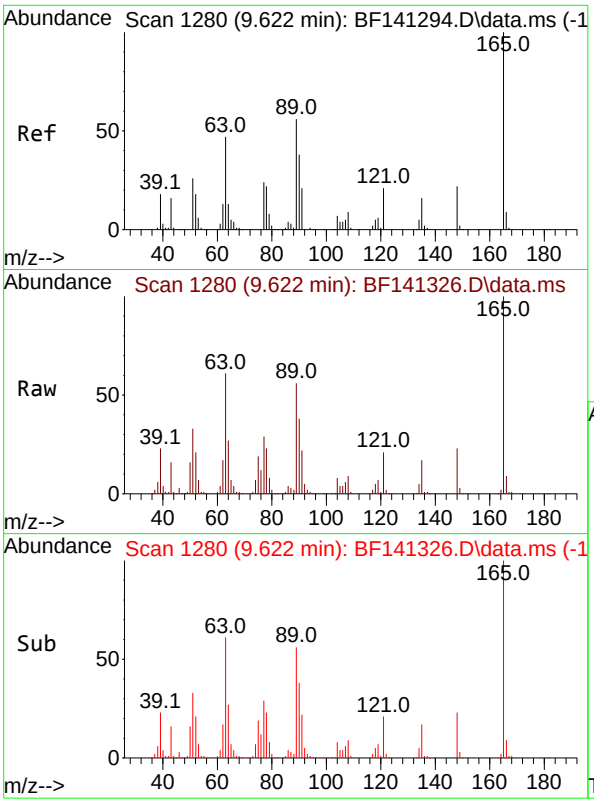


#50
Dimethylphthalate
Concen: 38.417 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:163 Resp: 886423

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.0	12.0



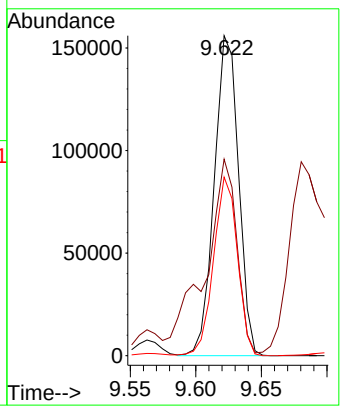


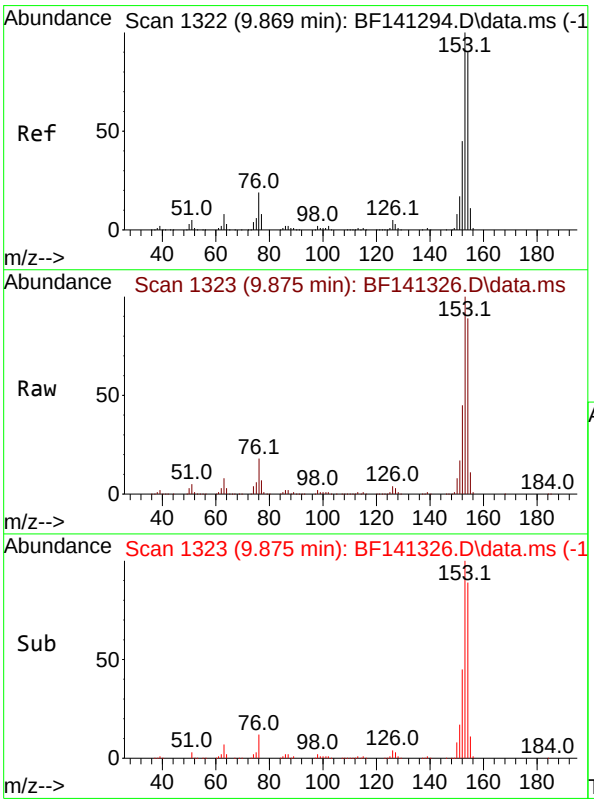
#51
2,6-Dinitrotoluene
Concen: 37.444 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:165 Resp: 200607

Ion	Ratio	Lower	Upper
165	100		
63	61.4	48.1	72.1
89	55.8	44.9	67.3

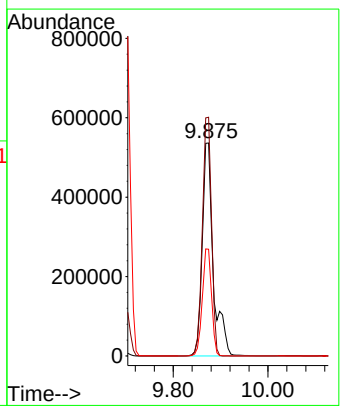


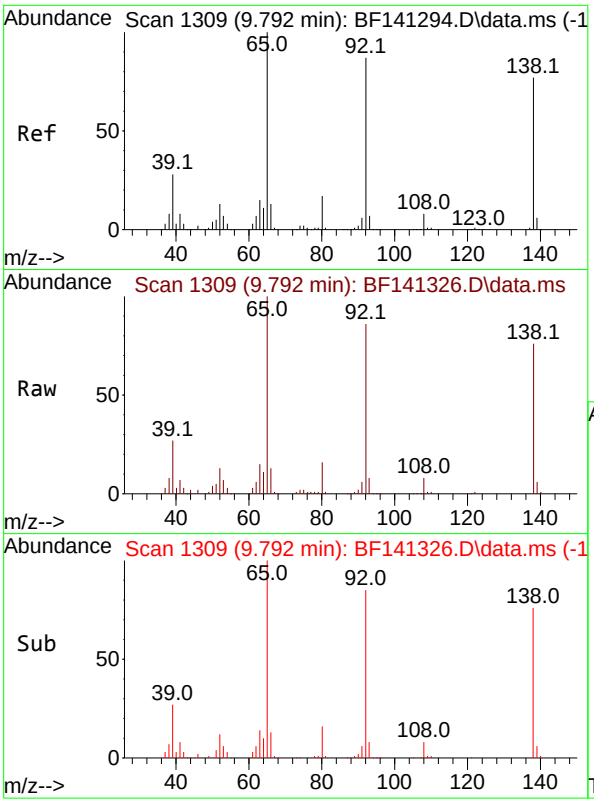


#52
Acenaphthene
Concen: 41.962 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:154 Resp: 871464

Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.0	133.4
152	50.1	40.2	60.4



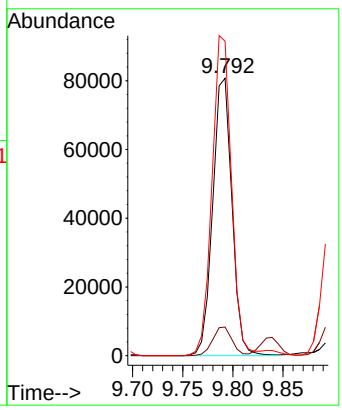


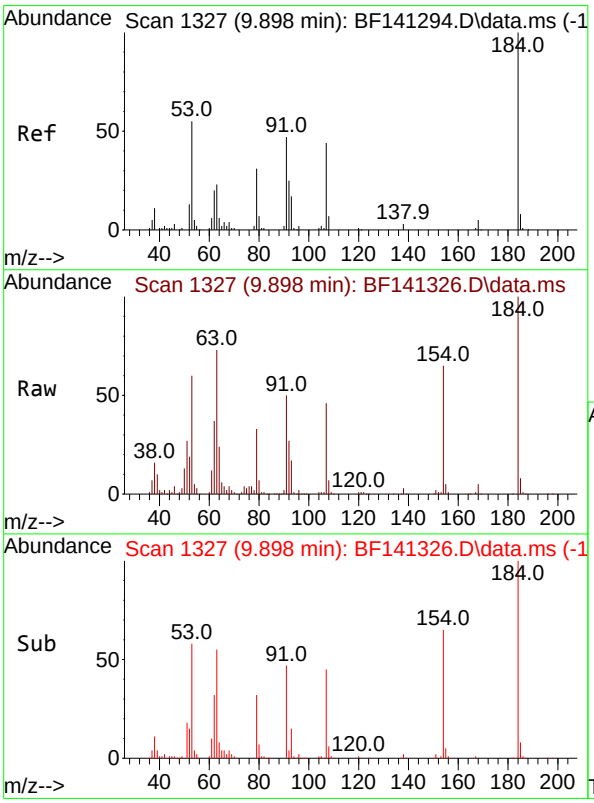
#53
3-Nitroaniline
Concen: 20.511 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:138 Resp: 107700

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	113.4	91.0	136.6

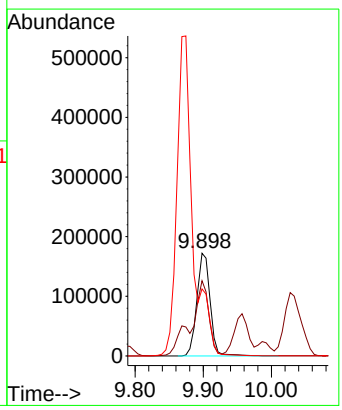


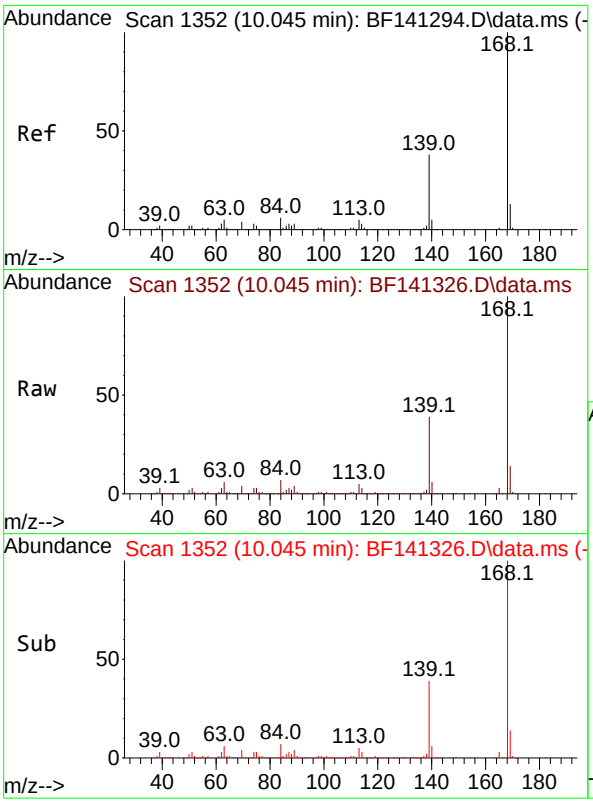


#54
2,4-Dinitrophenol
Concen: 93.602 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:184 Resp: 233111

Ion	Ratio	Lower	Upper
184	100		
63	73.2	54.1	81.1
154	65.2	50.7	76.1



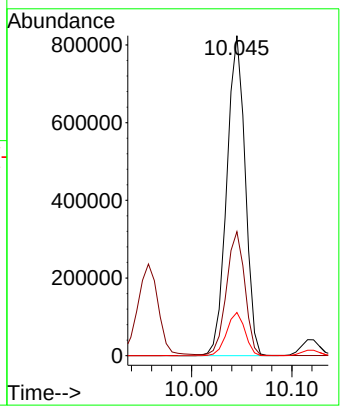


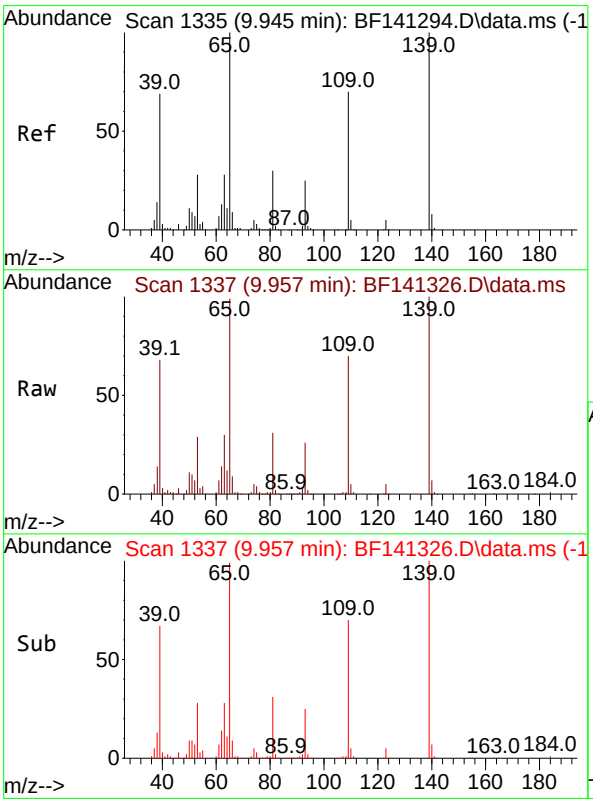
#55
Dibenzofuran
Concen: 37.742 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:168 Resp: 1049171

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	46.0
169	13.5	10.8	16.2

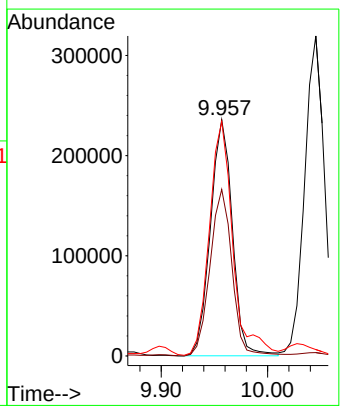


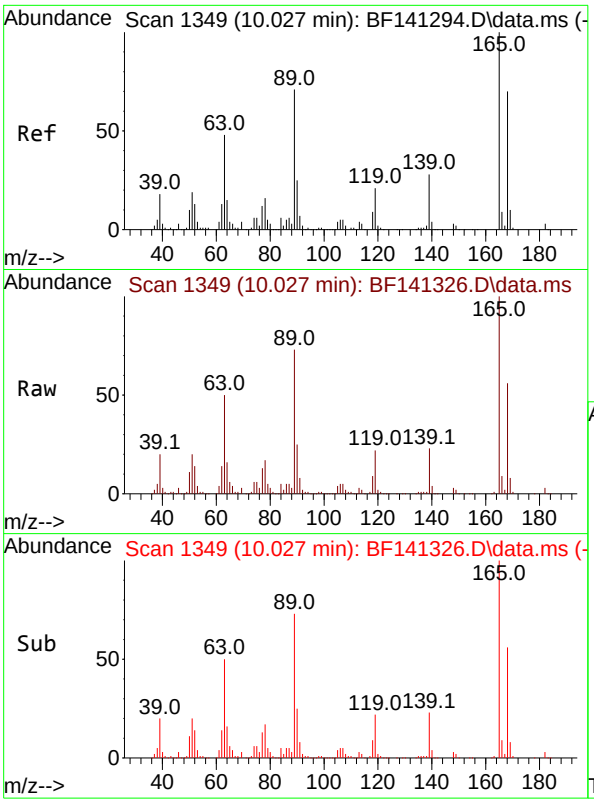


#56
4-Nitrophenol
Concen: 87.919 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:139 Resp: 337626

Ion	Ratio	Lower	Upper
139	100		
109	70.5	50.2	90.2
65	99.2	80.6	120.6



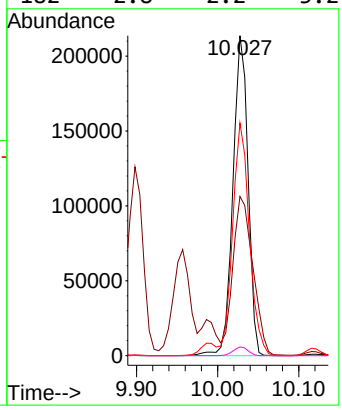


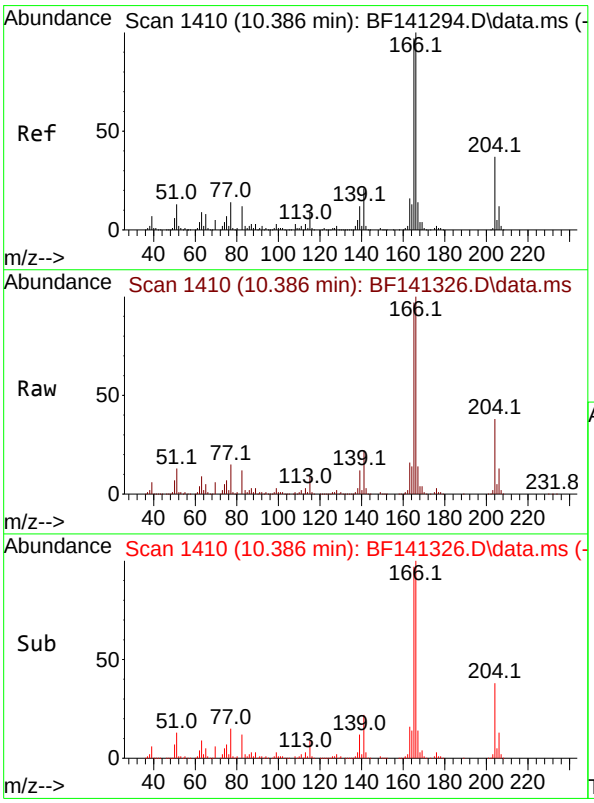
#57
2,4-Dinitrotoluene
Concen: 39.763 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:165 Resp: 275815

Ion	Ratio	Lower	Upper
165	100		
63	49.8	39.2	58.8
89	72.7	56.9	85.3
182	2.8	2.2	3.2

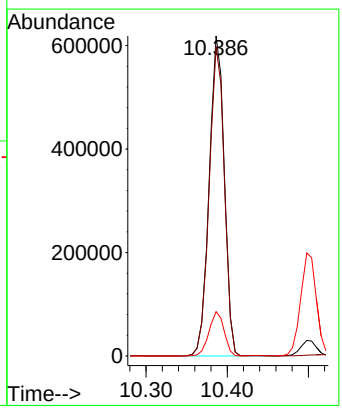


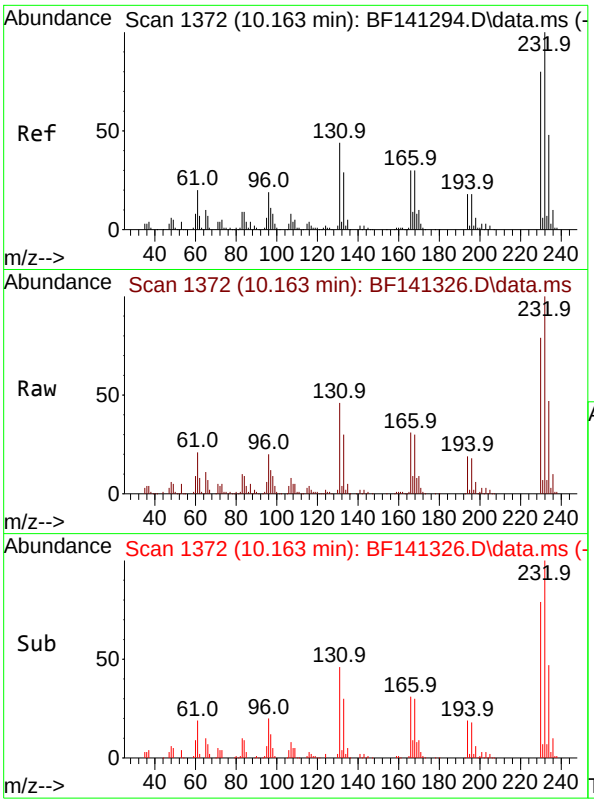


#58
Fluorene
Concen: 37.071 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:166 Resp: 799362

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.5	116.3
167	13.8	10.9	16.3



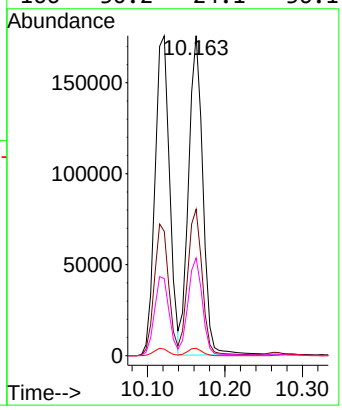


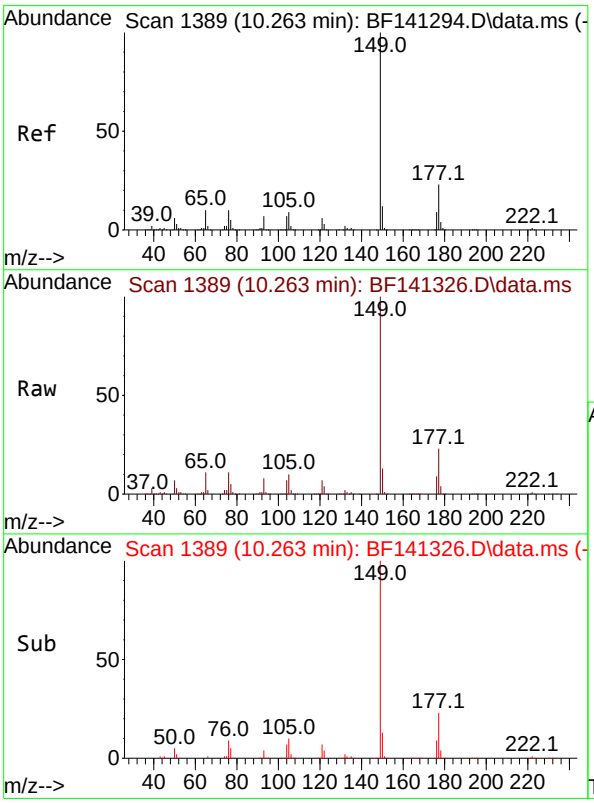
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.280 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:232 Resp: 224854

Ion	Ratio	Lower	Upper
232	100		
131	46.7	36.4	54.6
130	2.3	1.9	2.9
166	30.2	24.1	36.1

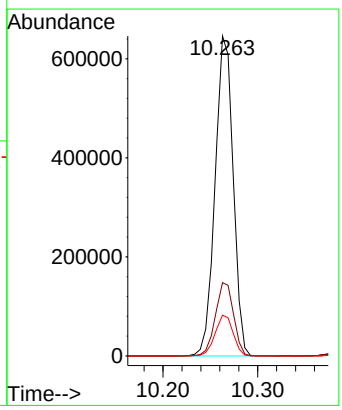


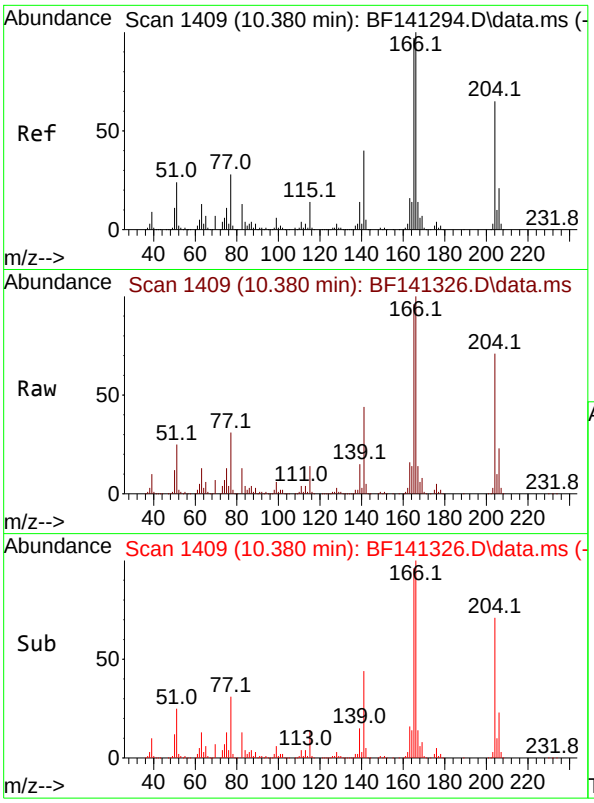


#60
Diethylphthalate
Concen: 38.310 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 857103

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.8	10.0	15.0



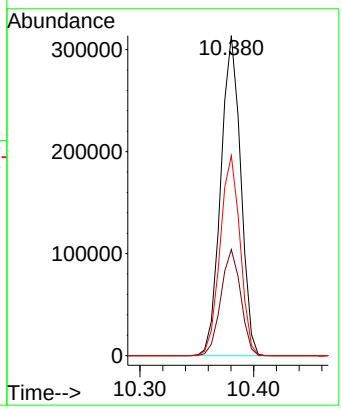


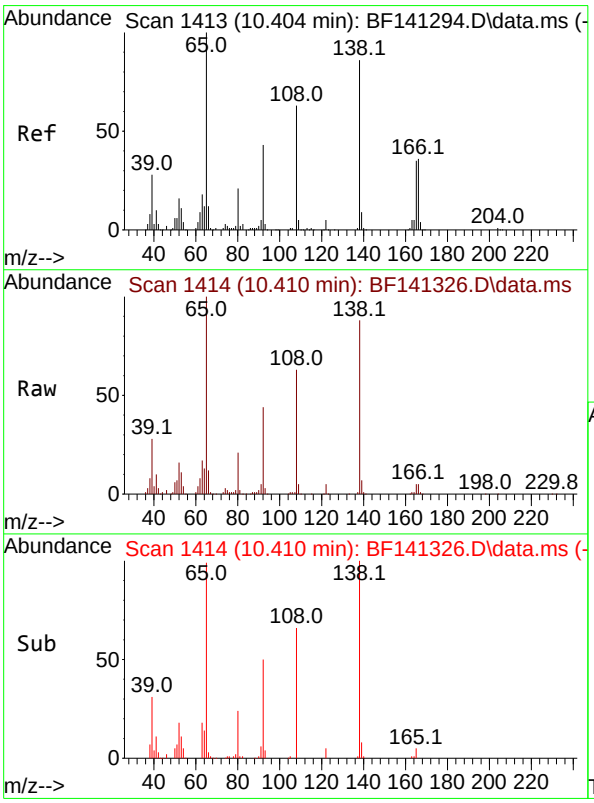
#61
4-Chlorophenyl-phenylether
Concen: 36.243 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:204 Resp: 381746

Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.9	38.9
141	62.5	49.5	74.3

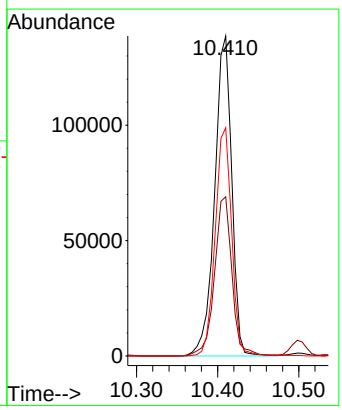


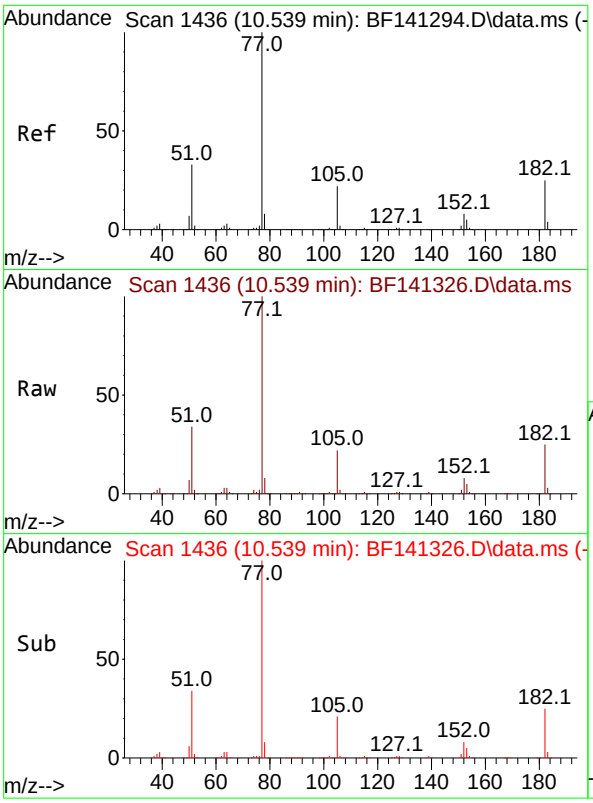


#62
4-Nitroaniline
Concen: 39.336 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:138 Resp: 203068

Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.1	70.1
108	71.3	53.1	93.1



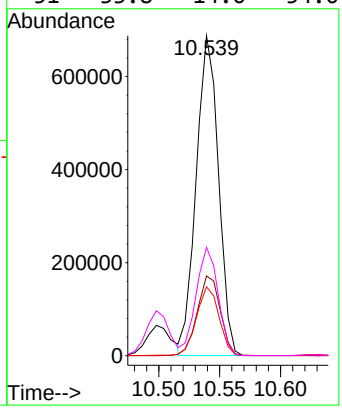


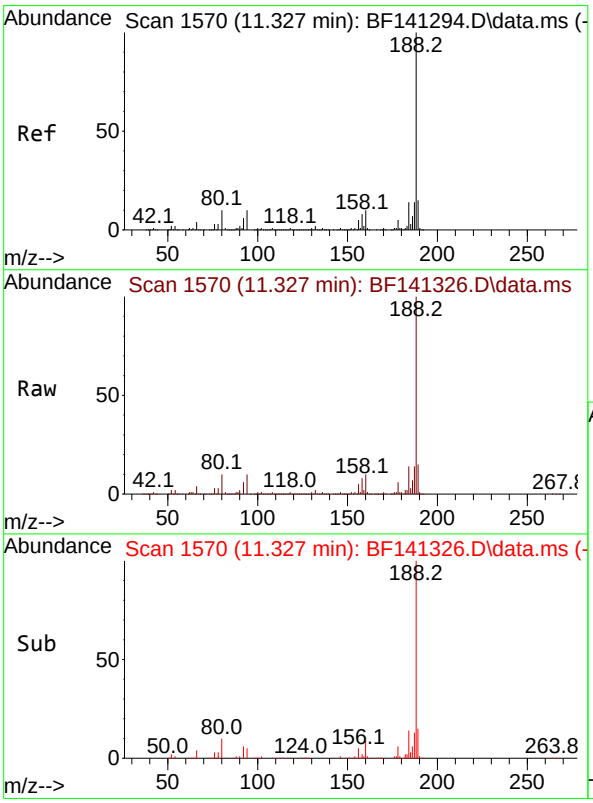
#63
Azobenzene
Concen: 39.082 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion: 77 Resp: 875236

Ion	Ratio	Lower	Upper
77	100		
182	24.9	5.1	45.1
105	21.5	1.8	41.8
51	33.8	14.0	54.0

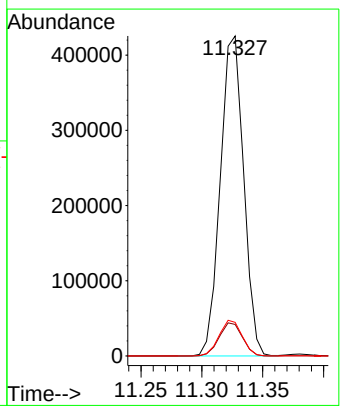


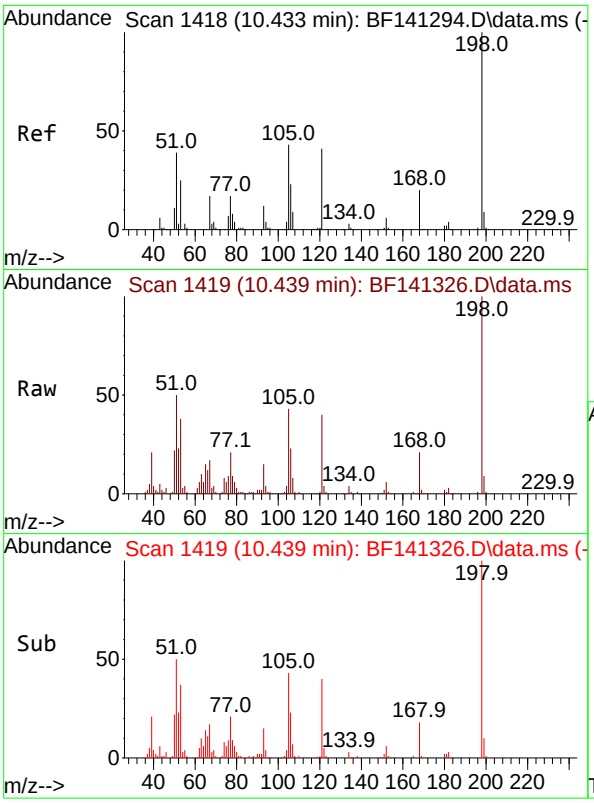


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:188 Resp: 567661

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.5	8.2	12.4



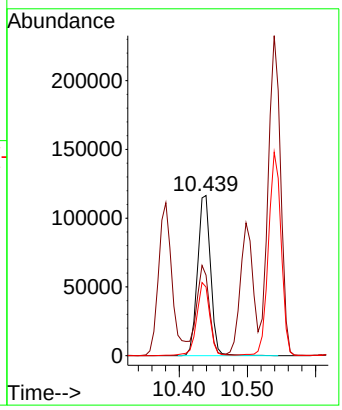


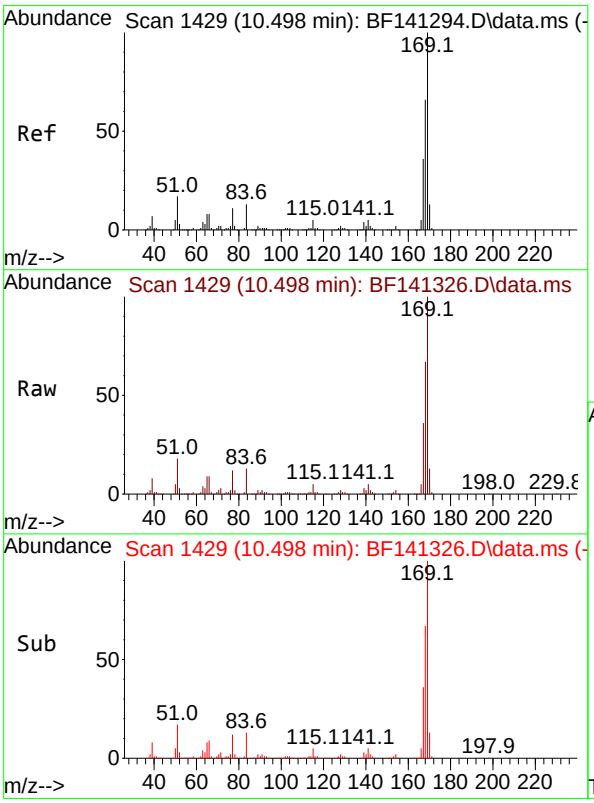
#65
4,6-Dinitro-2-methylphenol
Concen: 45.935 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:198 Resp: 154237

Ion	Ratio	Lower	Upper
198	100		
51	50.3	33.4	73.4
105	42.9	24.4	64.4

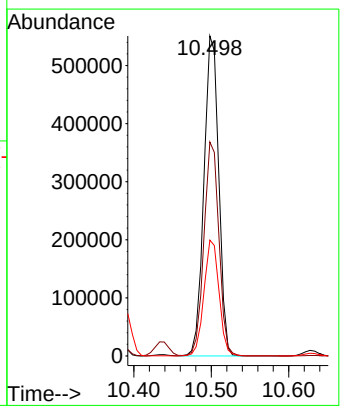


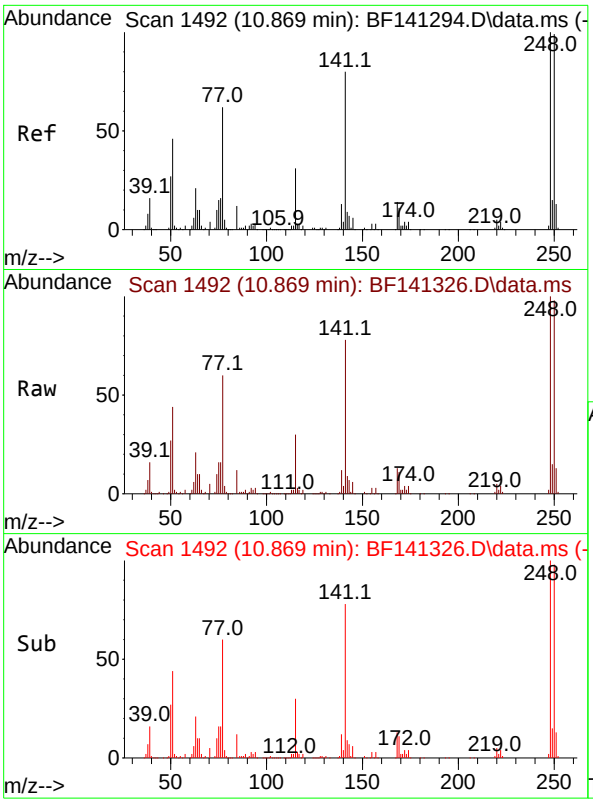


#66
n-Nitrosodiphenylamine
Concen: 39.799 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:169 Resp: 730726

Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.0	79.4
167	36.2	28.8	43.2



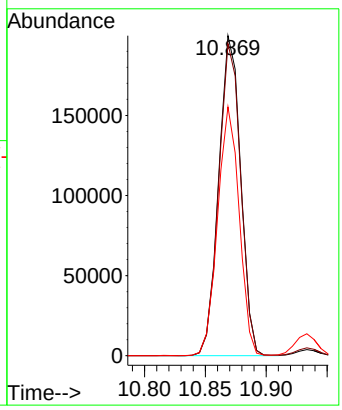


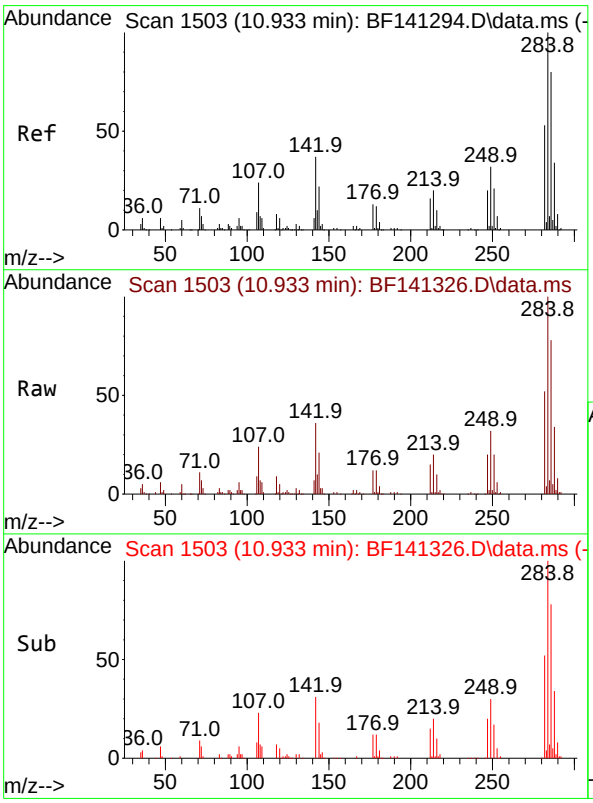
#67
4-Bromophenyl-phenylether
Concen: 39.548 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:248 Resp: 251332

Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.0	118.4
141	77.8	63.7	95.5

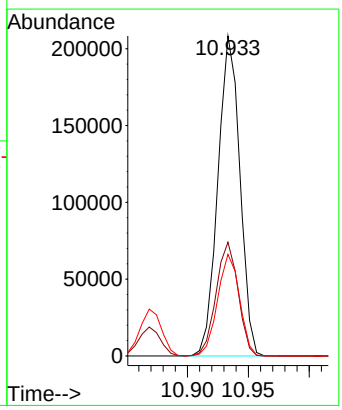


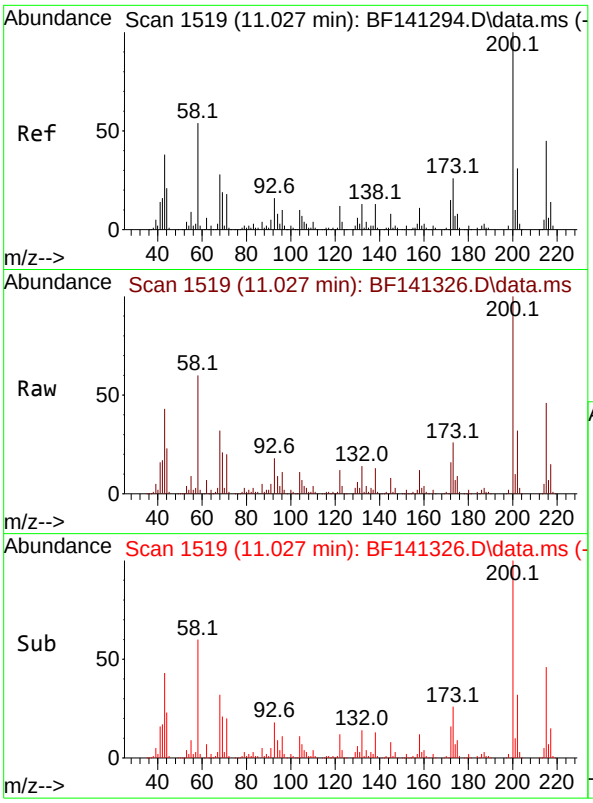


#68
Hexachlorobenzene
Concen: 38.896 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:284 Resp: 262205

Ion	Ratio	Lower	Upper
284	100		
142	35.5	29.5	44.3
249	31.8	25.4	38.2



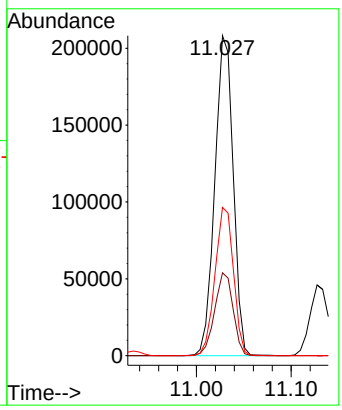


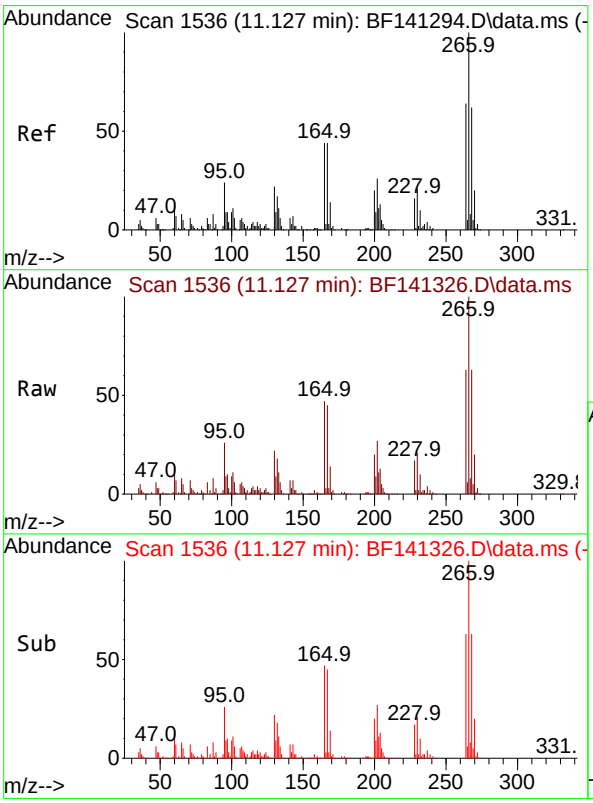
#69
Atrazine
Concen: 45.789 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:200 Resp: 281085

Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.9	45.9
215	46.4	25.2	65.2

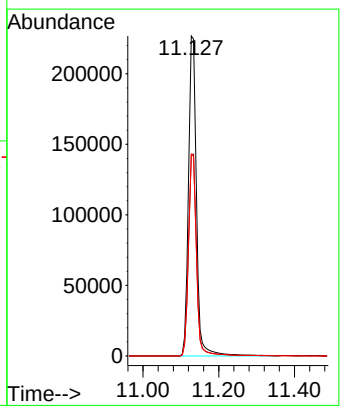


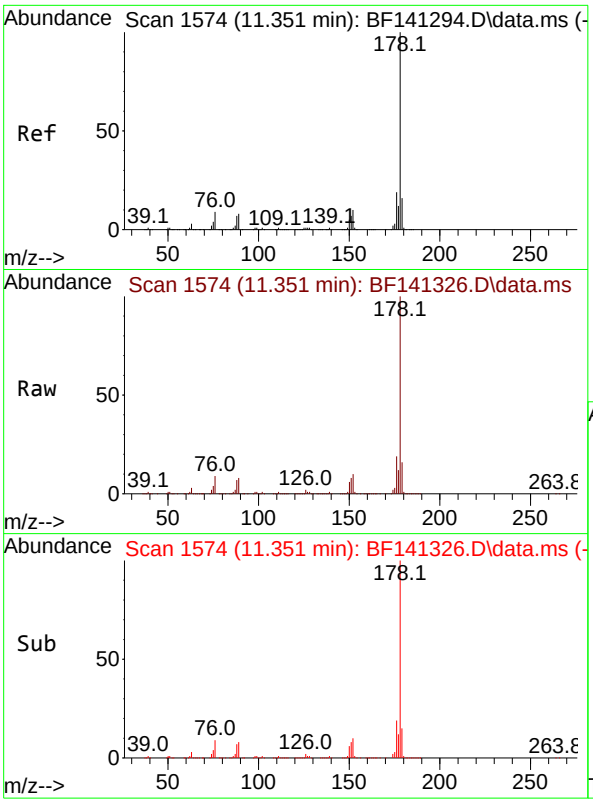


#70
Pentachlorophenol
Concen: 84.175 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:266 Resp: 332283

Ion	Ratio	Lower	Upper
266	100		
268	62.9	49.9	74.9
264	63.1	51.0	76.4



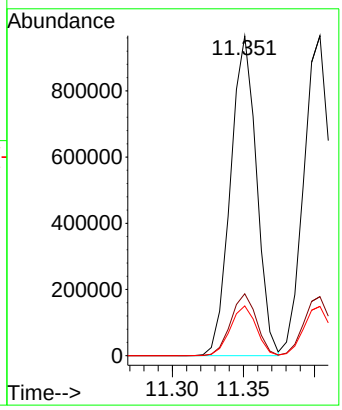


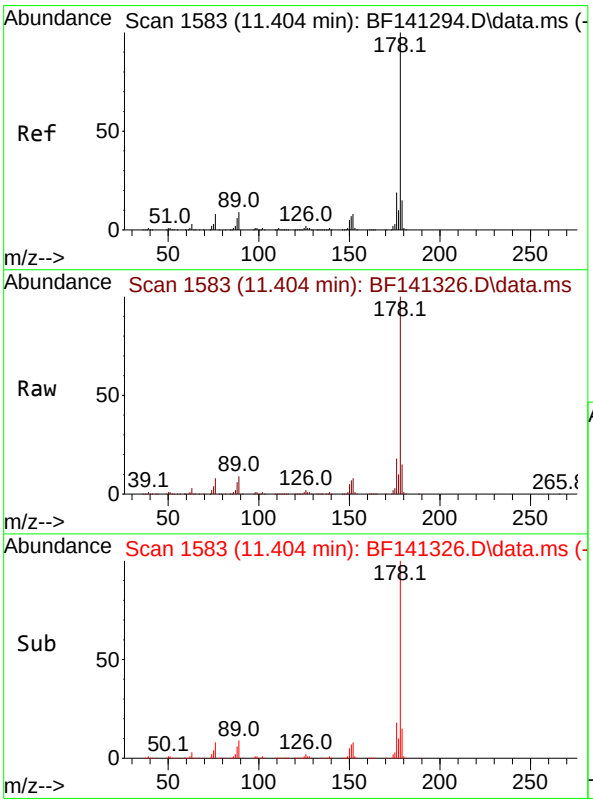
#71
Phenanthrene
Concen: 40.230 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:178 Resp: 1227588

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.6	12.5	18.7

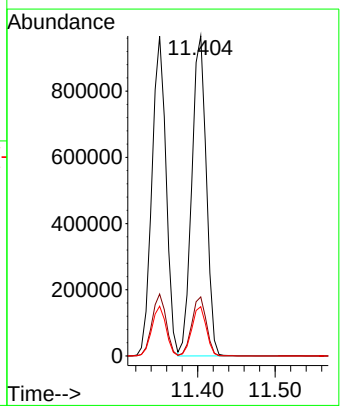


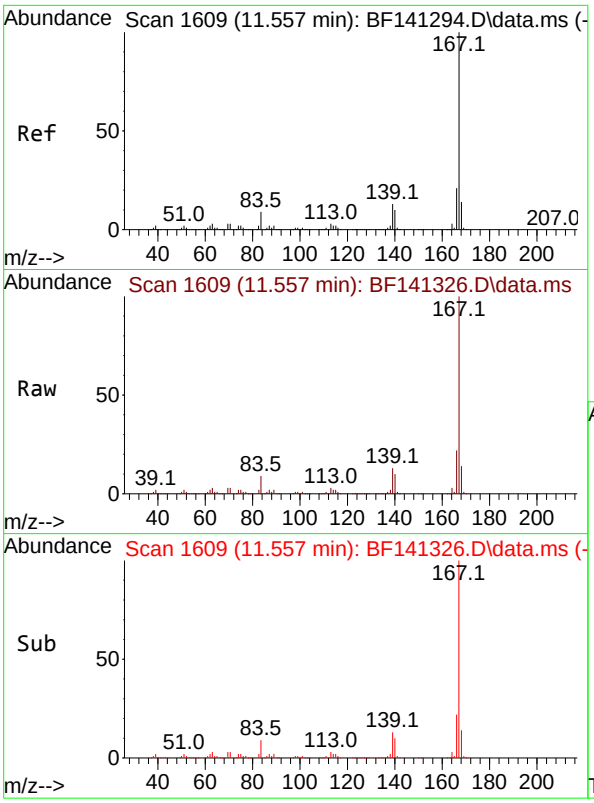


#72
Anthracene
Concen: 41.915 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:178 Resp: 1253177

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.4	12.3	18.5



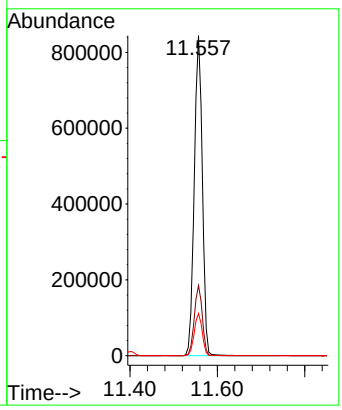


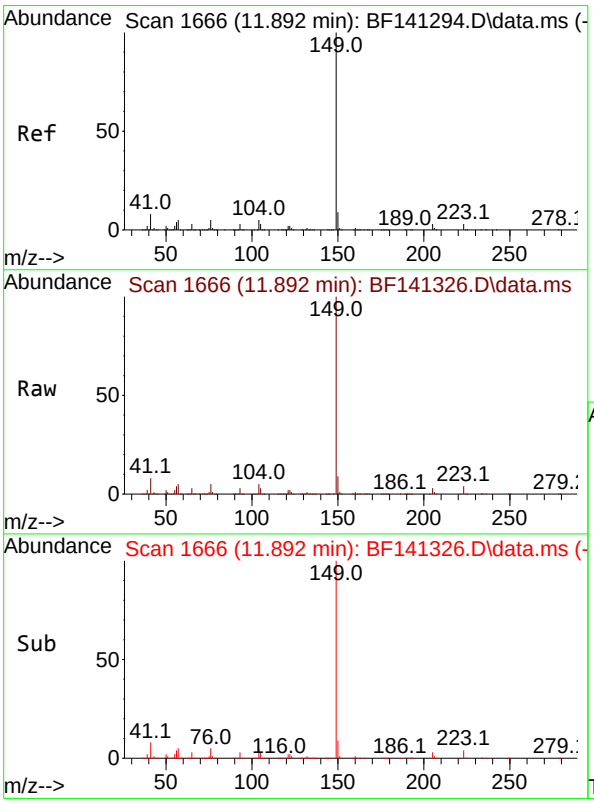
#73
Carbazole
Concen: 40.941 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:167 Resp: 1085415

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	13.2	10.6	16.0

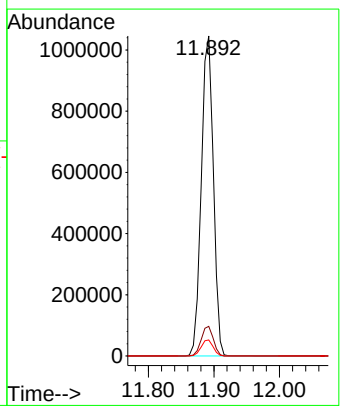


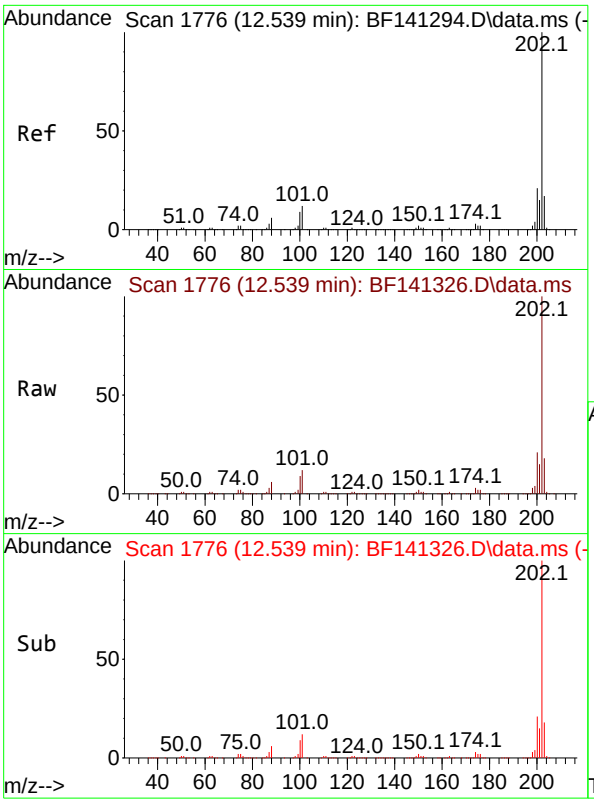


#74
Di-n-butylphthalate
Concen: 41.666 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 1338697

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9



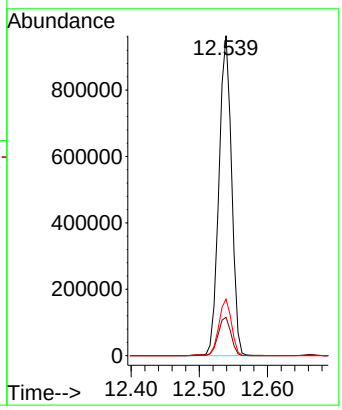


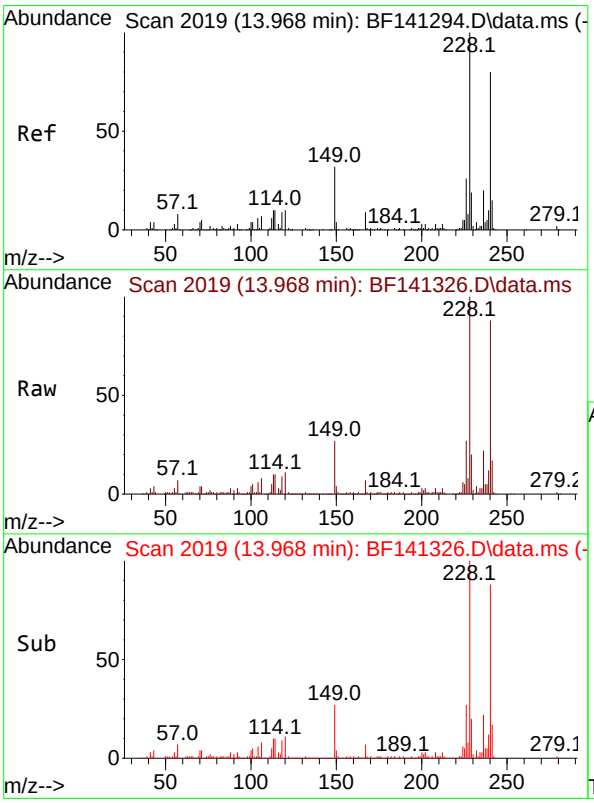
#75
Fluoranthene
Concen: 41.272 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:202 Resp: 1243504

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.7
203	17.7	0.0	37.5

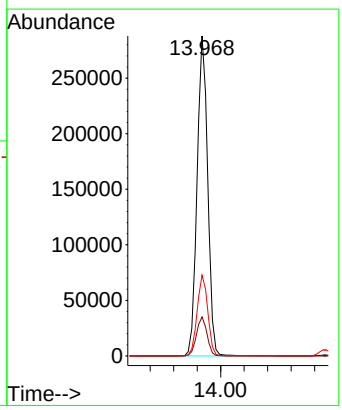


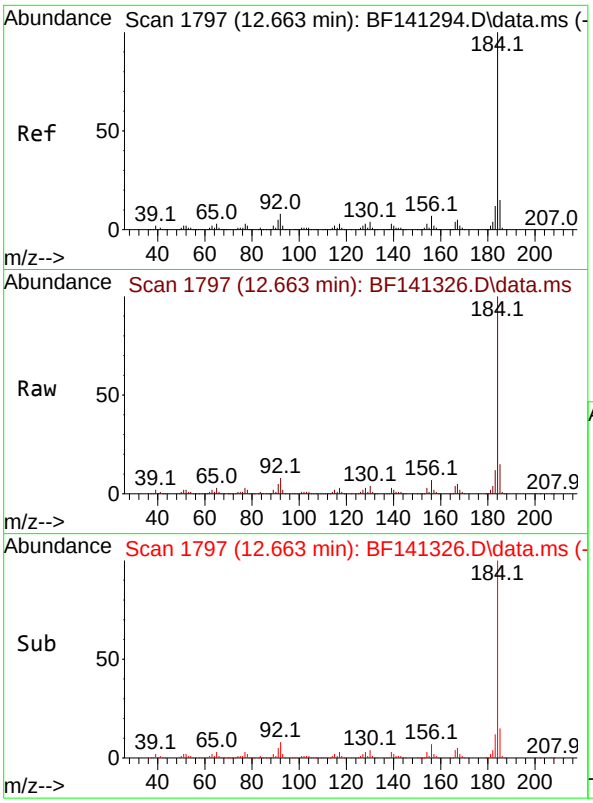


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:240 Resp: 360251

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.0	15.0
236	25.3	19.7	29.5



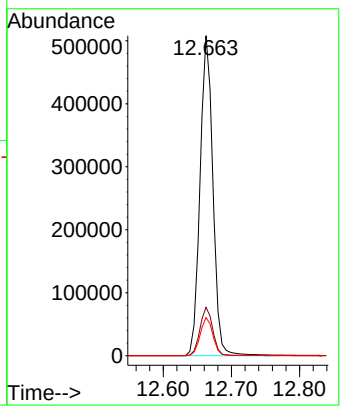


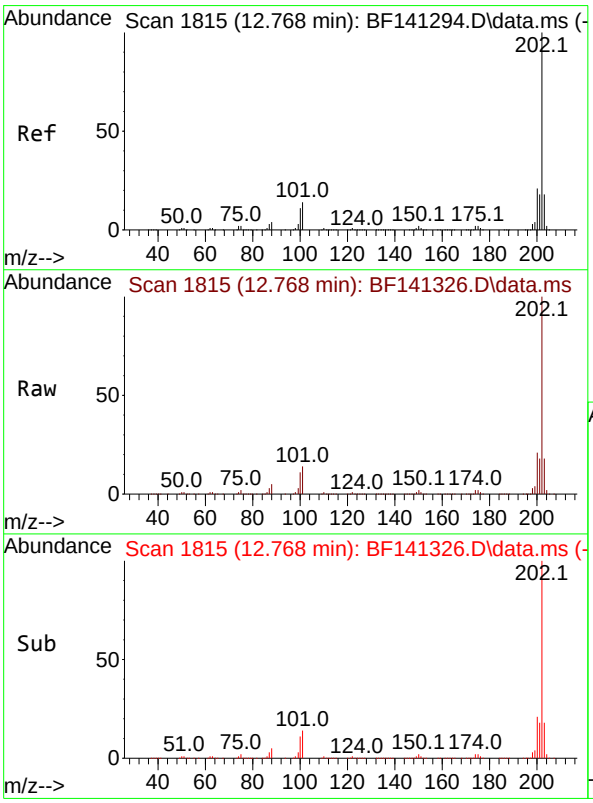
#77
Benzidine
Concen: 57.740 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:184 Resp: 666846

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.9	9.5	14.3

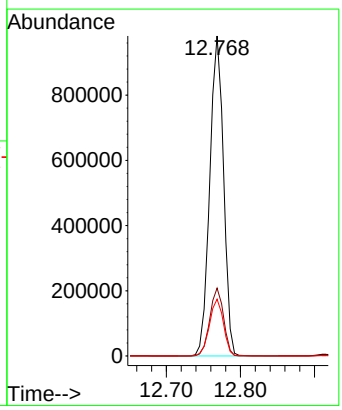


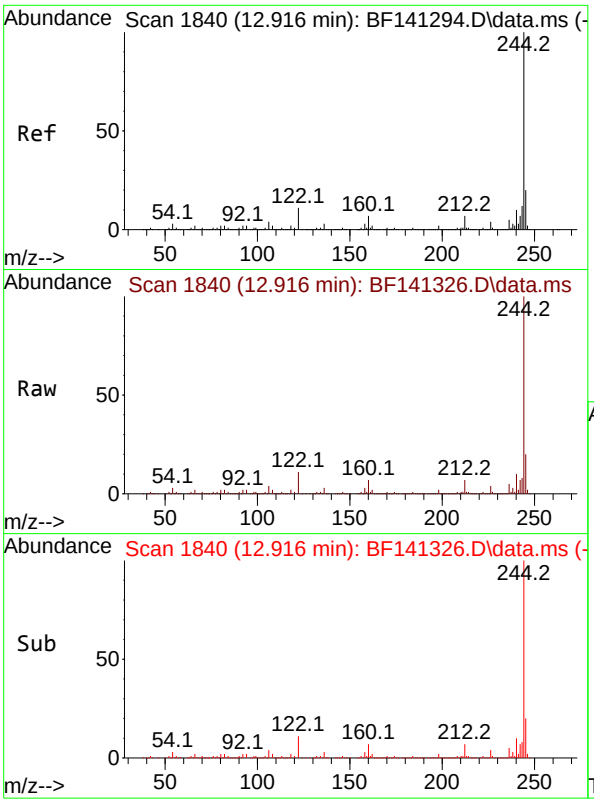


#78
Pyrene
Concen: 36.667 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:202 Resp: 1267965

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	14.3	21.5



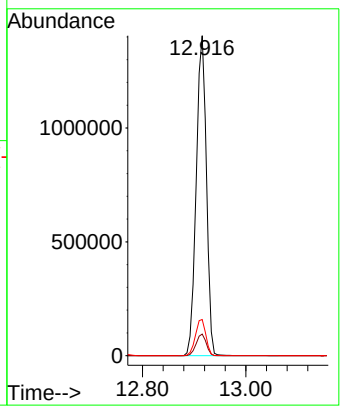


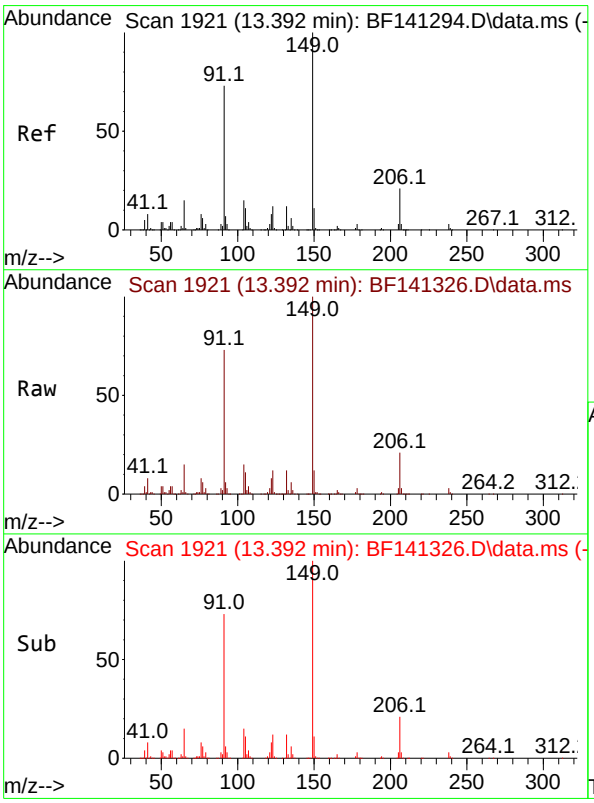
#79
Terphenyl-d14
Concen: 82.328 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:244 Resp: 1923163

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.3	8.8	13.2

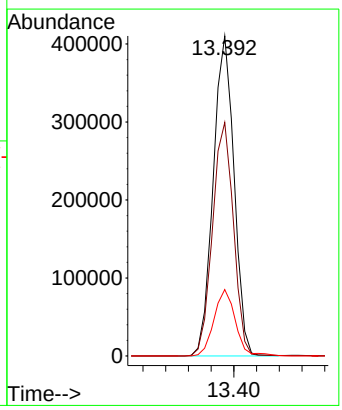


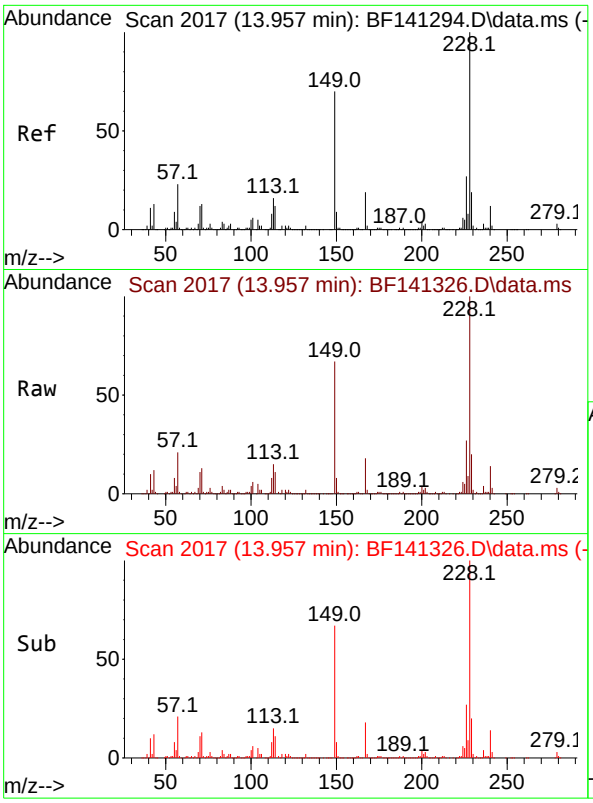


#80
Butylbenzylphthalate
Concen: 43.249 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 522487

Ion	Ratio	Lower	Upper
149	100		
91	73.0	58.6	87.8
206	20.7	16.7	25.1



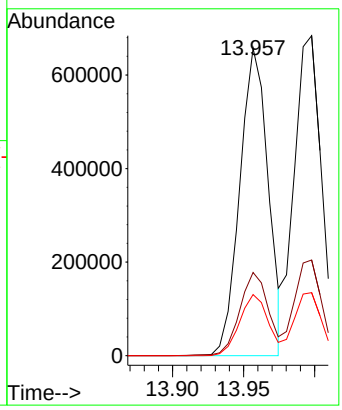


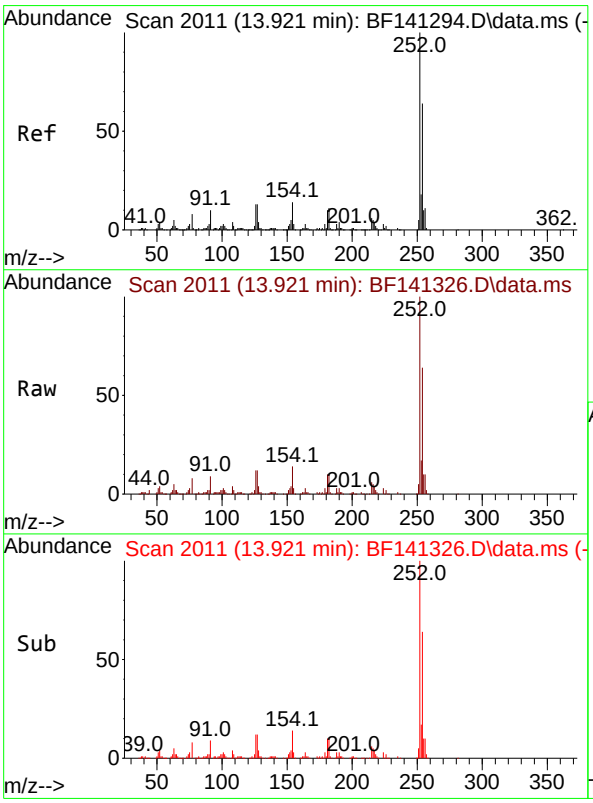
#81
Benzo(a)anthracene
Concen: 36.874 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:228 Resp: 916653

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.9	15.5	23.3

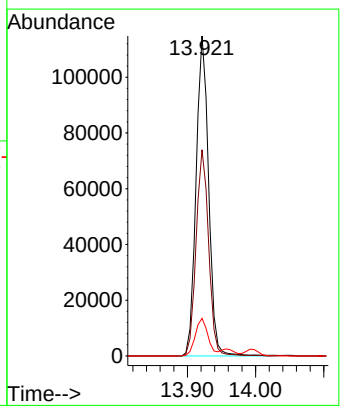


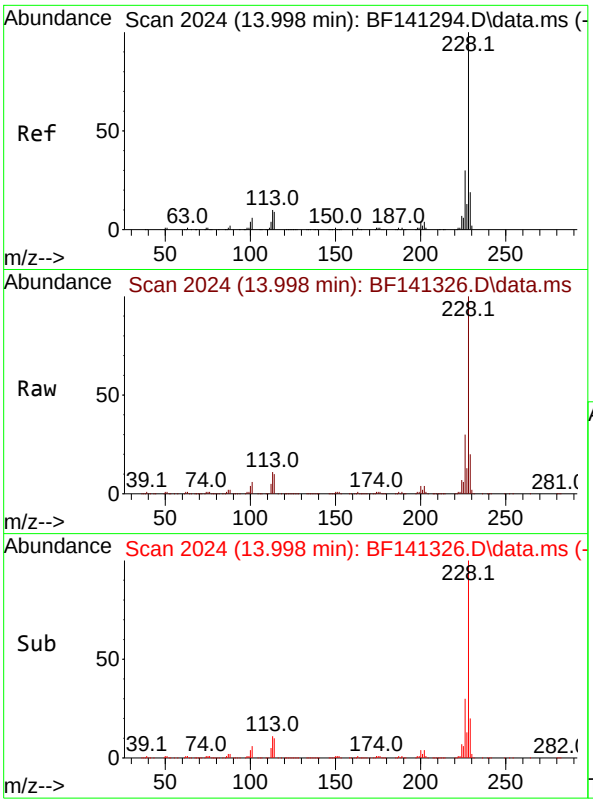


#82
3,3'-Dichlorobenzidine
Concen: 18.609 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 147134

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.3	76.9
126	11.8	10.0	15.0



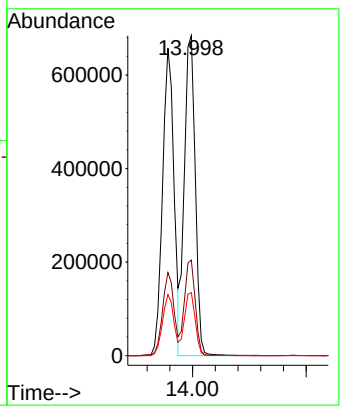


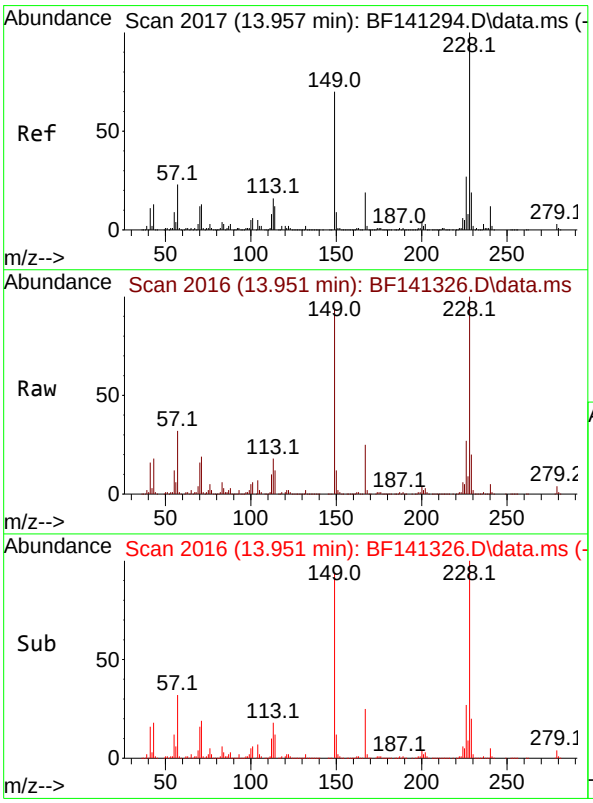
#83
Chrysene
Concen: 40.038 ng
RT: 13.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:228 Resp: 912171

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	19.7	15.6	23.4

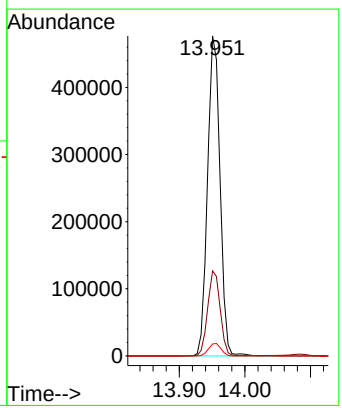


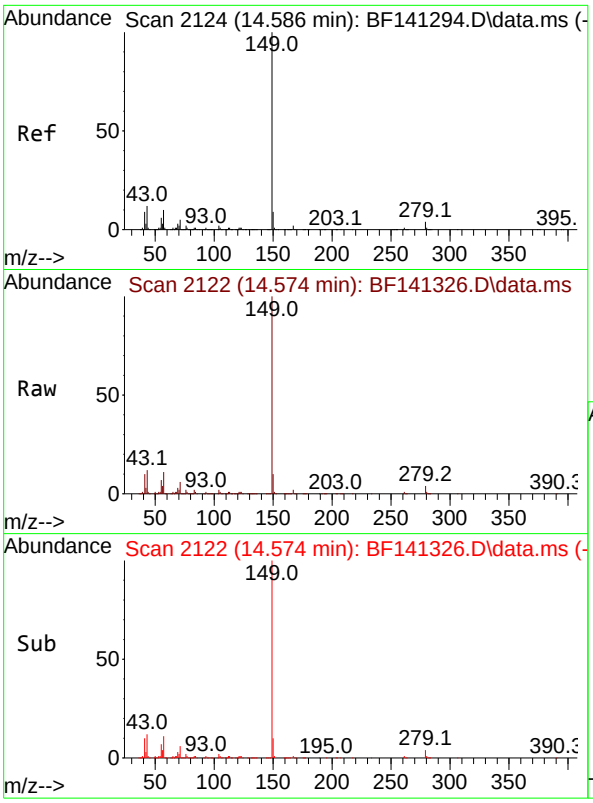


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.219 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:149 Resp: 631697

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.8	3.3	4.9



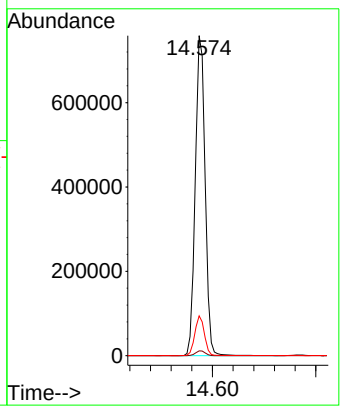


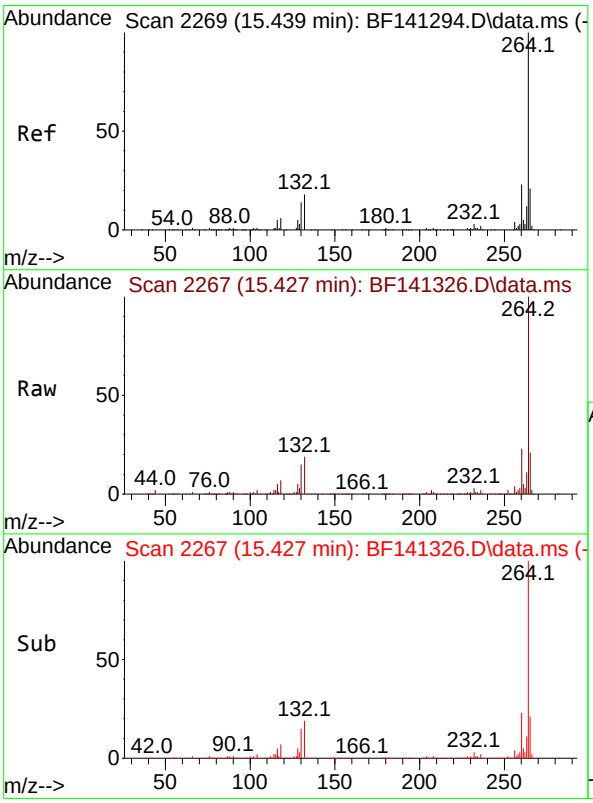
#85
Di-n-octyl phthalate
Concen: 42.094 ng
RT: 14.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:149 Resp: 1001969

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8

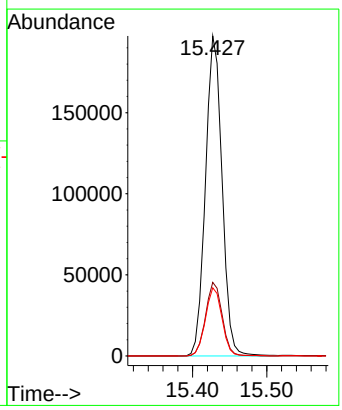


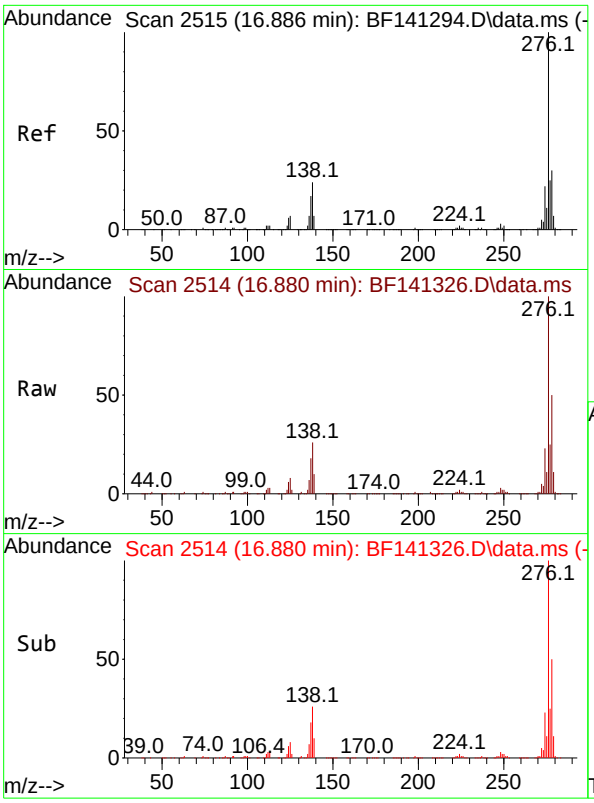


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:264 Resp: 306952

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.3	16.7	25.1



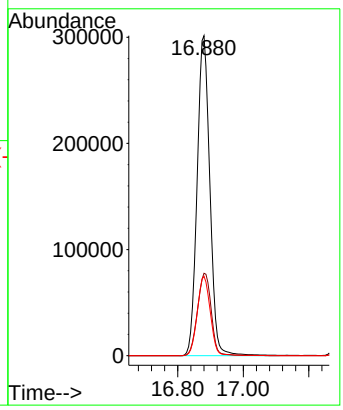


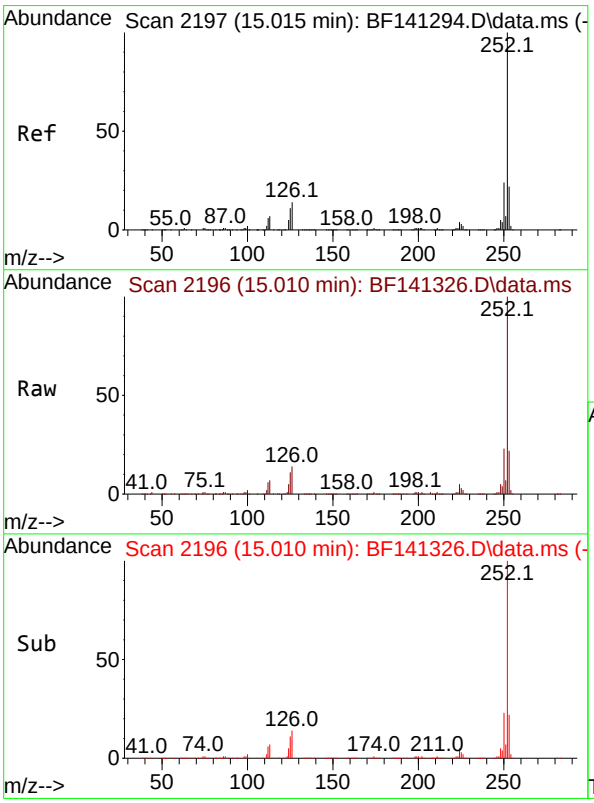
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.185 ng
RT: 16.880 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:276 Resp: 815928

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.7	32.5
277	25.4	20.3	30.5

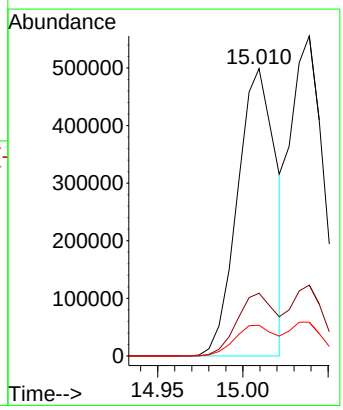


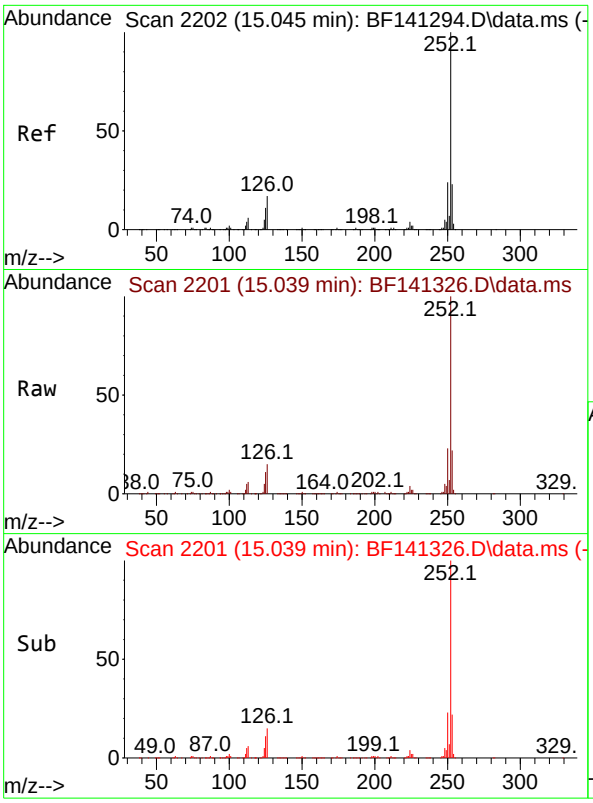


#88
Benzo(b)fluoranthene
Concen: 40.272 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 777569

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.7	8.6	12.8



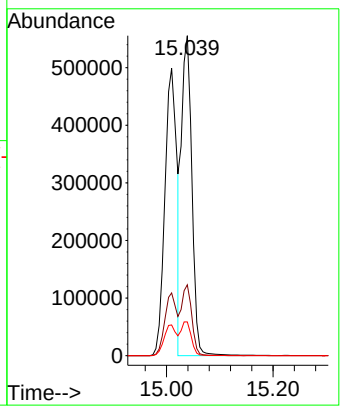


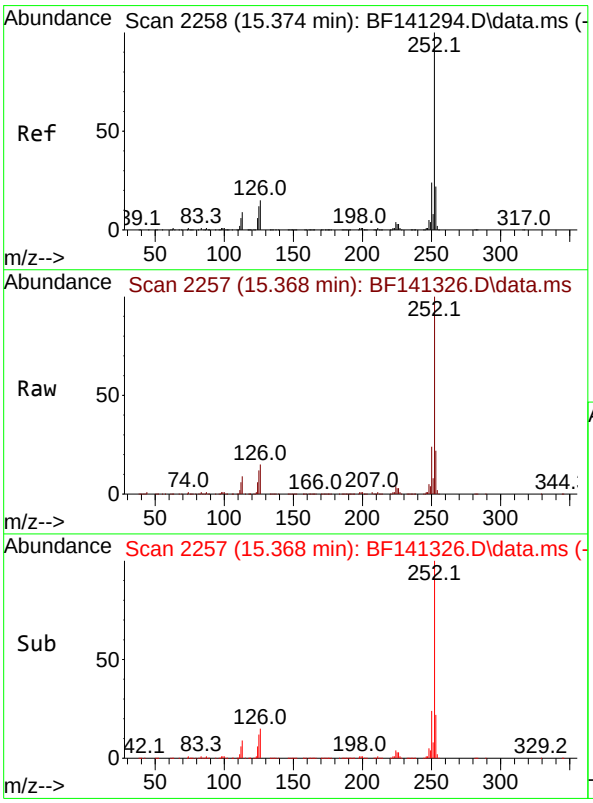
#89
Benzo(k)fluoranthene
Concen: 44.103 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:252 Resp: 754365

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.6	8.4	12.6

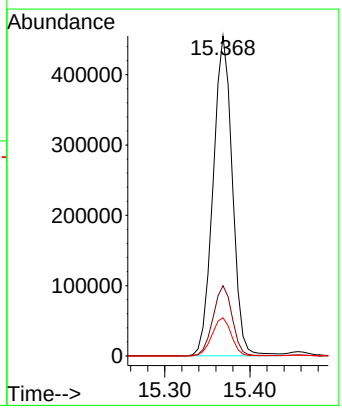


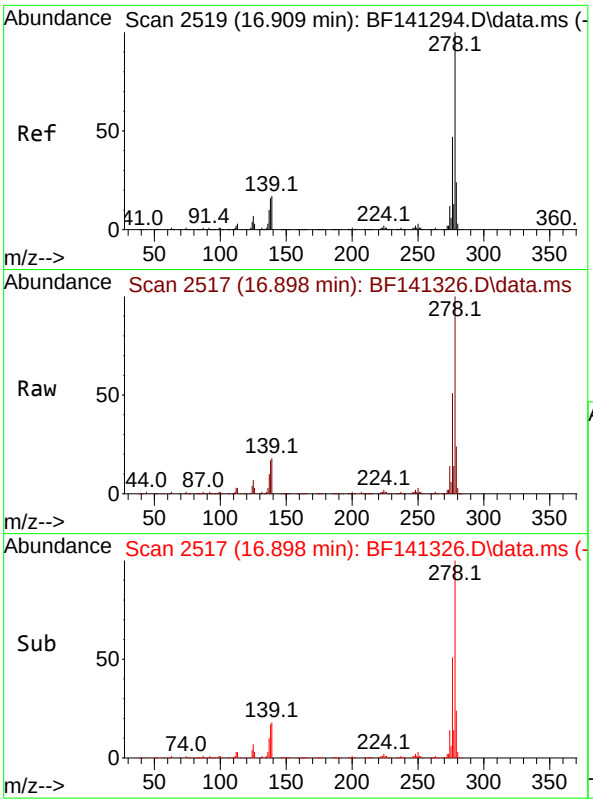


#90
Benzo(a)pyrene
Concen: 43.735 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:252 Resp: 713591

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.9	9.4	14.2



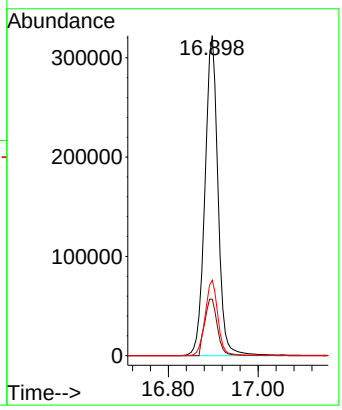


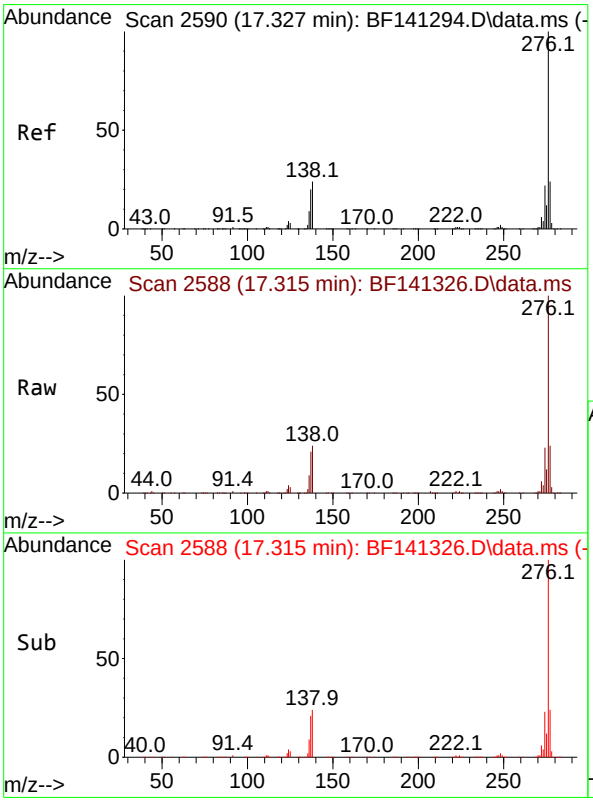
#91
Dibenzo(a,h)anthracene
Concen: 40.839 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Instrument :
BNA_F
ClientSampleId :
PB166363BS

Tgt Ion:278 Resp: 650927

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.9	20.9
279	23.6	18.8	28.2

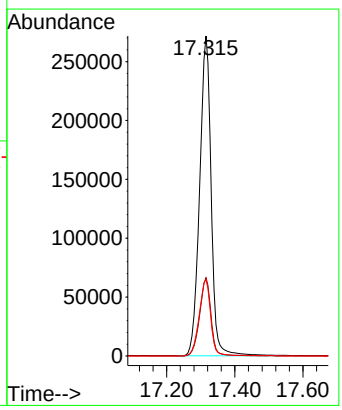




#92
Benzo(g,h,i)perylene
Concen: 38.467 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.030 min
Lab File: BF141326.D
Acq: 31 Jan 2025 12:28

Tgt Ion:276 Resp: 637520

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	23.9	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	162815	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	656268	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	352985	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	593804	20.000	ng	0.00
76) Chrysene-d12	13.969	240	372769	20.000	ng	0.00
86) Perylene-d12	15.427	264	322252	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1246986	117.580	ng	0.00
7) Phenol-d6	6.434	99	1582813	117.319	ng	0.00
23) Nitrobenzene-d5	7.363	82	1022248	82.115	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	407137	125.813	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1784508	77.813	ng	0.00
79) Terphenyl-d14	12.916	244	2011572	83.221	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	166928	35.789	ng	99
3) Pyridine	3.316	79	409396	36.430	ng	99
4) n-Nitrosodimethylamine	3.263	42	246038	38.325	ng	98
6) Aniline	6.463	93	454738	39.818	ng	95
8) 2-Chlorophenol	6.581	128	454041	39.943	ng	98
9) Benzaldehyde	6.351	77	384438	49.194	ng	100
10) Phenol	6.445	94	546950	38.244	ng	90
11) bis(2-Chloroethyl)ether	6.540	93	410915	37.473	ng	98
12) 1,3-Dichlorobenzene	6.740	146	453232	36.162	ng	99
13) 1,4-Dichlorobenzene	6.816	146	456173	36.230	ng	100
14) 1,2-Dichlorobenzene	6.969	146	441372	37.436	ng	99
15) Benzyl Alcohol	6.940	79	382706	41.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	755292	39.610	ng	98
17) 2-Methylphenol	7.051	107	366895	39.714	ng	99
18) Hexachloroethane	7.310	117	172836	37.209	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	309046	38.550	ng	97
20) 3+4-Methylphenols	7.204	107	436495	38.480	ng	96
22) Acetophenone	7.210	105	640608	41.066	ng	99
24) Nitrobenzene	7.381	77	466546	36.164	ng	99
25) Isophorone	7.622	82	852148	39.599	ng	100
26) 2-Nitrophenol	7.698	139	240977	39.606	ng	99
27) 2,4-Dimethylphenol	7.734	122	382924	49.446	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	525514	38.285	ng	99
29) 2,4-Dichlorophenol	7.939	162	366016	38.606	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	382419	35.320	ng	100
31) Naphthalene	8.104	128	1259081	36.317	ng	100
32) Benzoic acid	7.863	122	325960	45.786	ng	99
33) 4-Chloroaniline	8.151	127	147310	12.530	ng	98
34) Hexachlorobutadiene	8.222	225	225660	35.540	ng	99
35) Caprolactam	8.522	113	89287	28.837	ng	99
36) 4-Chloro-3-methylphenol	8.634	107	408024	40.122	ng	96
37) 2-Methylnaphthalene	8.792	142	799792	36.296	ng	98
38) 1-Methylnaphthalene	8.892	142	783637	36.204	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	408014	40.631	ng	98
41) Hexachlorocyclopentadiene	8.945	237	467280	157.562	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	260073	39.568	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

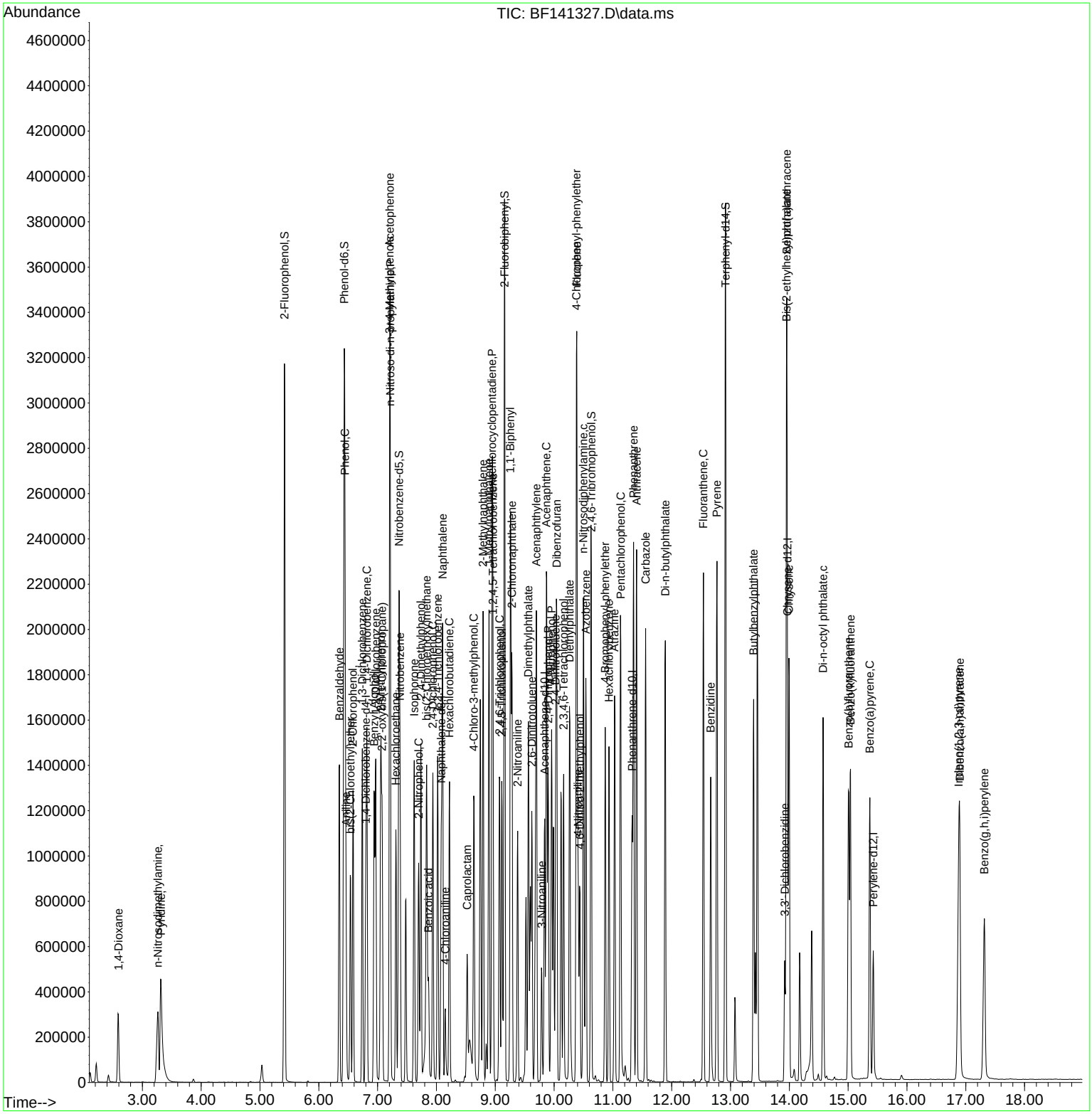
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	274449	38.364	ng	98
46) 1,1'-Biphenyl	9.257	154	1138200	41.346	ng	99
47) 2-Chloronaphthalene	9.281	162	769486	35.862	ng	99
48) 2-Nitroaniline	9.381	65	268925	39.846	ng	99
49) Acenaphthylene	9.698	152	1211717	40.342	ng	99
50) Dimethylphthalate	9.563	163	935055	39.221	ng	100
51) 2,6-Dinitrotoluene	9.622	165	211622	38.230	ng	99
52) Acenaphthene	9.869	154	905912	42.218	ng	99
53) 3-Nitroaniline	9.792	138	107941	19.896	ng	99
54) 2,4-Dinitrophenol	9.898	184	252834	98.257	ng	96
55) Dibenzofuran	10.045	168	1089517	37.933	ng	100
56) 4-Nitrophenol	9.957	139	358814	90.432	ng	99
57) 2,4-Dinitrotoluene	10.028	165	285303	39.808	ng	97
58) Fluorene	10.386	166	844352	37.898	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	238057	42.298	ng	100
60) Diethylphthalate	10.263	149	893307	38.644	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	405648	37.274	ng	100
62) 4-Nitroaniline	10.410	138	209172	39.216	ng	99
63) Azobenzene	10.539	77	911933	39.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	162906	46.381	ng	98
66) n-Nitrosodiphenylamine	10.498	169	763790	39.769	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	260632	39.206	ng	99
68) Hexachlorobenzene	10.933	284	274528	38.931	ng	99
69) Atrazine	11.028	200	294187	45.813	ng	99
70) Pentachlorophenol	11.133	266	349899	84.735	ng	98
71) Phenanthrene	11.351	178	1269881	39.784	ng	99
72) Anthracene	11.404	178	1302000	41.630	ng	100
73) Carbazole	11.557	167	1136855	40.994	ng	100
74) Di-n-butylphthalate	11.892	149	1401598	41.703	ng	100
75) Fluoranthene	12.539	202	1289953	40.929	ng	99
77) Benzidine	12.663	184	716205	59.932	ng	100
78) Pyrene	12.769	202	1324799	37.024	ng	100
80) Butylbenzylphthalate	13.392	149	541805	43.342	ng	99
81) Benzo(a)anthracene	13.957	228	942894	36.655	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	154325	18.863	ng	99
83) Chrysene	13.992	228	939517	39.853	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	657794	41.481	ng	100
85) Di-n-octyl phthalate	14.574	149	1053825	42.786	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	856626	41.186	ng	99
88) Benzo(b)fluoranthene	15.010	252	845792	41.725	ng	99
89) Benzo(k)fluoranthene	15.039	252	758956	42.265	ng	100
90) Benzo(a)pyrene	15.368	252	749665	43.765	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	681454	40.724	ng	100
92) Benzo(g,h,i)perylene	17.315	276	666012	38.278	ng	99

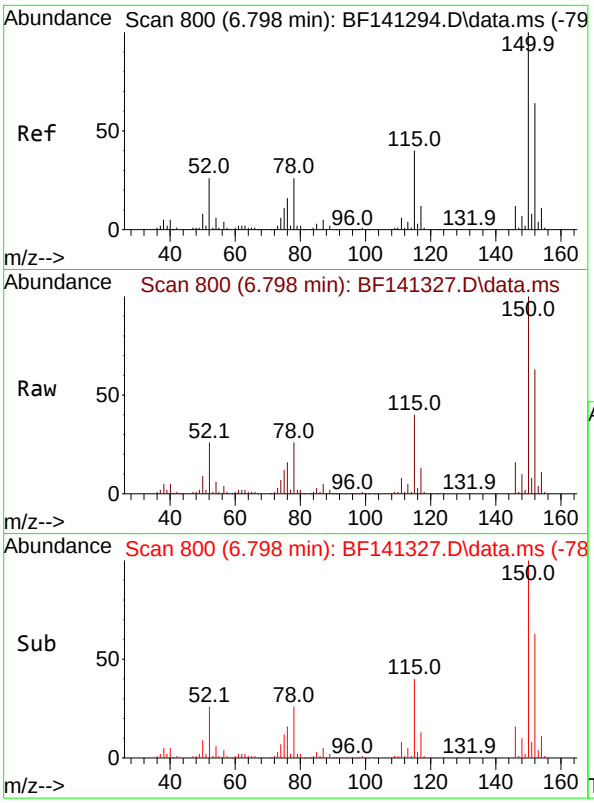
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141327.D
Acq On : 31 Jan 2025 12:54
Operator : RC/JU
Sample : PB166363BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Quant Time: Jan 31 13:16:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



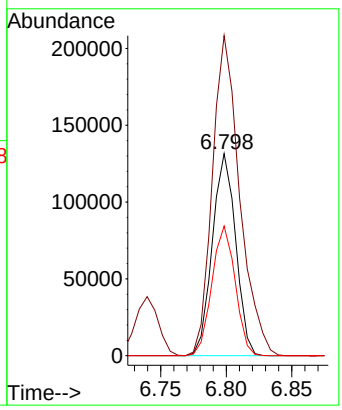


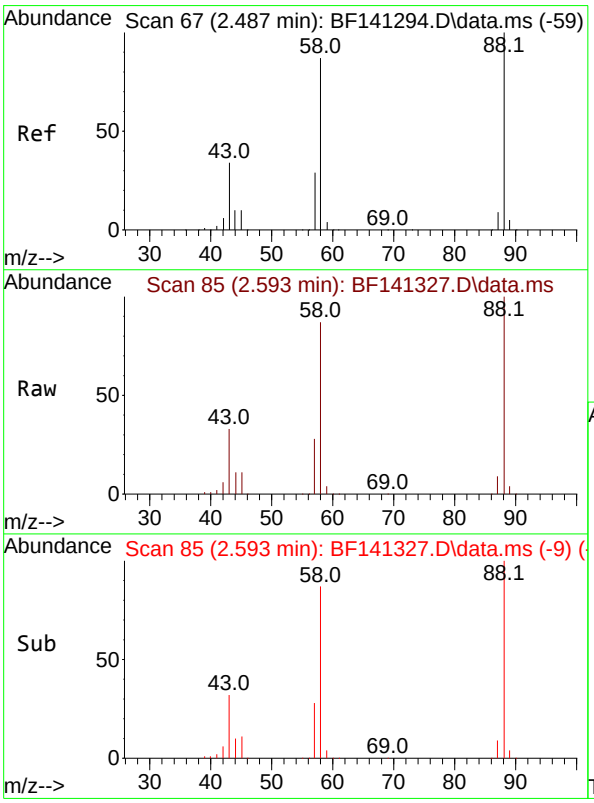
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:152 Resp: 162815

Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.9	188.9
115	64.1	49.7	74.5

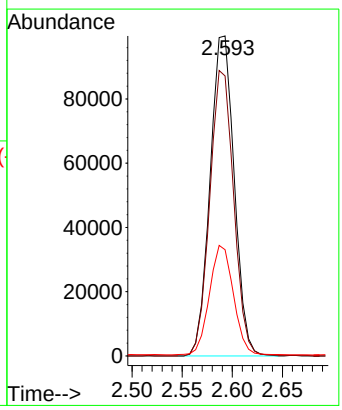


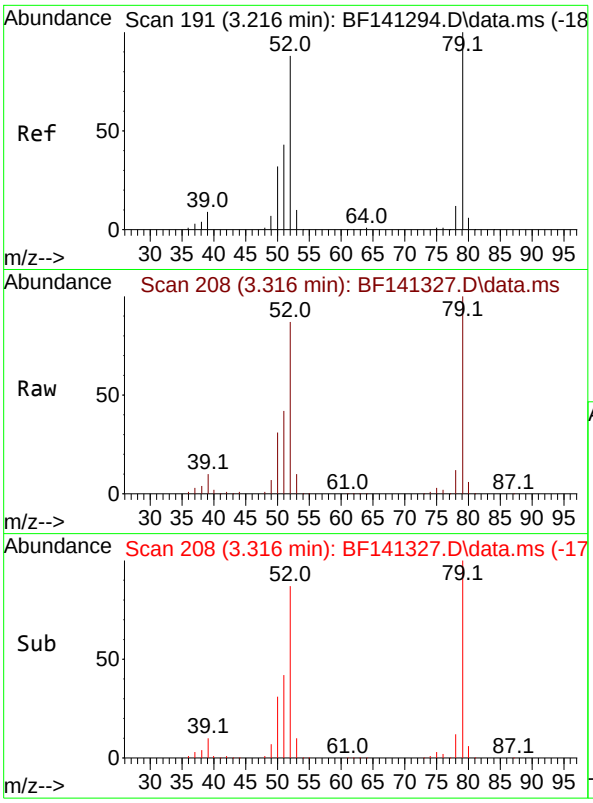


#2
1,4-Dioxane
Concen: 35.789 ng
RT: 2.593 min Scan# 85
Delta R.T. 0.100 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 88 Resp: 166928

Ion	Ratio	Lower	Upper
88	100		
58	88.5	70.2	105.4
43	34.0	27.6	41.4



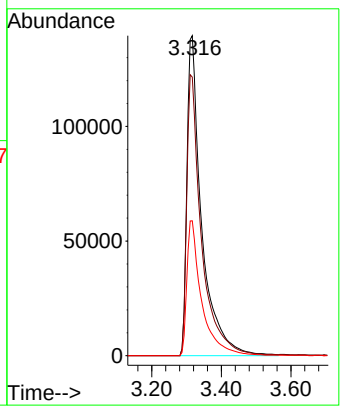


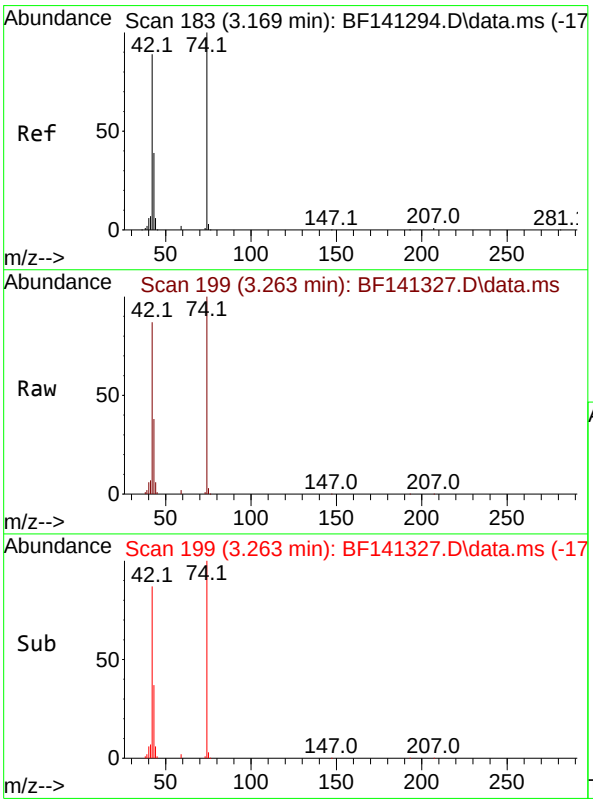
#3
Pyridine
Concen: 36.430 ng
RT: 3.316 min Scan# 2
Delta R.T. 0.088 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 79 Resp: 409396

Ion	Ratio	Lower	Upper
79	100		
52	87.0	70.3	105.5
51	42.1	34.3	51.5

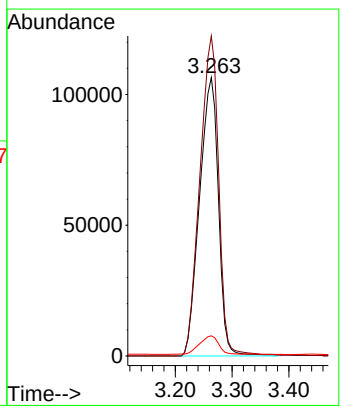


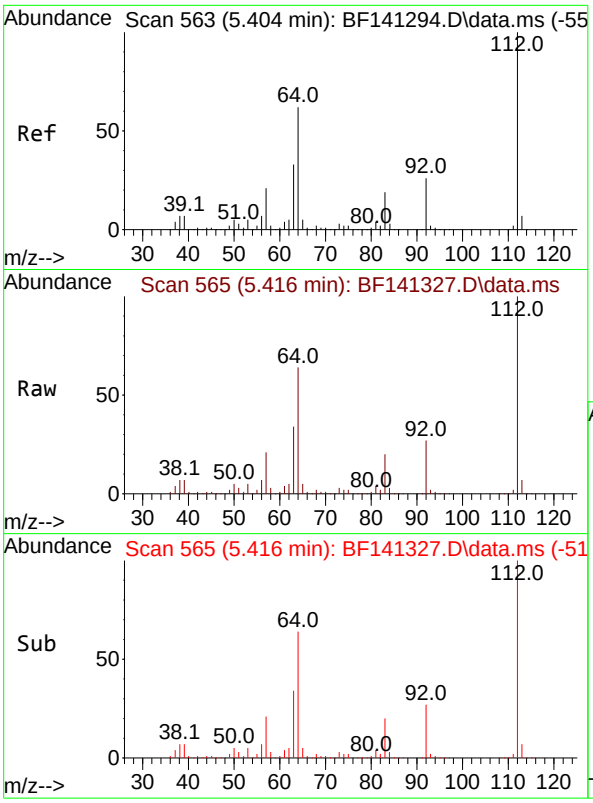


#4
n-Nitrosodimethylamine
Concen: 38.325 ng
RT: 3.263 min Scan# 199
Delta R.T. 0.065 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 42 Resp: 246038

Ion	Ratio	Lower	Upper
42	100		
74	115.0	90.3	135.5
44	7.3	5.7	8.5



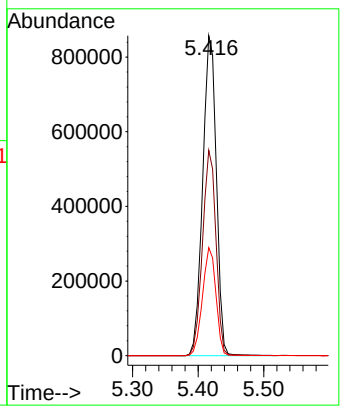


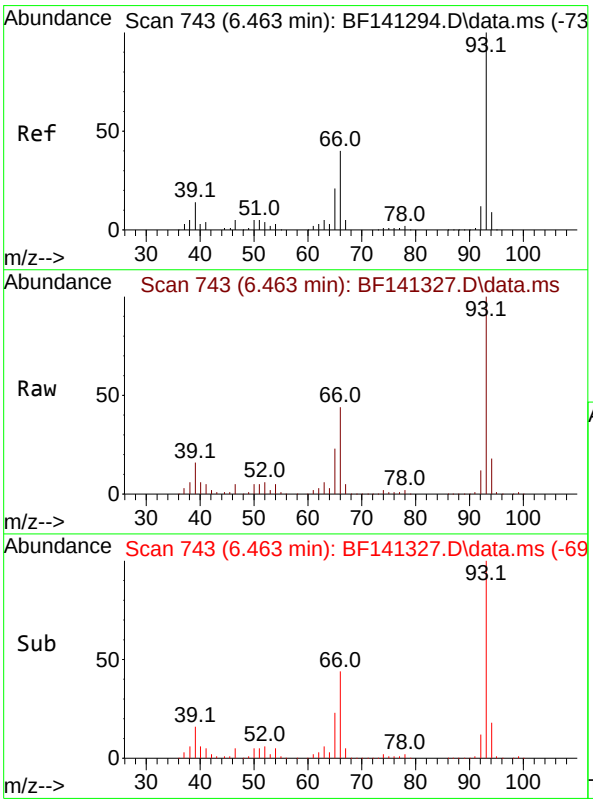
#5
2-Fluorophenol
Concen: 117.580 ng
RT: 5.416 min Scan# 5
Delta R.T. 0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:112 Resp: 1246986

Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.8	74.8
63	33.7	26.1	39.1

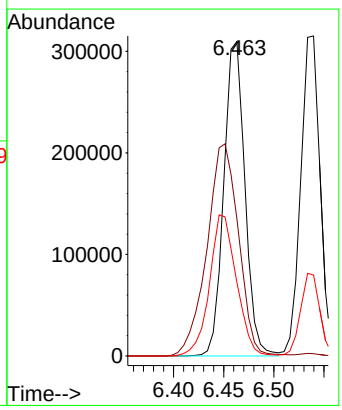


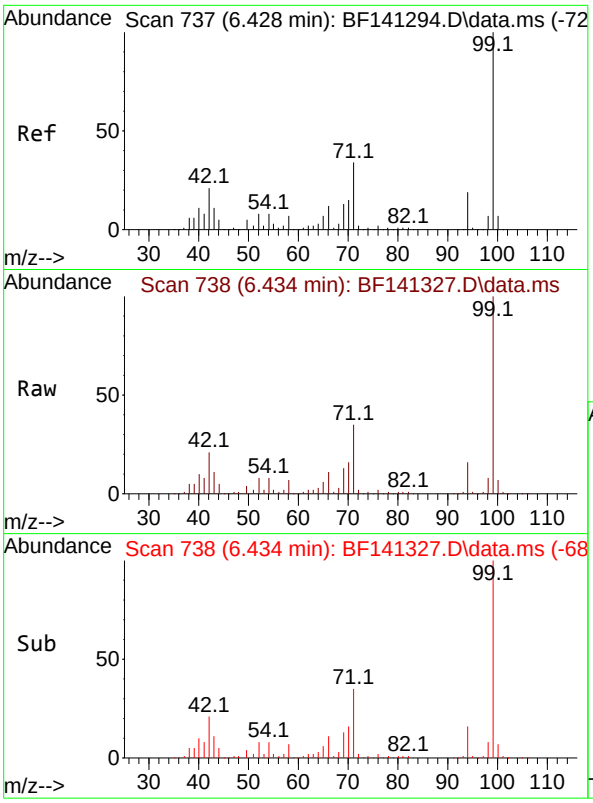


#6
Aniline
Concen: 39.818 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 454738

Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.5	48.7
65	23.4	17.0	25.6



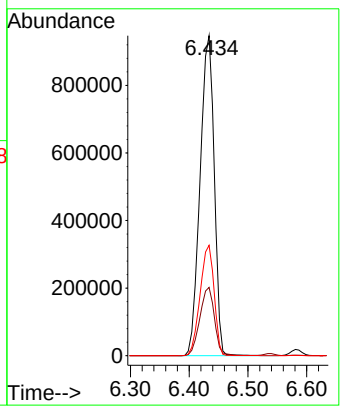


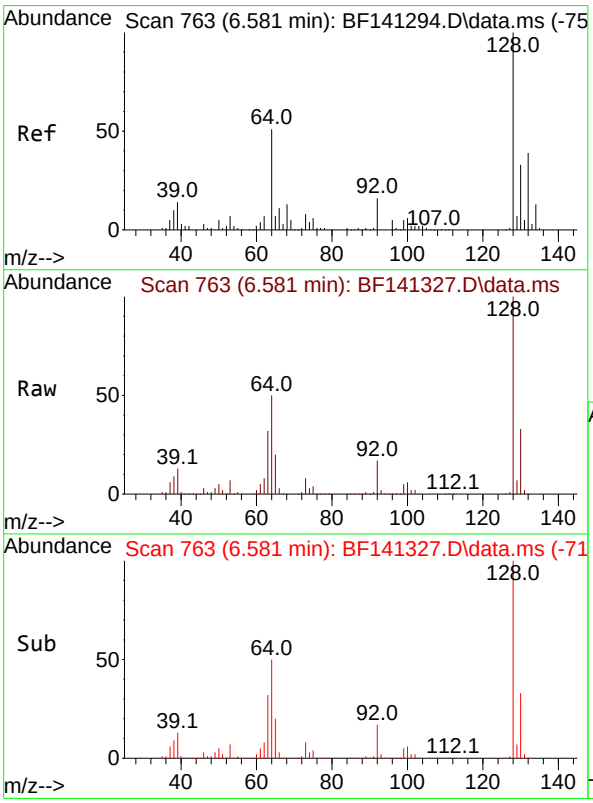
#7
Phenol-d6
Concen: 117.319 ng
RT: 6.434 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 99 Resp: 1582813

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	34.5	26.9	40.3

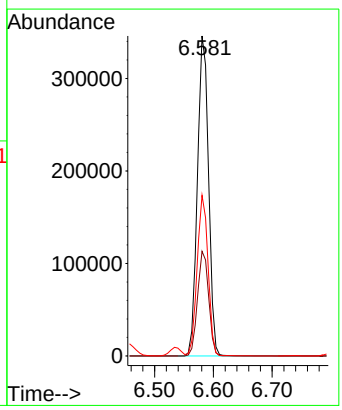


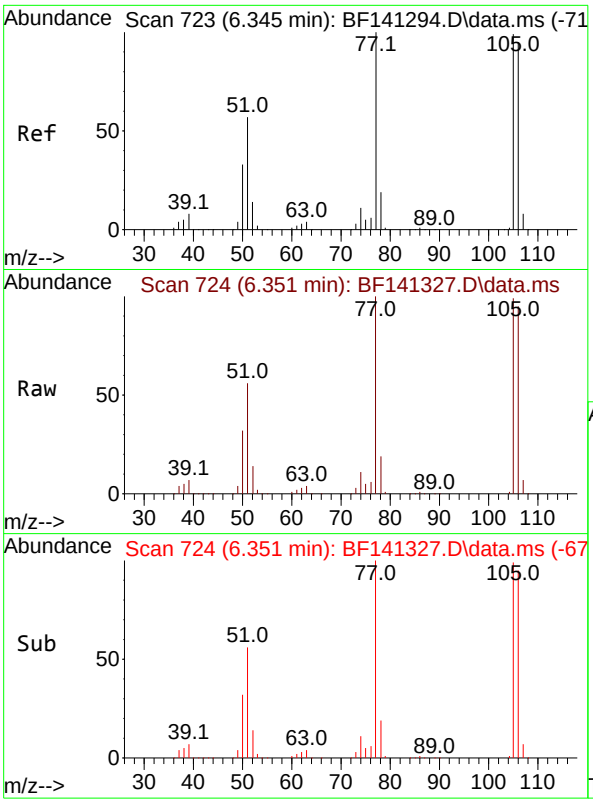


#8
2-Chlorophenol
Concen: 39.943 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:128 Resp: 454041

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	50.2	32.9	72.9



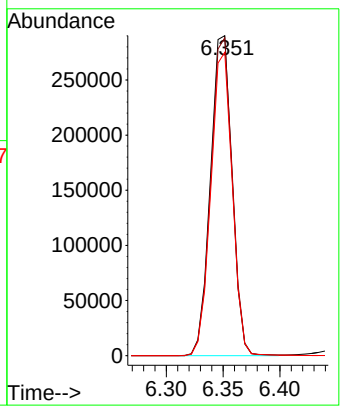


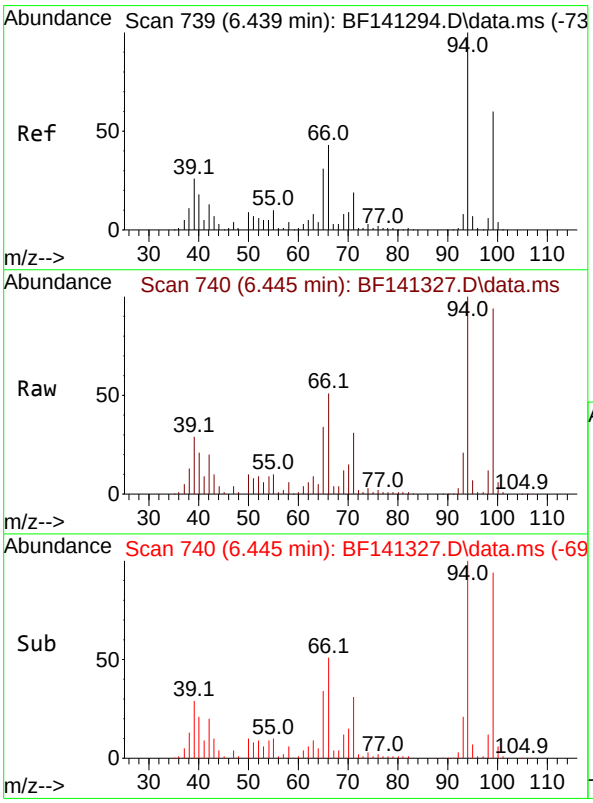
#9
Benzaldehyde
Concen: 49.194 ng
RT: 6.351 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 77 Resp: 384438

Ion	Ratio	Lower	Upper
77	100		
105	99.3	79.4	119.4
106	94.8	74.6	114.6

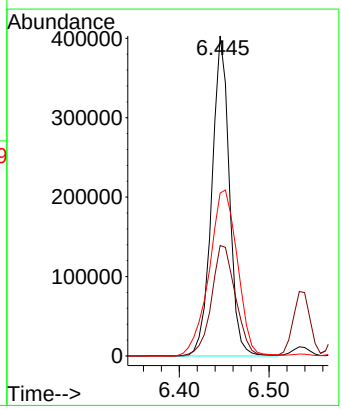


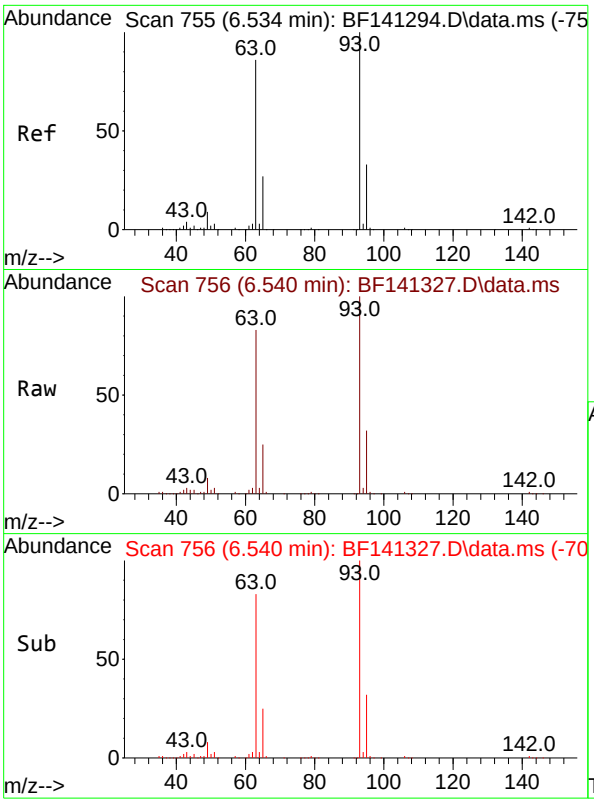


#10
Phenol
Concen: 38.244 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 94 Resp: 546950

Ion	Ratio	Lower	Upper
94	100		
65	34.5	10.8	50.8
66	50.9	23.3	63.3



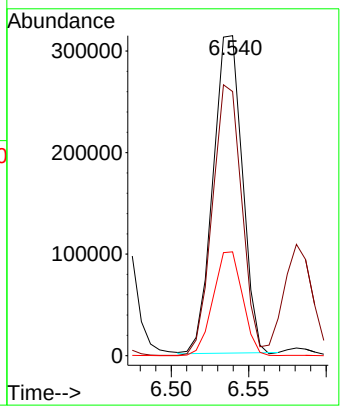


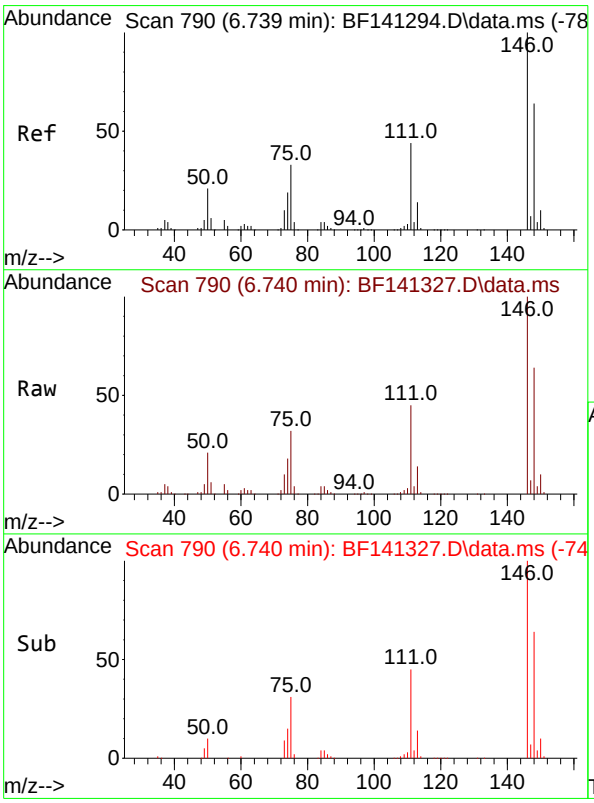
#11
bis(2-Chloroethyl)ether
Concen: 37.473 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 93 Resp: 410915

Ion	Ratio	Lower	Upper
93	100		
63	82.6	65.0	105.0
95	32.5	12.4	52.4

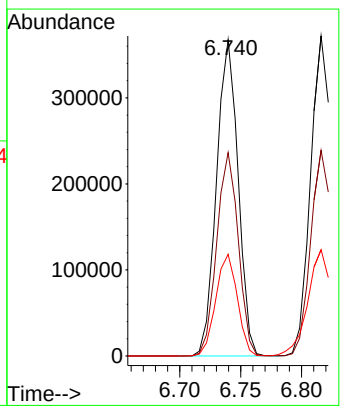


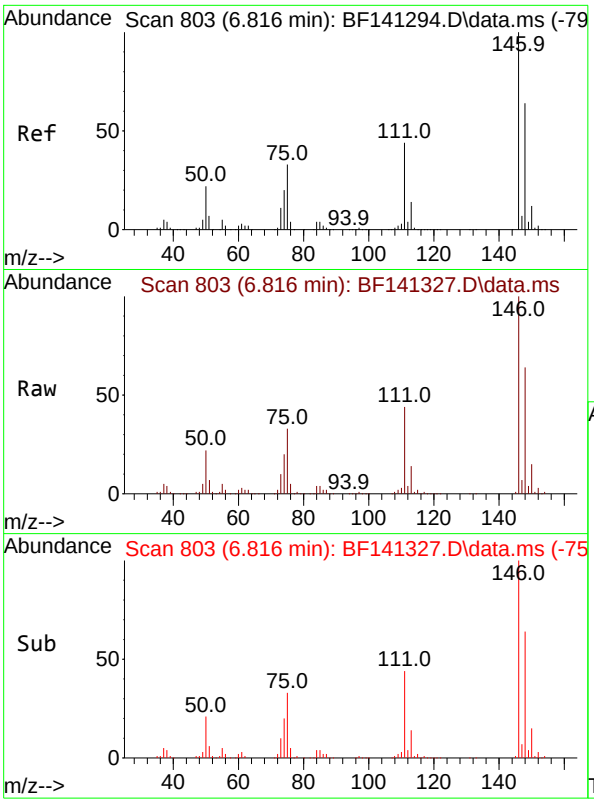


#12
1,3-Dichlorobenzene
Concen: 36.162 ng
RT: 6.740 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 453232

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	32.1	26.2	39.4



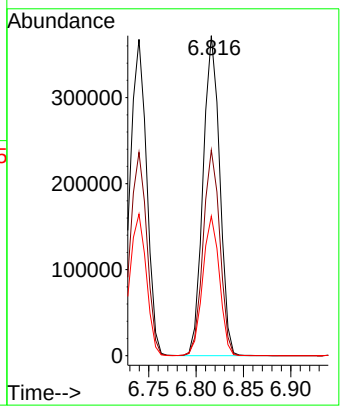


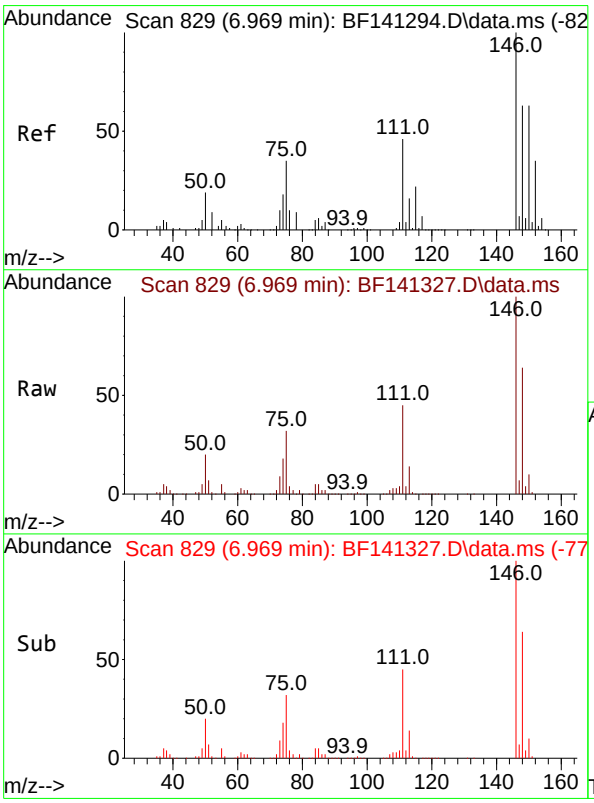
#13
1,4-Dichlorobenzene
Concen: 36.230 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:146 Resp: 456173

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
111	43.6	35.0	52.4

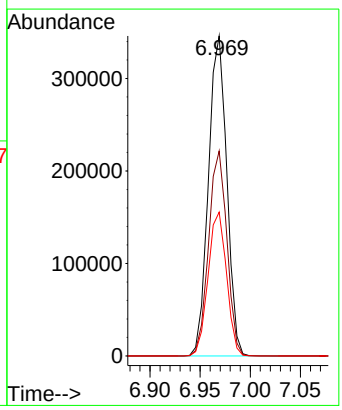


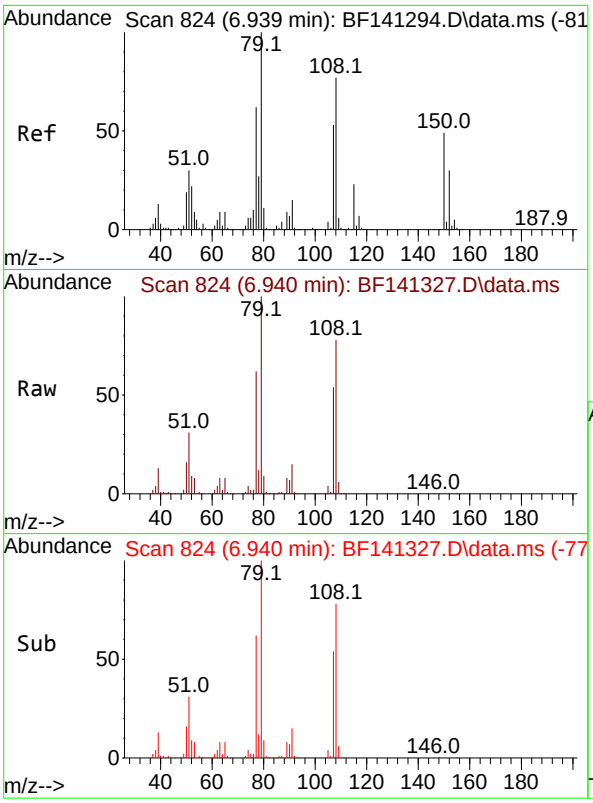


#14
1,2-Dichlorobenzene
Concen: 37.436 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:146 Resp: 441372

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	45.0	36.6	55.0



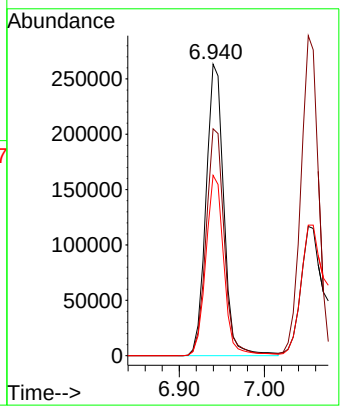


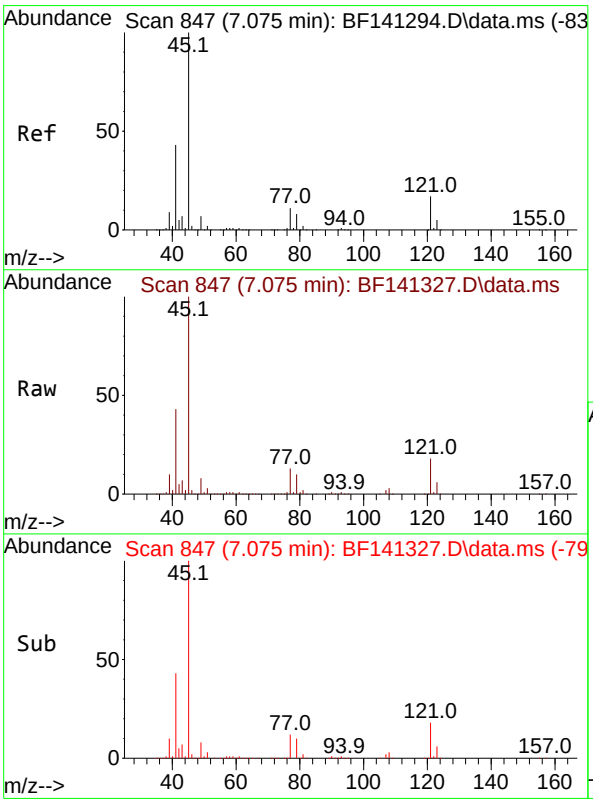
#15
Benzyl Alcohol
Concen: 41.508 ng
RT: 6.940 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 79 Resp: 382706

Ion	Ratio	Lower	Upper
79	100		
108	77.8	61.4	92.0
77	61.8	49.9	74.9

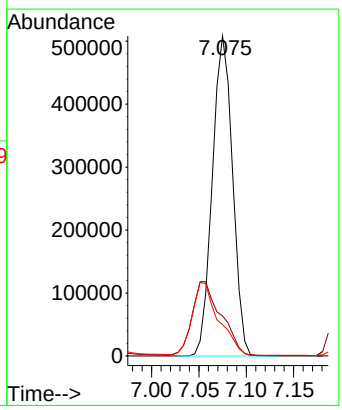


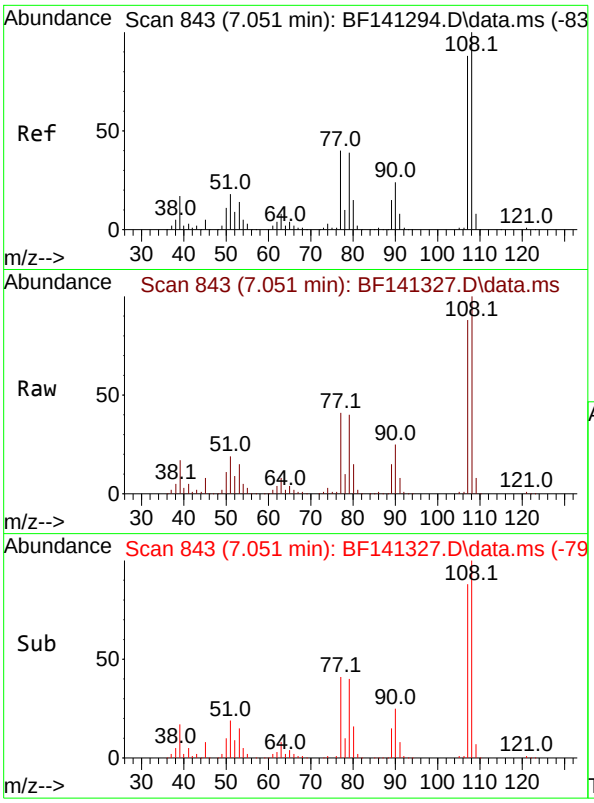


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.610 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 45 Resp: 755292

Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	31.8
79	9.7	0.0	29.1



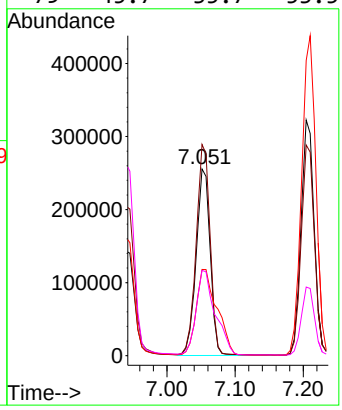


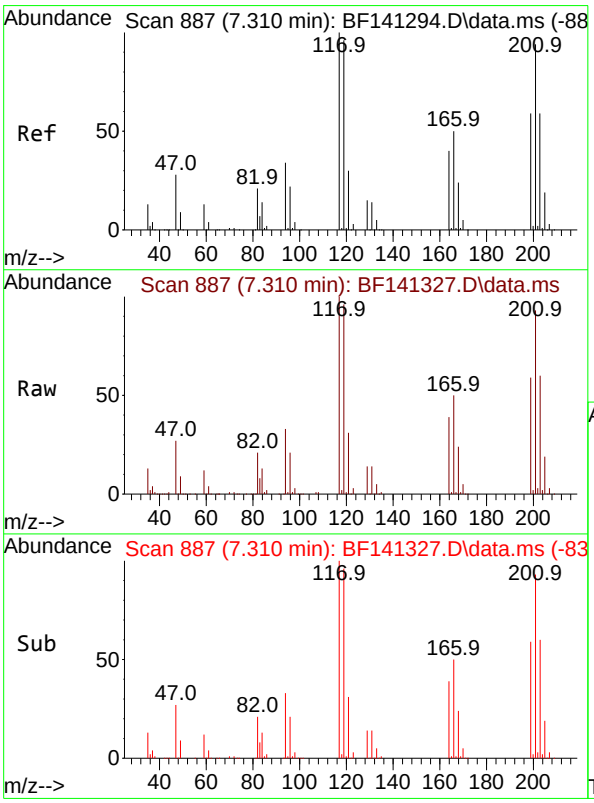
#17
2-Methylphenol
Concen: 39.714 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:107 Resp: 366895

Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.8	136.2
77	46.2	36.2	54.4
79	45.7	35.7	53.5

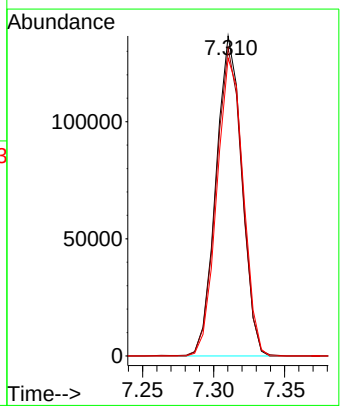


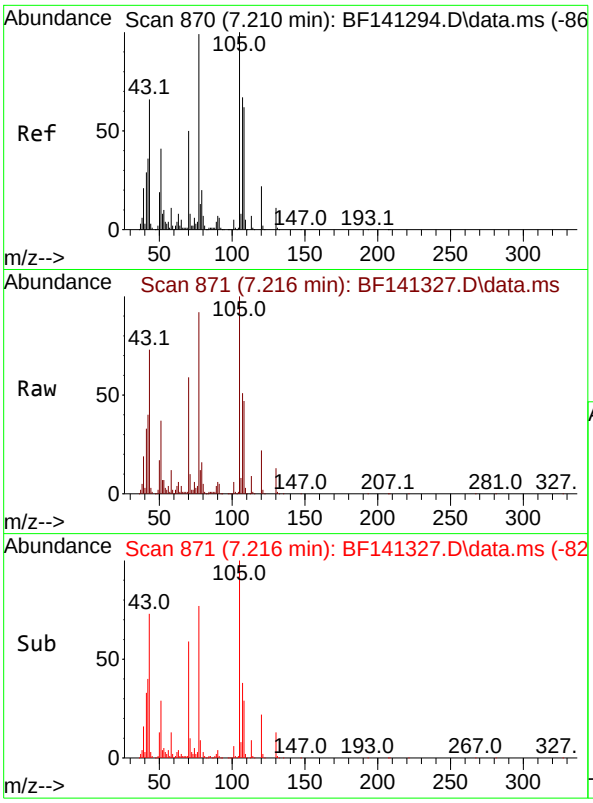


#18
Hexachloroethane
Concen: 37.209 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:117 Resp: 172836

Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.6	114.8
201	93.1	74.8	112.2



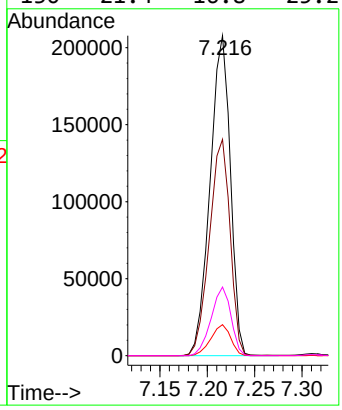


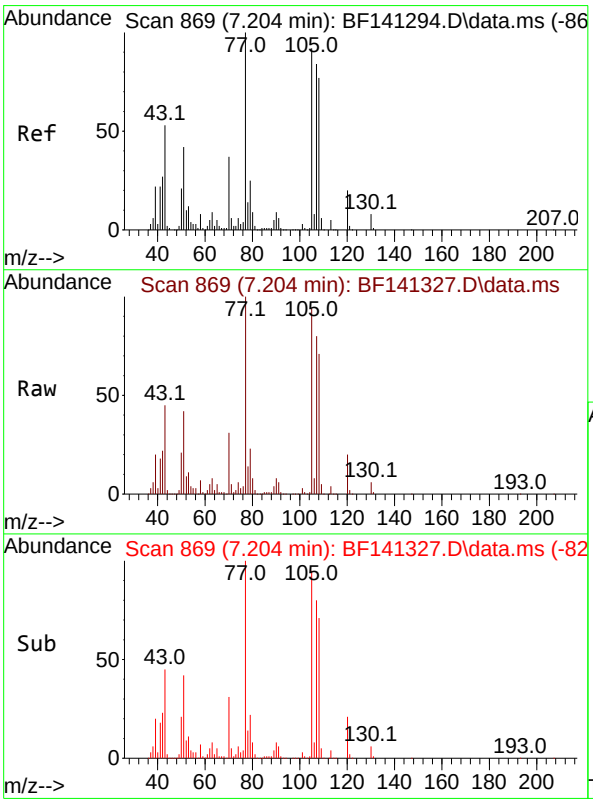
#19
n-Nitroso-di-n-propylamine
Concen: 38.550 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 70 Resp: 309046

Ion	Ratio	Lower	Upper
70	100		
42	67.6	56.8	85.2
101	9.7	7.7	11.5
130	21.4	16.8	25.2

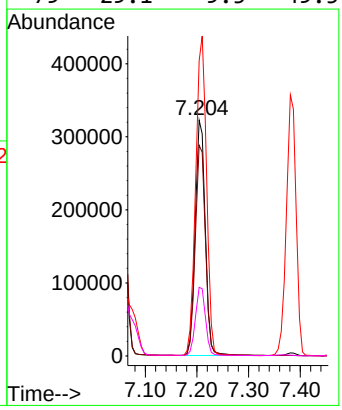


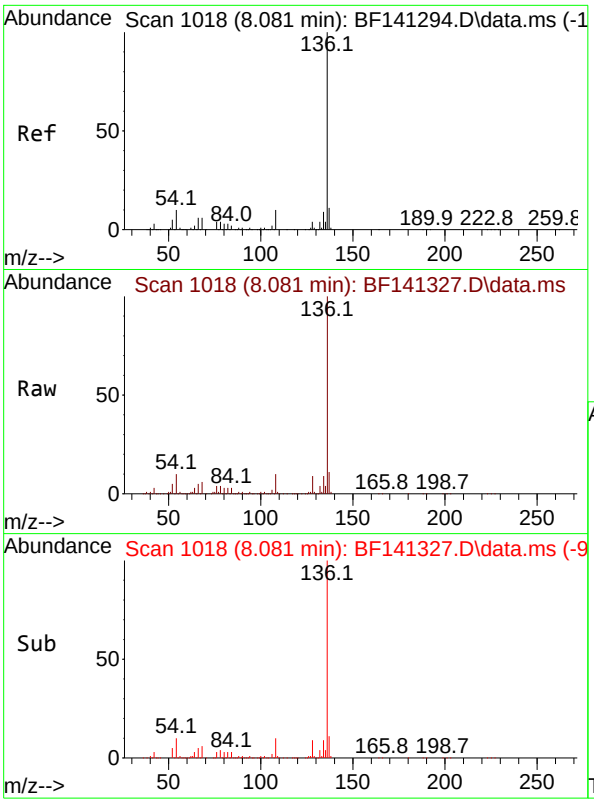


#20
3+4-Methylphenols
Concen: 38.480 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:107 Resp: 436495

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.9	110.9
77	125.3	98.5	138.5
79	29.1	9.5	49.5



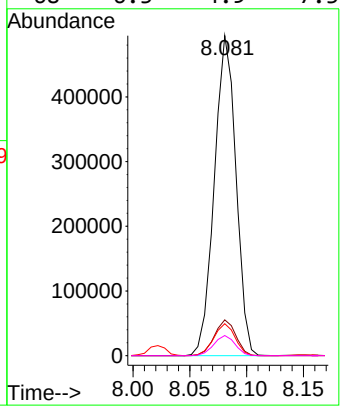


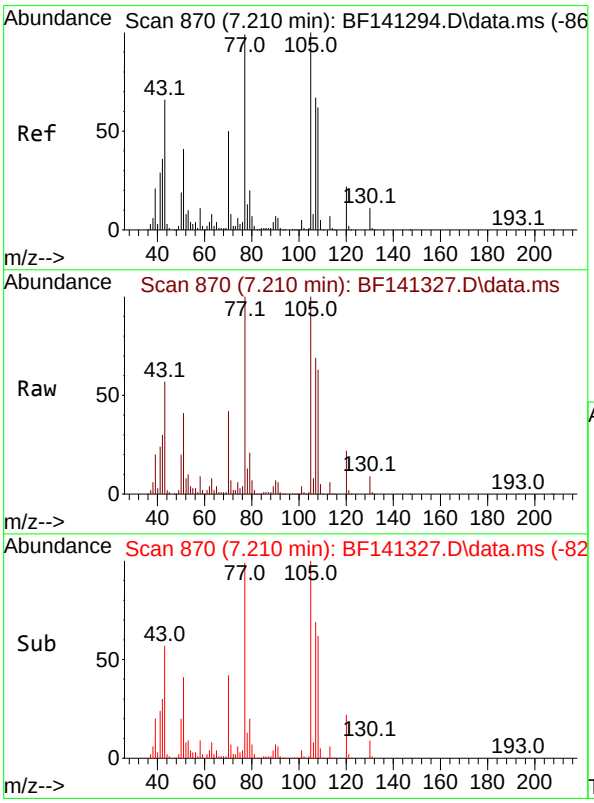
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:136 Resp: 656268

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	10.0	7.8	11.8
68	6.3	4.9	7.3

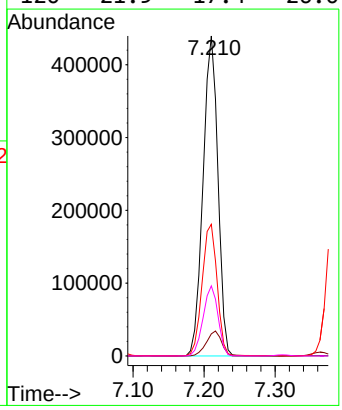


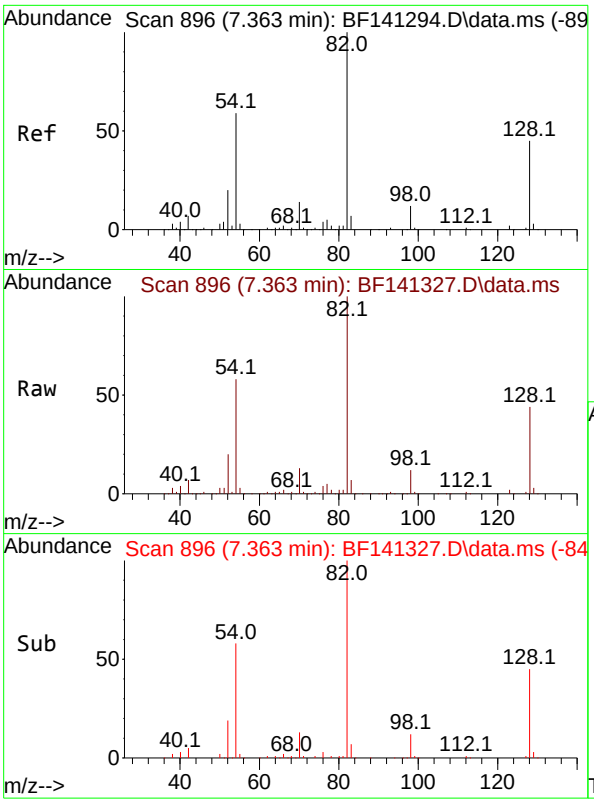


#22
Acetophenone
Concen: 41.066 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:105 Resp: 640608

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.8	10.2
51	41.1	32.6	49.0
120	21.9	17.4	26.0



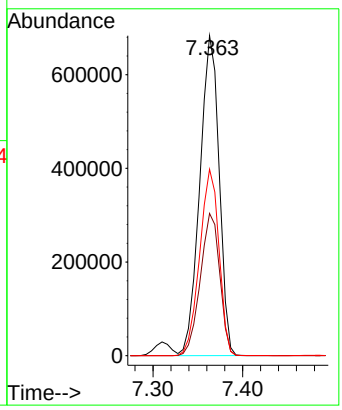


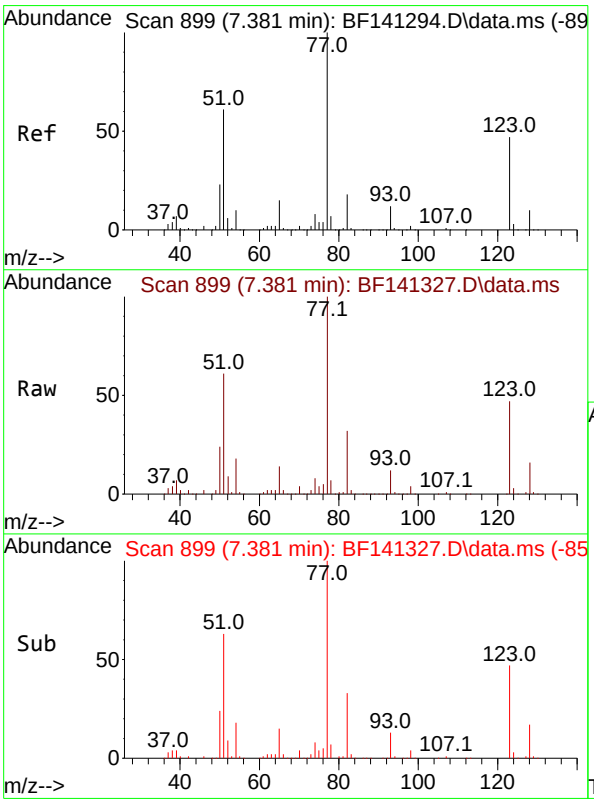
#23
Nitrobenzene-d5
Concen: 82.115 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 82 Resp: 1022248

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.7	53.5
54	58.3	47.1	70.7

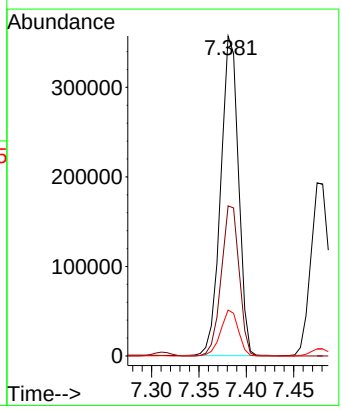


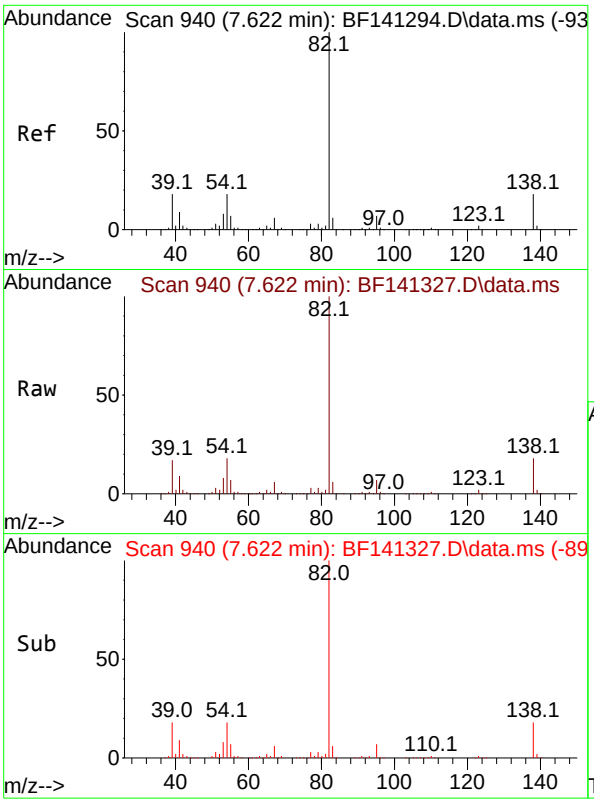


#24
Nitrobenzene
Concen: 36.164 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 77 Resp: 466546

Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.3	55.9
65	14.4	11.8	17.6



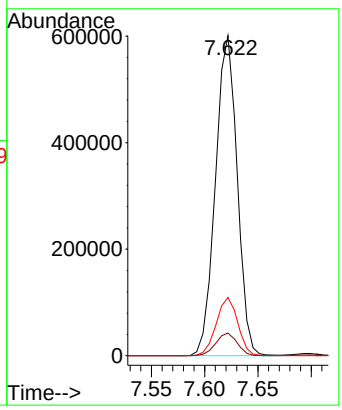


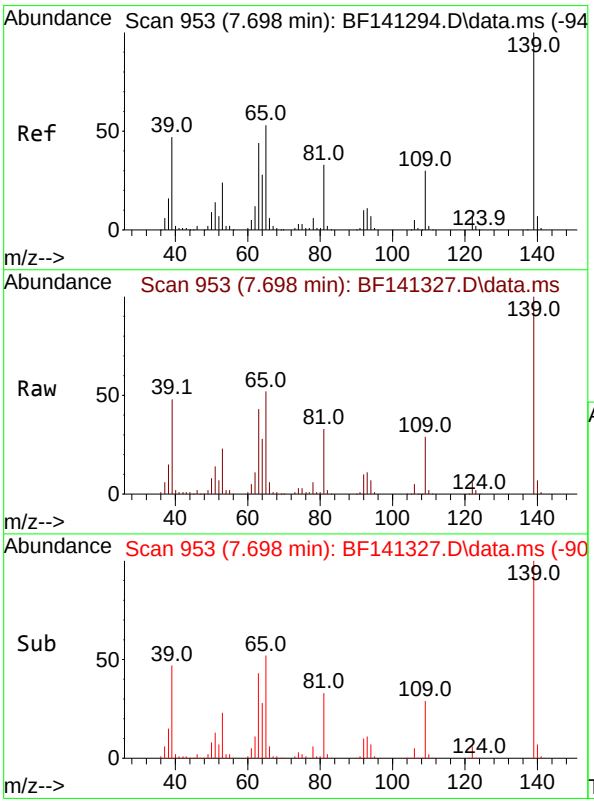
#25
Isophorone
Concen: 39.599 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 82 Resp: 852148

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	18.2	14.7	22.1

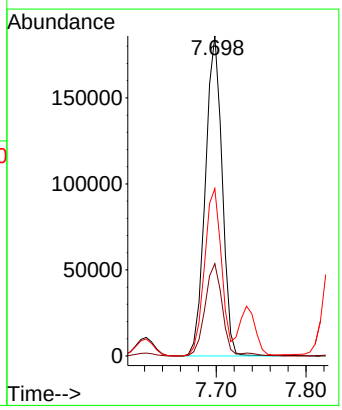


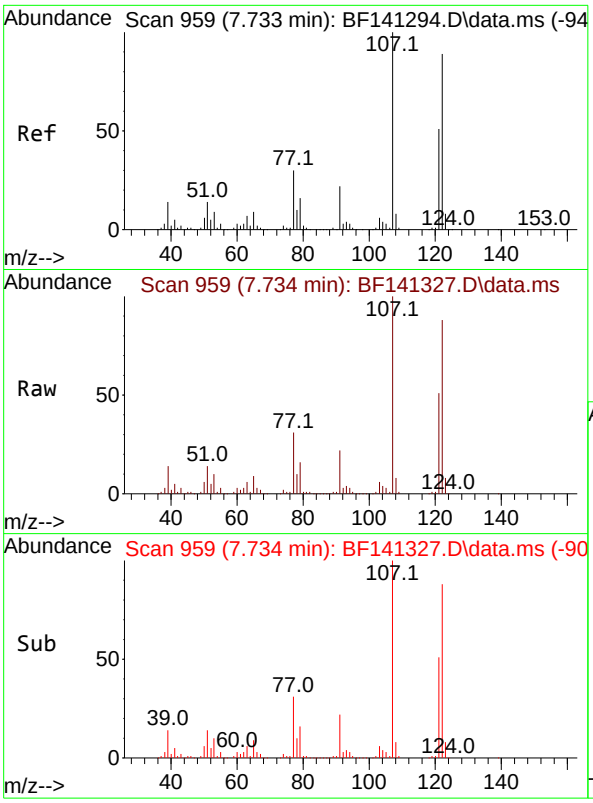


#26
2-Nitrophenol
Concen: 39.606 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 240977

Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.8	35.6
65	52.3	42.2	63.4



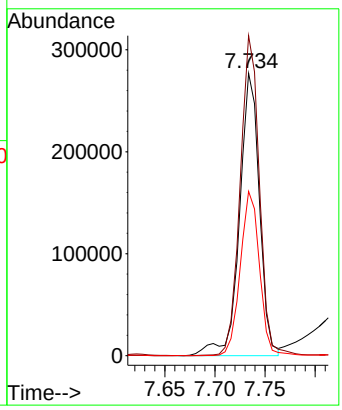


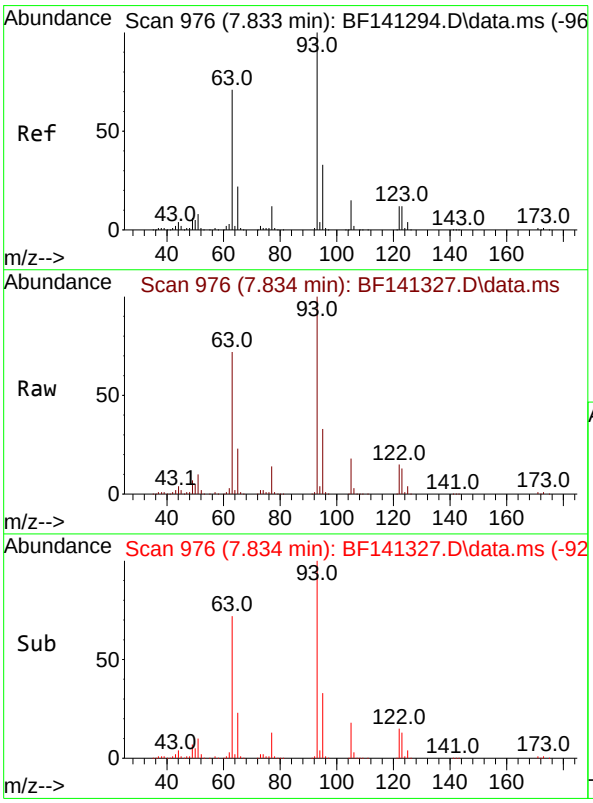
#27
2,4-Dimethylphenol
Concen: 49.446 ng
RT: 7.734 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:122 Resp: 382924

Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.9	134.9
121	58.2	46.1	69.1

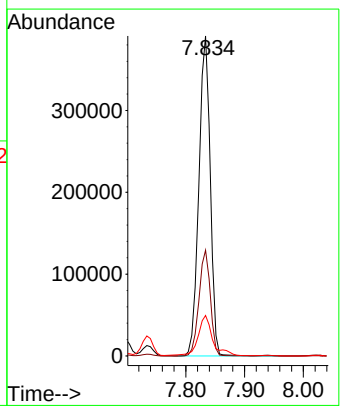


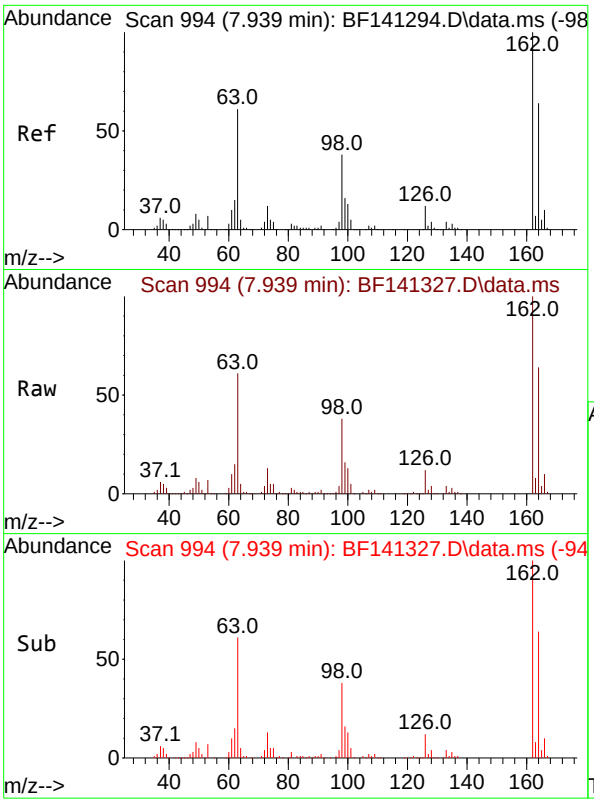


#28
bis(2-Chloroethoxy)methane
Concen: 38.285 ng
RT: 7.834 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 93 Resp: 525514

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.2
123	12.7	10.2	15.4



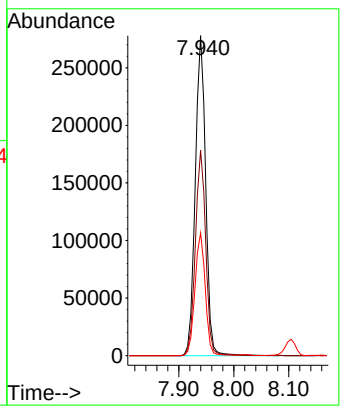


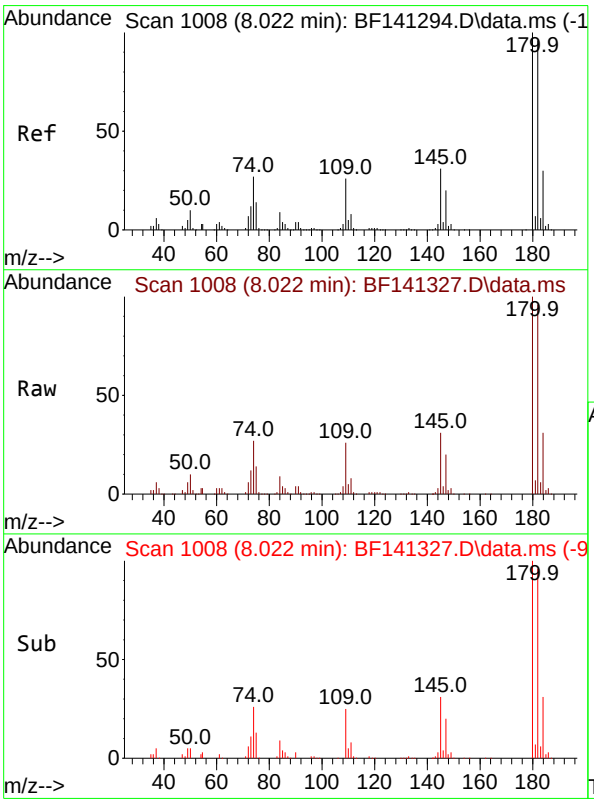
#29
2,4-Dichlorophenol
Concen: 38.606 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:162 Resp: 366016

Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.2	84.2
98	38.4	18.2	58.2

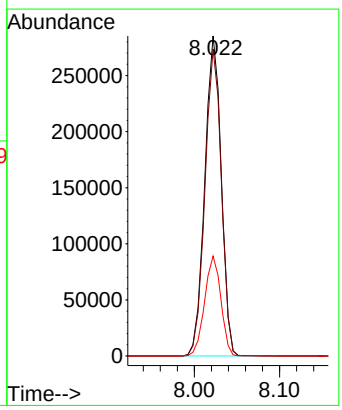


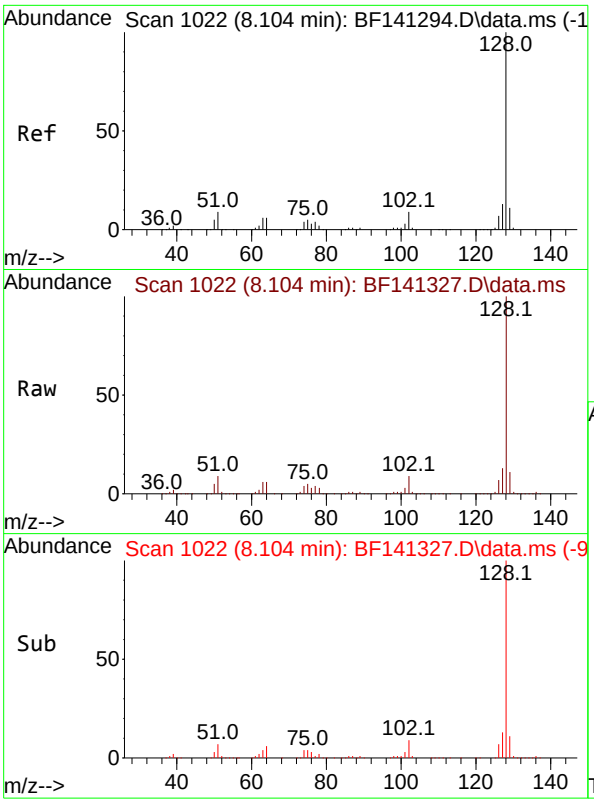


#30
1,2,4-Trichlorobenzene
Concen: 35.320 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:180 Resp: 382419

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.4	114.6
145	31.2	24.9	37.3



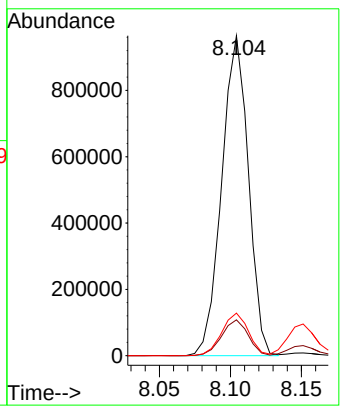


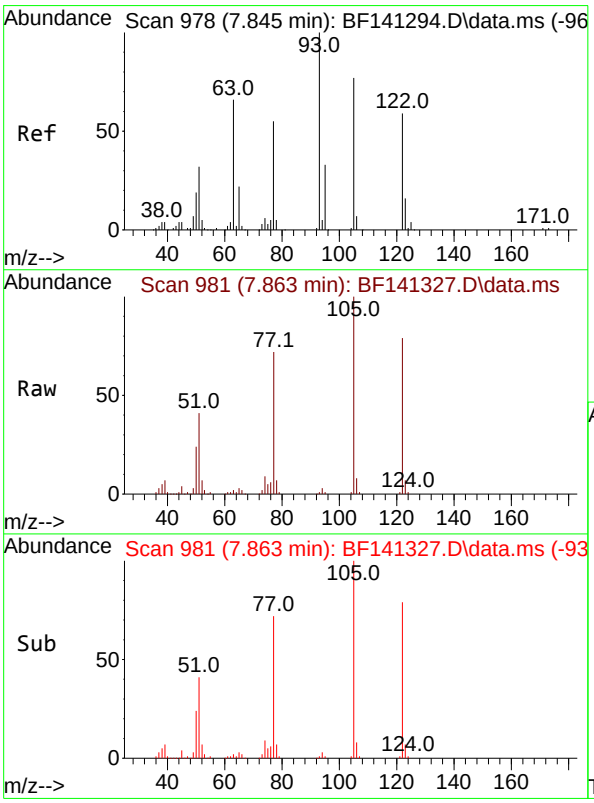
#31
Naphthalene
Concen: 36.317 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:128 Resp: 1259081

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.3	10.6	15.8

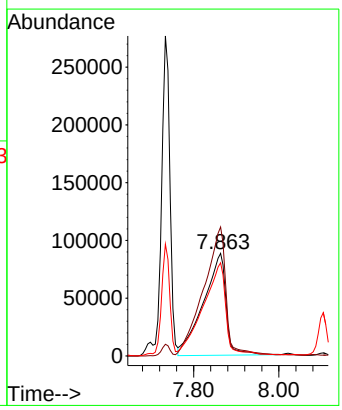


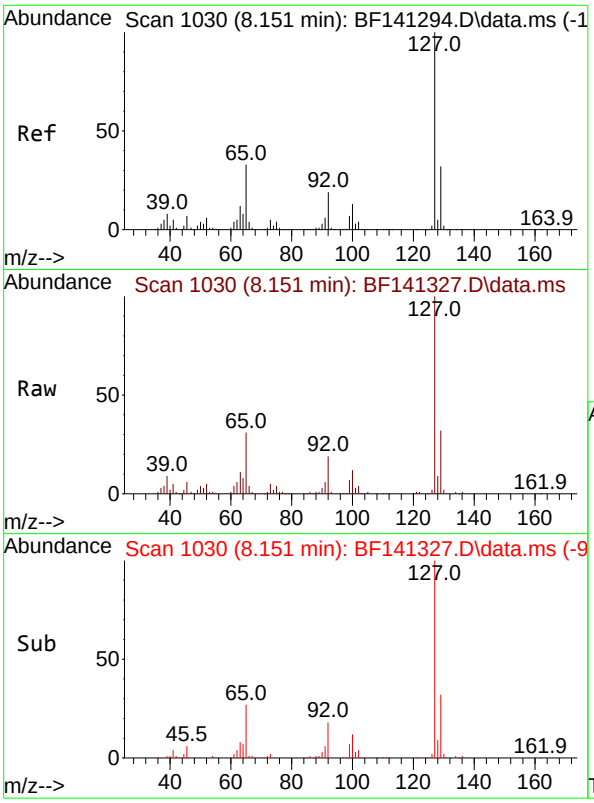


#32
Benzoic acid
Concen: 45.786 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.018 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:122 Resp: 325960

Ion	Ratio	Lower	Upper
122	100		
105	125.9	103.4	143.4
77	90.9	70.9	110.9



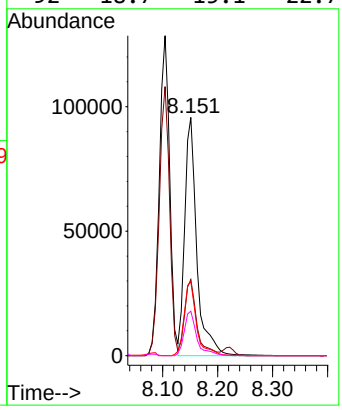


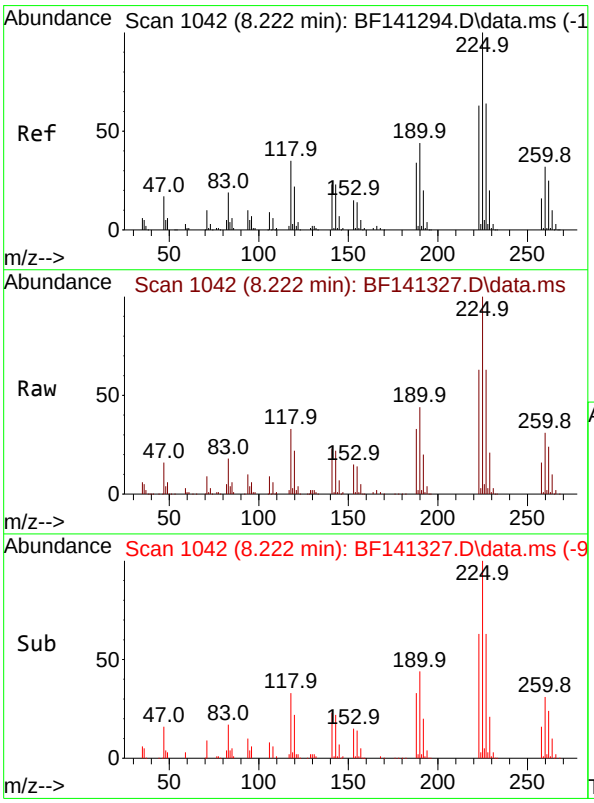
#33
4-Chloroaniline
Concen: 12.530 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:127 Resp: 147310

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	31.0	26.4	39.6
92	18.7	15.1	22.7

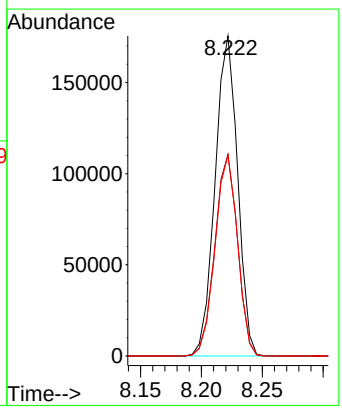


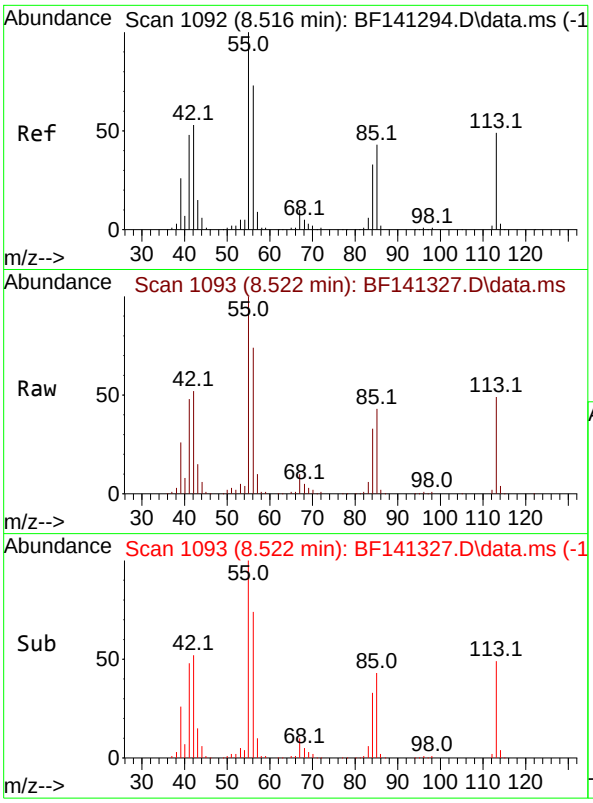


#34
Hexachlorobutadiene
Concen: 35.540 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:225 Resp: 225660

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	62.6	51.3	76.9



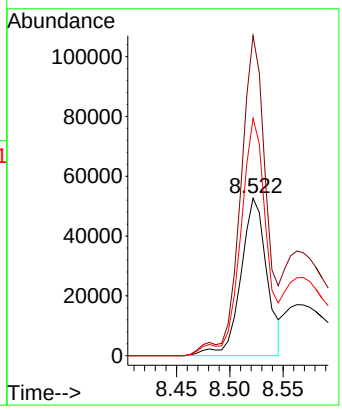


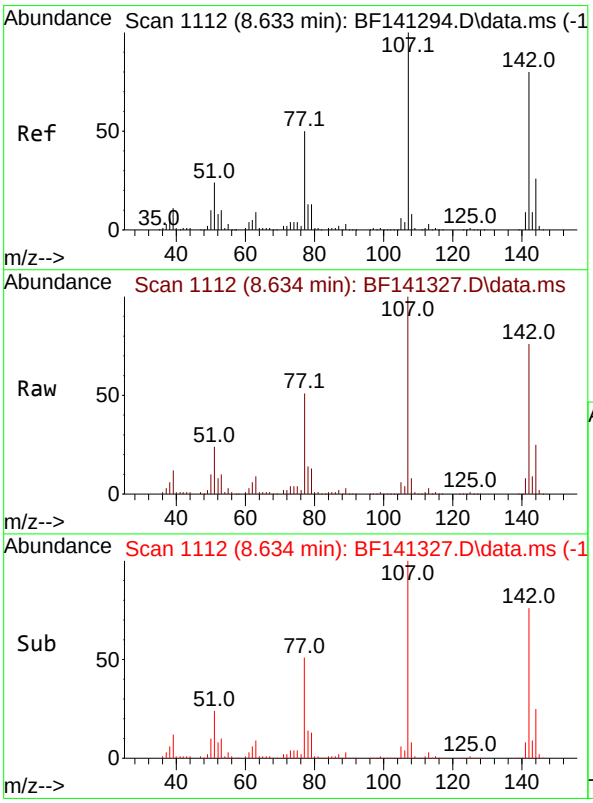
#35
Caprolactam
Concen: 28.837 ng
RT: 8.522 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:113 Resp: 89287

Ion	Ratio	Lower	Upper
113	100		
55	203.1	182.9	222.9
56	150.7	127.9	167.9

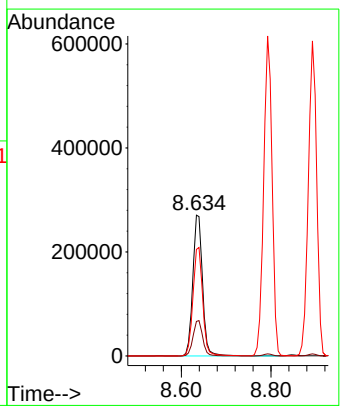


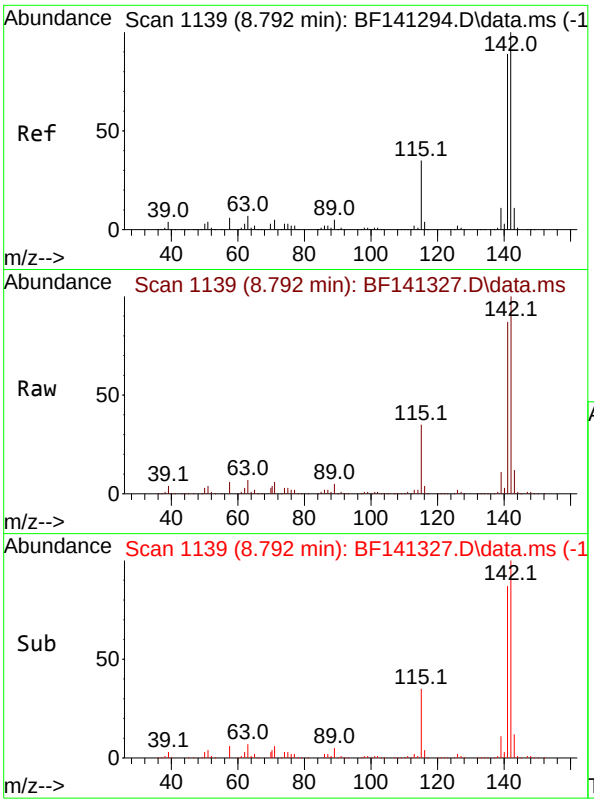


#36
4-Chloro-3-methylphenol
Concen: 40.122 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:107 Resp: 408024

Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.7	31.1
142	75.6	63.8	95.8



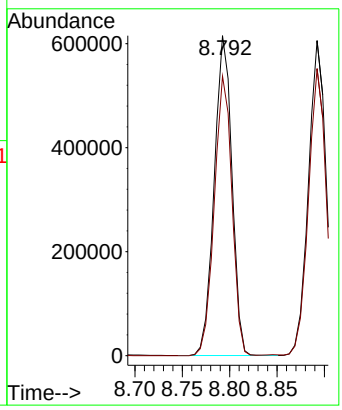


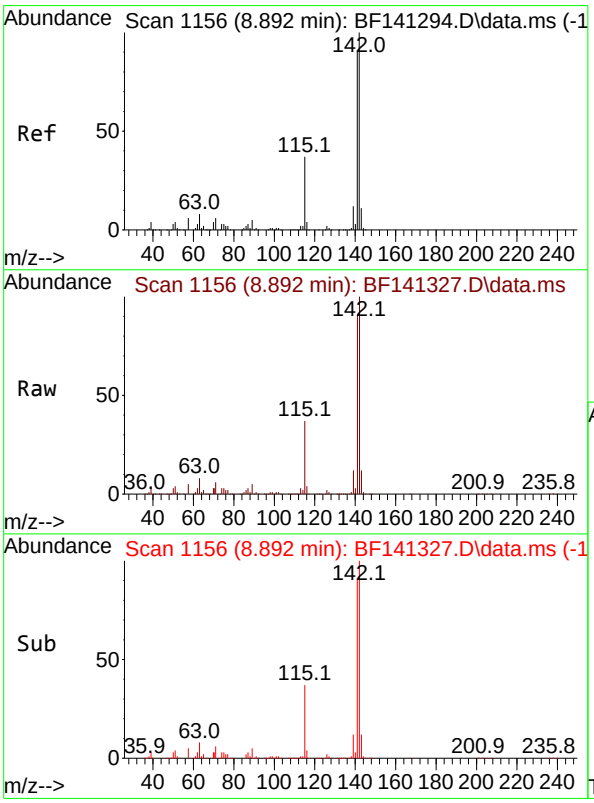
#37
2-Methylnaphthalene
Concen: 36.296 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:142 Resp: 799792

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9

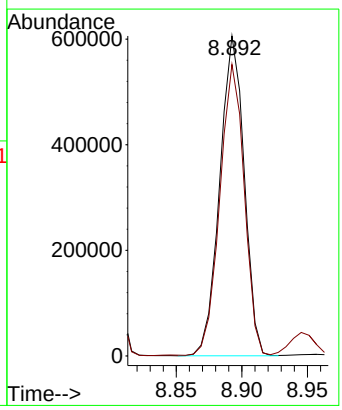


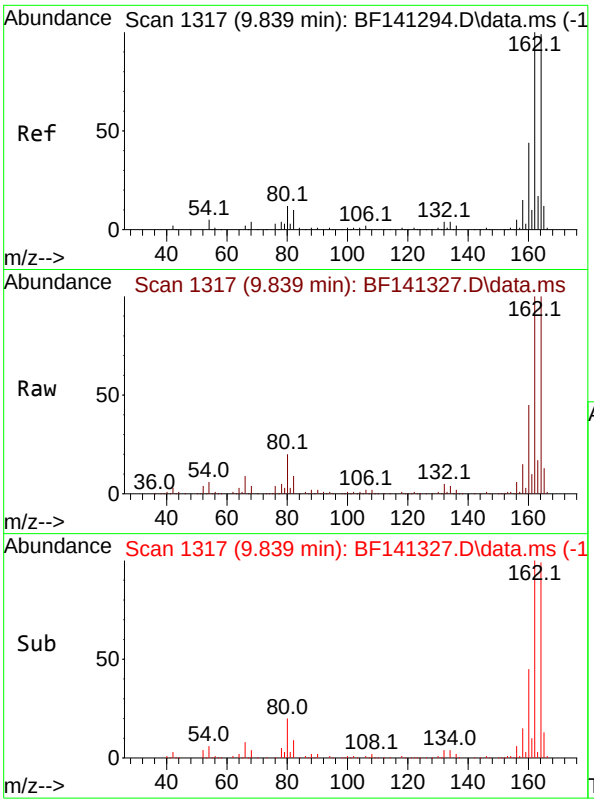


#38
1-Methylnaphthalene
Concen: 36.204 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:142 Resp: 783637

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8



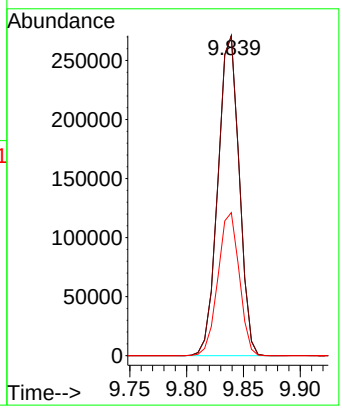


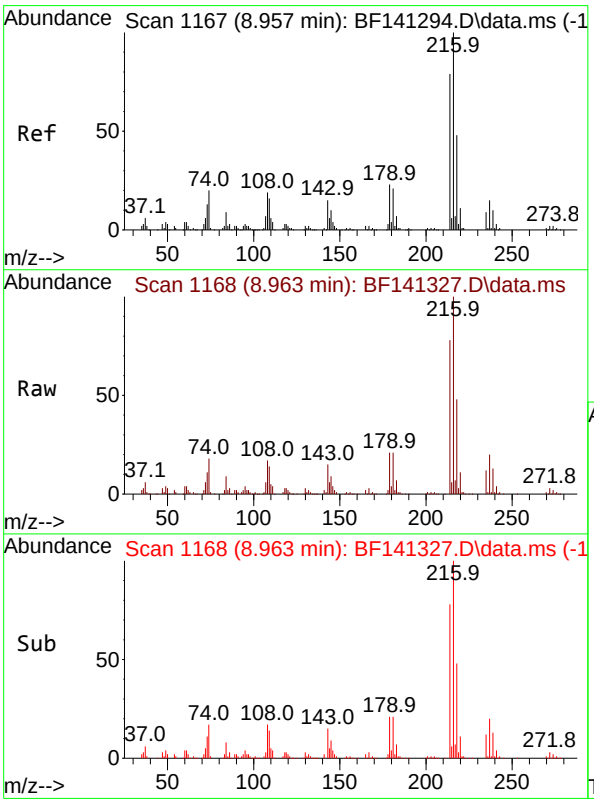
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:164 Resp: 352985

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	121.0
160	44.7	35.8	53.6

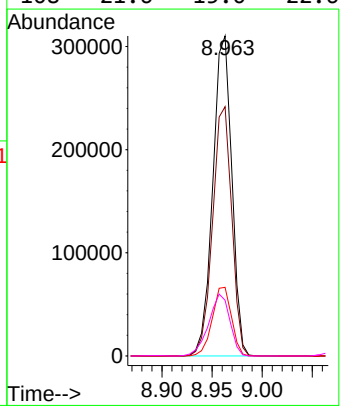


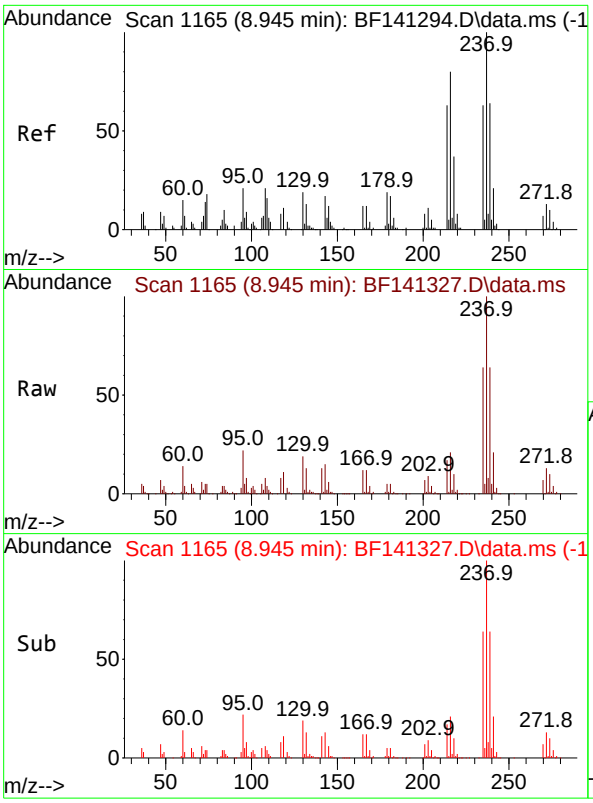


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.631 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:216 Resp: 408014

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.2	94.8
179	21.8	17.8	26.8
108	21.6	15.0	22.6



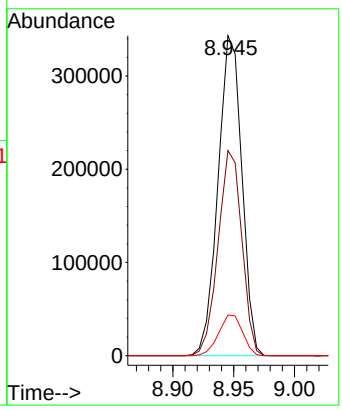


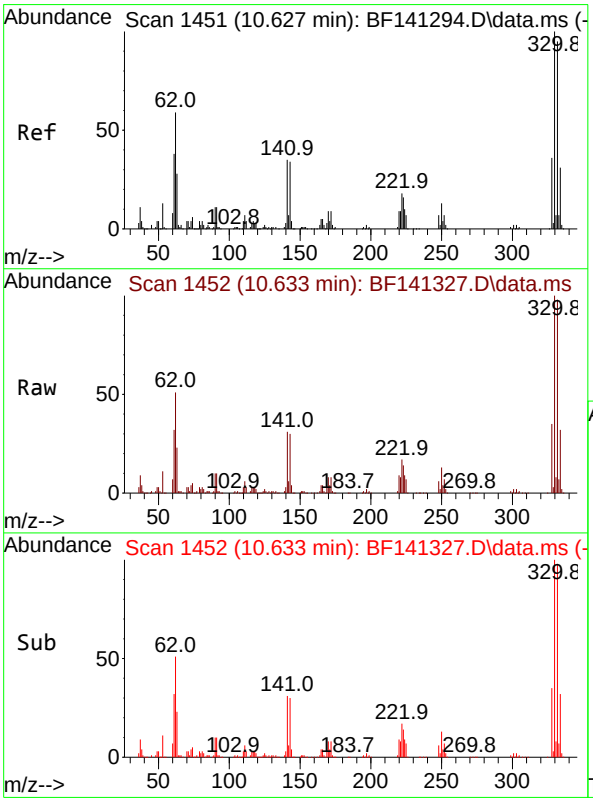
#41
Hexachlorocyclopentadiene
Concen: 157.562 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:237 Resp: 467280

Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.9	82.9
272	12.7	0.0	32.8

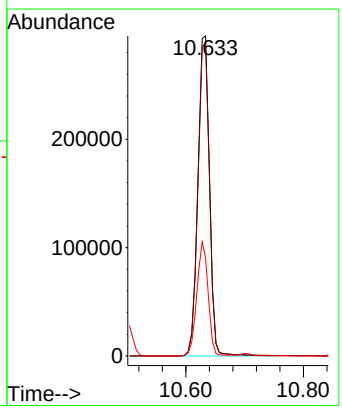


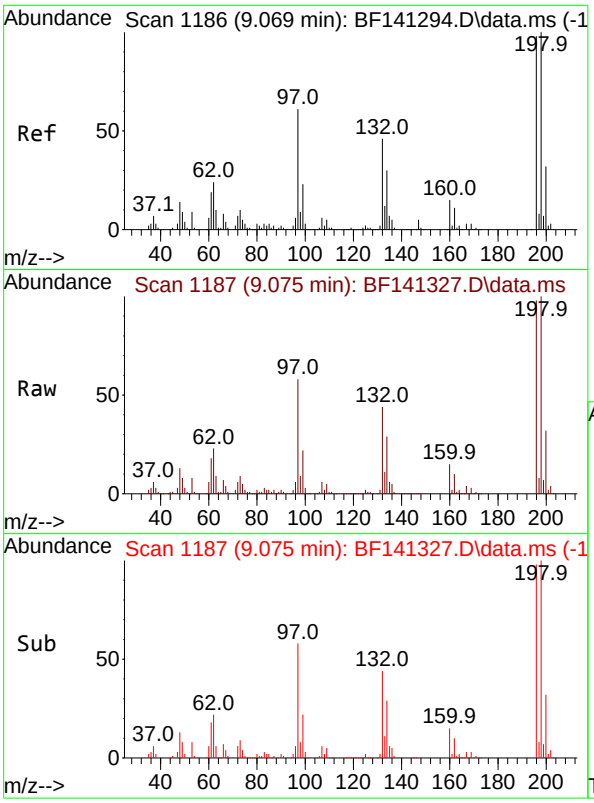


#42
2,4,6-Tribromophenol
Concen: 125.813 ng
RT: 10.633 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:330 Resp: 407137

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.1	114.1
141	34.5	28.8	43.2



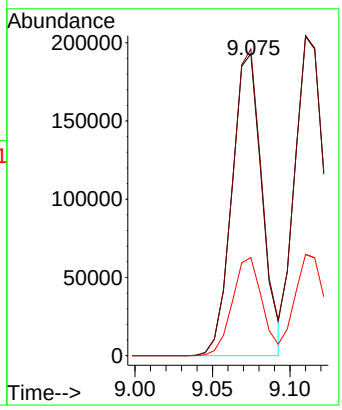


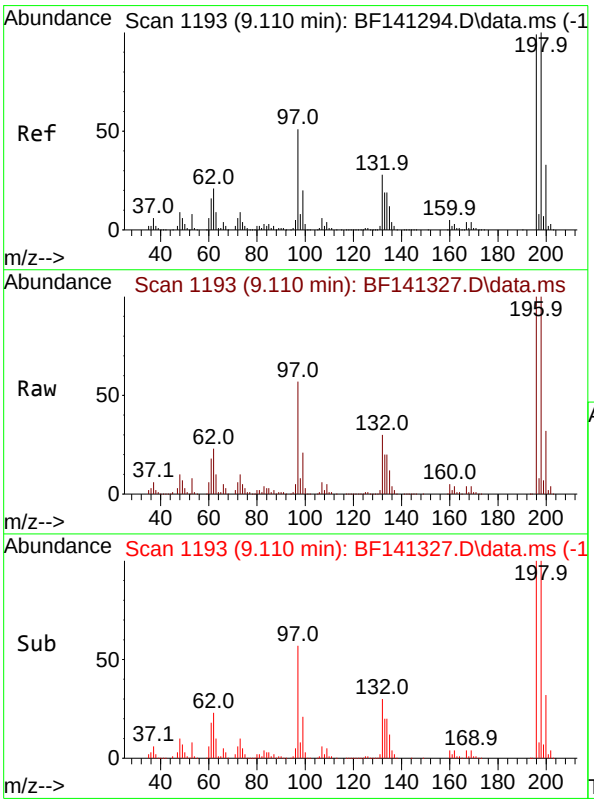
#43
2,4,6-Trichlorophenol
Concen: 39.568 ng
RT: 9.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:196 Resp: 260073

Ion	Ratio	Lower	Upper
196	100		
198	101.6	81.8	122.6
200	32.5	26.3	39.5

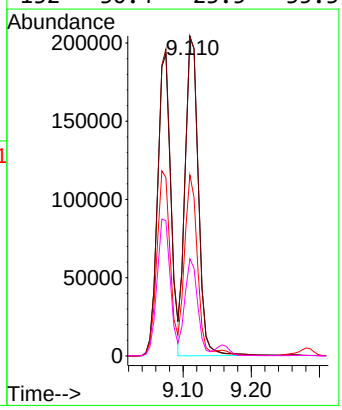


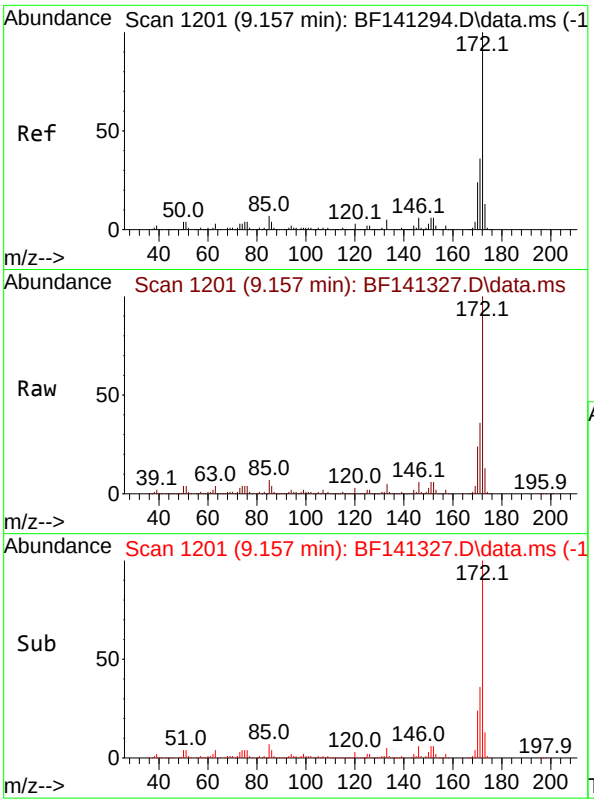


#44
2,4,5-Trichlorophenol
Concen: 38.364 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:196 Resp: 274449

Ion	Ratio	Lower	Upper
196	100		
198	99.7	80.5	120.7
97	56.6	42.8	64.2
132	30.4	23.5	35.3



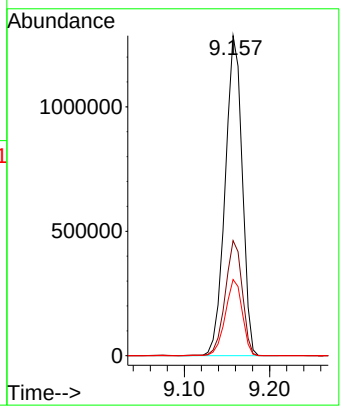


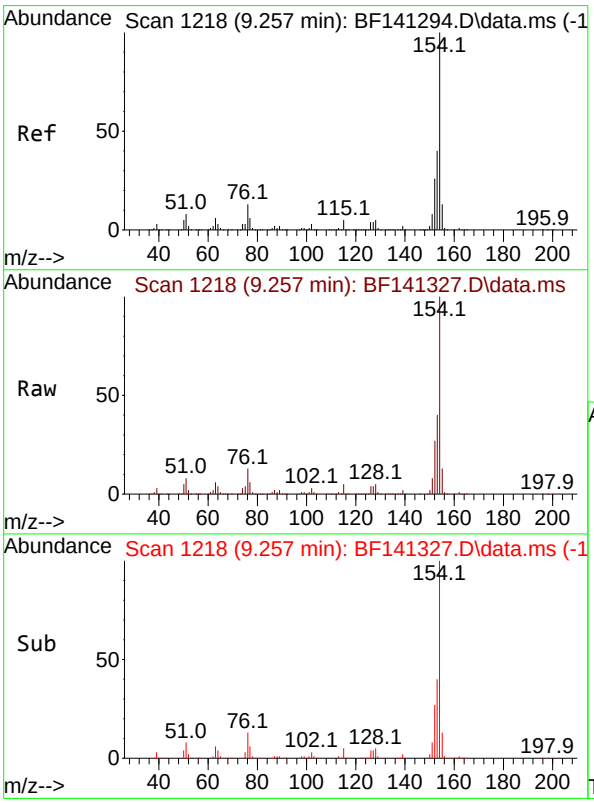
#45
2-Fluorobiphenyl
Concen: 77.813 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:172 Resp: 1784508

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.8	43.2
170	23.8	19.0	28.6

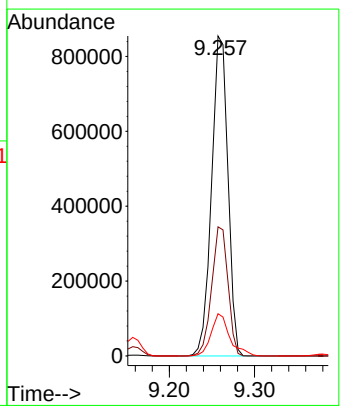


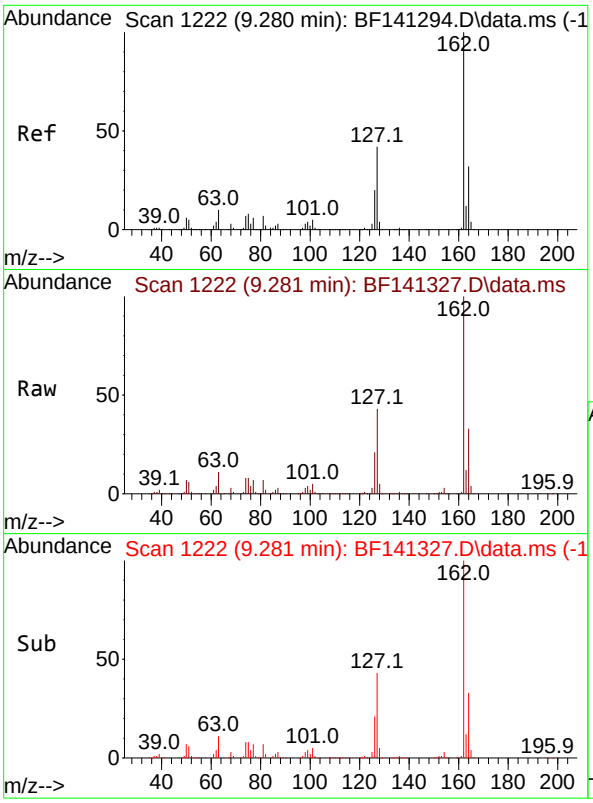


#46
1,1'-Biphenyl
Concen: 41.346 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:154 Resp: 1138200

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.0	60.0
76	13.2	0.0	32.8



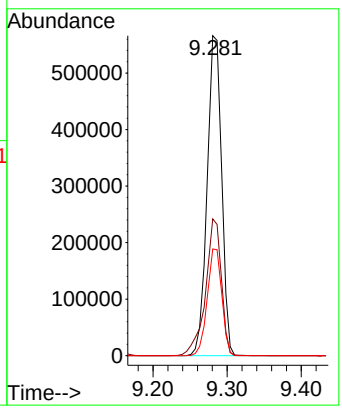


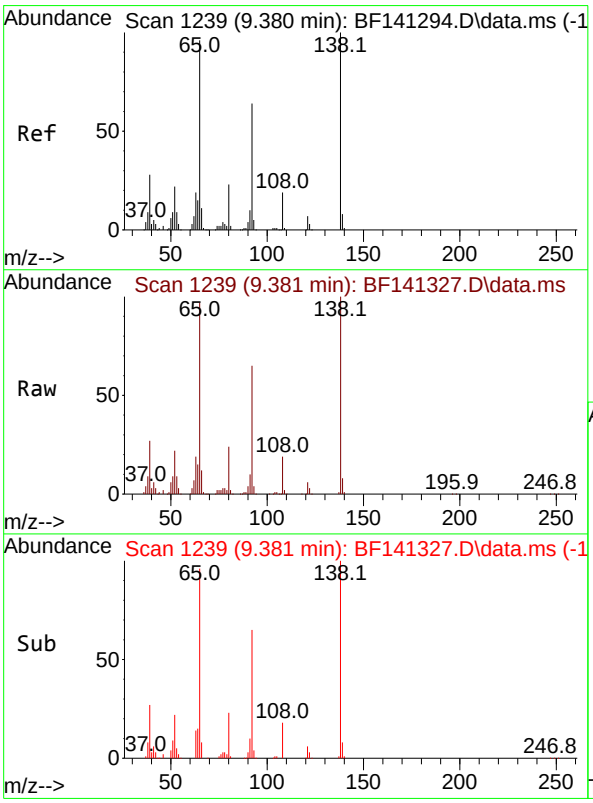
#47
2-Chloronaphthalene
Concen: 35.862 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:162 Resp: 769486

Ion	Ratio	Lower	Upper
162	100		
127	42.7	33.7	50.5
164	33.4	25.9	38.9

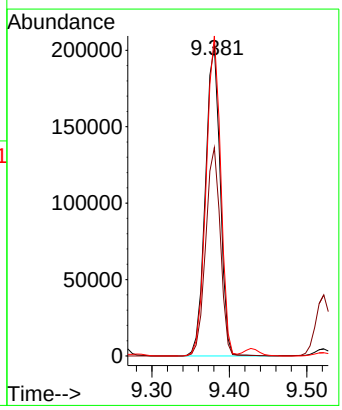


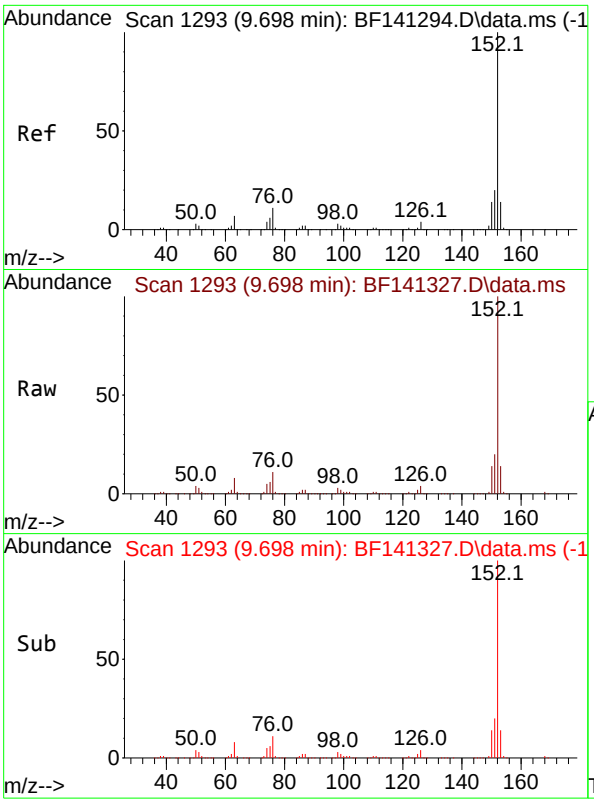


#48
2-Nitroaniline
Concen: 39.846 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion: 65 Resp: 268925

Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.3	79.9
138	103.3	83.6	125.4



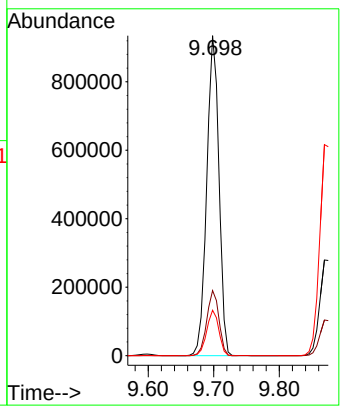


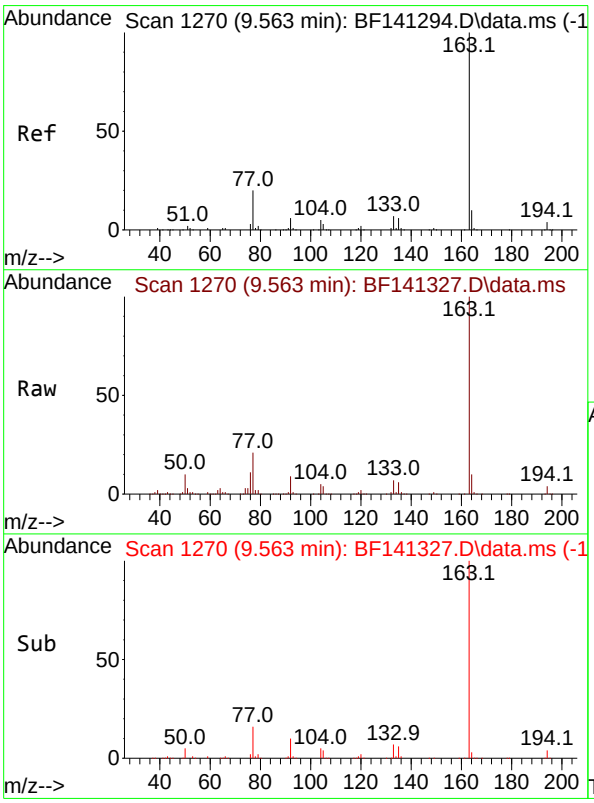
#49
Acenaphthylene
Concen: 40.342 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:152 Resp: 1211717

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.2	11.0	16.6

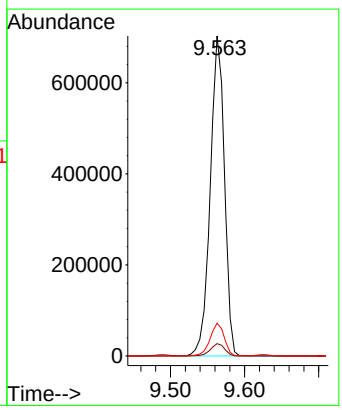


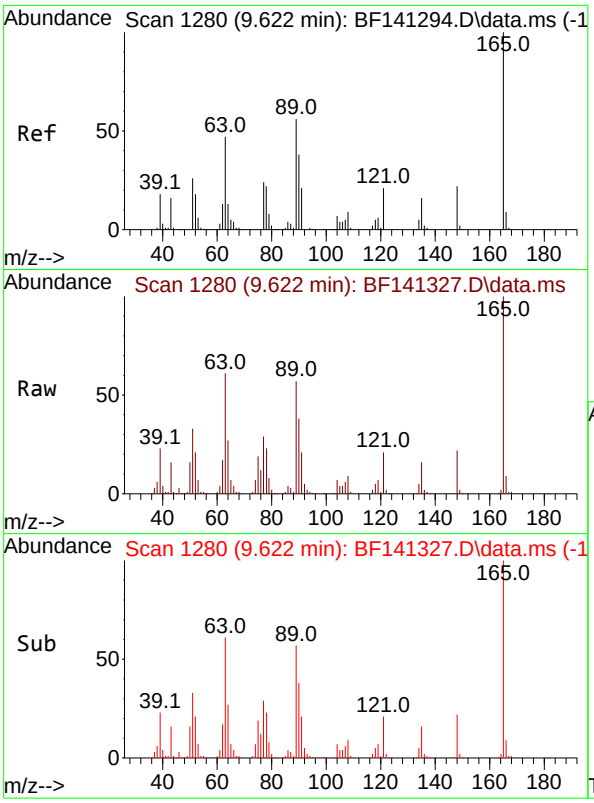


#50
Dimethylphthalate
Concen: 39.221 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:163 Resp: 935055

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



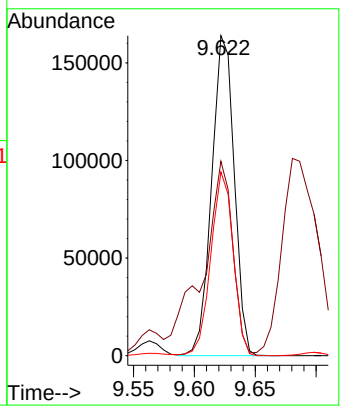


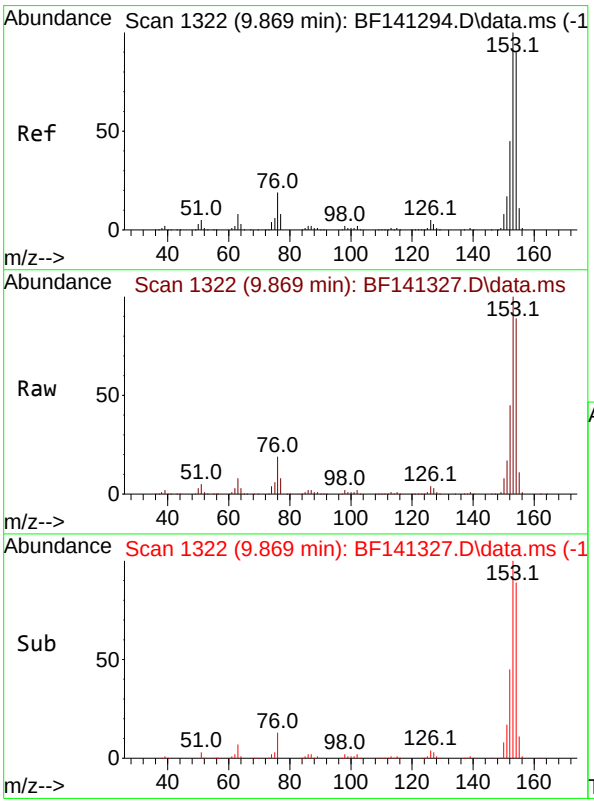
#51
2,6-Dinitrotoluene
Concen: 38.230 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:165 Resp: 211622

Ion	Ratio	Lower	Upper
165	100		
63	60.7	48.1	72.1
89	57.4	44.9	67.3

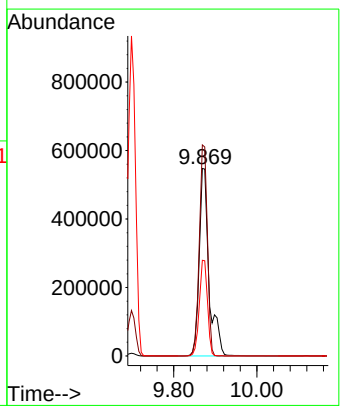


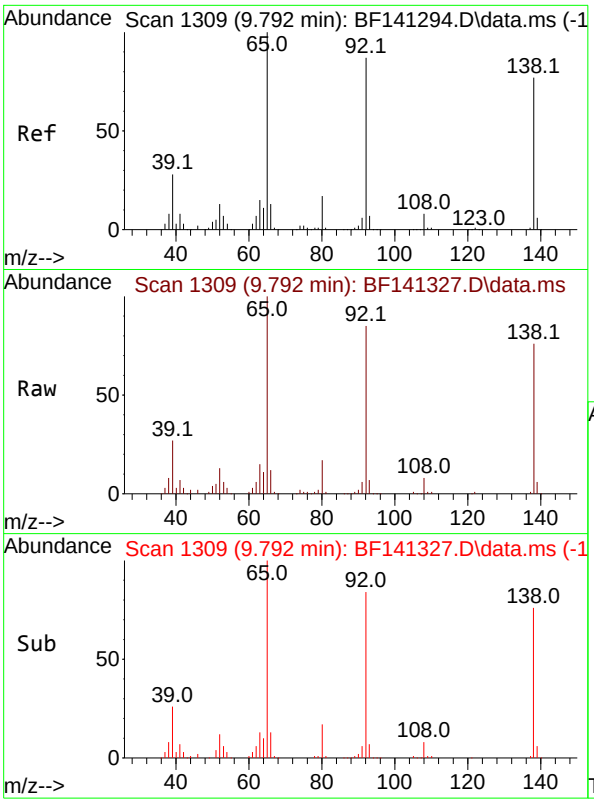


#52
Acenaphthene
Concen: 42.218 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:154 Resp: 905912

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.0	133.4
152	51.1	40.2	60.4



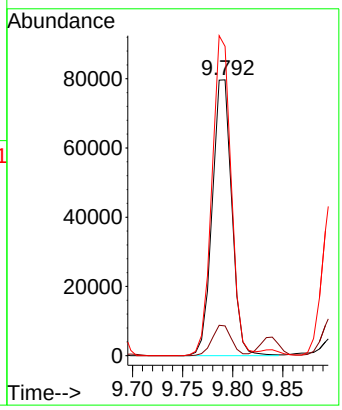


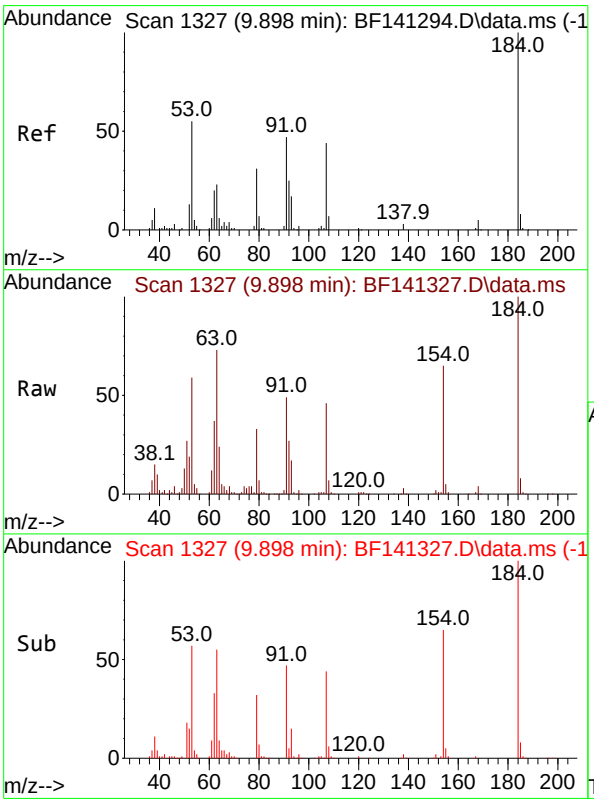
#53
3-Nitroaniline
Concen: 19.896 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:138 Resp: 107941

Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.6	12.8
92	112.1	91.0	136.6

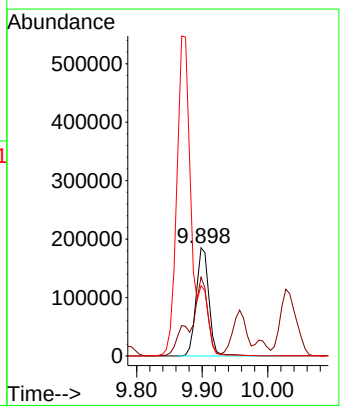


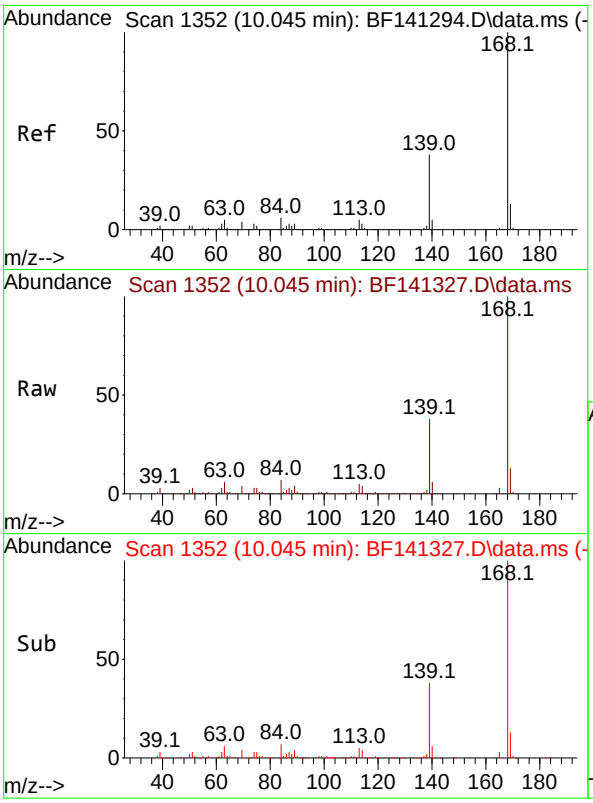


#54
2,4-Dinitrophenol
Concen: 98.257 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:184 Resp: 252834

Ion	Ratio	Lower	Upper
184	100		
63	72.7	54.1	81.1
154	64.8	50.7	76.1



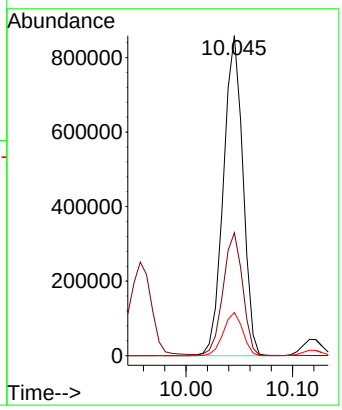


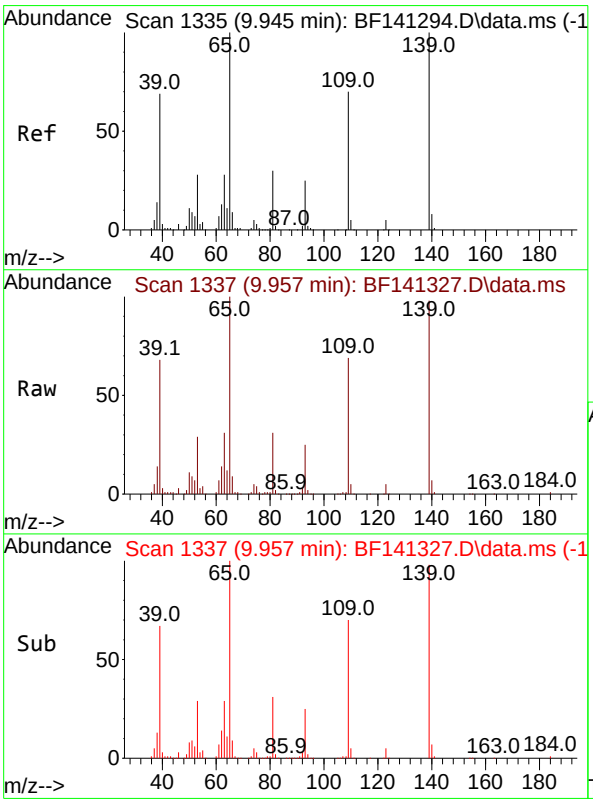
#55
Dibenzofuran
Concen: 37.933 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:168 Resp: 1089517

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	46.0
169	13.5	10.8	16.2

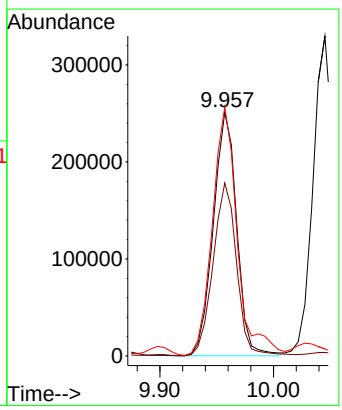


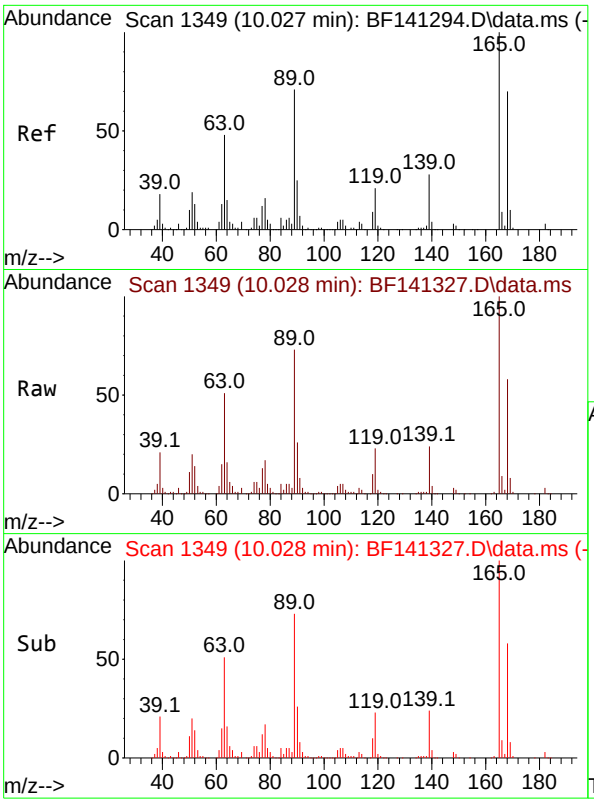


#56
4-Nitrophenol
Concen: 90.432 ng
RT: 9.957 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:139 Resp: 358814

Ion	Ratio	Lower	Upper
139	100		
109	70.9	50.2	90.2
65	102.1	80.6	120.6



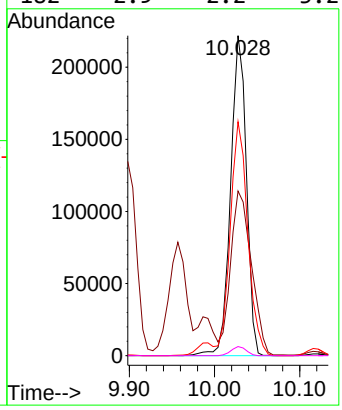


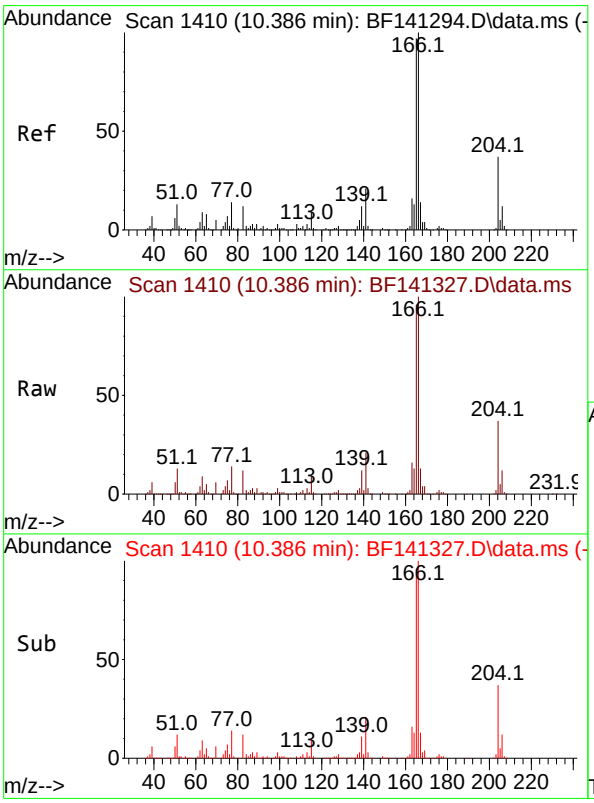
#57
2,4-Dinitrotoluene
Concen: 39.808 ng
RT: 10.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:165 Resp: 285303

Ion	Ratio	Lower	Upper
165	100		
63	51.4	39.2	58.8
89	73.1	56.9	85.3
182	2.9	2.2	3.2

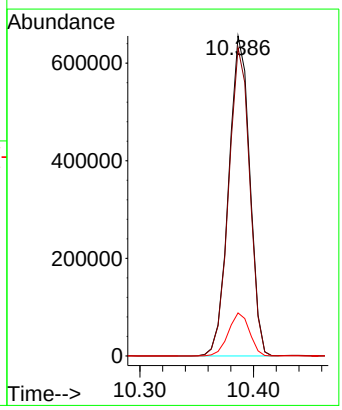


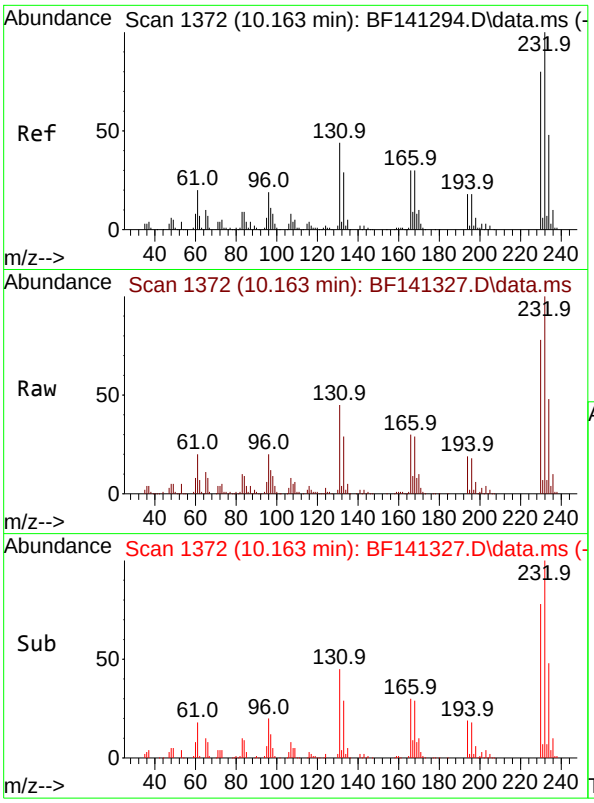


#58
Fluorene
Concen: 37.898 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:166 Resp: 844352

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.5	116.3
167	13.5	10.9	16.3



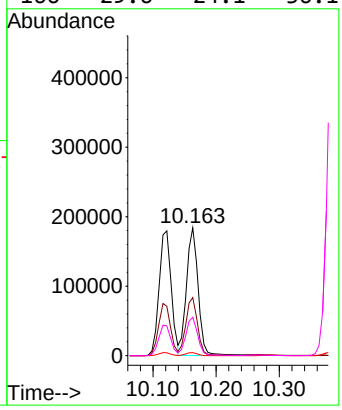


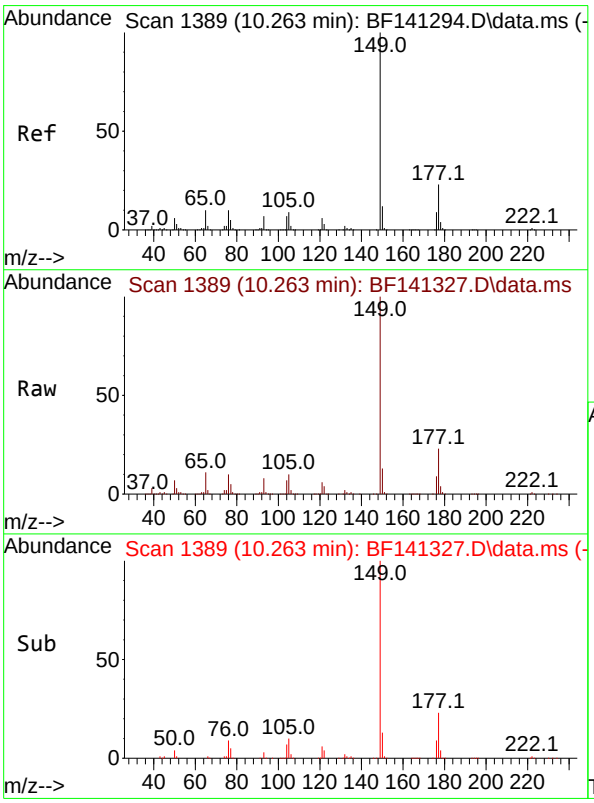
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.298 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:232 Resp: 238057

Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.4	54.6
130	2.4	1.9	2.9
166	29.6	24.1	36.1

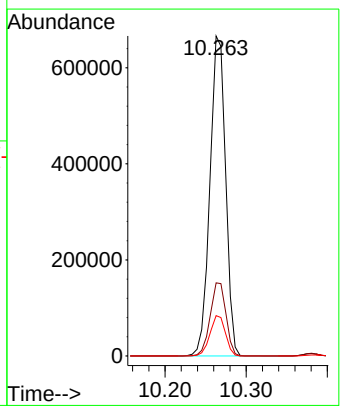


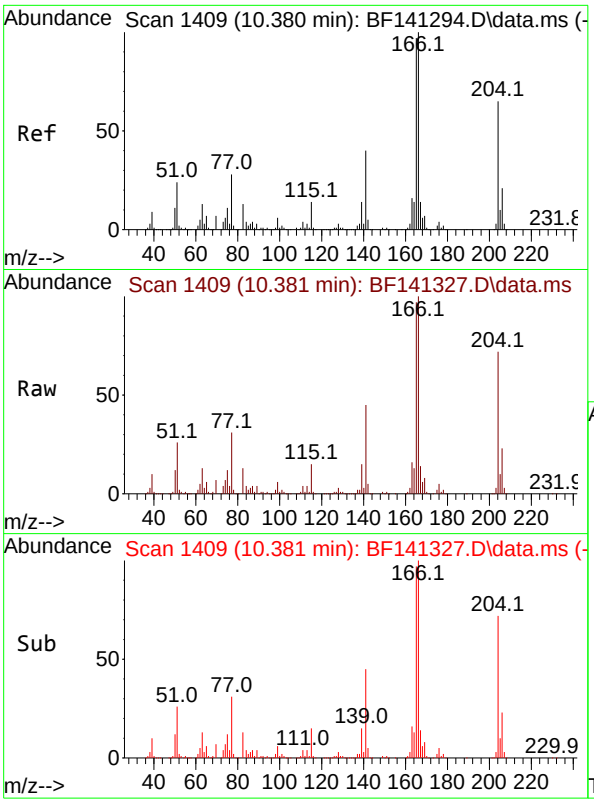


#60
Diethylphthalate
Concen: 38.644 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 893307

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.5	27.7
150	12.6	10.0	15.0



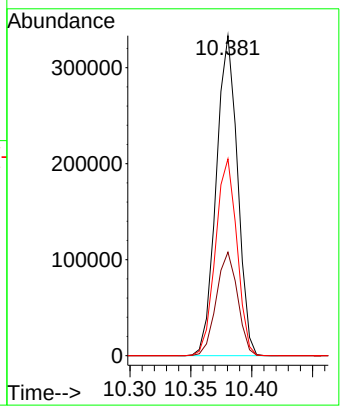


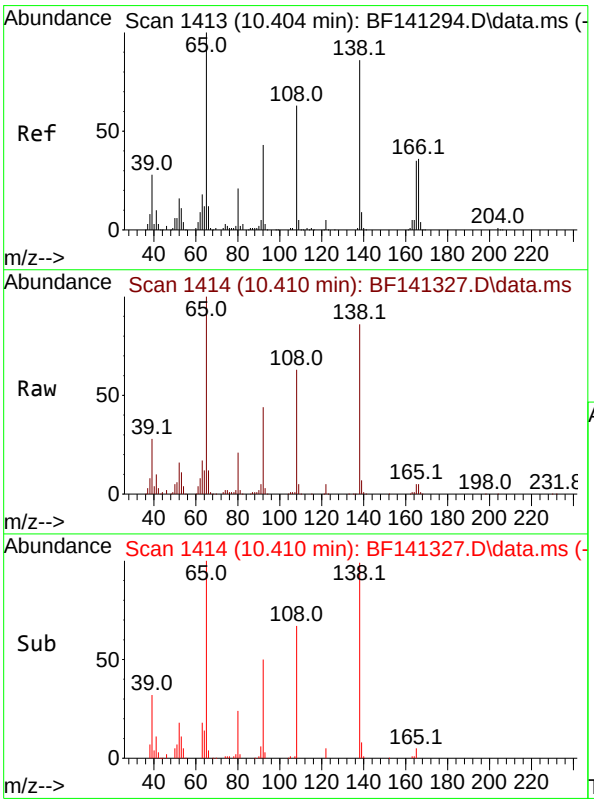
#61
4-Chlorophenyl-phenylether
Concen: 37.274 ng
RT: 10.381 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:204 Resp: 405648

Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	61.5	49.5	74.3

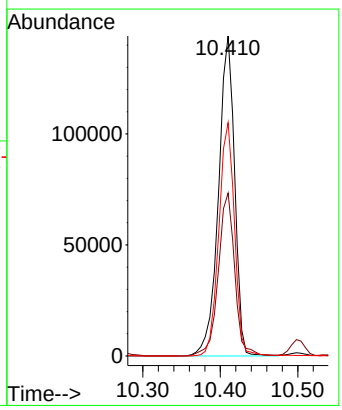


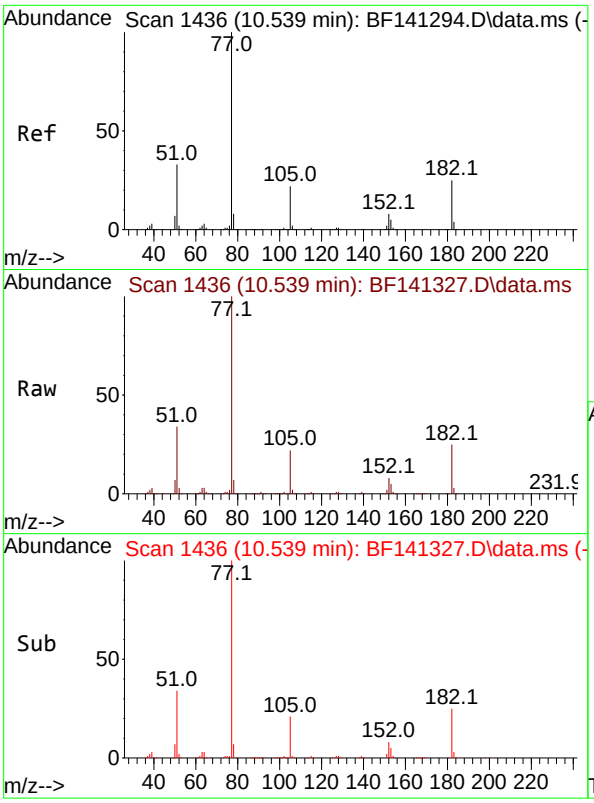


#62
4-Nitroaniline
Concen: 39.216 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:138 Resp: 209172

Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.1	70.1
108	72.9	53.1	93.1



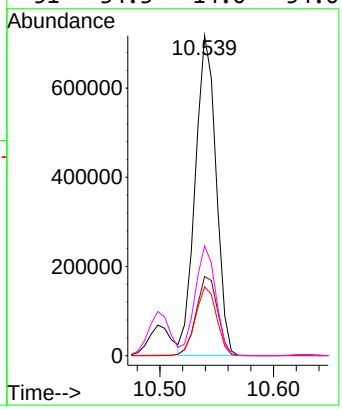


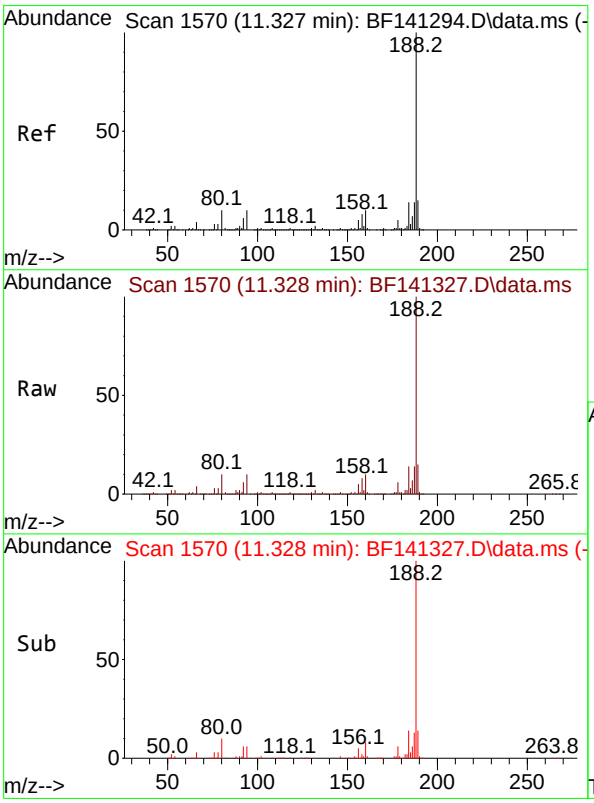
#63
Azobenzene
Concen: 39.412 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion: 77 Resp: 911933

Ion	Ratio	Lower	Upper
77	100		
182	24.7	5.1	45.1
105	21.5	1.8	41.8
51	34.3	14.0	54.0

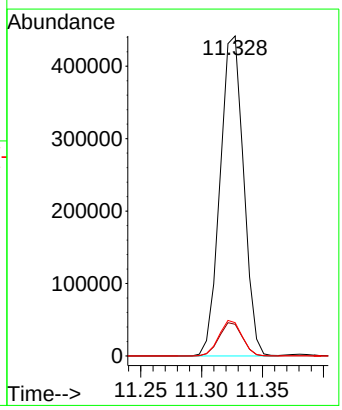


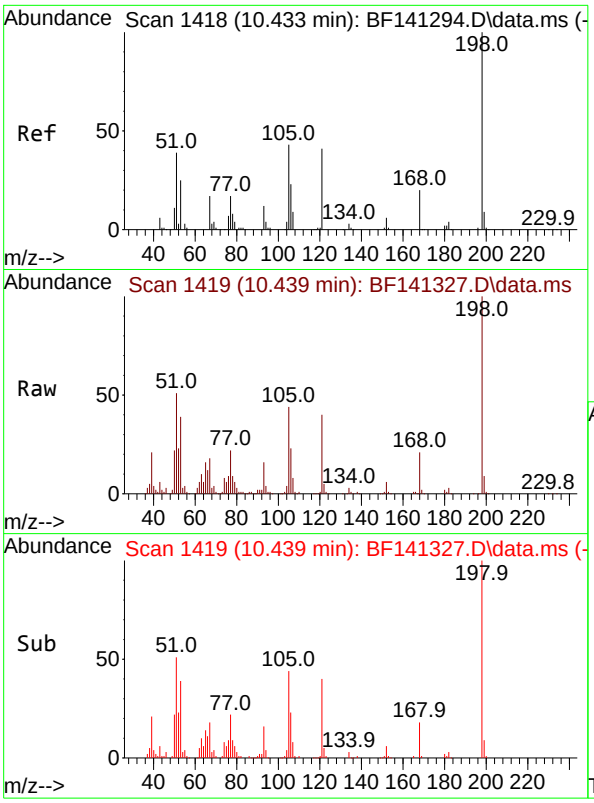


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:188 Resp: 593804

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.6
80	10.4	8.2	12.4



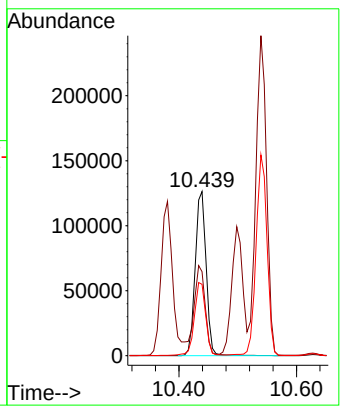


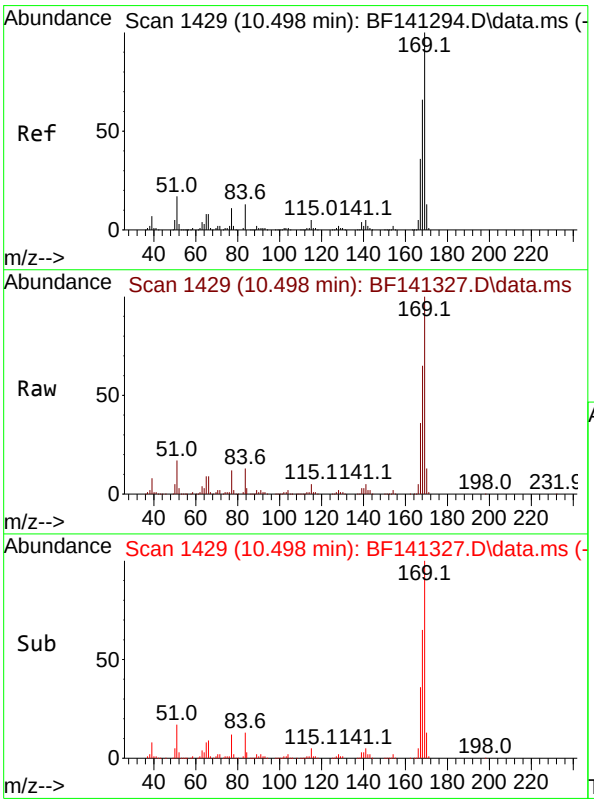
#65
4,6-Dinitro-2-methylphenol
Concen: 46.381 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:198 Resp: 162906

Ion	Ratio	Lower	Upper
198	100		
51	51.1	33.4	73.4
105	43.5	24.4	64.4

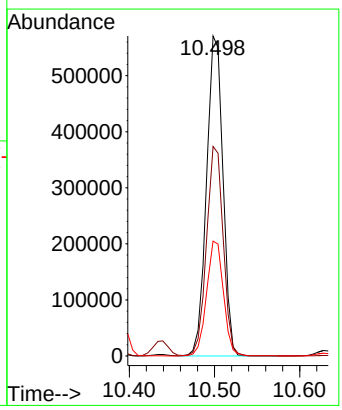


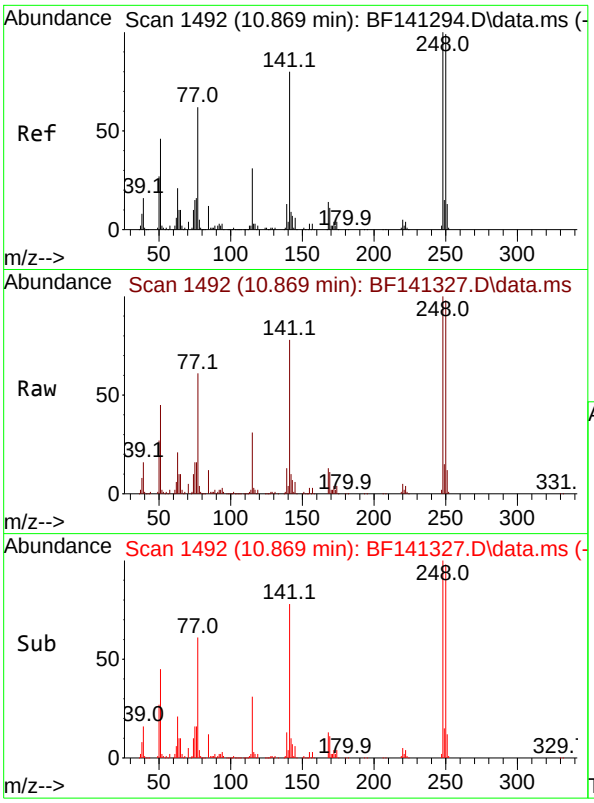


#66
n-Nitrosodiphenylamine
Concen: 39.769 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:169 Resp: 763790

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.0	79.4
167	35.9	28.8	43.2



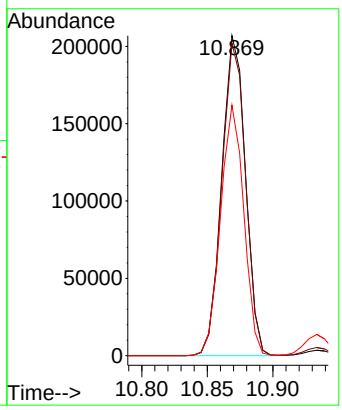


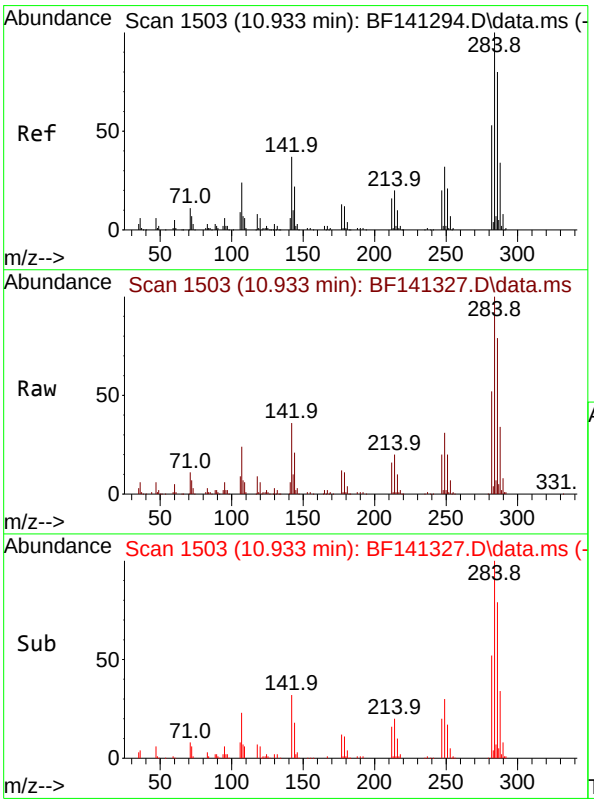
#67
4-Bromophenyl-phenylether
Concen: 39.206 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:248 Resp: 260632

Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.0	118.4
141	78.3	63.7	95.5

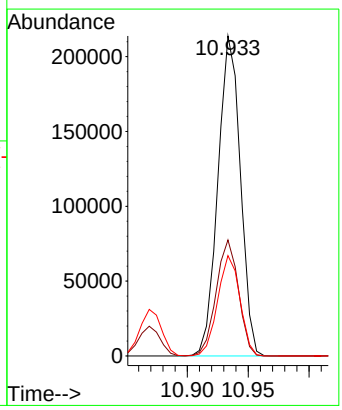


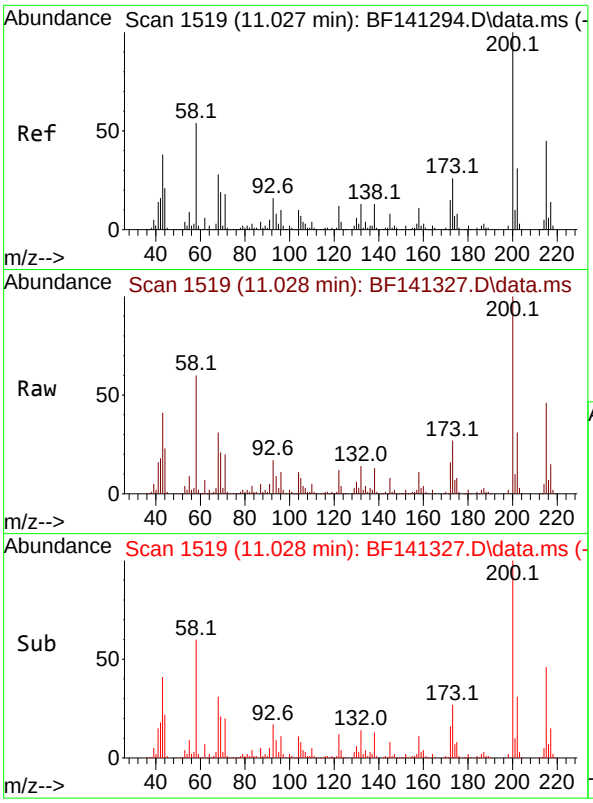


#68
Hexachlorobenzene
Concen: 38.931 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:284 Resp: 274528

Ion	Ratio	Lower	Upper
284	100		
142	36.3	29.5	44.3
249	31.3	25.4	38.2



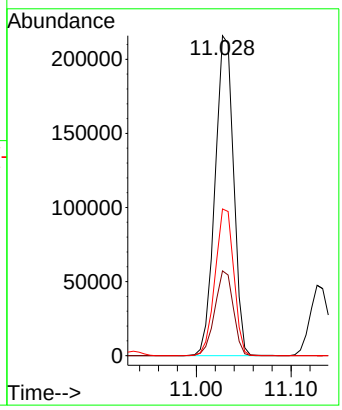


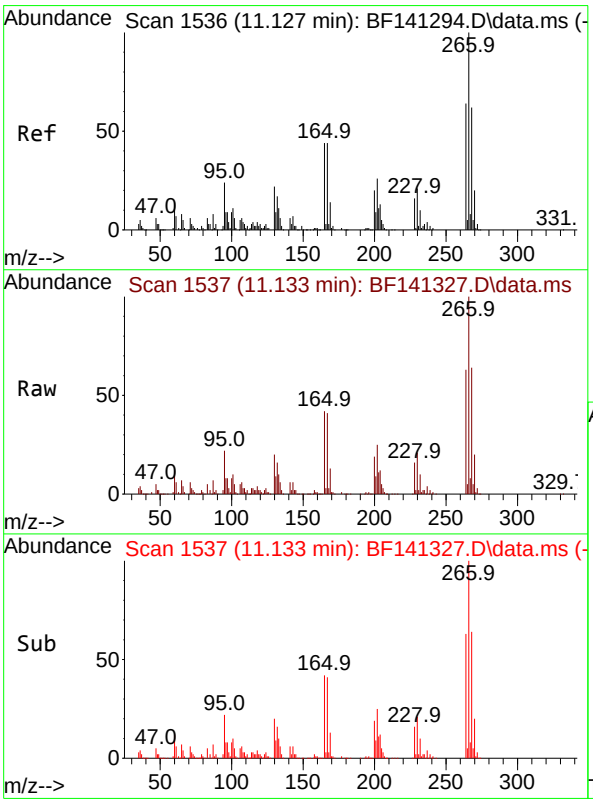
#69
Atrazine
Concen: 45.813 ng
RT: 11.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:200 Resp: 294187

Ion	Ratio	Lower	Upper
200	100		
173	26.5	5.9	45.9
215	45.9	25.2	65.2

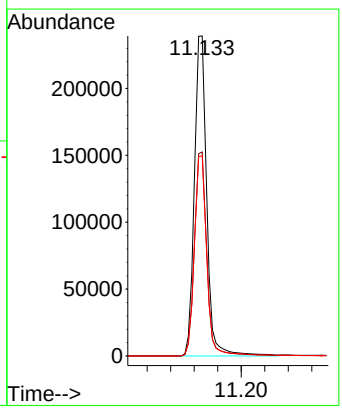


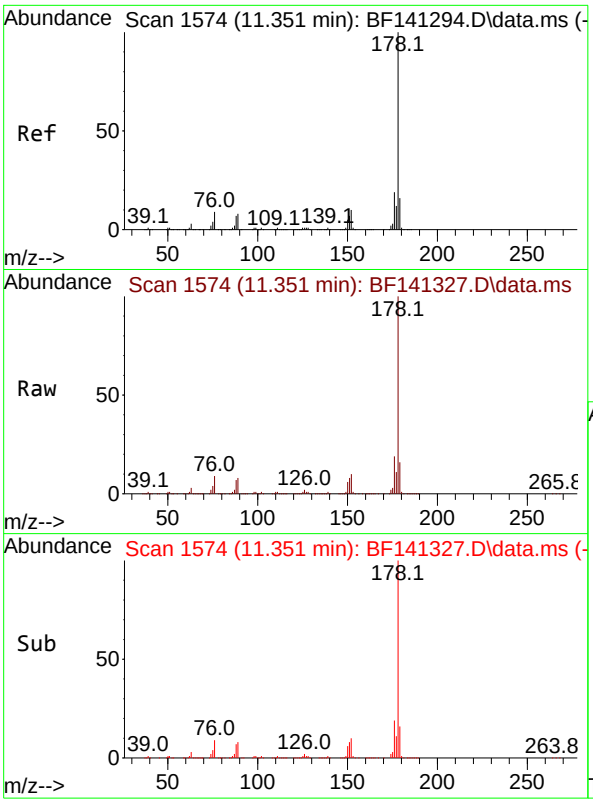


#70
Pentachlorophenol
Concen: 84.735 ng
RT: 11.133 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:266 Resp: 349899

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	62.6	51.0	76.4



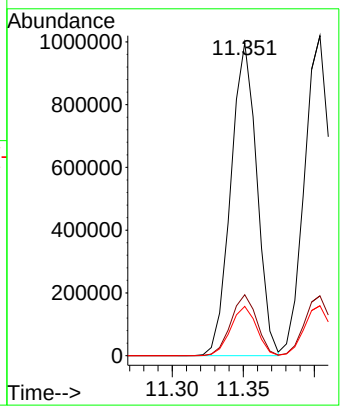


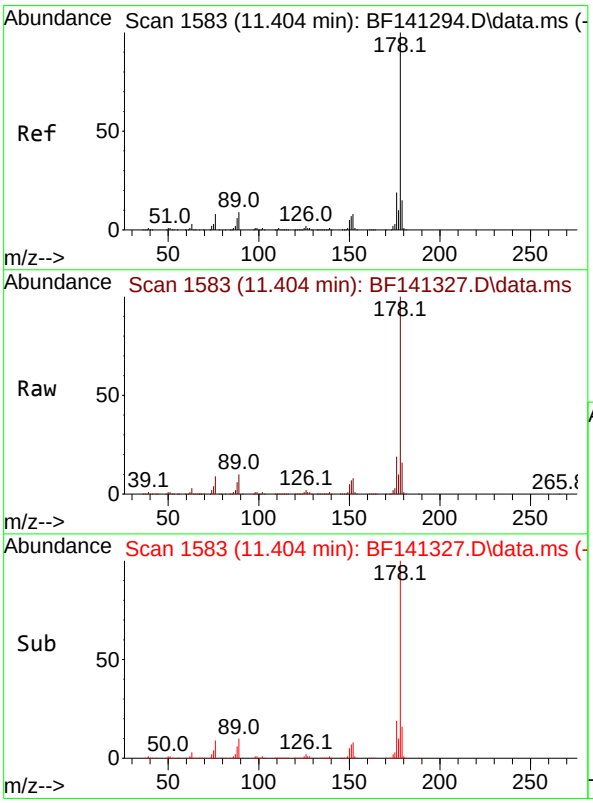
#71
Phenanthrene
Concen: 39.784 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:178 Resp: 1269881

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.8	12.5	18.7

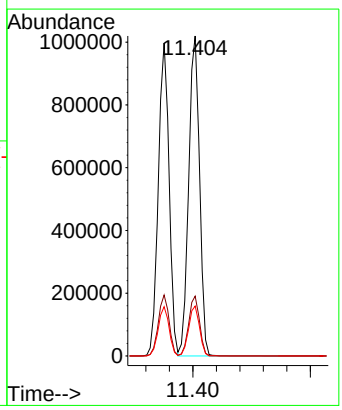


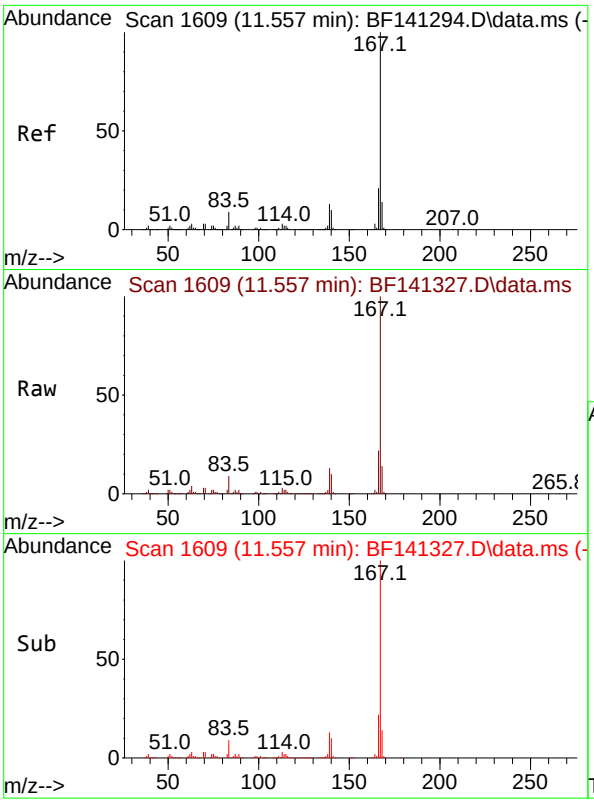


#72
Anthracene
Concen: 41.630 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:178 Resp: 1302000

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.3	18.5



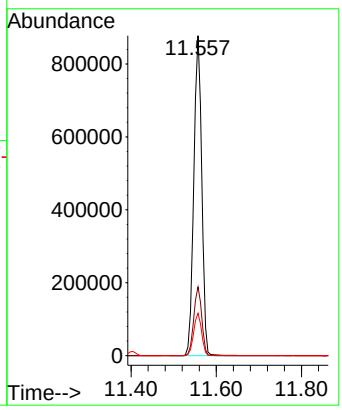


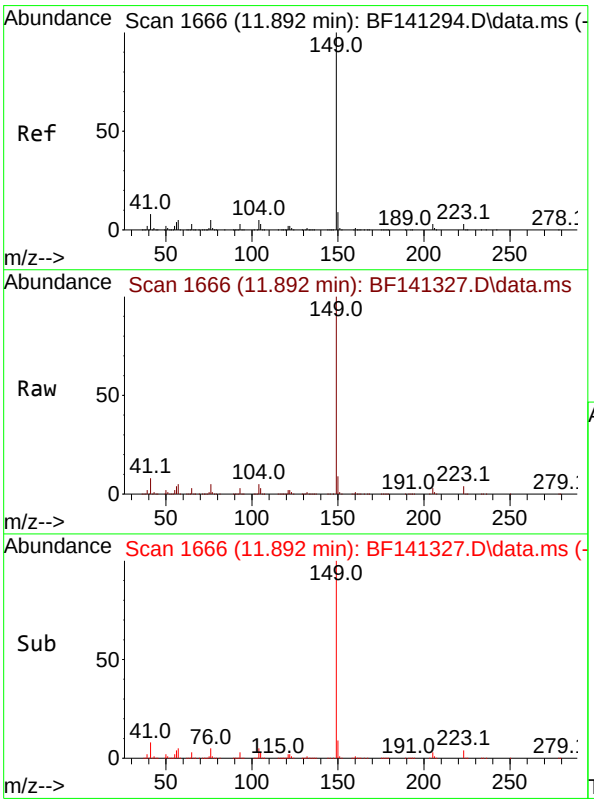
#73
Carbazole
Concen: 40.994 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:167 Resp: 1136855

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.0	25.6
139	13.3	10.6	16.0

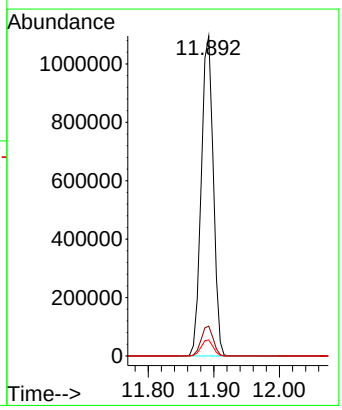


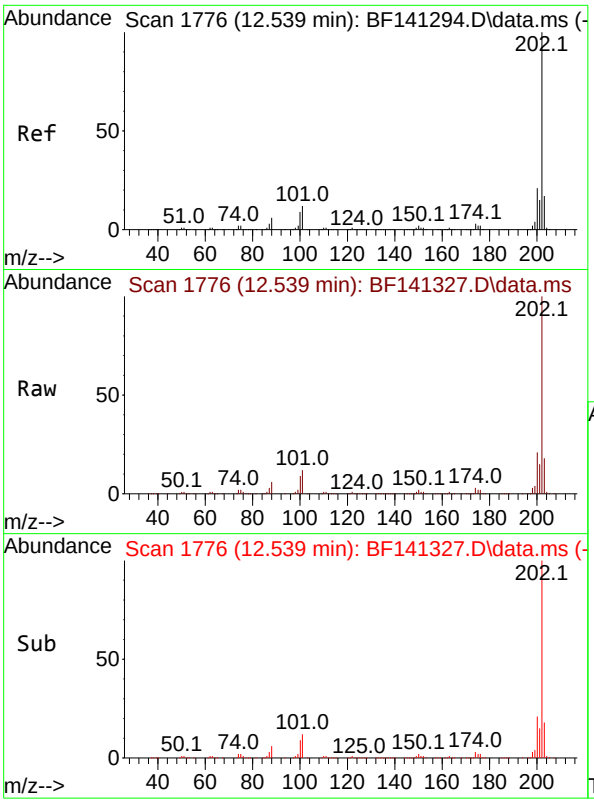


#74
Di-n-butylphthalate
Concen: 41.703 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 1401598

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9



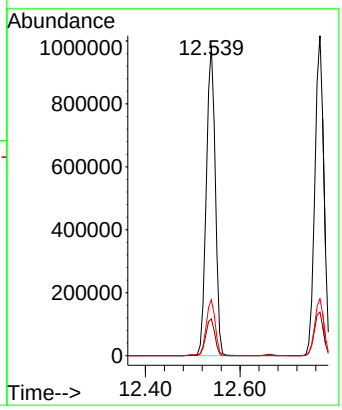


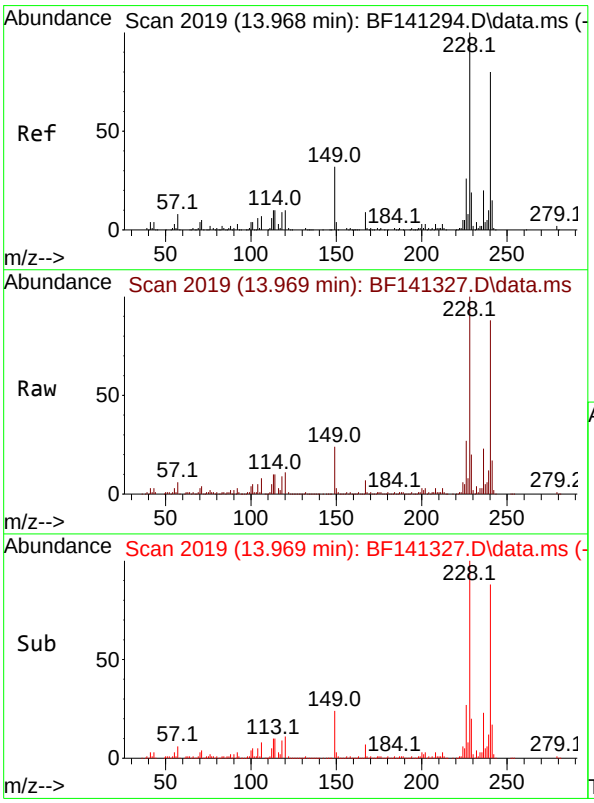
#75
Fluoranthene
Concen: 40.929 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:202 Resp: 1289953

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	18.0	0.0	37.5

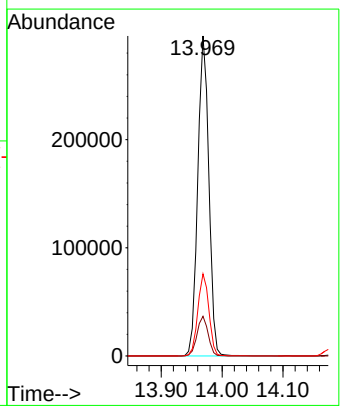


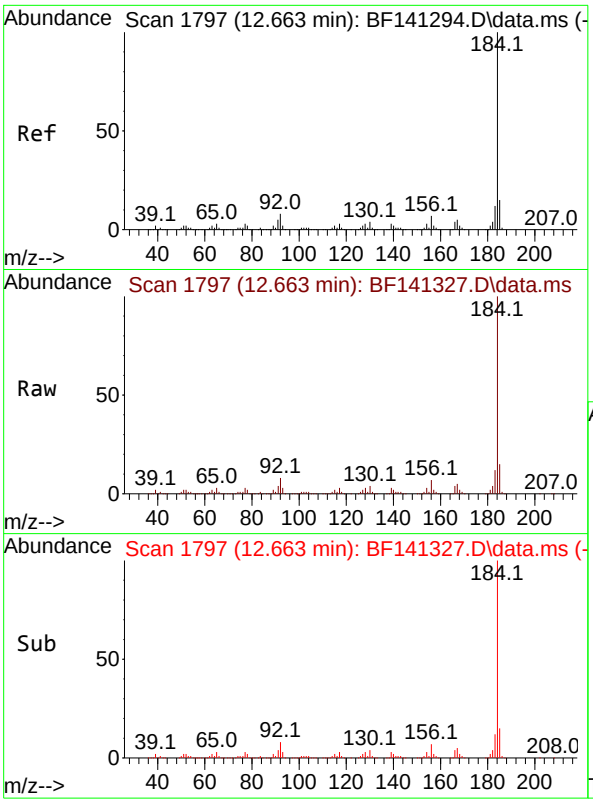


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:240 Resp: 372769

Ion	Ratio	Lower	Upper
240	100		
120	12.4	10.0	15.0
236	25.6	19.7	29.5



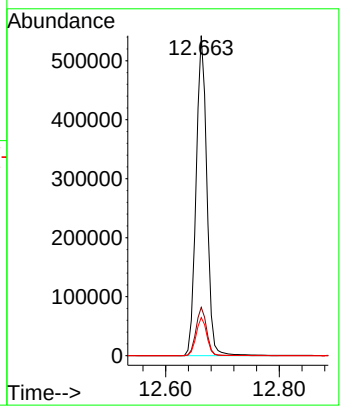


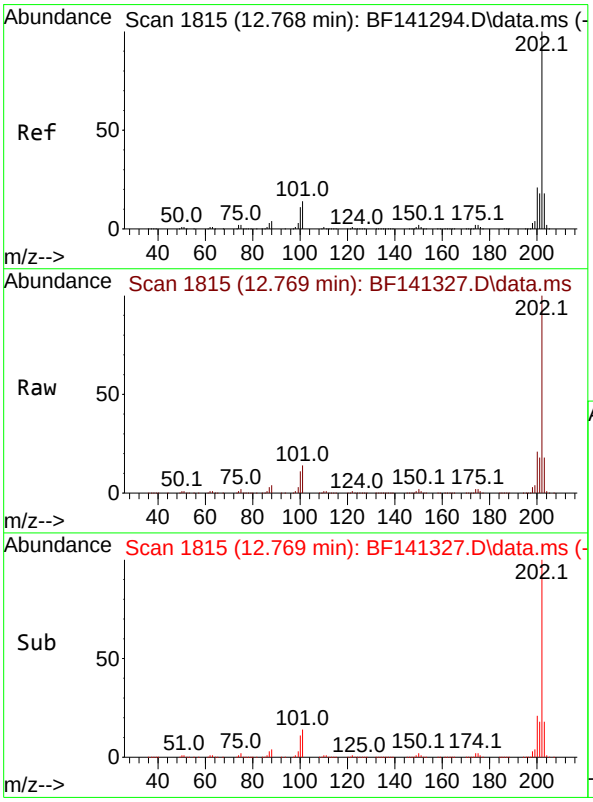
#77
Benzidine
Concen: 59.932 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:184 Resp: 716205

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.9	17.9
183	11.9	9.5	14.3

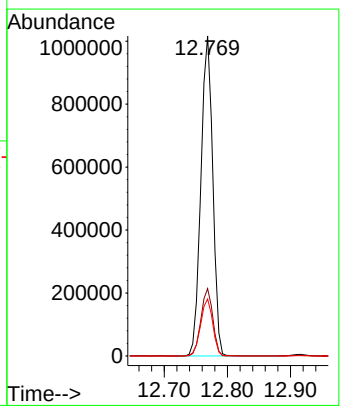


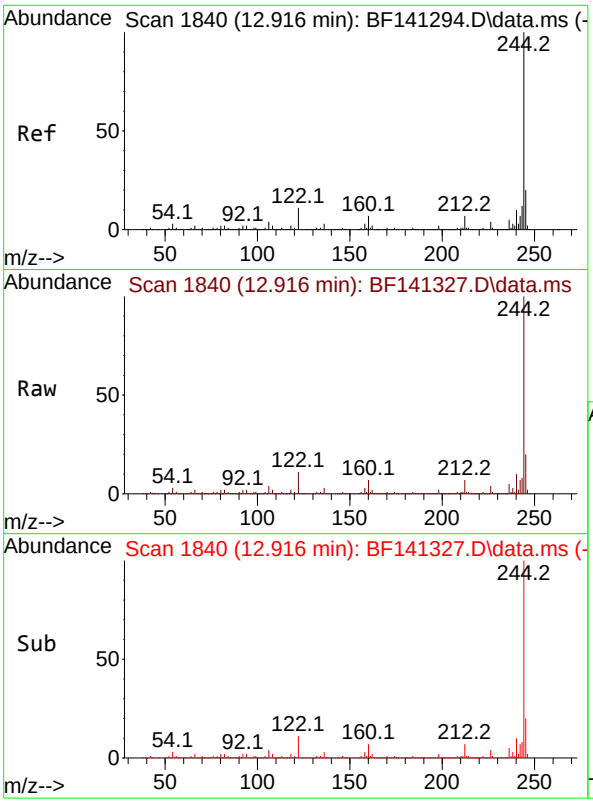


#78
Pyrene
Concen: 37.024 ng
RT: 12.769 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:202 Resp: 1324799

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.3	21.5



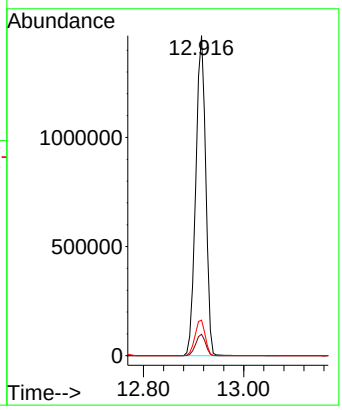


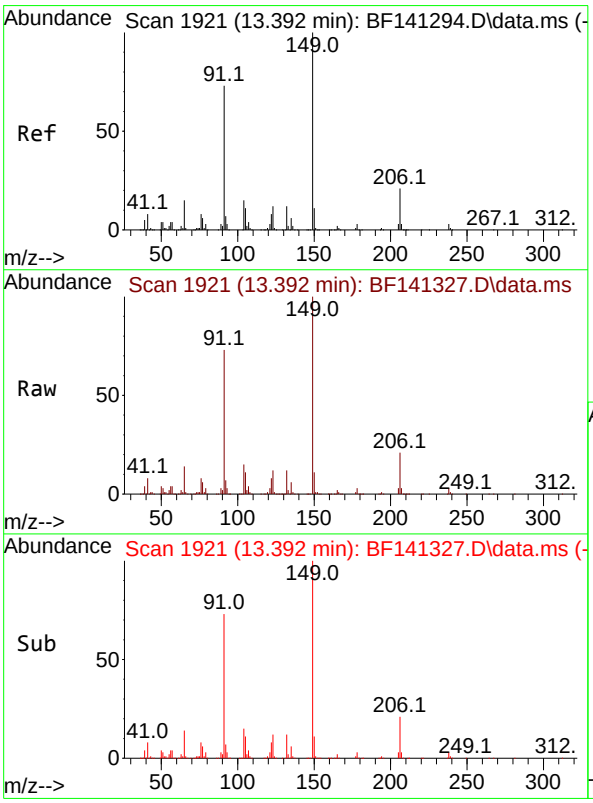
#79
Terphenyl-d14
Concen: 83.221 ng
RT: 12.916 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:244 Resp: 2011572

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

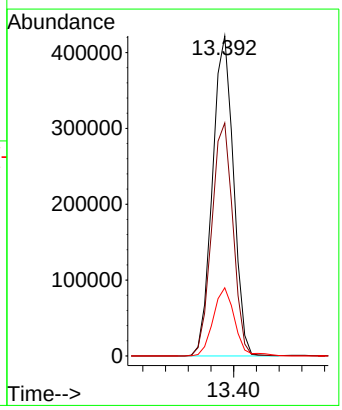


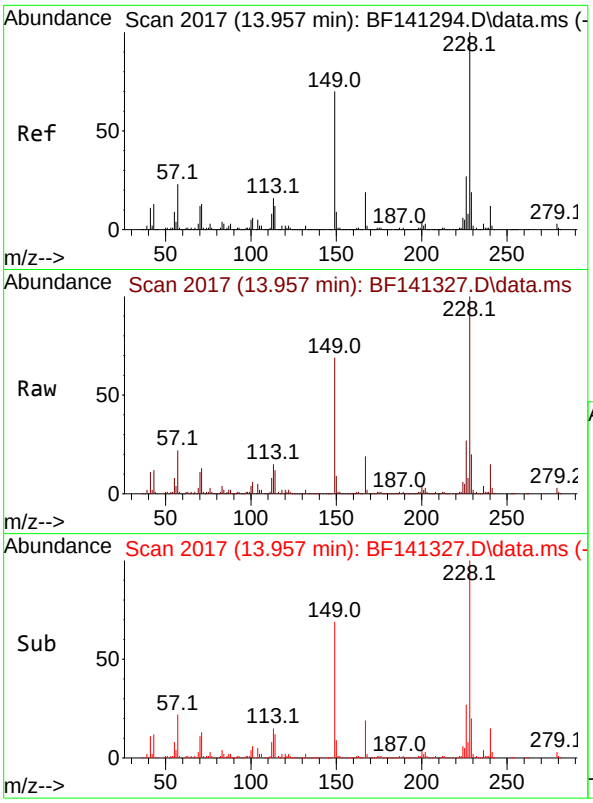


#80
Butylbenzylphthalate
Concen: 43.342 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 541805

Ion	Ratio	Lower	Upper
149	100		
91	72.8	58.6	87.8
206	21.3	16.7	25.1



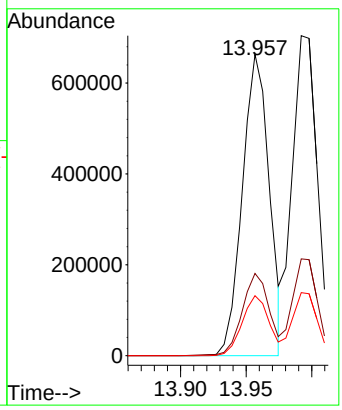


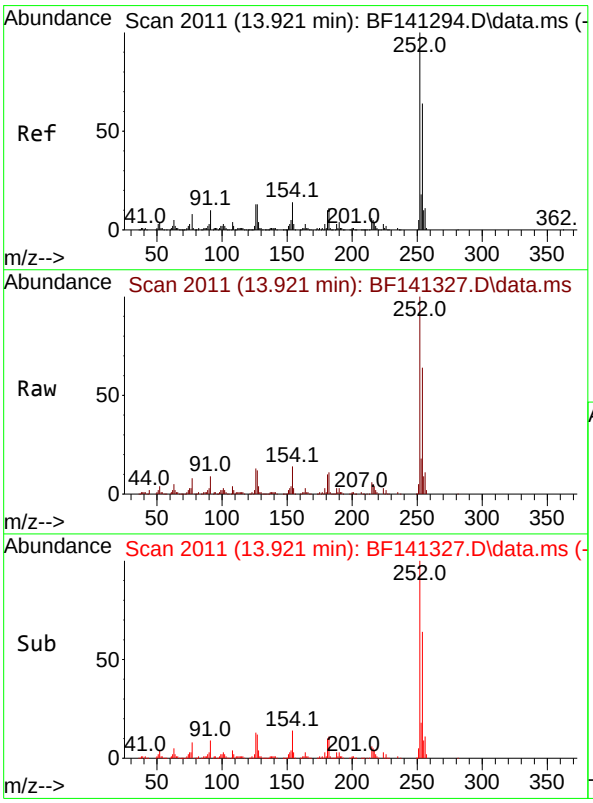
#81
Benzo(a)anthracene
Concen: 36.655 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:228 Resp: 942894

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.4	32.2
229	19.9	15.5	23.3

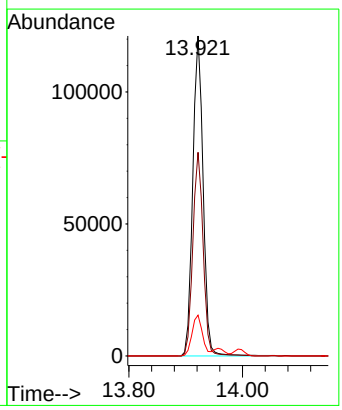


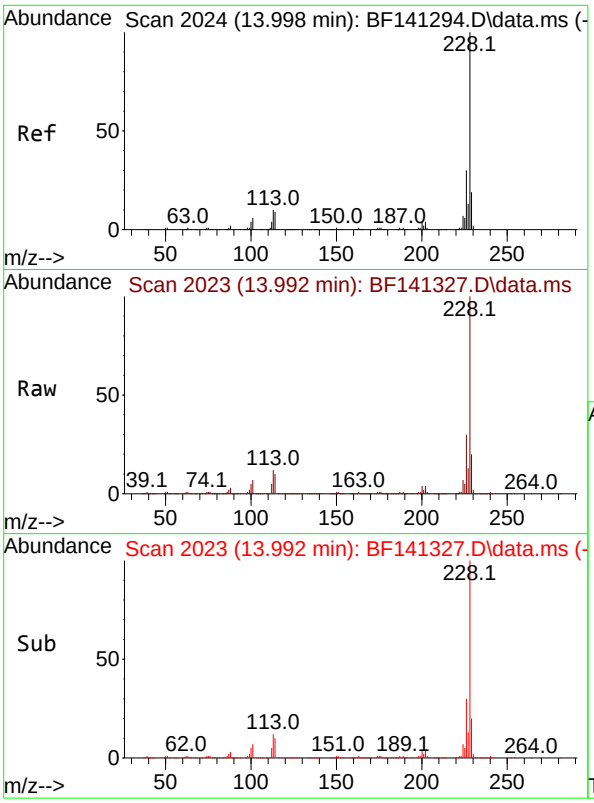


#82
3,3'-Dichlorobenzidine
Concen: 18.863 ng
RT: 13.921 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 154325

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	12.7	10.0	15.0



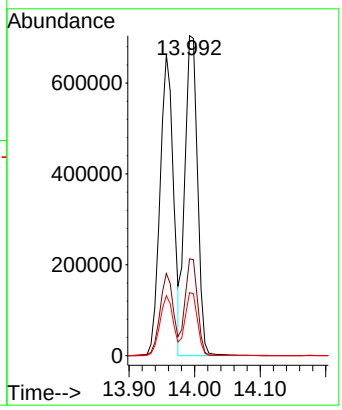


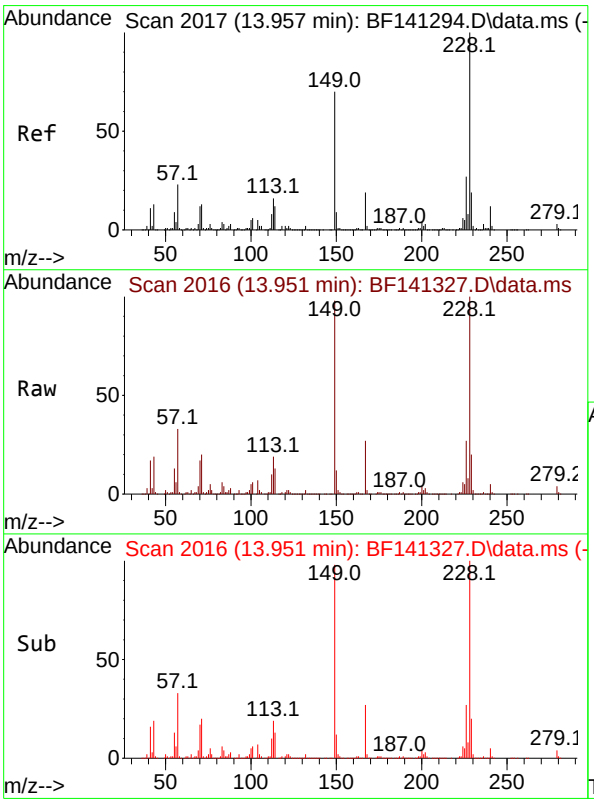
#83
Chrysene
Concen: 39.853 ng
RT: 13.992 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:228 Resp: 939517

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.7	15.6	23.4

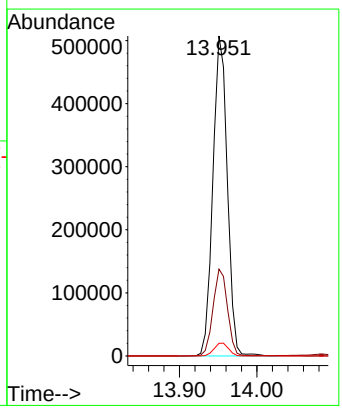


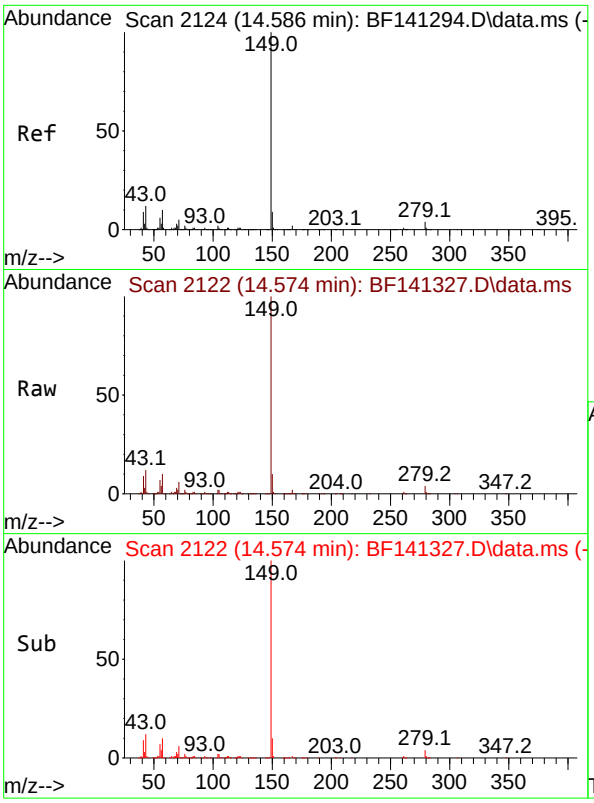


#84
Bis(2-ethylhexyl)phthalate
Concen: 41.481 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:149 Resp: 657794

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	3.9	3.3	4.9



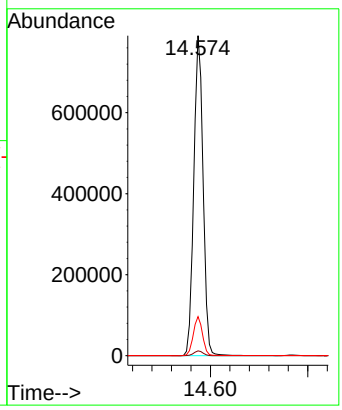


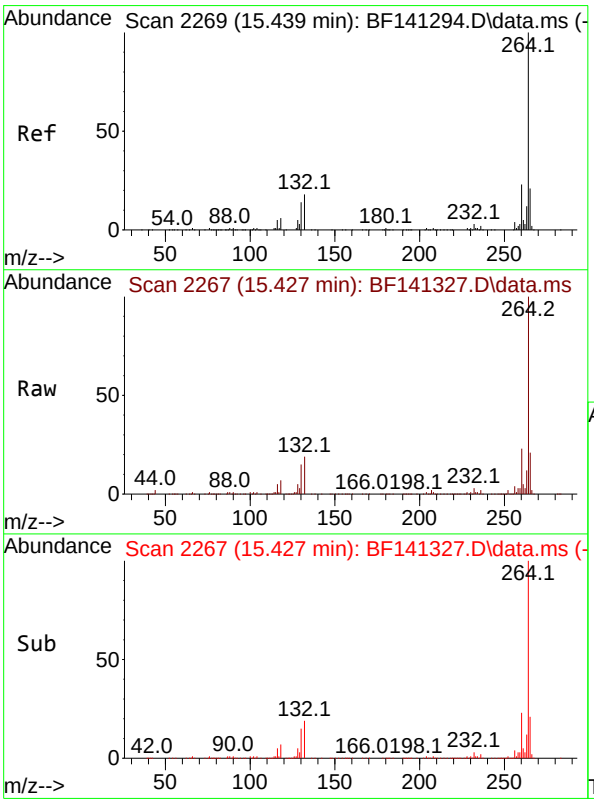
#85
Di-n-octyl phthalate
Concen: 42.786 ng
RT: 14.574 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:149 Resp: 1053825

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.1	9.8	14.8

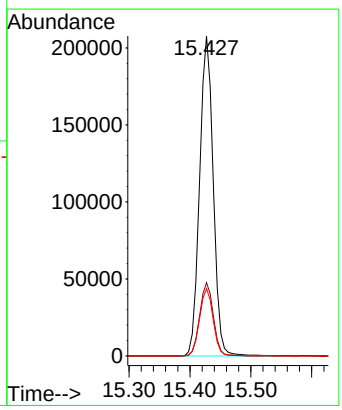


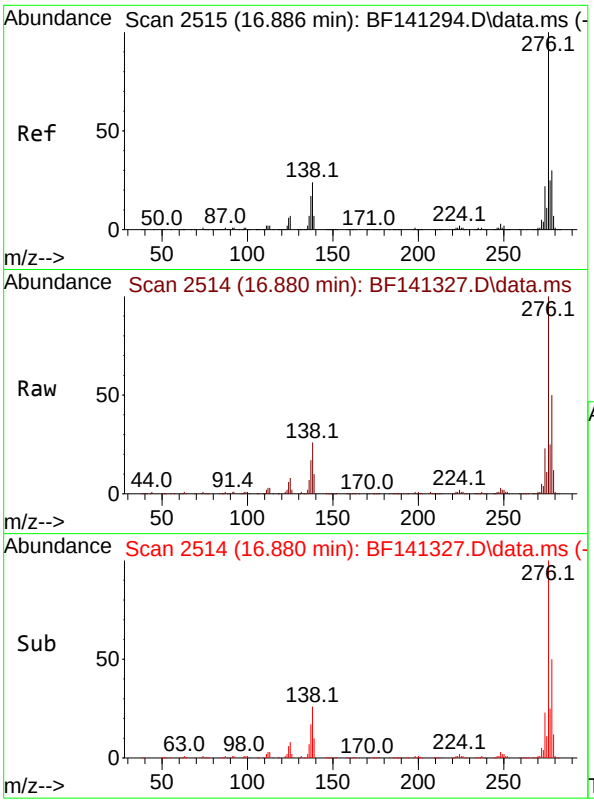


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:264 Resp: 322252

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.1	16.7	25.1



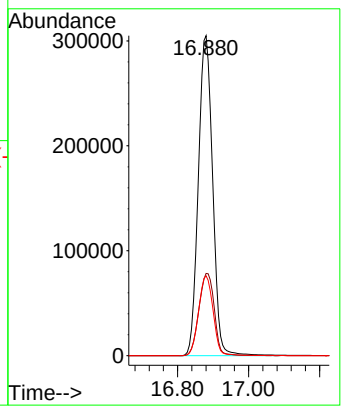


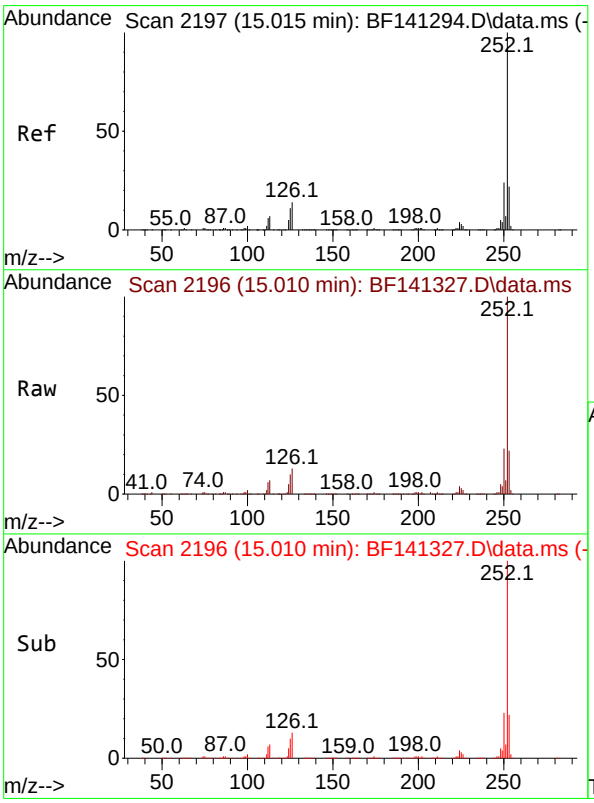
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.186 ng
RT: 16.880 min Scan# 2
Delta R.T. -0.018 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:276 Resp: 856626

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.7	32.5
277	25.4	20.3	30.5

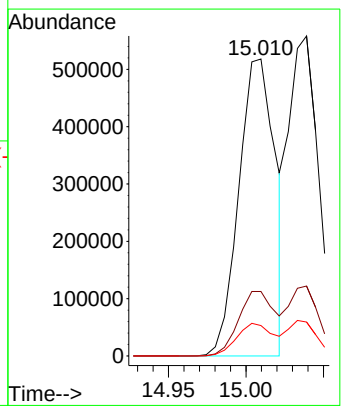


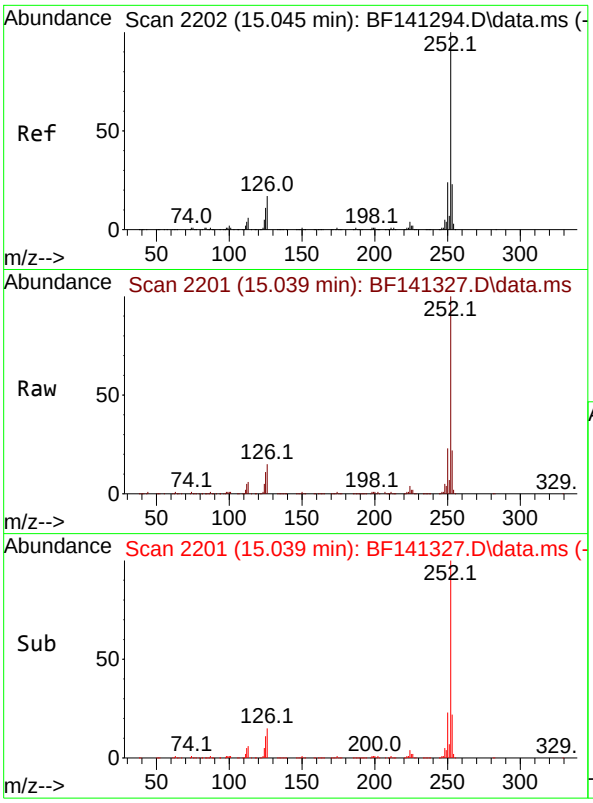


#88
Benzo(b)fluoranthene
Concen: 41.725 ng
RT: 15.010 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 845792

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.2	8.6	12.8



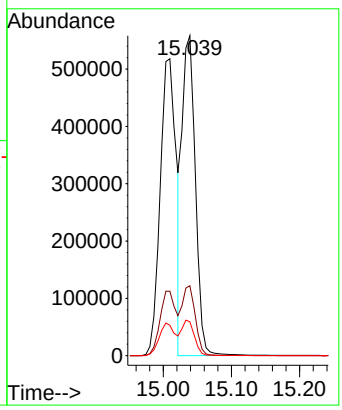


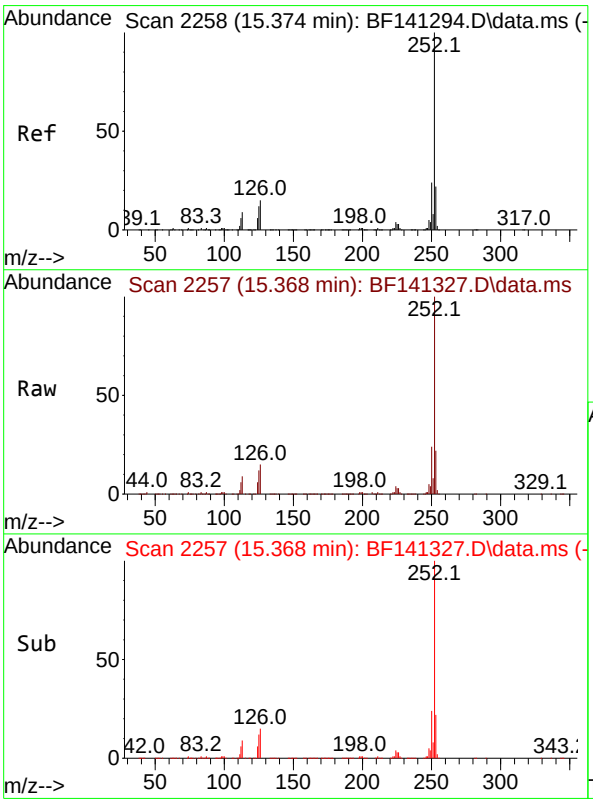
#89
Benzo(k)fluoranthene
Concen: 42.265 ng
RT: 15.039 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:252 Resp: 758956

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.6	8.4	12.6

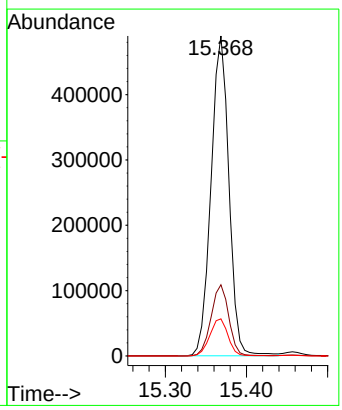


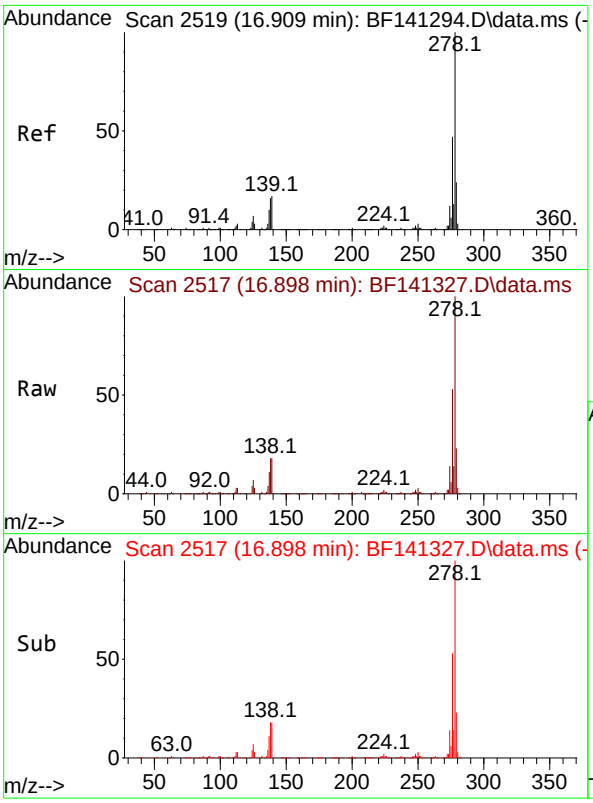


#90
Benzo(a)pyrene
Concen: 43.765 ng
RT: 15.368 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:252 Resp: 749665

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.6	9.4	14.2



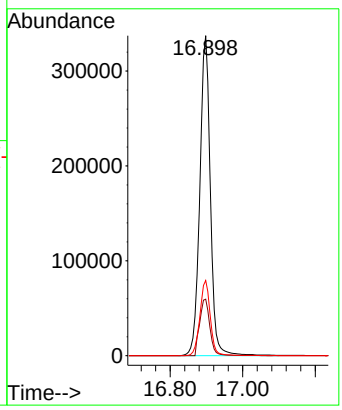


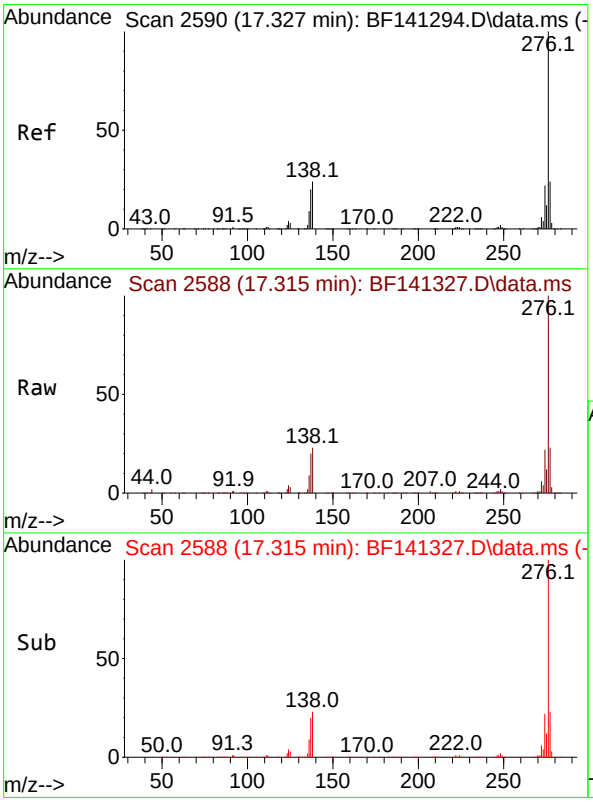
#91
Dibenzo(a,h)anthracene
Concen: 40.724 ng
RT: 16.898 min Scan# 2
Delta R.T. -0.024 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Instrument :
BNA_F
ClientSampleId :
PB166363BSD

Tgt Ion:278 Resp: 681454

Ion	Ratio	Lower	Upper
278	100		
139	17.6	13.9	20.9
279	23.5	18.8	28.2

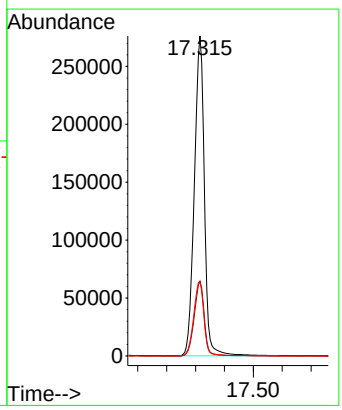




#92
Benzo(g,h,i)perylene
Concen: 38.278 ng
RT: 17.315 min Scan# 2588
Delta R.T. -0.029 min
Lab File: BF141327.D
Acq: 31 Jan 2025 12:54

Tgt Ion:276 Resp: 666012

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.3	19.0	28.4



Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	164970	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	647909	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	341541	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	566479	20.000	ng	0.00
76) Chrysene-d12	13.968	240	341440	20.000	ng	0.00
86) Perylene-d12	15.439	264	331116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	791139	73.623	ng	0.00
7) Phenol-d6	6.428	99	993362	72.667	ng	-0.01
23) Nitrobenzene-d5	7.363	82	896200	72.918	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	235886	75.335	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1562690	70.424	ng	0.00
79) Terphenyl-d14	12.915	244	1567460	70.798	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.481	88	179518	37.986	ng	99
3) Pyridine	3.210	79	436407	38.326	ng	99
4) n-Nitrosodimethylamine	3.163	42	248931	38.269	ng	99
6) Aniline	6.463	93	439932	38.018	ng	99
8) 2-Chlorophenol	6.586	128	426501	37.030	ng	96
9) Benzaldehyde	6.345	77	310932	39.268	ng	99
10) Phenol	6.445	94	527421	36.397	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	407197	36.649	ng	98
12) 1,3-Dichlorobenzene	6.739	146	469100	36.939	ng	99
13) 1,4-Dichlorobenzene	6.816	146	473169	37.089	ng	100
14) 1,2-Dichlorobenzene	6.969	146	432488	36.203	ng	99
15) Benzyl Alcohol	6.939	79	350130	37.479	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.075	45	715839	37.050	ng	99
17) 2-Methylphenol	7.051	107	344483	36.801	ng	99
18) Hexachloroethane	7.310	117	173871	36.943	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	295405	36.368	ng	97
20) 3+4-Methylphenols	7.204	107	411022	35.761	ng	99
22) Acetophenone	7.210	105	548834	35.637	ng	99
24) Nitrobenzene	7.381	77	467777	36.727	ng	99
25) Isophorone	7.622	82	785054	36.952	ng	99
26) 2-Nitrophenol	7.698	139	224162	37.318	ng	100
27) 2,4-Dimethylphenol	7.733	122	262245	34.300	ng	100
28) bis(2-Chloroethoxy)met...	7.833	93	494480	36.489	ng	100
29) 2,4-Dichlorophenol	7.939	162	346397	37.008	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	385139	36.030	ng	99
31) Naphthalene	8.104	128	1231790	35.989	ng	99
32) Benzoic acid	7.851	122	229274	32.621	ng	100
33) 4-Chloroaniline	8.151	127	411817	35.481	ng	99
34) Hexachlorobutadiene	8.222	225	227599	36.308	ng	99
35) Caprolactam	8.528	113	116667	38.166	ng	94
36) 4-Chloro-3-methylphenol	8.633	107	376529	37.503	ng	98
37) 2-Methylnaphthalene	8.792	142	782487	35.969	ng	98
38) 1-Methylnaphthalene	8.892	142	767501	35.916	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	357735	36.817	ng	100
41) Hexachlorocyclopentadiene	8.945	237	112765	39.297	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	241760	38.014	ng	99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

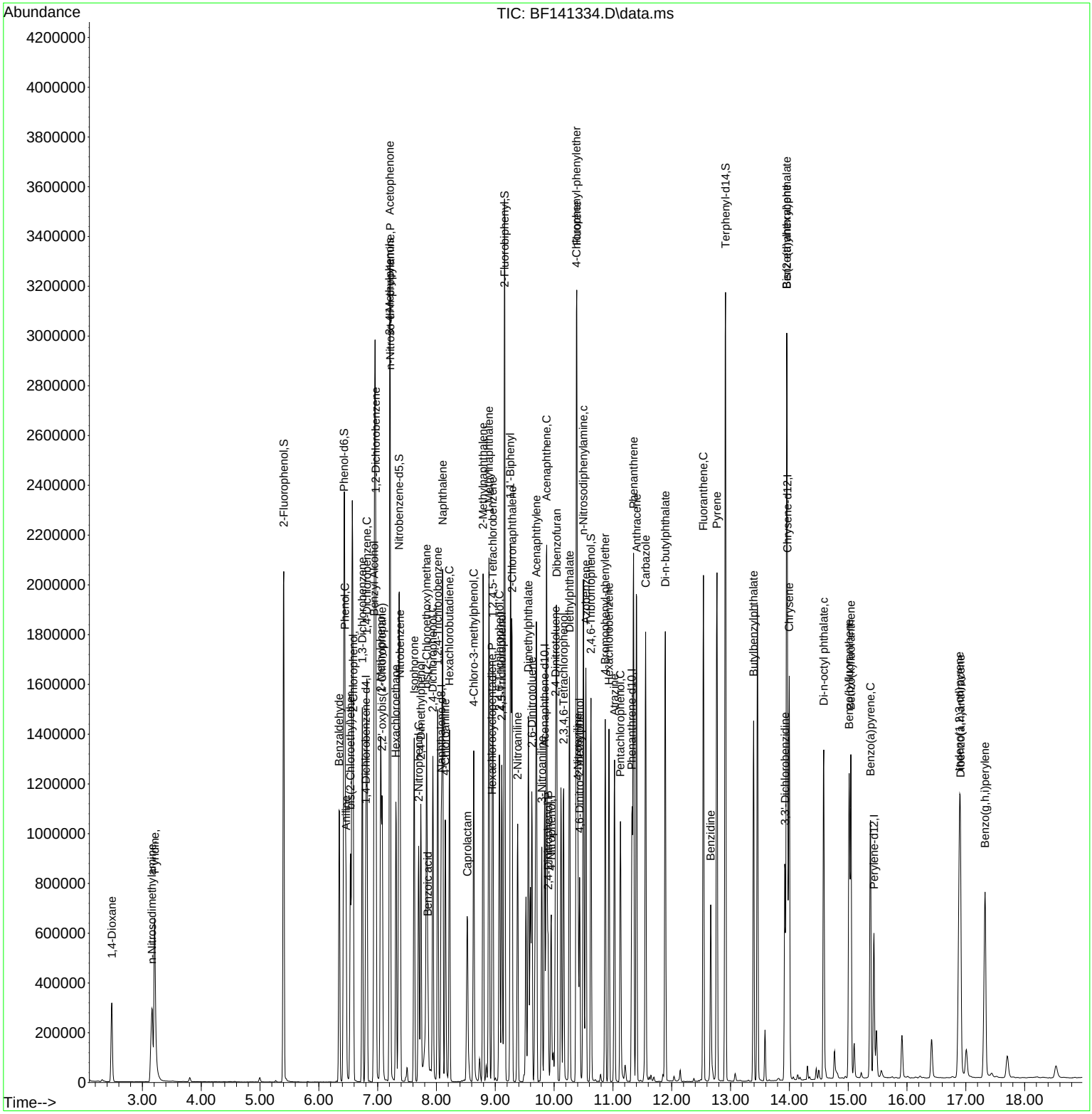
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	256970	37.124	ng	100
46) 1,1'-Biphenyl	9.257	154	961081	36.082	ng	99
47) 2-Chloronaphthalene	9.286	162	748367	36.046	ng	99
48) 2-Nitroaniline	9.380	65	246493	37.746	ng	99
49) Acenaphthylene	9.698	152	1061017	36.509	ng	100
50) Dimethylphthalate	9.563	163	853360	36.994	ng	100
51) 2,6-Dinitrotoluene	9.622	165	202525	37.813	ng	98
52) Acenaphthene	9.875	154	761516	36.678	ng	100
53) 3-Nitroaniline	9.792	138	195318	37.207	ng	100
54) 2,4-Dinitrophenol	9.898	184	104461	41.956	ng	97
55) Dibenzofuran	10.045	168	999283	35.957	ng	100
56) 4-Nitrophenol	9.951	139	152830	39.808	ng	98
57) 2,4-Dinitrotoluene	10.027	165	267112	38.519	ng	99
58) Fluorene	10.386	166	773726	35.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	209383	38.450	ng	99
60) Diethylphthalate	10.263	149	832152	37.205	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	380628	36.147	ng	100
62) 4-Nitroaniline	10.404	138	198535	38.469	ng	99
63) Azobenzene	10.539	77	831958	37.160	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	148537	44.330	ng	99
66) n-Nitrosodiphenylamine	10.498	169	682549	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	244392	38.536	ng	98
68) Hexachlorobenzene	10.933	284	255323	37.954	ng	99
69) Atrazine	11.027	200	213403	34.836	ng	98
70) Pentachlorophenol	11.127	266	167246	42.456	ng	99
71) Phenanthrene	11.351	178	1133127	37.212	ng	99
72) Anthracene	11.404	178	1126615	37.760	ng	99
73) Carbazole	11.557	167	1014712	38.354	ng	99
74) Di-n-butylphthalate	11.892	149	1270081	39.613	ng	100
75) Fluoranthene	12.539	202	1159837	38.576	ng	100
77) Benzidine	12.663	184	393366	35.937	ng	99
78) Pyrene	12.768	202	1173910	35.817	ng	100
80) Butylbenzylphthalate	13.392	149	451201	39.406	ng	99
81) Benzo(a)anthracene	13.957	228	824181	34.980	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	272114	36.313	ng	99
83) Chrysene	13.998	228	770666	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	561147	38.633	ng	100
85) Di-n-octyl phthalate	14.586	149	880674	39.037	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	802001	37.527	ng	100
88) Benzo(b)fluoranthene	15.015	252	808478	38.817	ng	99
89) Benzo(k)fluoranthene	15.045	252	638999	34.632	ng	100
90) Benzo(a)pyrene	15.380	252	655984	37.270	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	645395	37.536	ng	99
92) Benzo(g,h,i)perylene	17.327	276	685709	38.355	ng	99

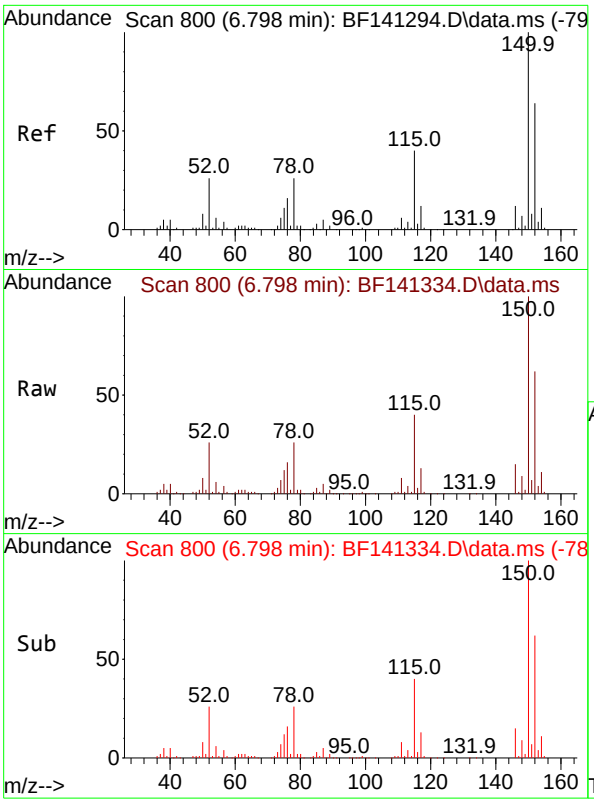
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141334.D
Acq On : 31 Jan 2025 16:26
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 31 18:34:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



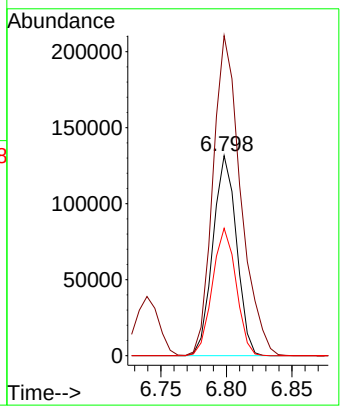


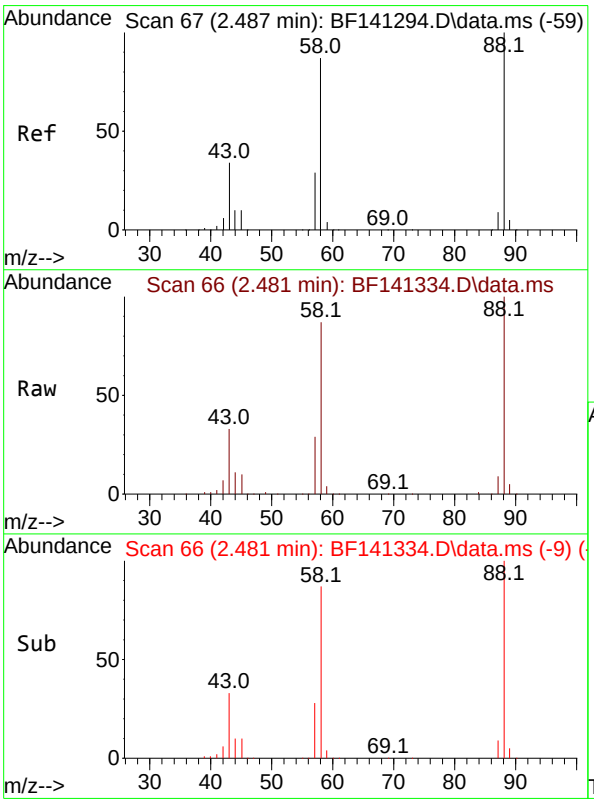
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 164970

Ion	Ratio	Lower	Upper
152	100		
150	160.0	125.9	188.9
115	63.7	49.7	74.5

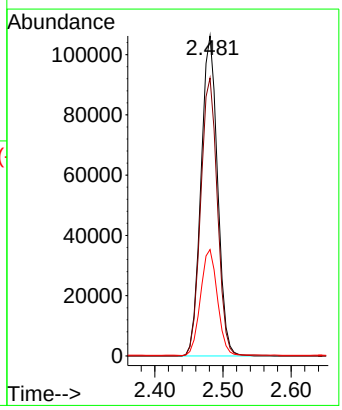


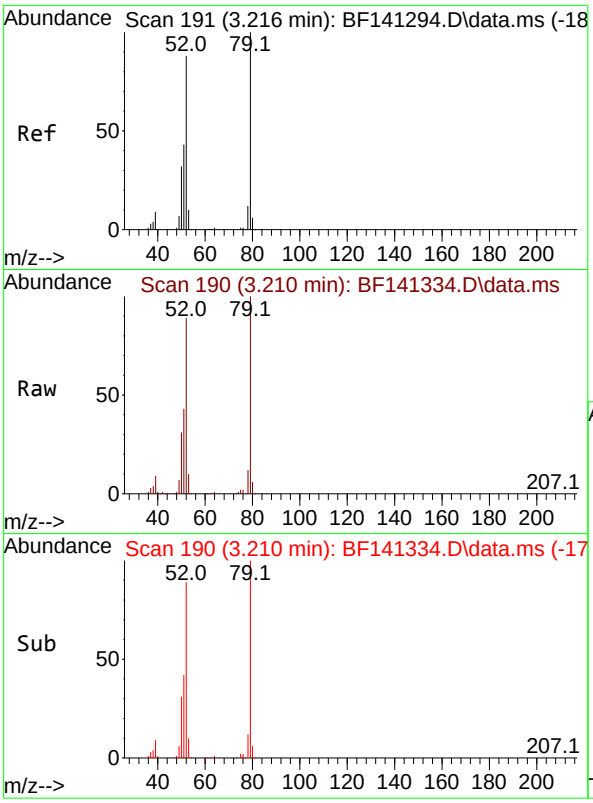


#2
1,4-Dioxane
Concen: 37.986 ng
RT: 2.481 min Scan# 66
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 88 Resp: 179518

Ion	Ratio	Lower	Upper
88	100		
58	87.2	70.2	105.4
43	33.7	27.6	41.4



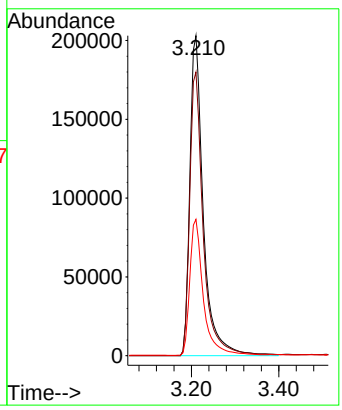


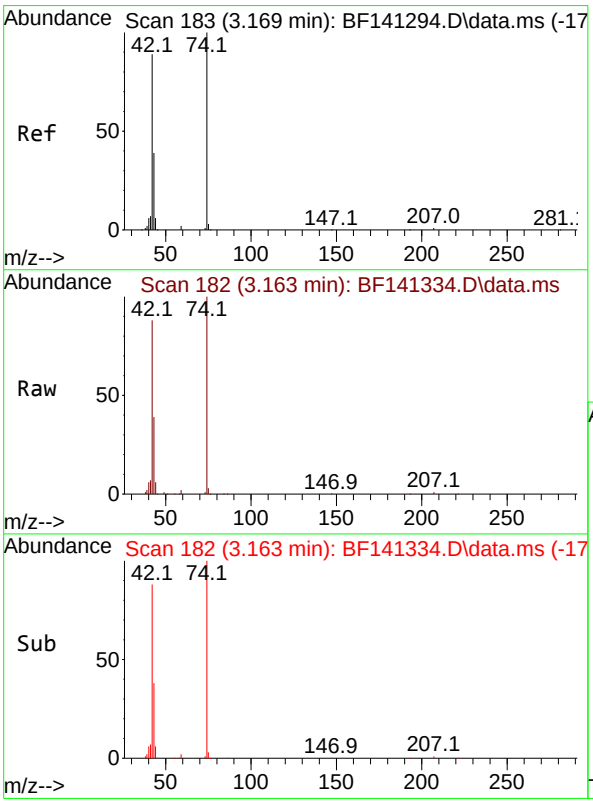
#3
Pyridine
Concen: 38.326 ng
RT: 3.210 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 436407

Ion	Ratio	Lower	Upper
79	100		
52	88.6	70.3	105.5
51	42.6	34.3	51.5

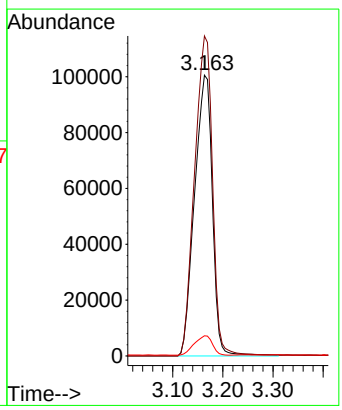


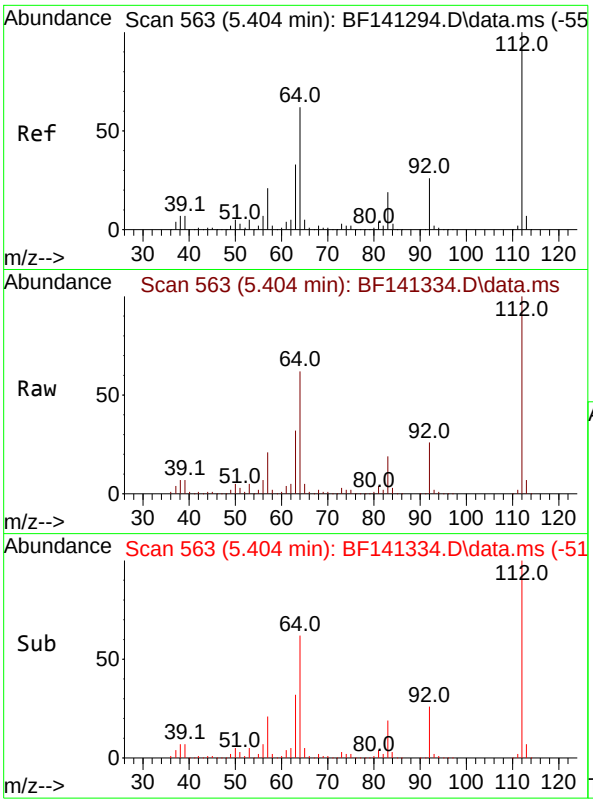


#4
n-Nitrosodimethylamine
Concen: 38.269 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.036 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 42 Resp: 248931

Ion	Ratio	Lower	Upper
42	100		
74	114.0	90.3	135.5
44	7.2	5.7	8.5



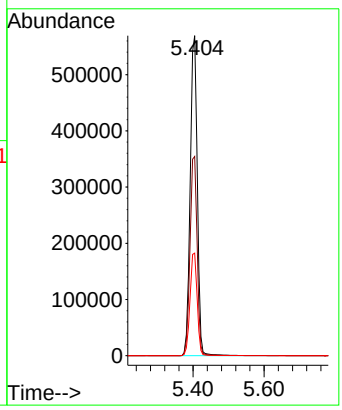


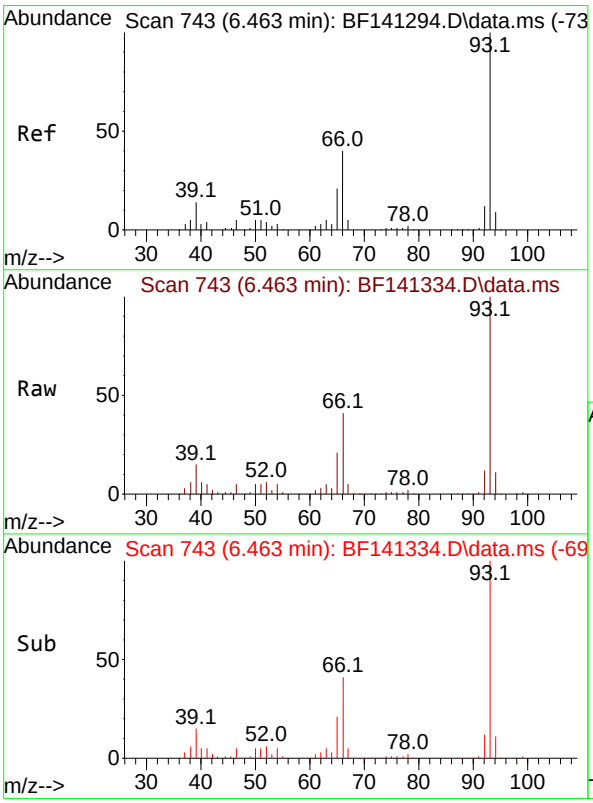
#5
2-Fluorophenol
Concen: 73.623 ng
RT: 5.404 min Scan# 5
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:112 Resp: 791139

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.8	74.8
63	32.1	26.1	39.1

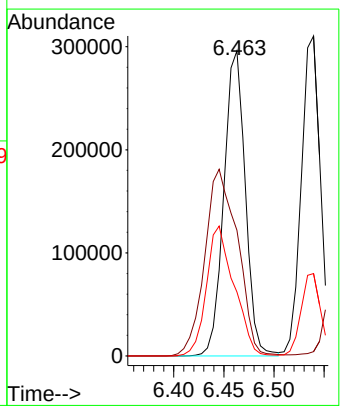


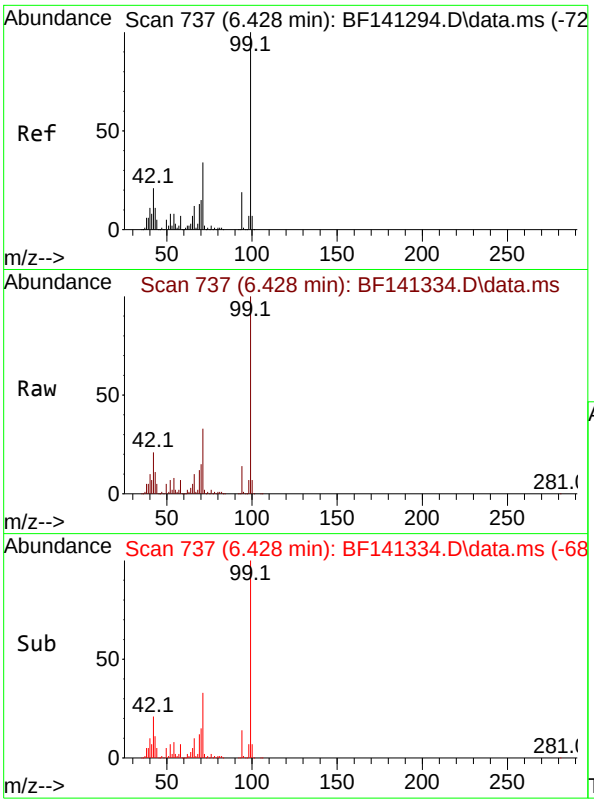


#6
Aniline
Concen: 38.018 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 439932

Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.5	48.7
65	21.0	17.0	25.6



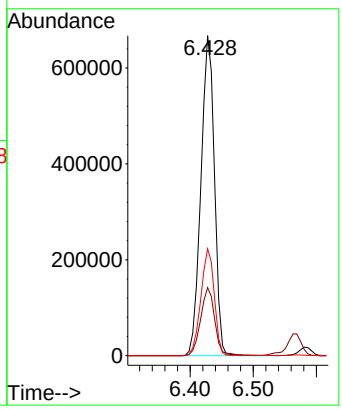


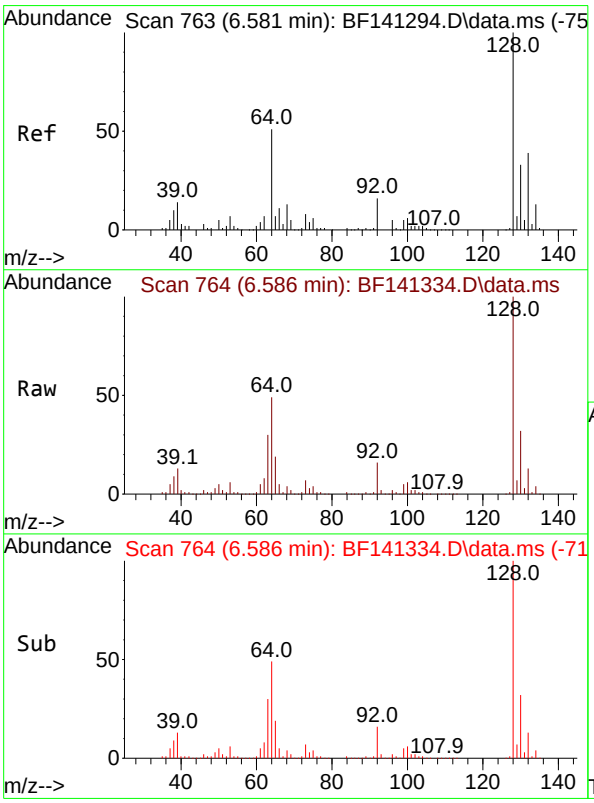
#7
Phenol-d6
Concen: 72.667 ng
RT: 6.428 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 993362

Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.1	25.7
71	33.4	26.9	40.3

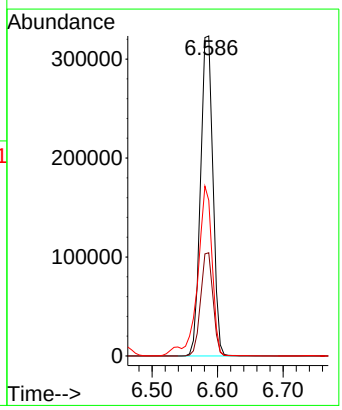


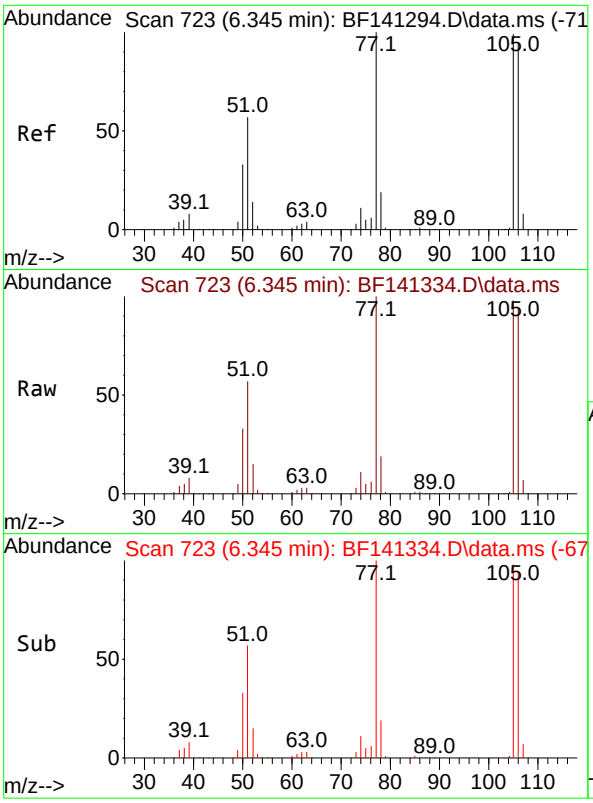


#8
2-Chlorophenol
Concen: 37.030 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:128 Resp: 426501

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	48.7	32.9	72.9



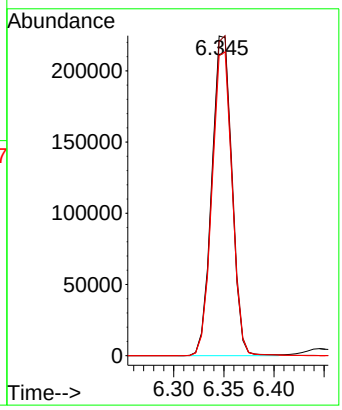


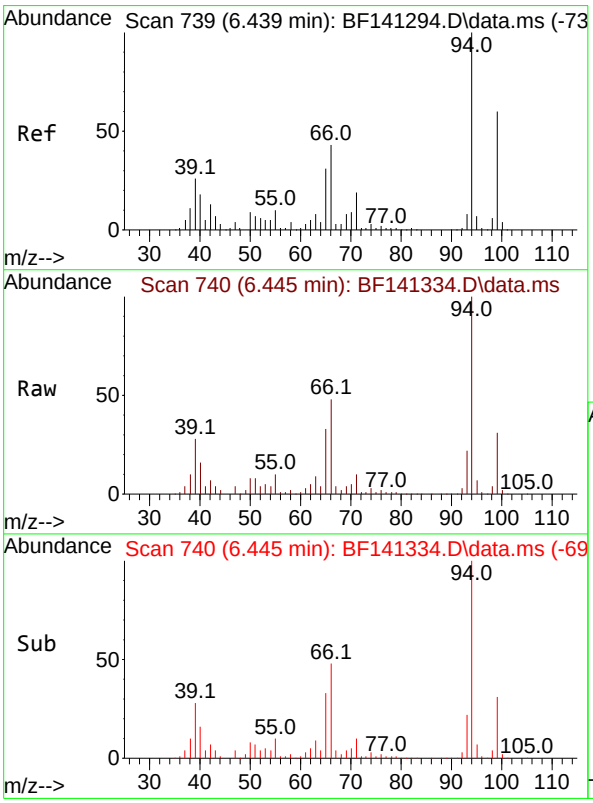
#9
Benzaldehyde
Concen: 39.268 ng
RT: 6.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 310932

Ion	Ratio	Lower	Upper
77	100		
105	98.3	79.4	119.4
106	93.9	74.6	114.6

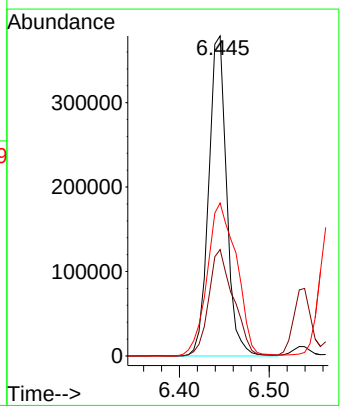


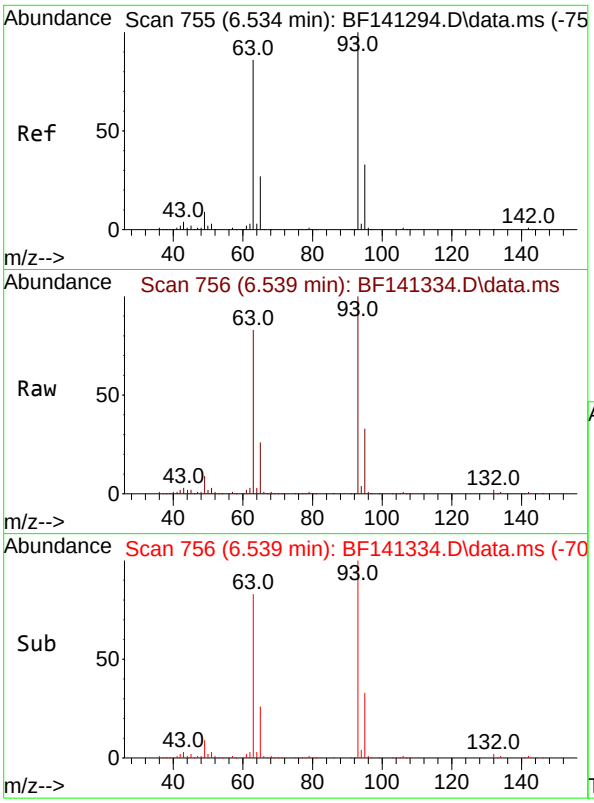


#10
Phenol
Concen: 36.397 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 94 Resp: 527421

Ion	Ratio	Lower	Upper
94	100		
65	33.3	10.8	50.8
66	47.8	23.3	63.3



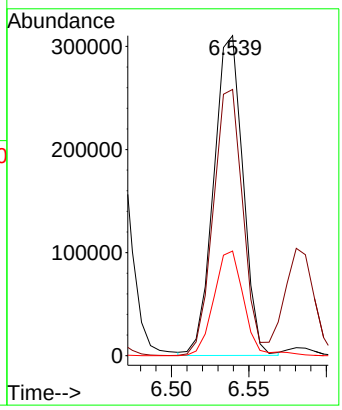


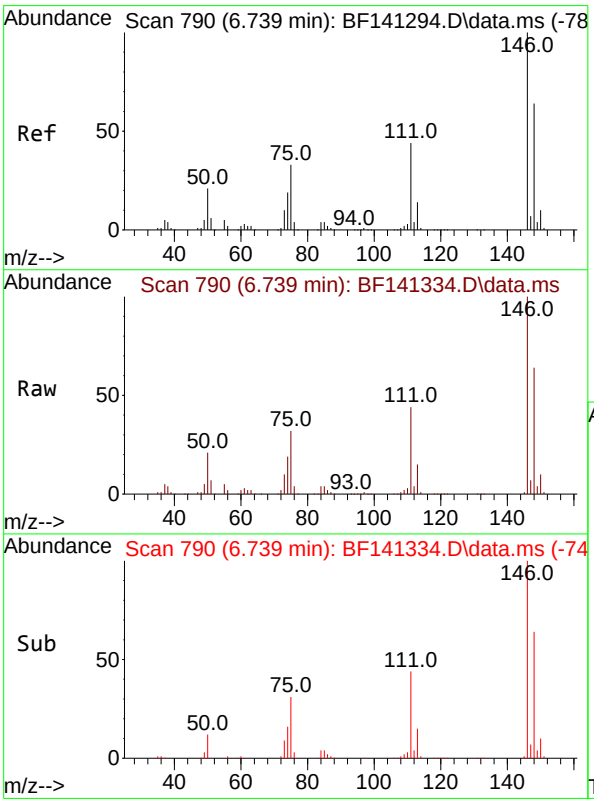
#11
bis(2-Chloroethyl)ether
Concen: 36.649 ng
RT: 6.539 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 93 Resp: 407197

Ion	Ratio	Lower	Upper
93	100		
63	83.2	65.0	105.0
95	32.7	12.4	52.4

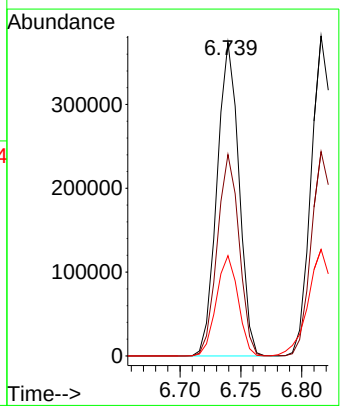


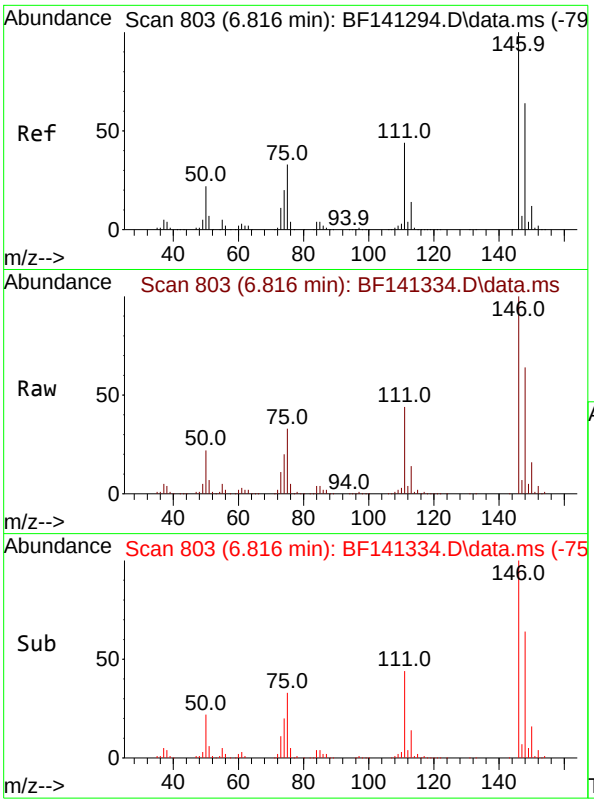


#12
1,3-Dichlorobenzene
Concen: 36.939 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 469100

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.2	76.8
75	32.0	26.2	39.4



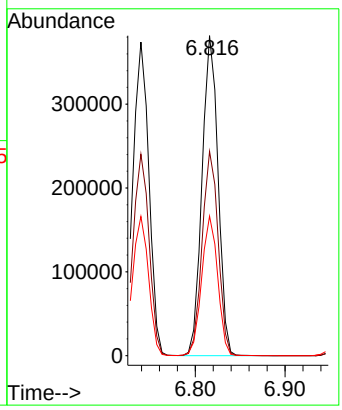


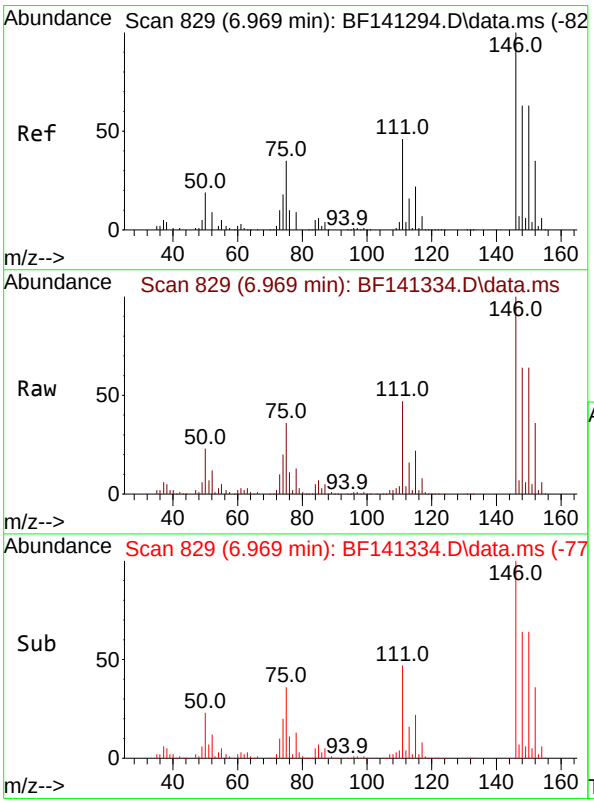
#13
1,4-Dichlorobenzene
Concen: 37.089 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 473169

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	43.6	35.0	52.4

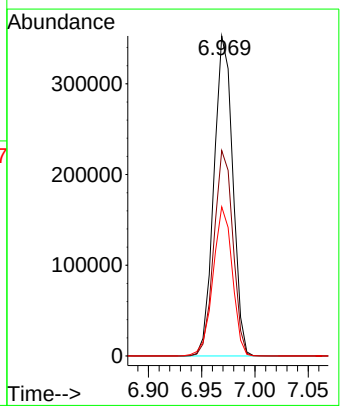


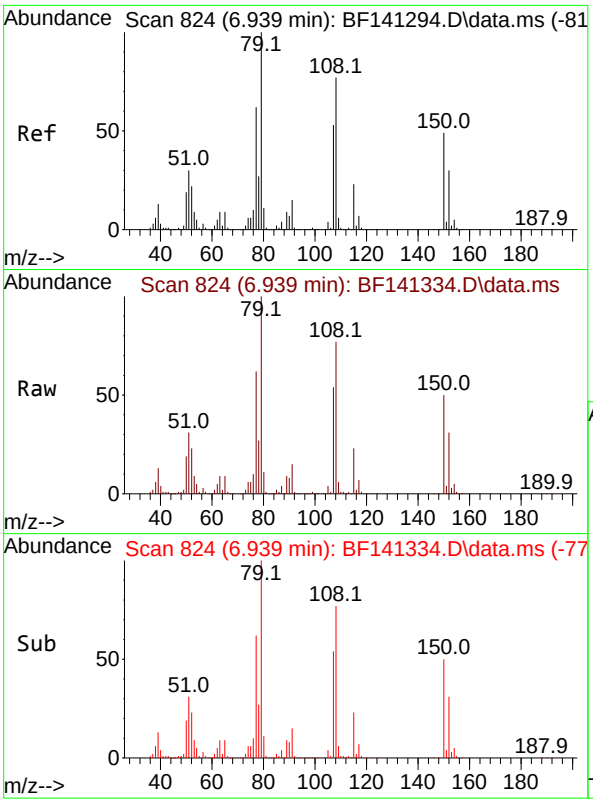


#14
1,2-Dichlorobenzene
Concen: 36.203 ng
RT: 6.969 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:146 Resp: 432488

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
111	46.6	36.6	55.0



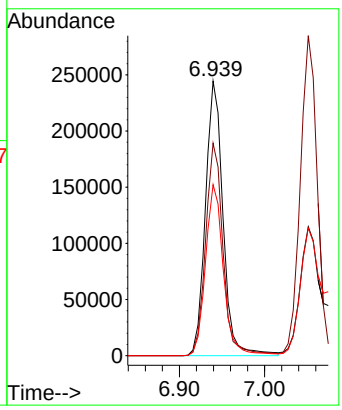


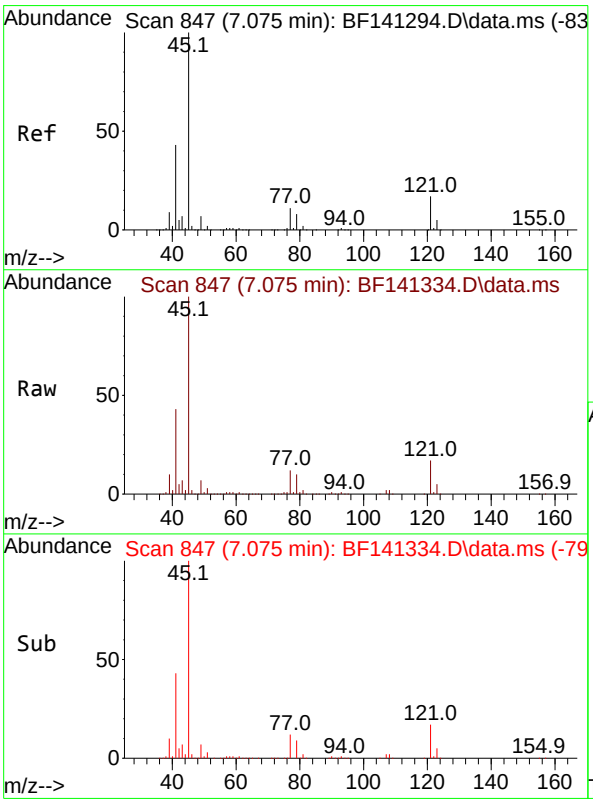
#15
Benzyl Alcohol
Concen: 37.479 ng
RT: 6.939 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 350130

Ion	Ratio	Lower	Upper
79	100		
108	77.4	61.4	92.0
77	62.3	49.9	74.9

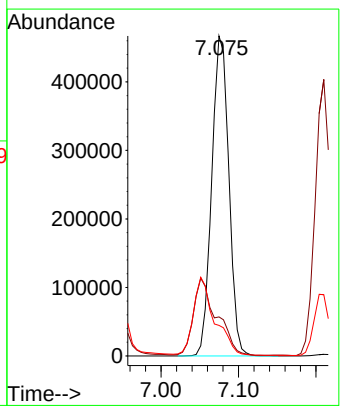


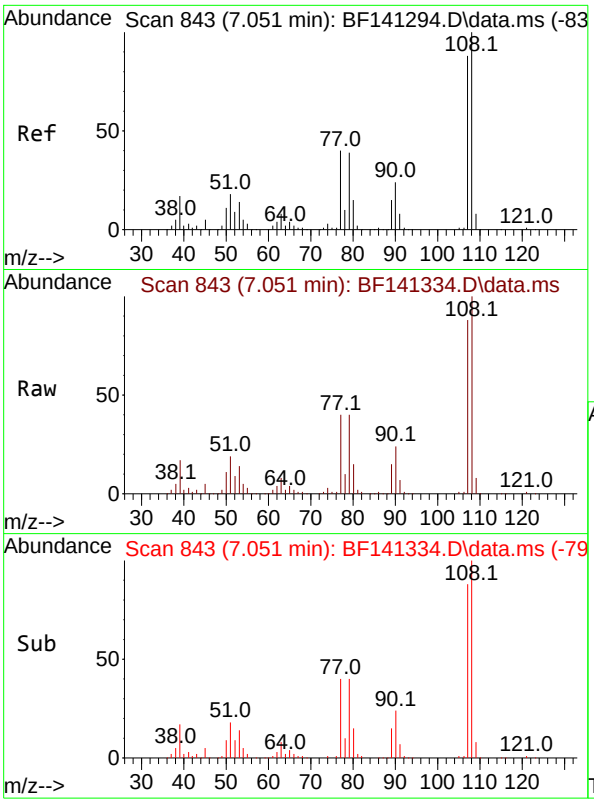


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.050 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 45 Resp: 715839

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	31.8
79	9.5	0.0	29.1



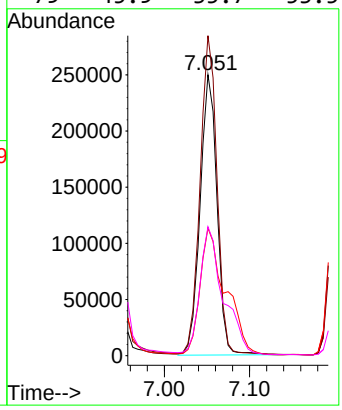


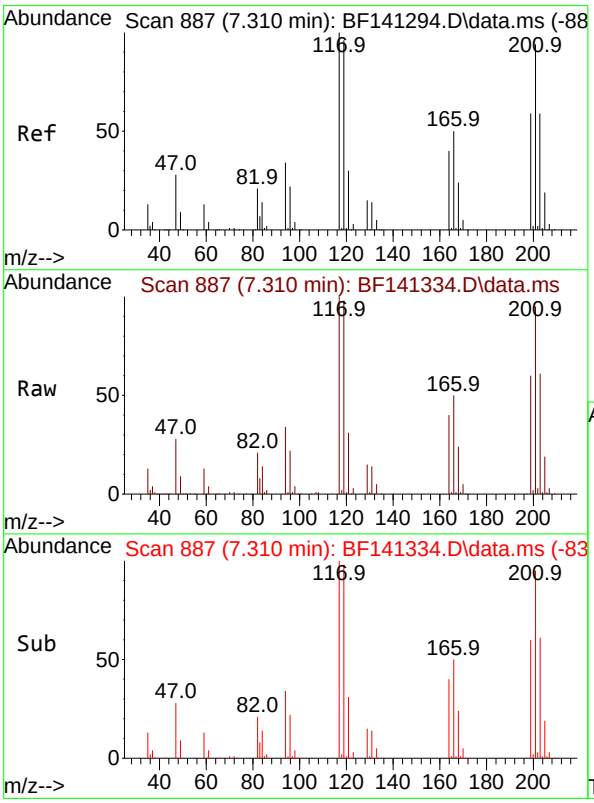
#17
2-Methylphenol
Concen: 36.801 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:107 Resp: 344483

Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.8	136.2
77	45.4	36.2	54.4
79	45.9	35.7	53.5

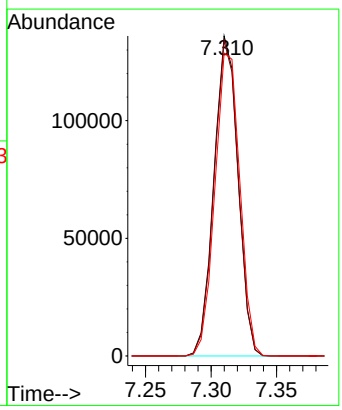


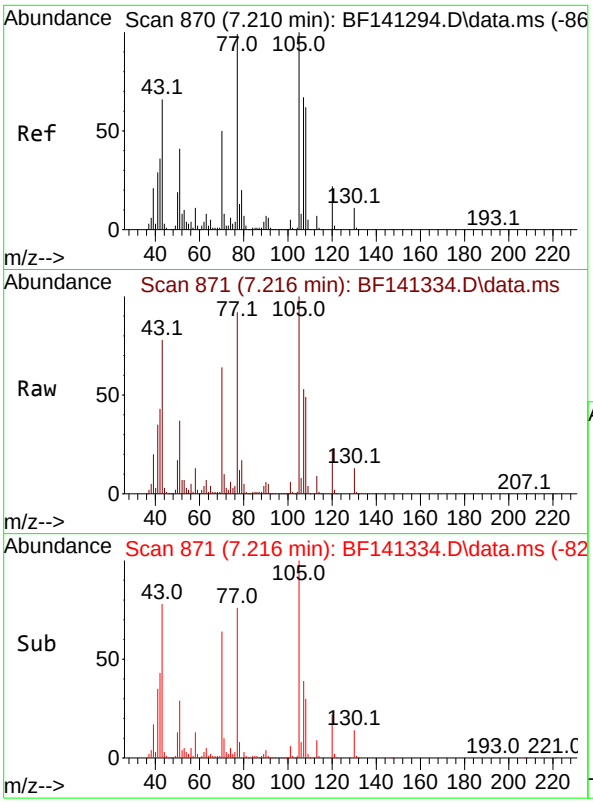


#18
Hexachloroethane
Concen: 36.943 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:117 Resp: 173871

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.6	114.8
201	94.7	74.8	112.2



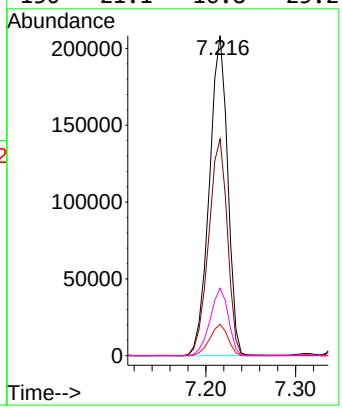


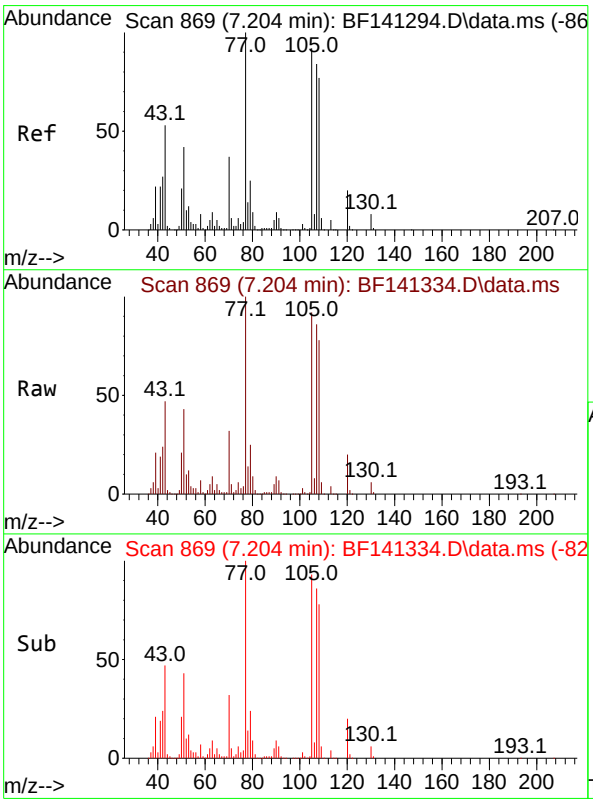
#19
n-Nitroso-di-n-propylamine
Concen: 36.368 ng
RT: 7.216 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 295405

Ion	Ratio	Lower	Upper
70	100		
42	67.7	56.8	85.2
101	9.8	7.7	11.5
130	21.1	16.8	25.2

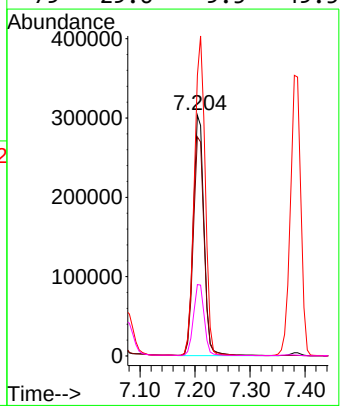


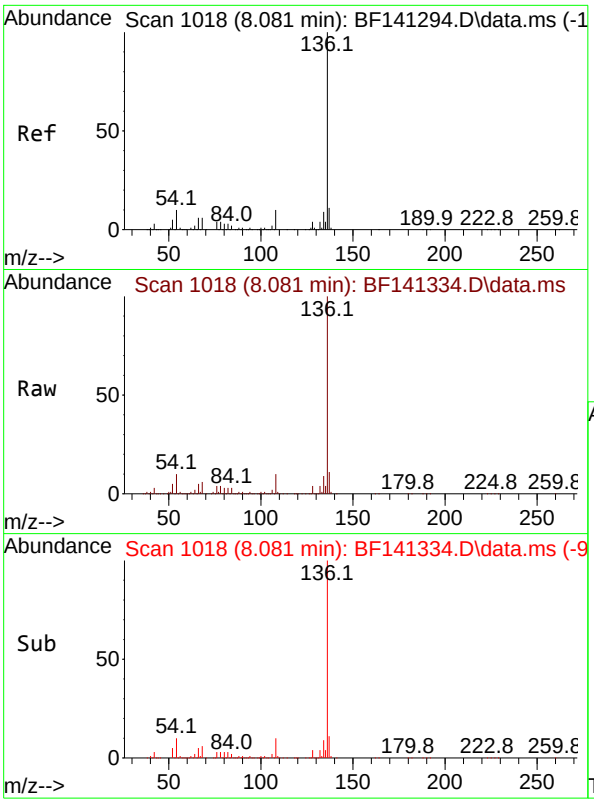


#20
3+4-Methylphenols
Concen: 35.761 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 411022

Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.9	110.9
77	116.6	98.5	138.5
79	29.6	9.5	49.5



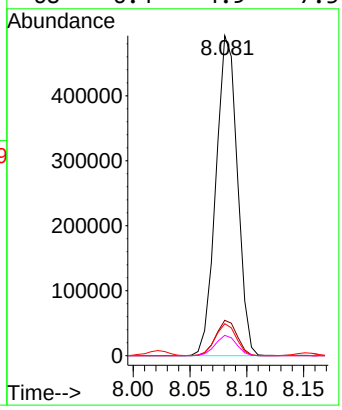


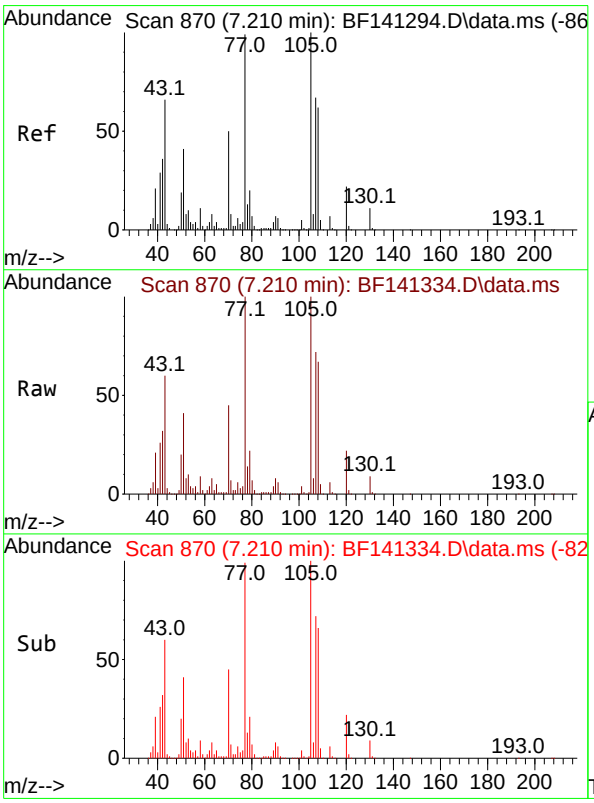
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:136 Resp: 647909

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.0	7.8	11.8
68	6.4	4.9	7.3

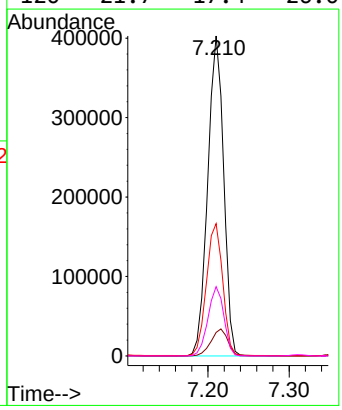


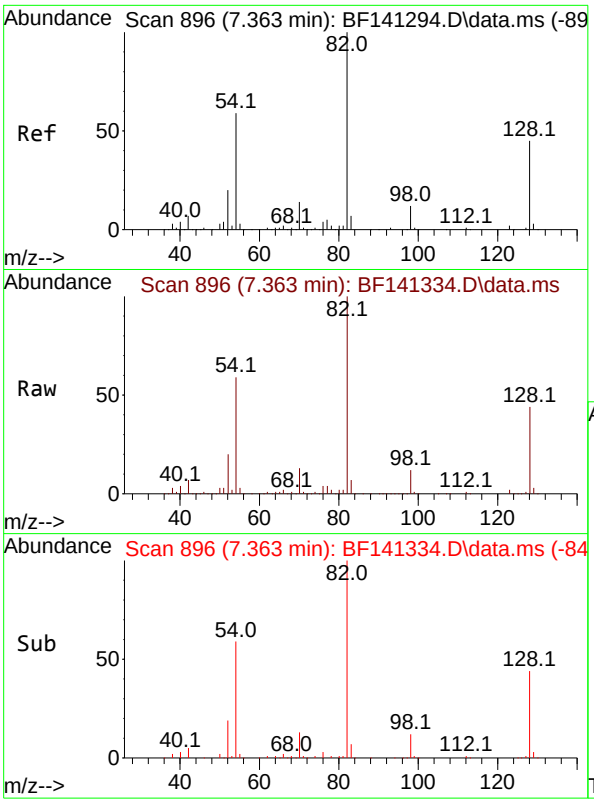


#22
Acetophenone
Concen: 35.637 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:105 Resp: 548834

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.8	10.2
51	41.3	32.6	49.0
120	21.7	17.4	26.0



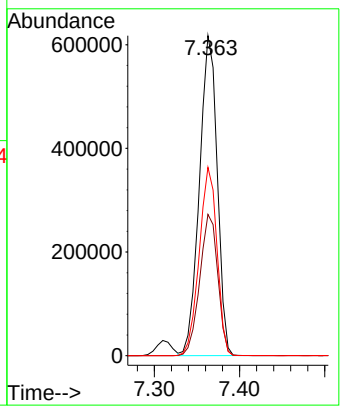


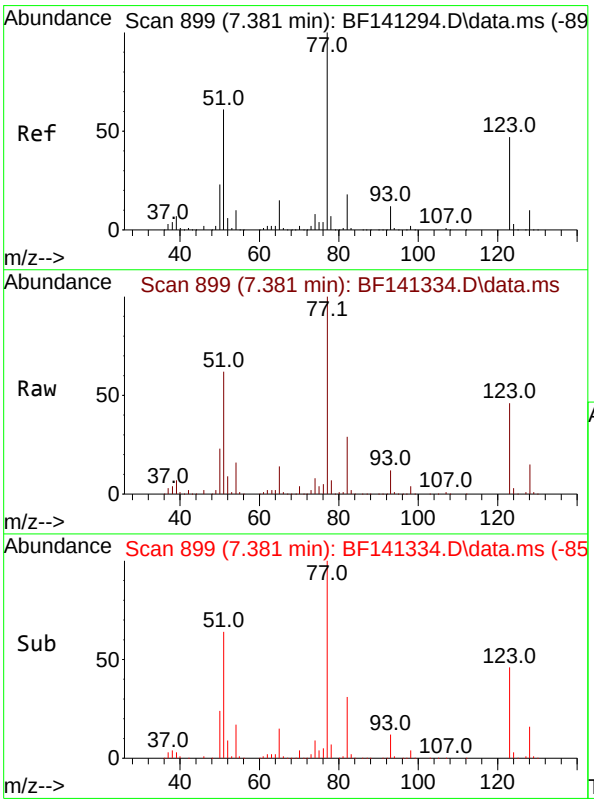
#23
Nitrobenzene-d5
Concen: 72.918 ng
RT: 7.363 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 896200

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.8	47.1	70.7

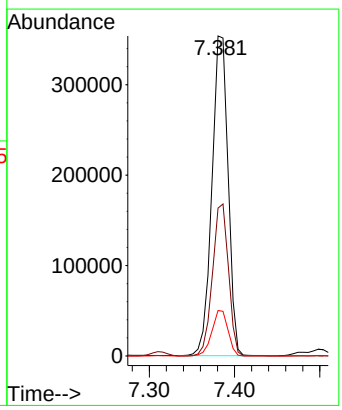


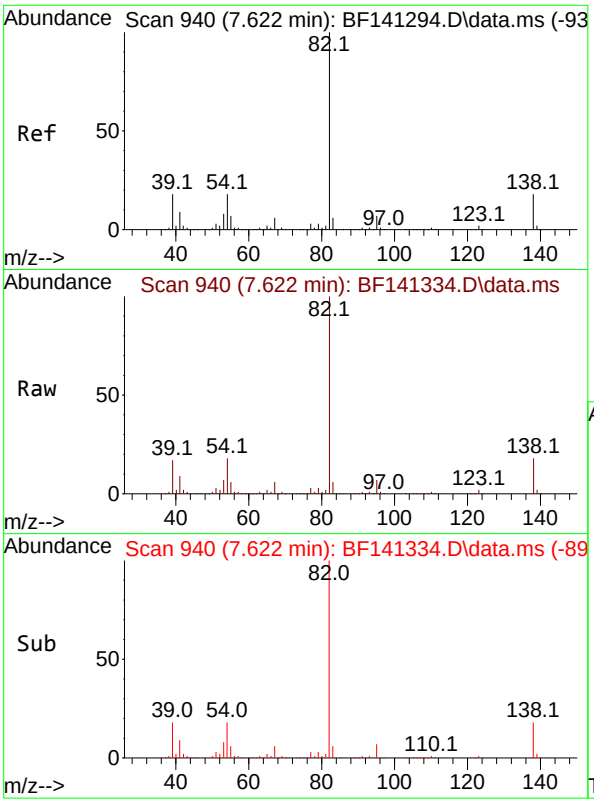


#24
Nitrobenzene
Concen: 36.727 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 77 Resp: 467777

Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.3	55.9
65	14.2	11.8	17.6



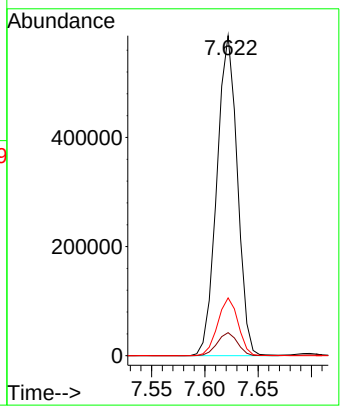


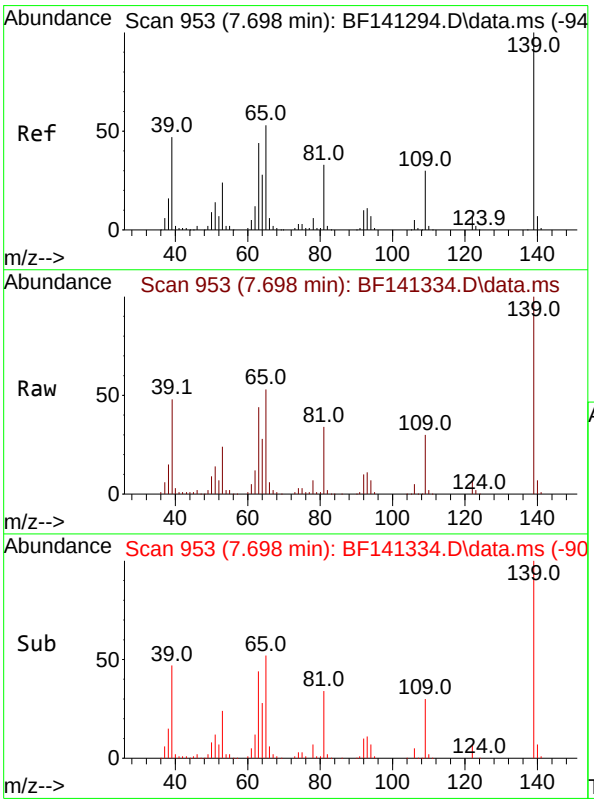
#25
Isophorone
Concen: 36.952 ng
RT: 7.622 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 82 Resp: 785054

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.1	14.7	22.1

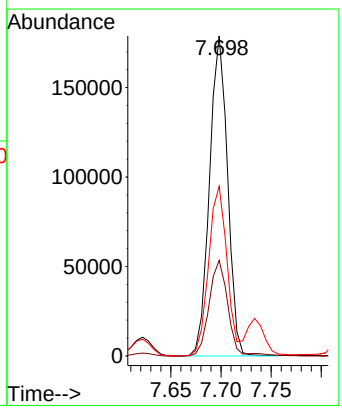


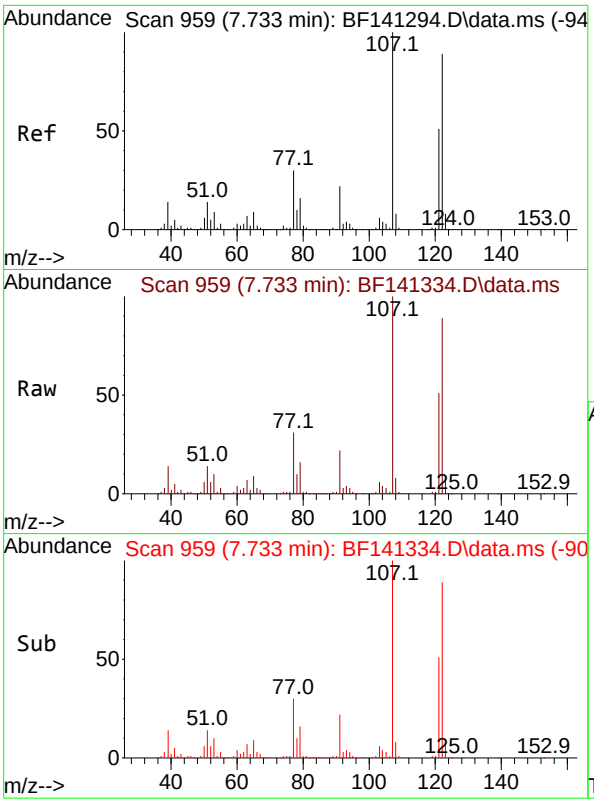


#26
2-Nitrophenol
Concen: 37.318 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 224162

Ion	Ratio	Lower	Upper
139	100		
109	29.9	23.8	35.6
65	53.0	42.2	63.4



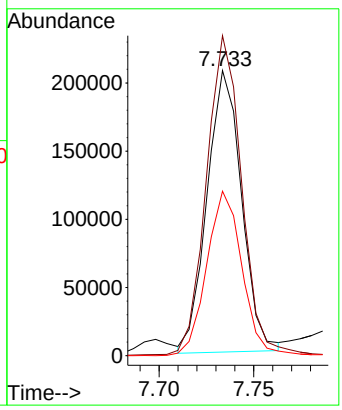


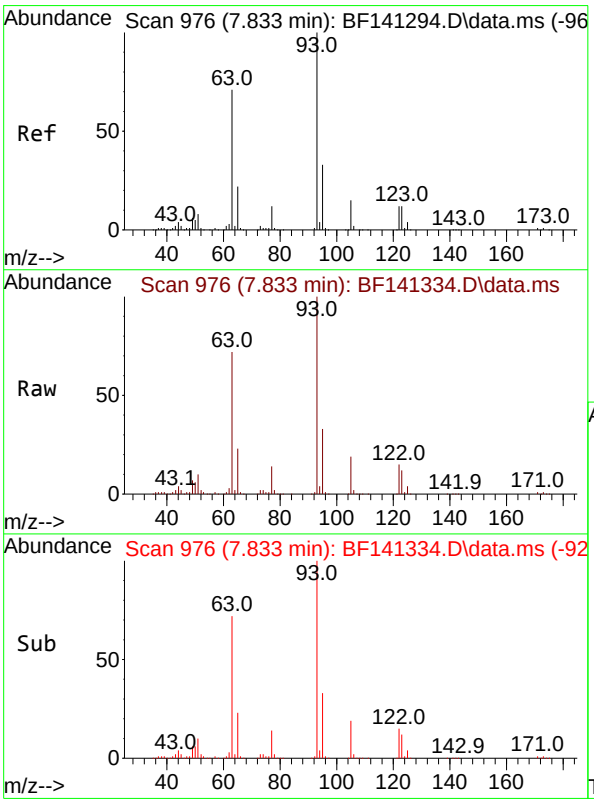
#27
2,4-Dimethylphenol
Concen: 34.300 ng
RT: 7.733 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:122 Resp: 262245

Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.9	134.9
121	57.7	46.1	69.1

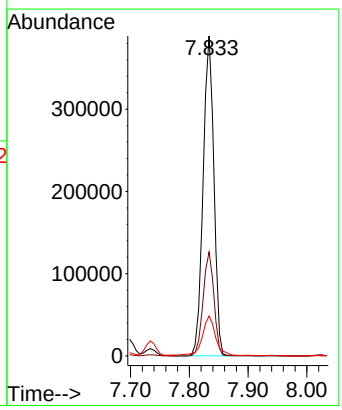


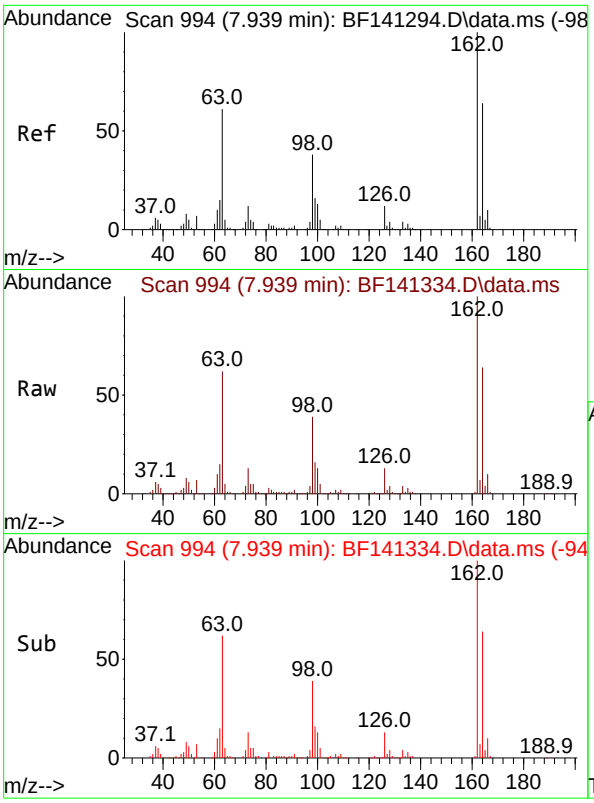


#28
bis(2-Chloroethoxy)methane
Concen: 36.489 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 93 Resp: 494480

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.2
123	12.5	10.2	15.4



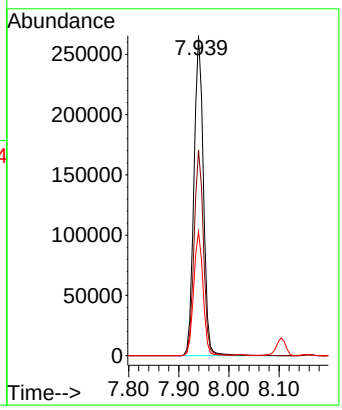


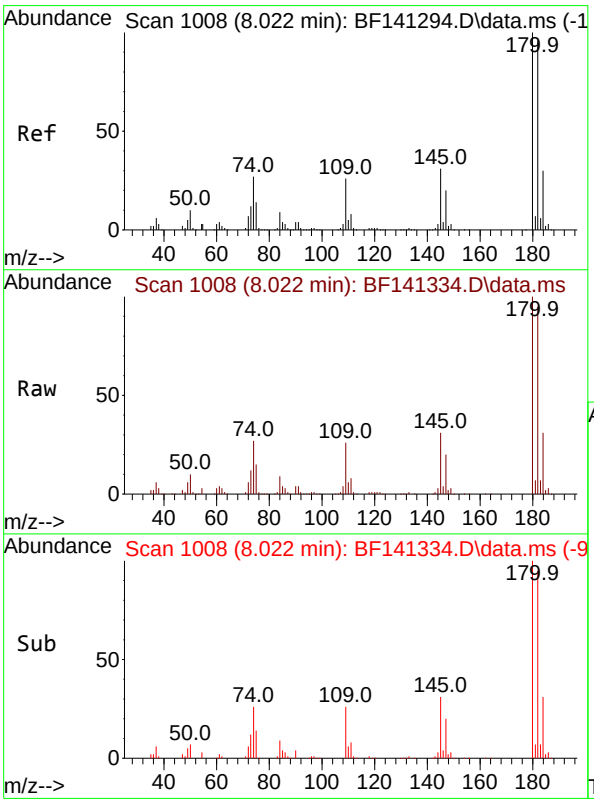
#29
2,4-Dichlorophenol
Concen: 37.008 ng
RT: 7.939 min Scan# 9
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 346397

Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	38.8	18.2	58.2

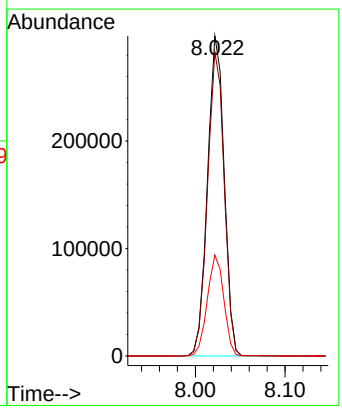


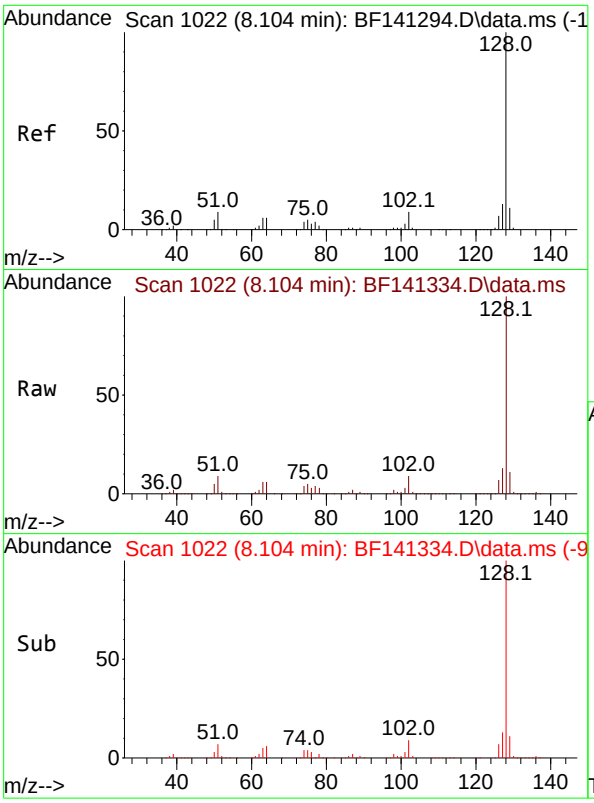


#30
1,2,4-Trichlorobenzene
Concen: 36.030 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:180 Resp: 385139

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	31.5	24.9	37.3



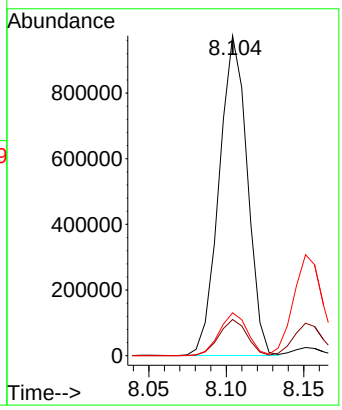


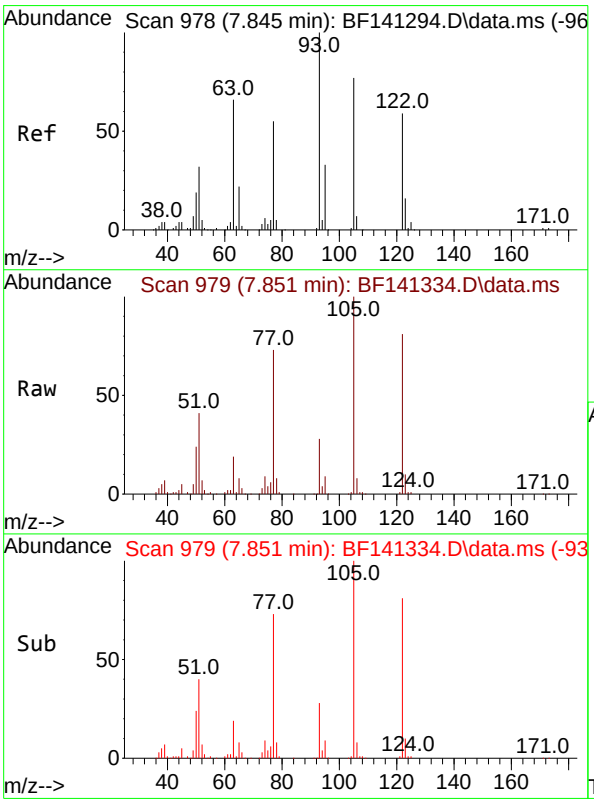
#31
Naphthalene
Concen: 35.989 ng
RT: 8.104 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1231790

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.4	10.6	15.8

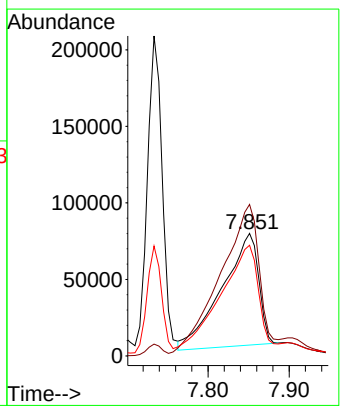


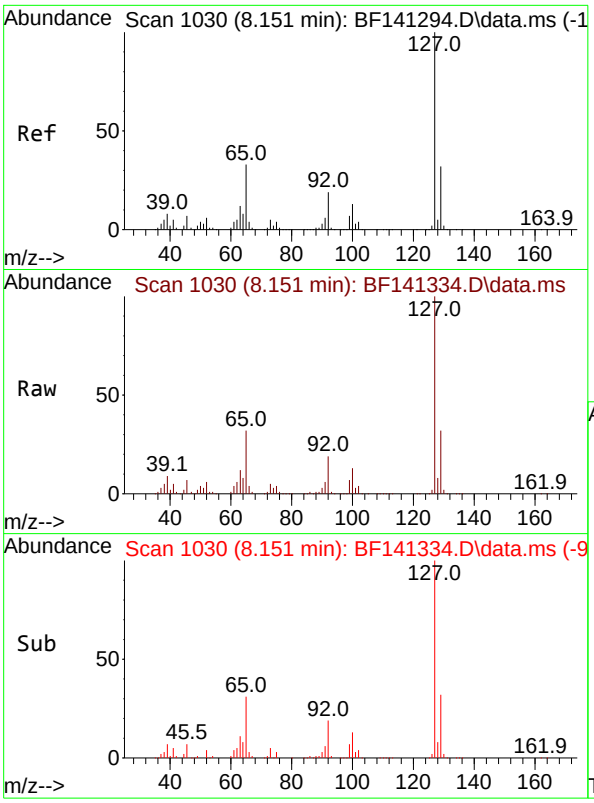


#32
Benzoic acid
Concen: 32.621 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.030 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:122 Resp: 229274

Ion	Ratio	Lower	Upper
122	100		
105	123.7	103.4	143.4
77	90.4	70.9	110.9



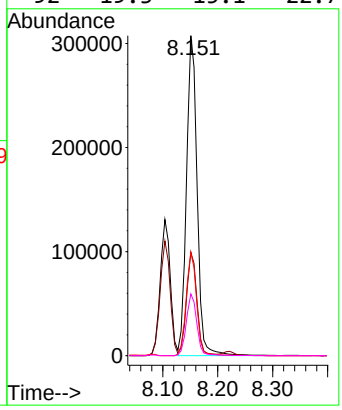


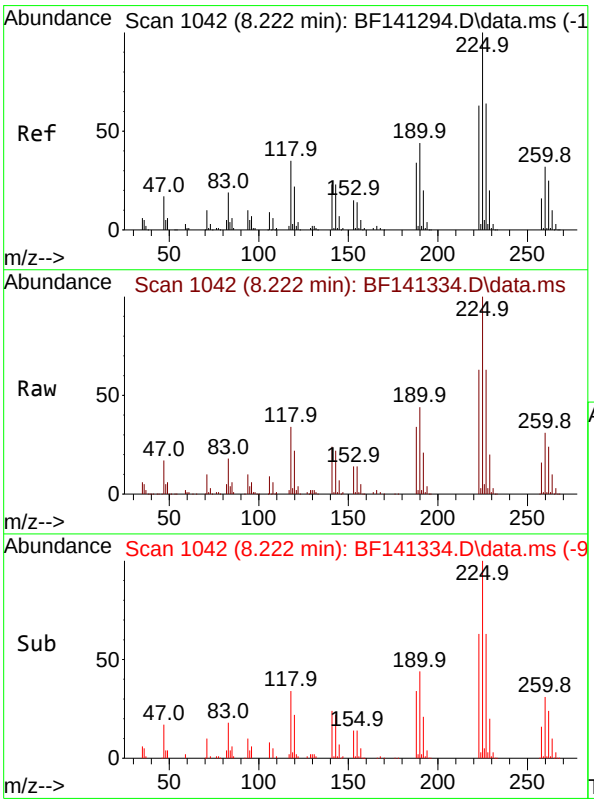
#33
4-Chloroaniline
Concen: 35.481 ng
RT: 8.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:127 Resp: 411817

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	32.4	26.4	39.6
92	19.3	15.1	22.7

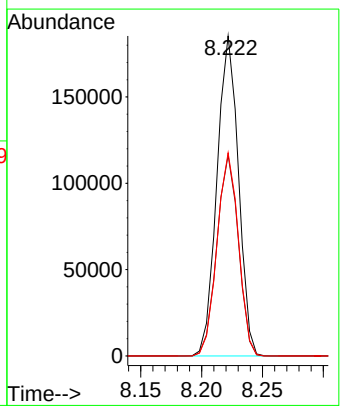


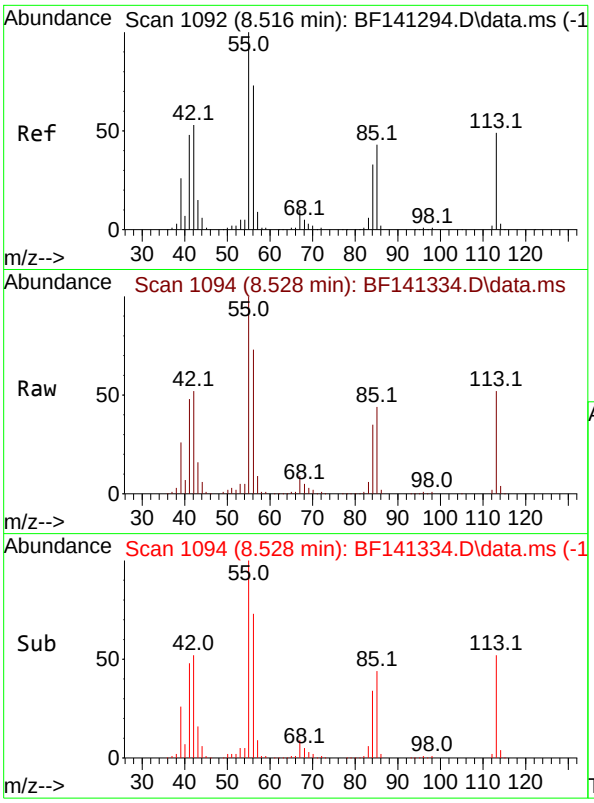


#34
Hexachlorobutadiene
Concen: 36.308 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:225 Resp: 227599

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.4	75.6
227	63.5	51.3	76.9



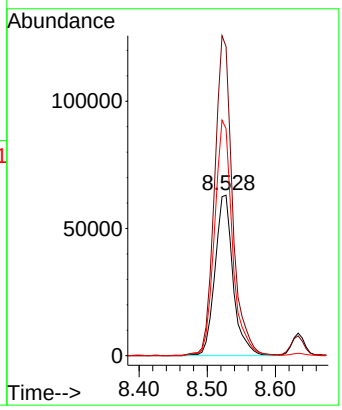


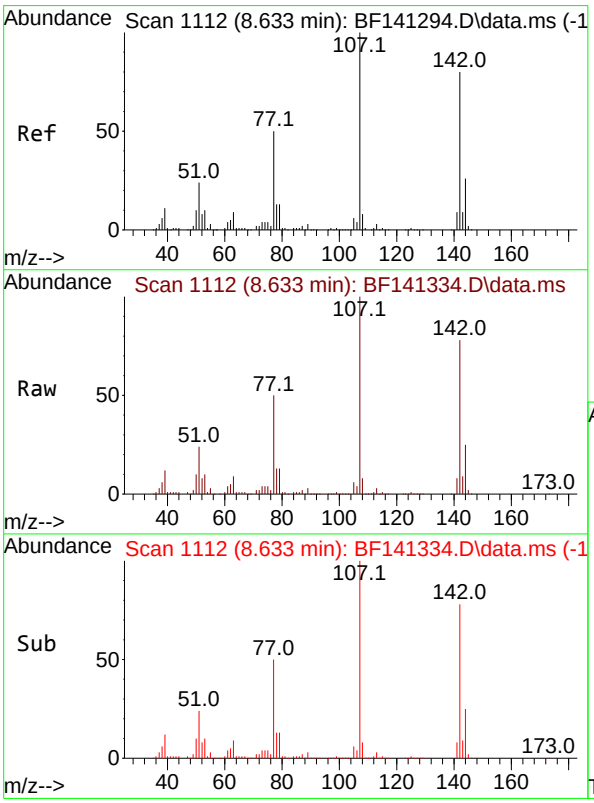
#35
Caprolactam
Concen: 38.166 ng
RT: 8.528 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:113 Resp: 116667

Ion	Ratio	Lower	Upper
113	100		
55	192.5	182.9	222.9
56	141.4	127.9	167.9

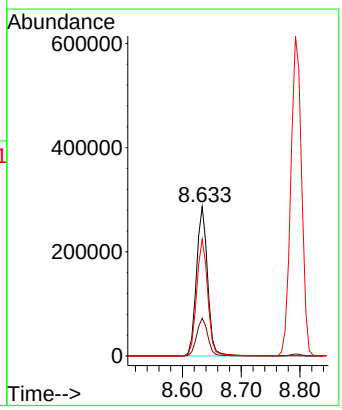


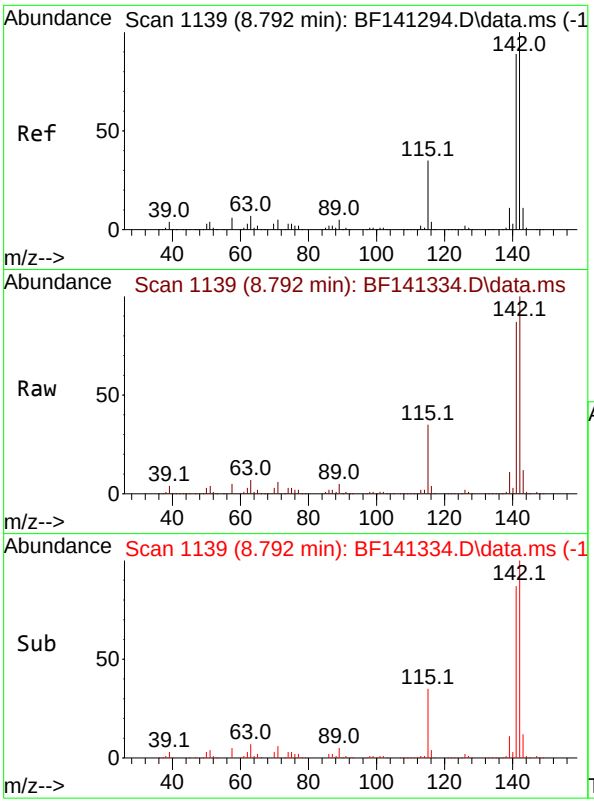


#36
4-Chloro-3-methylphenol
Concen: 37.503 ng
RT: 8.633 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:107 Resp: 376529

Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.7	31.1
142	78.3	63.8	95.8



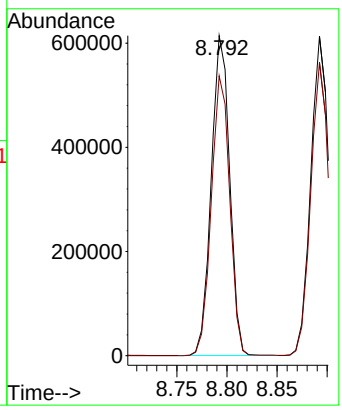


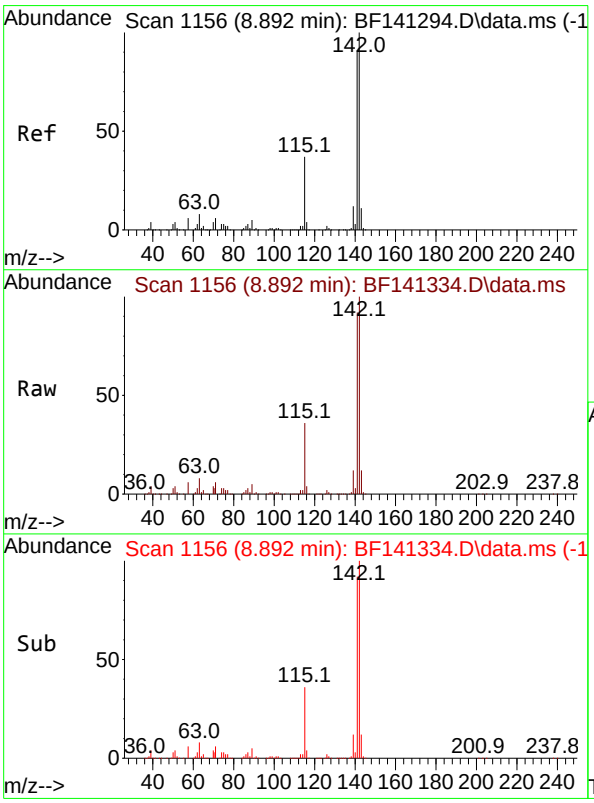
#37
2-Methylnaphthalene
Concen: 35.969 ng
RT: 8.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 782487

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9

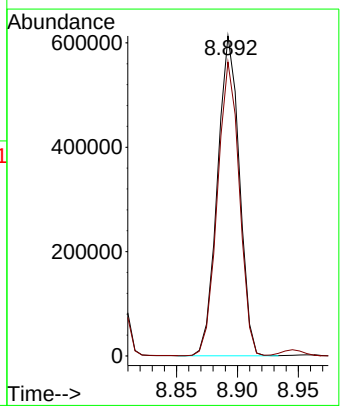


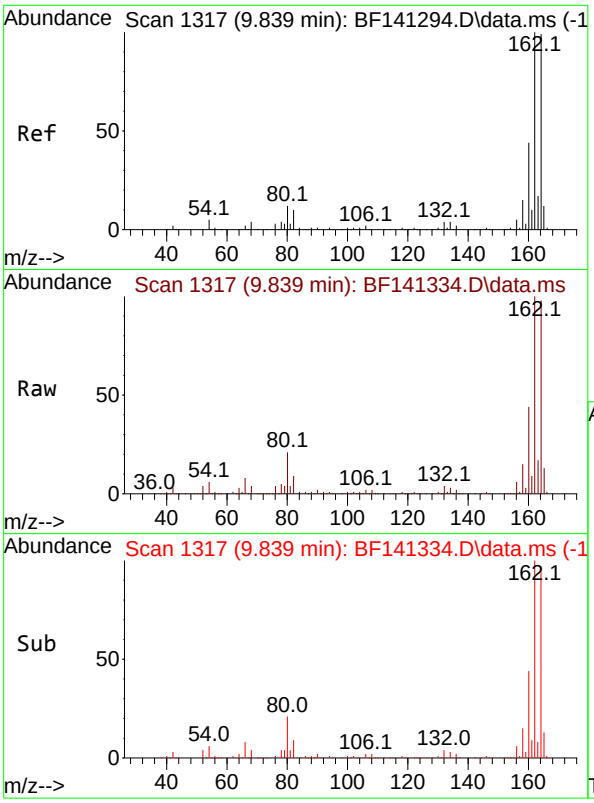


#38
1-Methylnaphthalene
Concen: 35.916 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:142 Resp: 767501

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8



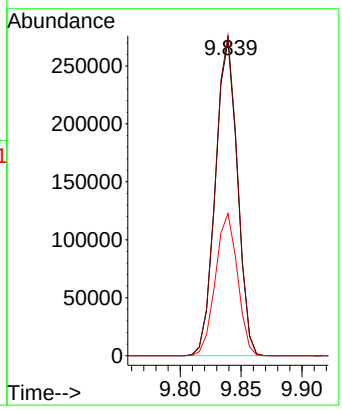


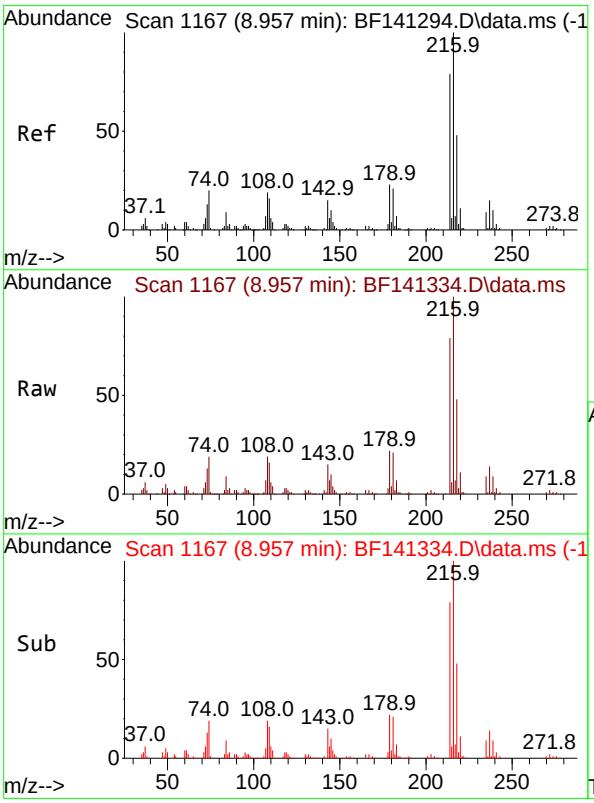
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:164 Resp: 341541

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	121.0
160	45.1	35.8	53.6

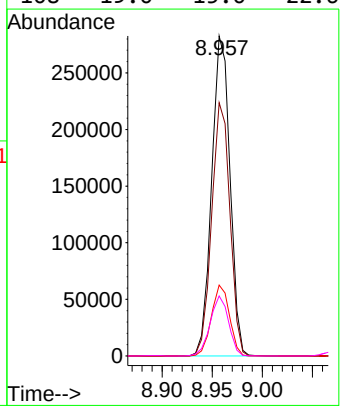


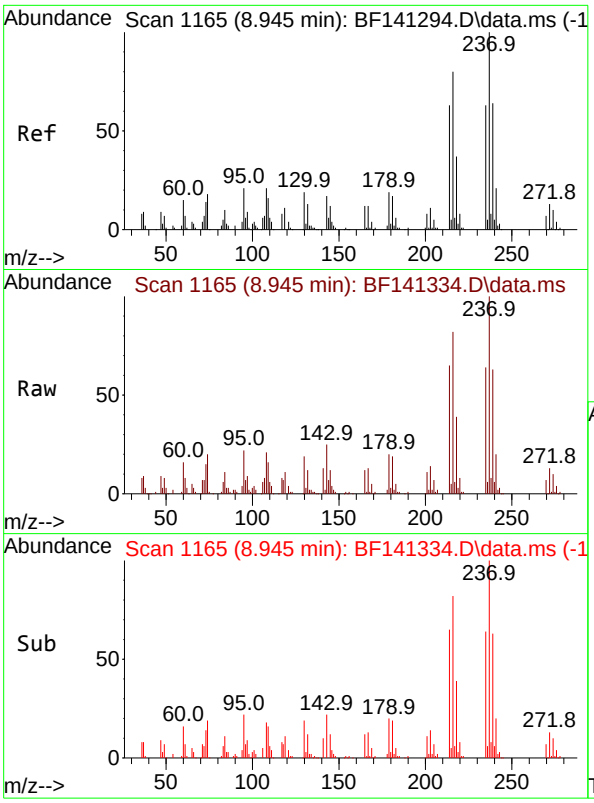


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.817 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:216 Resp: 357735

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	21.9	17.8	26.8
108	19.0	15.0	22.6



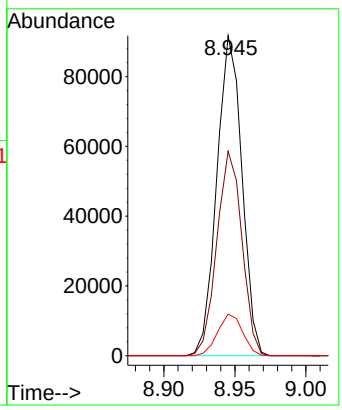


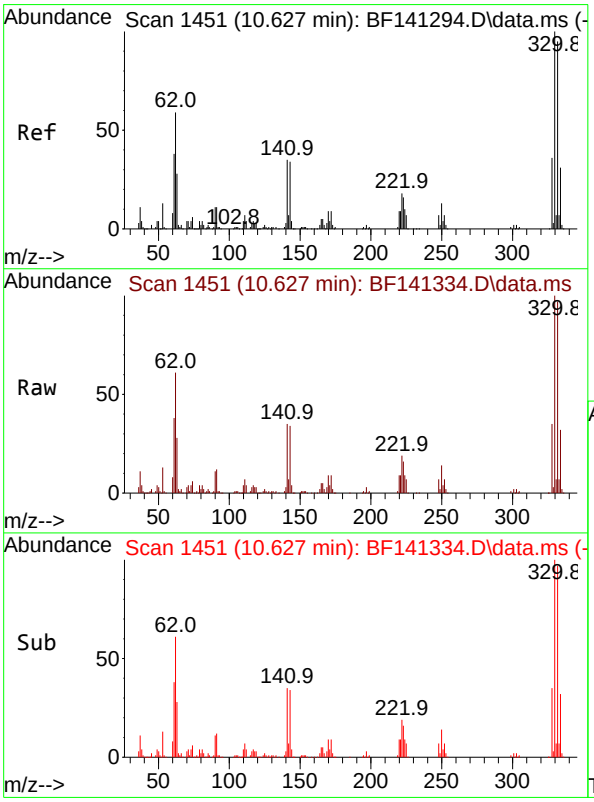
#41
Hexachlorocyclopentadiene
Concen: 39.297 ng
RT: 8.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:237 Resp: 112765

Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.9	82.9
272	13.0	0.0	32.8

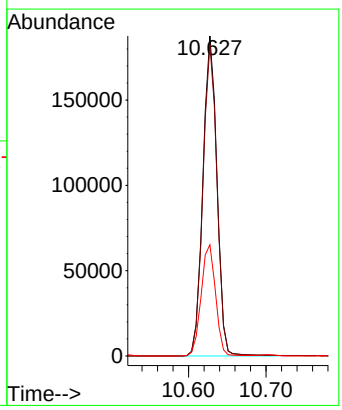


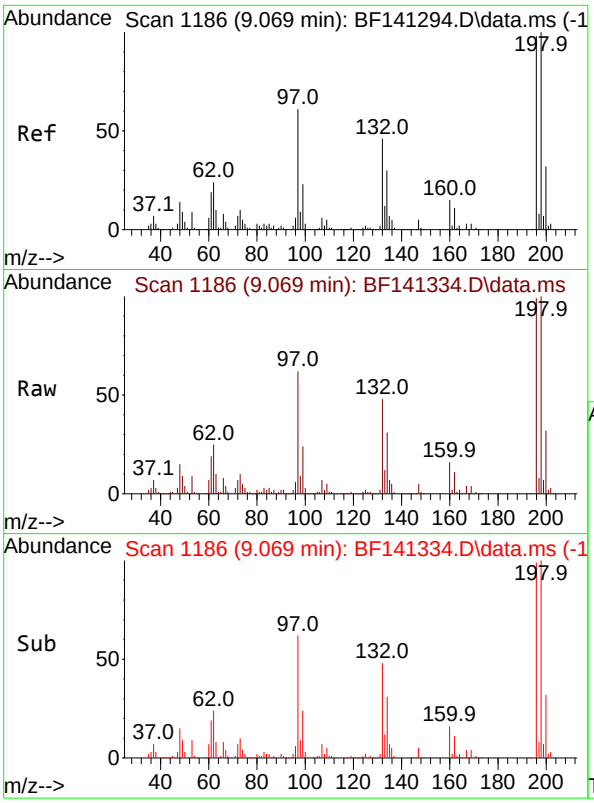


#42
2,4,6-Tribromophenol
Concen: 75.335 ng
RT: 10.627 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:330 Resp: 235886

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.1	114.1
141	35.7	28.8	43.2



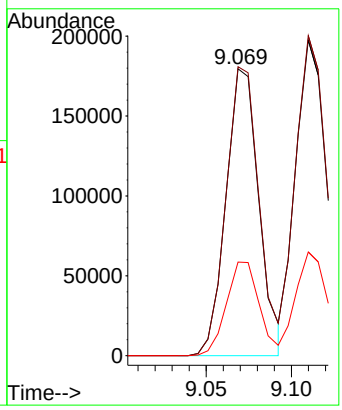


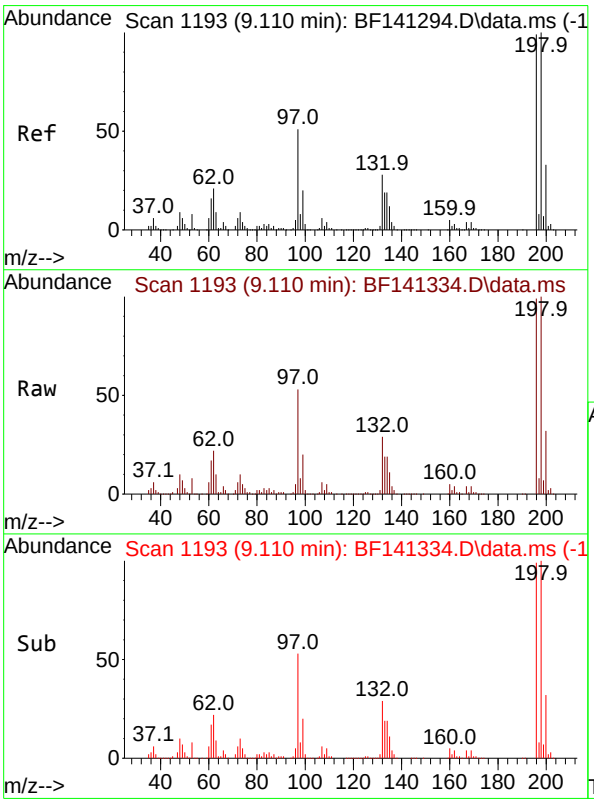
#43
2,4,6-Trichlorophenol
Concen: 38.014 ng
RT: 9.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:196 Resp: 241760

Ion	Ratio	Lower	Upper
196	100		
198	100.7	81.8	122.6
200	32.6	26.3	39.5

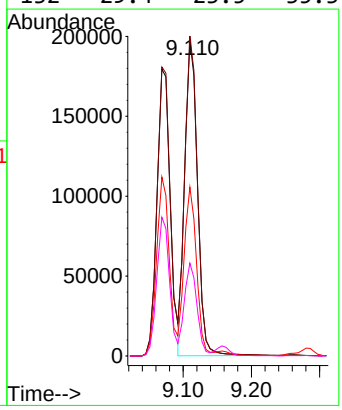


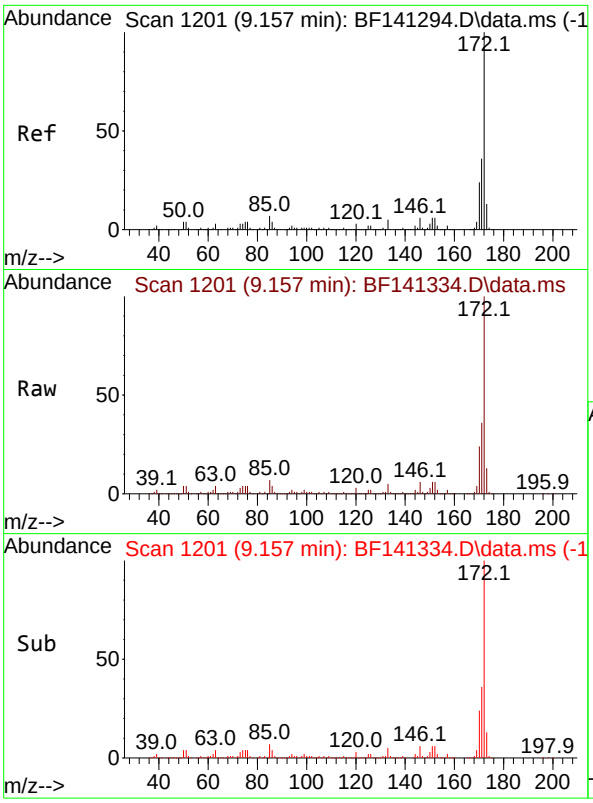


#44
2,4,5-Trichlorophenol
Concen: 37.124 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:196 Resp: 256970

Ion	Ratio	Lower	Upper
196	100		
198	101.4	80.5	120.7
97	53.5	42.8	64.2
132	29.4	23.5	35.3



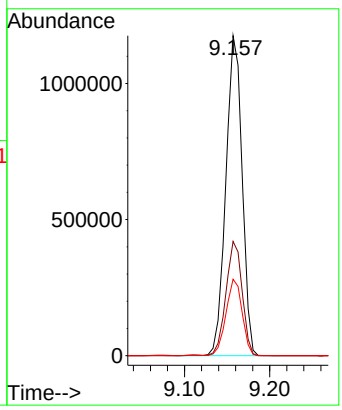


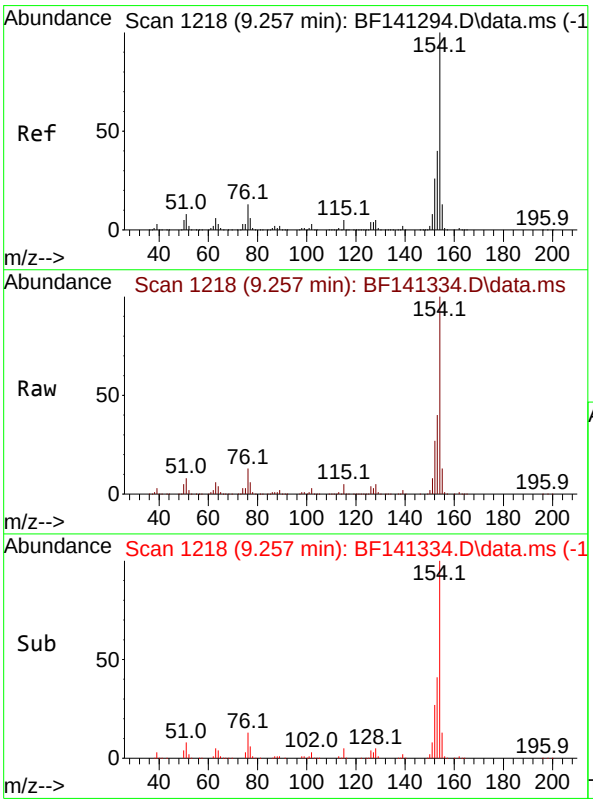
#45
2-Fluorobiphenyl
Concen: 70.424 ng
RT: 9.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1562690

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.9	19.0	28.6

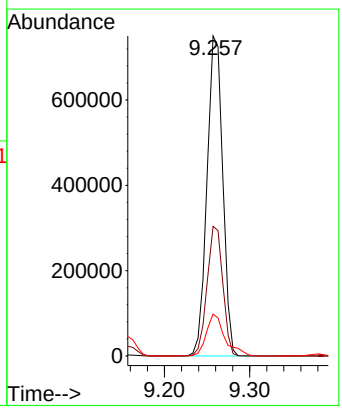


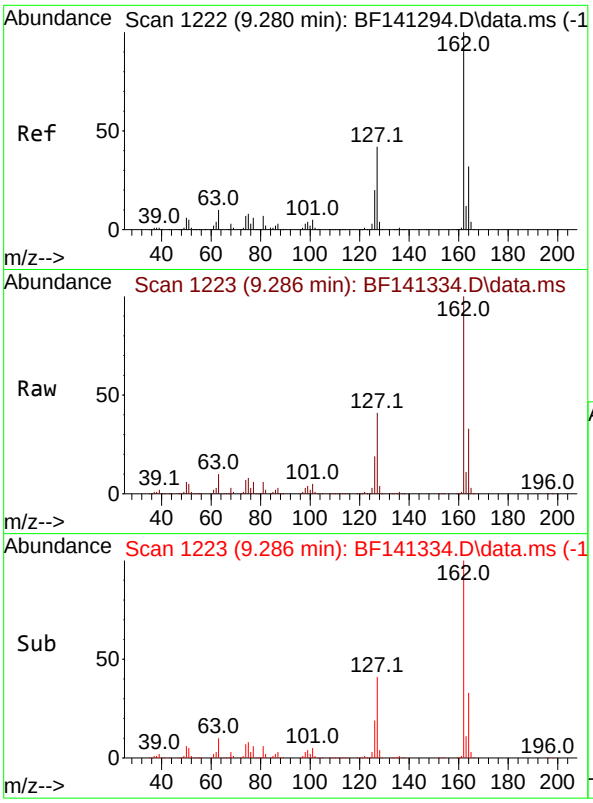


#46
1,1'-Biphenyl
Concen: 36.082 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 961081

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.0	60.0
76	13.1	0.0	32.8



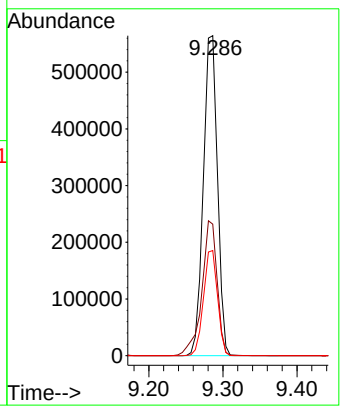


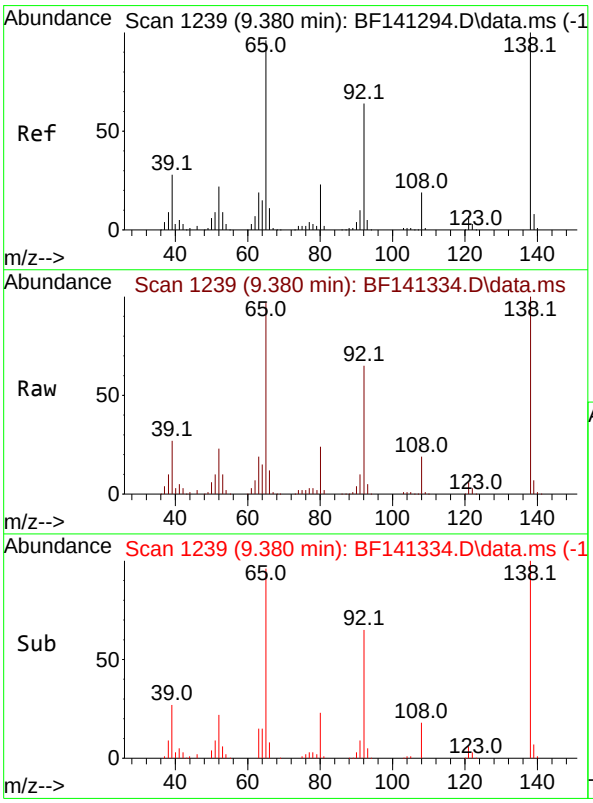
#47
2-Chloronaphthalene
Concen: 36.046 ng
RT: 9.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:162 Resp: 748367

Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.7	50.5
164	32.8	25.9	38.9

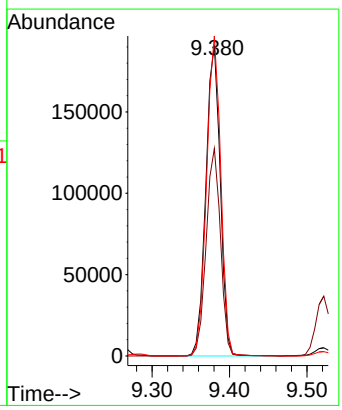


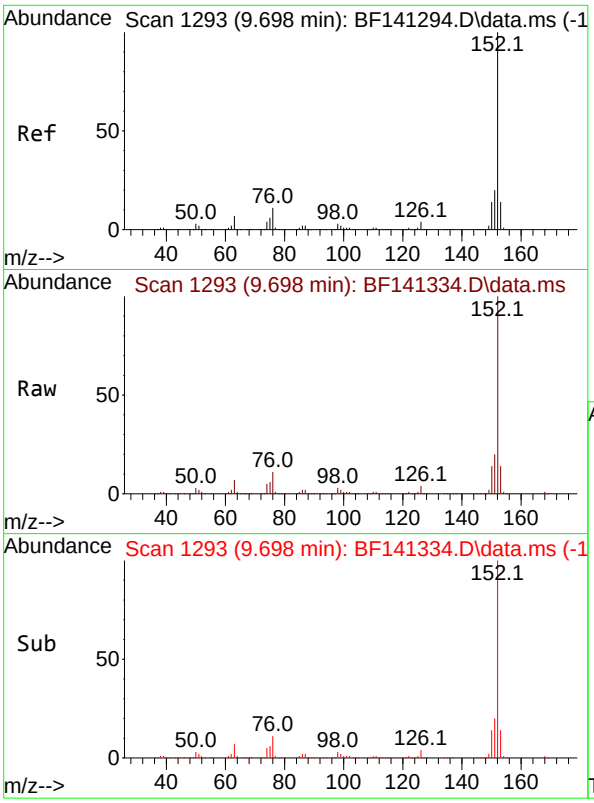


#48
2-Nitroaniline
Concen: 37.746 ng
RT: 9.380 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion: 65 Resp: 246493

Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.3	79.9
138	103.1	83.6	125.4



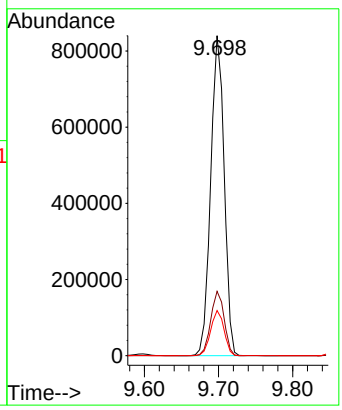


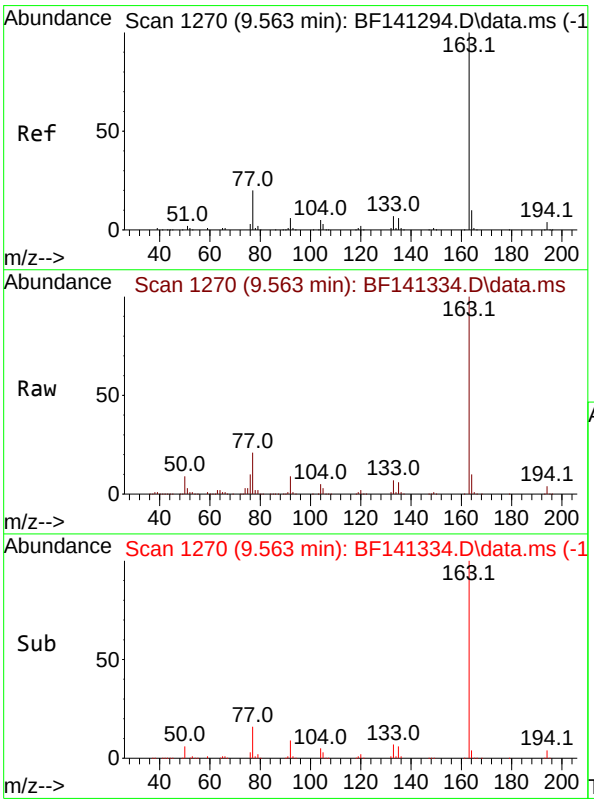
#49
Acenaphthylene
Concen: 36.509 ng
RT: 9.698 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 1061017

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.1	11.0	16.6

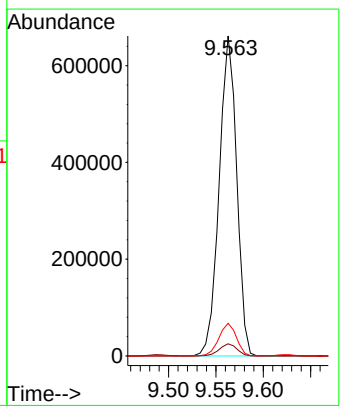


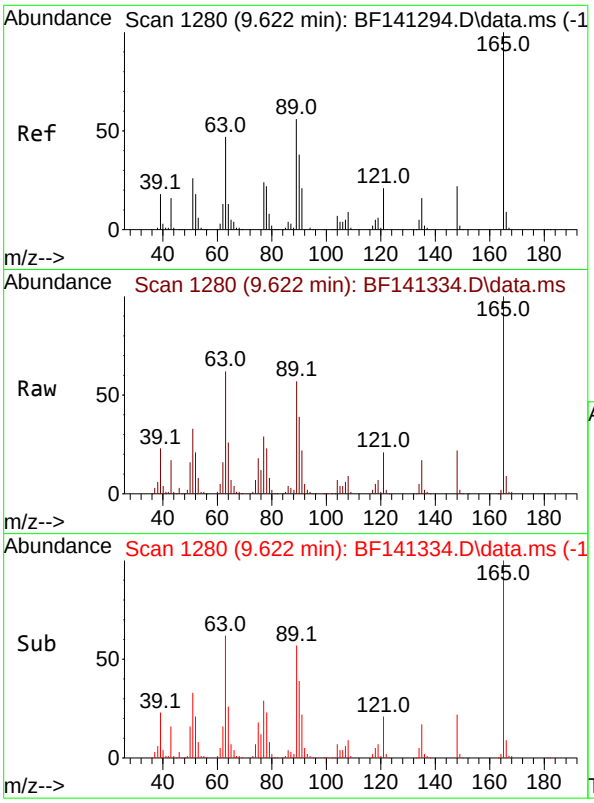


#50
Dimethylphthalate
Concen: 36.994 ng
RT: 9.563 min Scan# 1270
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:163 Resp: 853360

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	8.0	12.0



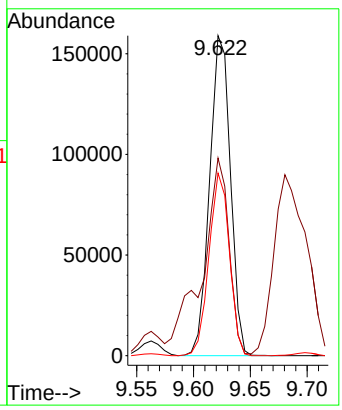


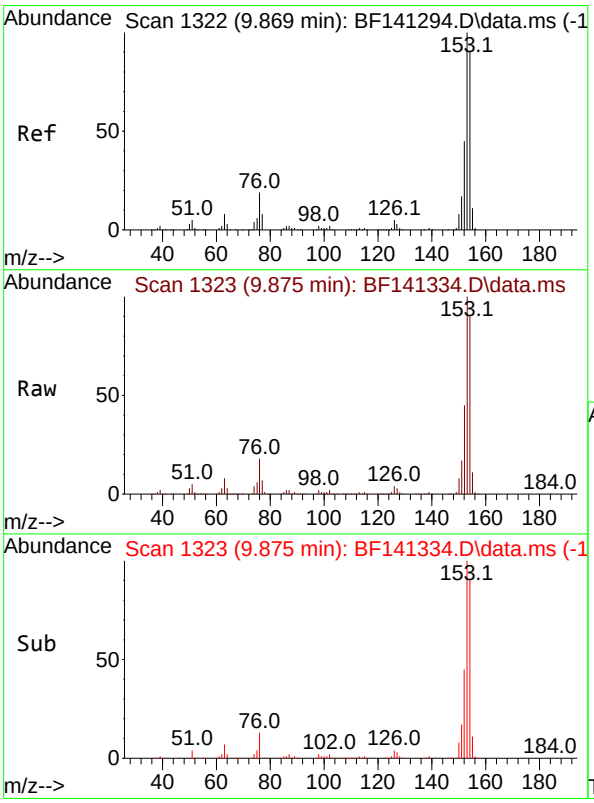
#51
2,6-Dinitrotoluene
Concen: 37.813 ng
RT: 9.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 202525

Ion	Ratio	Lower	Upper
165	100		
63	61.8	48.1	72.1
89	57.1	44.9	67.3

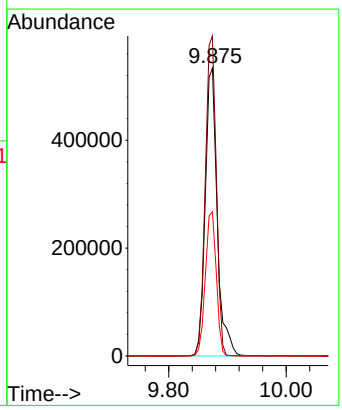


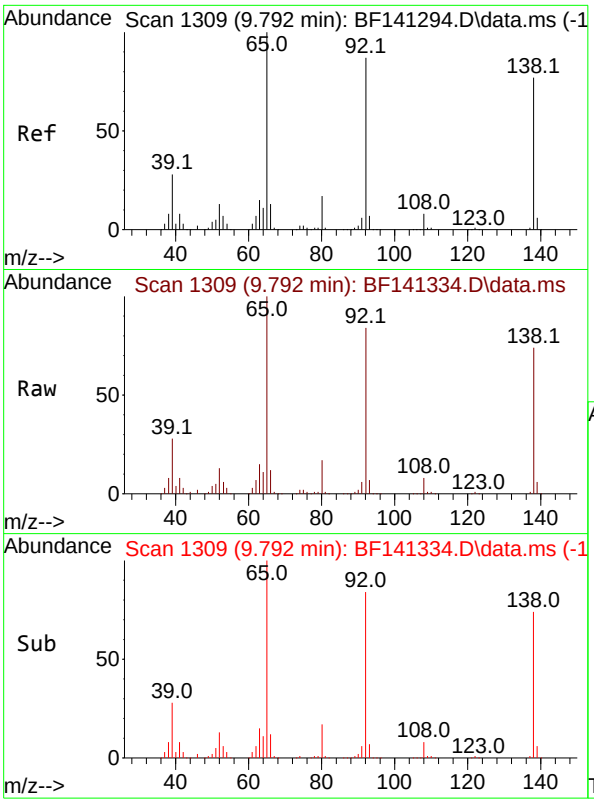


#52
Acenaphthene
Concen: 36.678 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:154 Resp: 761516

Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.0	133.4
152	50.1	40.2	60.4



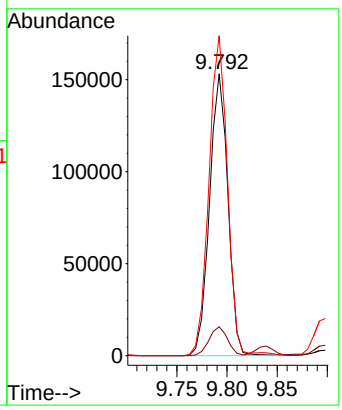


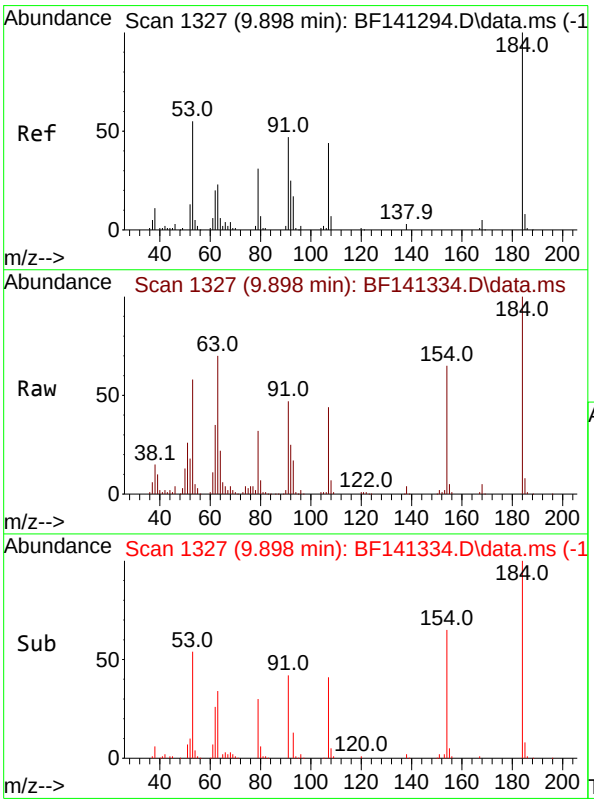
#53
3-Nitroaniline
Concen: 37.207 ng
RT: 9.792 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 195318

Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.6	12.8
92	113.5	91.0	136.6

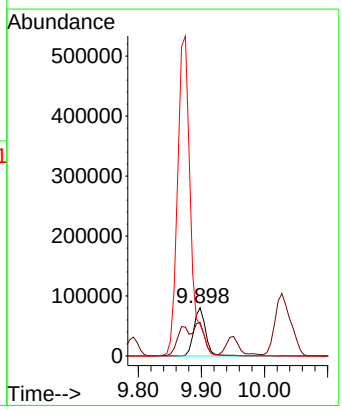


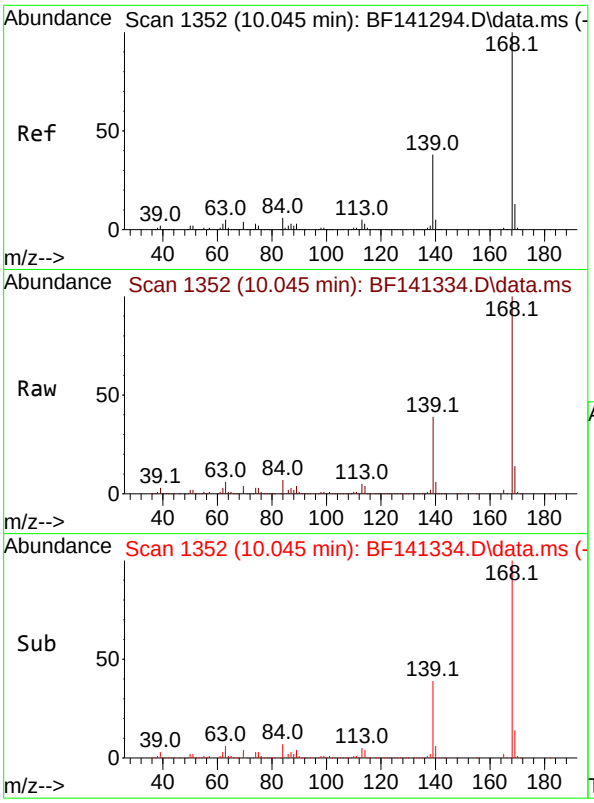


#54
2,4-Dinitrophenol
Concen: 41.956 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:184 Resp: 104461

Ion	Ratio	Lower	Upper
184	100		
63	69.8	54.1	81.1
154	65.4	50.7	76.1



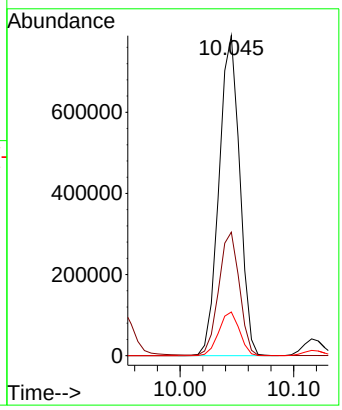


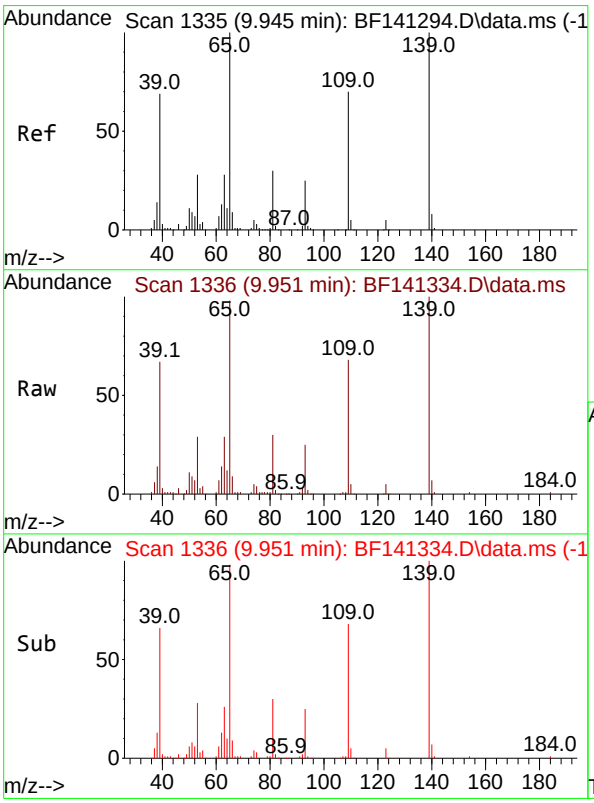
#55
Dibenzofuran
Concen: 35.957 ng
RT: 10.045 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:168 Resp: 999283

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	46.0
169	13.7	10.8	16.2

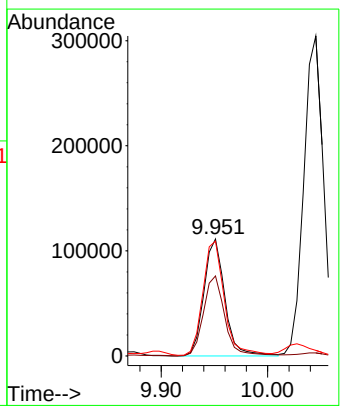


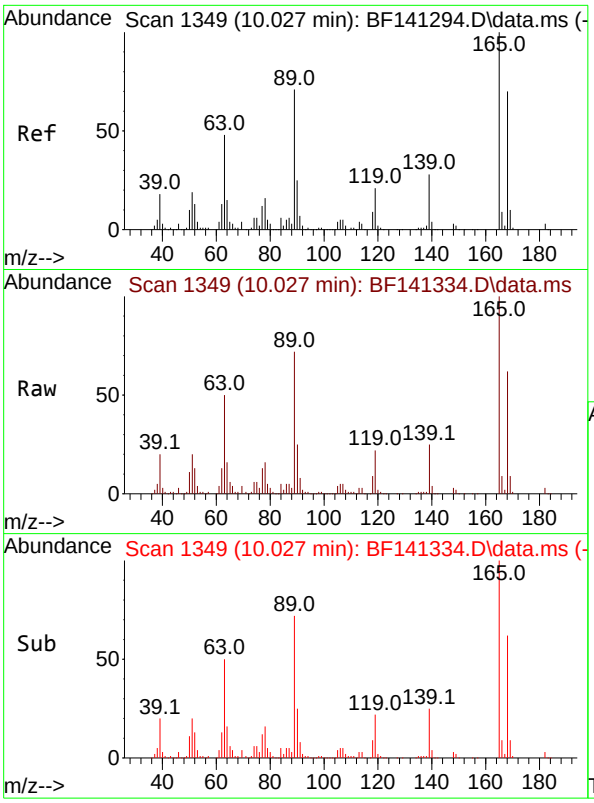


#56
4-Nitrophenol
Concen: 39.808 ng
RT: 9.951 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:139 Resp: 152830

Ion	Ratio	Lower	Upper
139	100		
109	68.4	50.2	90.2
65	98.2	80.6	120.6



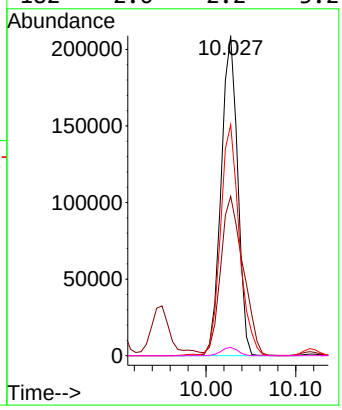


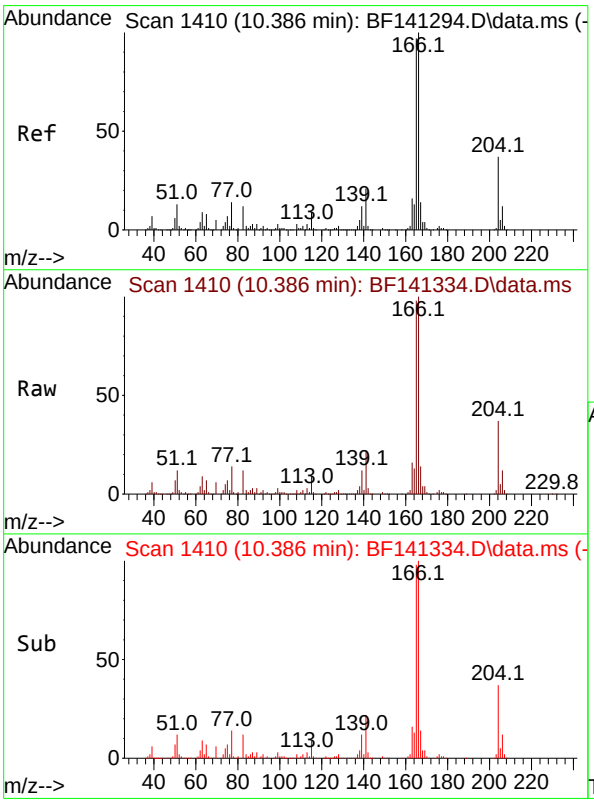
#57
2,4-Dinitrotoluene
Concen: 38.519 ng
RT: 10.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:165 Resp: 267112

Ion	Ratio	Lower	Upper
165	100		
63	49.8	39.2	58.8
89	72.2	56.9	85.3
182	2.6	2.2	3.2

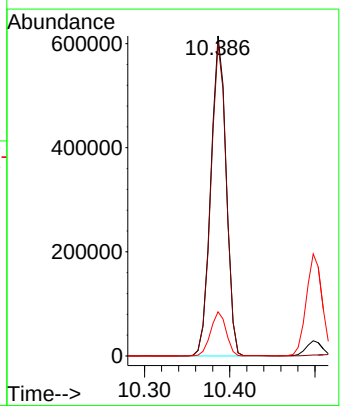


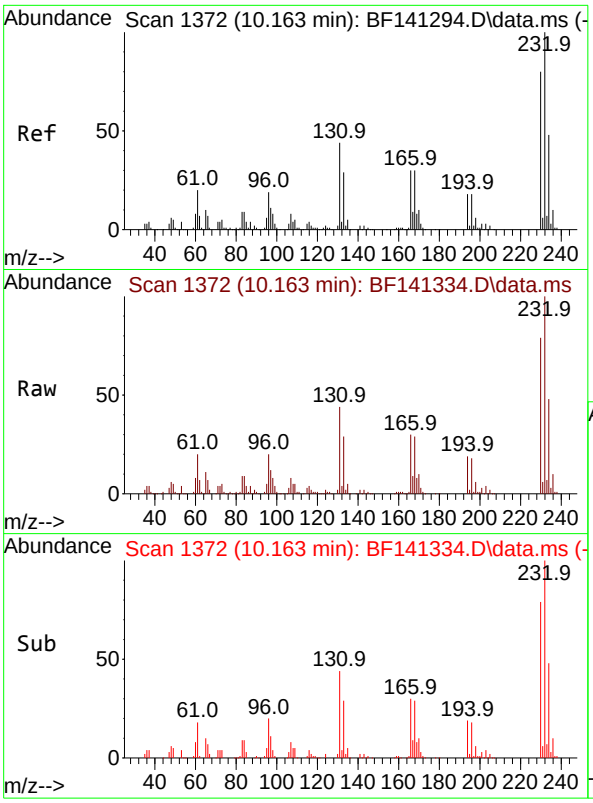


#58
Fluorene
Concen: 35.892 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:166 Resp: 773726

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.5	116.3
167	13.8	10.9	16.3



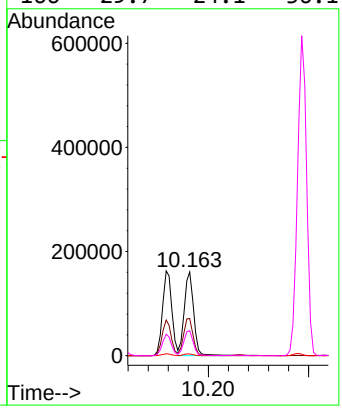


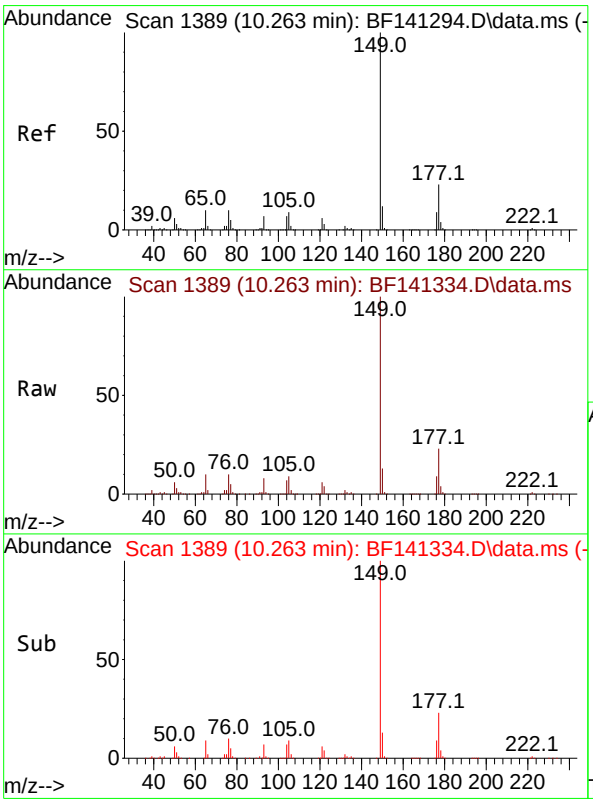
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.450 ng
RT: 10.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:232 Resp: 209383

Ion	Ratio	Lower	Upper
232	100		
131	45.2	36.4	54.6
130	2.2	1.9	2.9
166	29.7	24.1	36.1

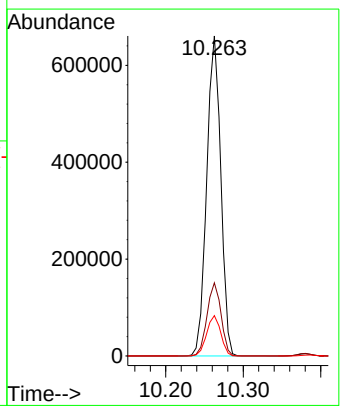


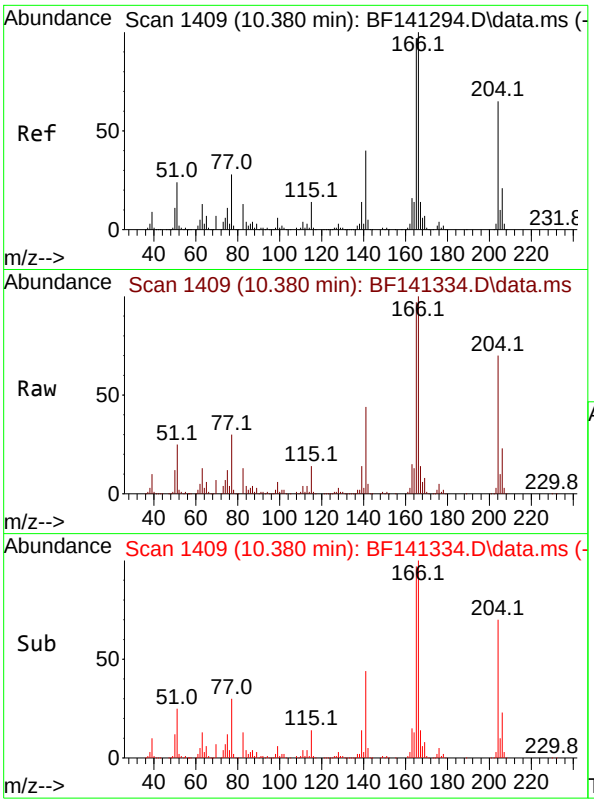


#60
Diethylphthalate
Concen: 37.205 ng
RT: 10.263 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 832152

Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	12.6	10.0	15.0



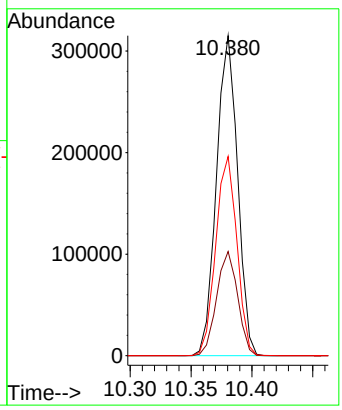


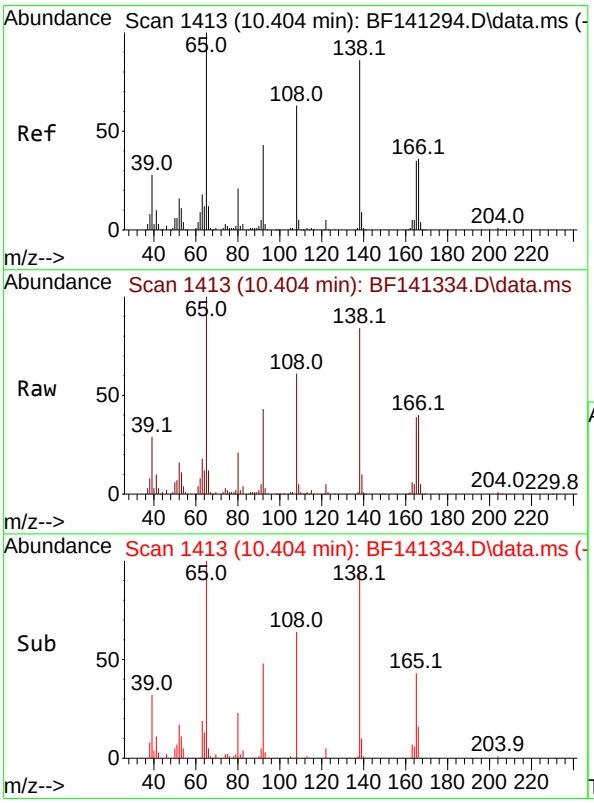
#61
4-Chlorophenyl-phenylether
Concen: 36.147 ng
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 380628

Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	62.2	49.5	74.3

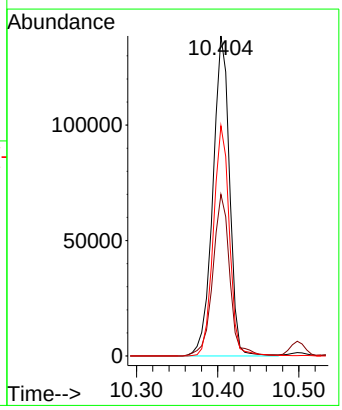


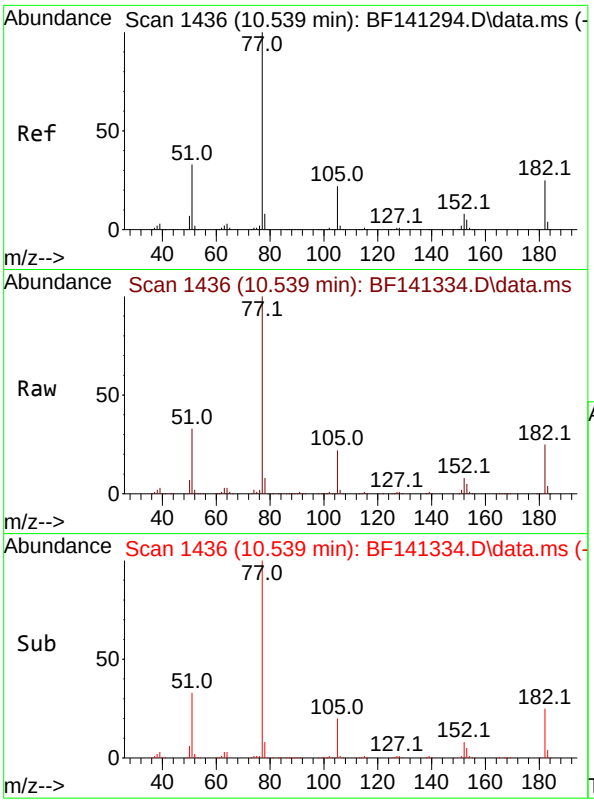


#62
4-Nitroaniline
Concen: 38.469 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:138 Resp: 198535

Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.1	70.1
108	71.9	53.1	93.1



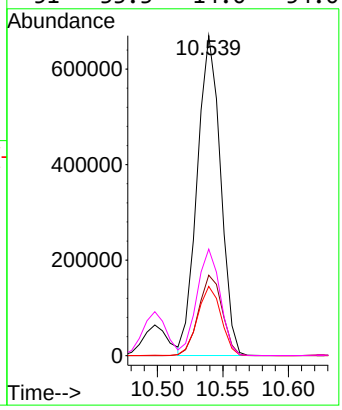


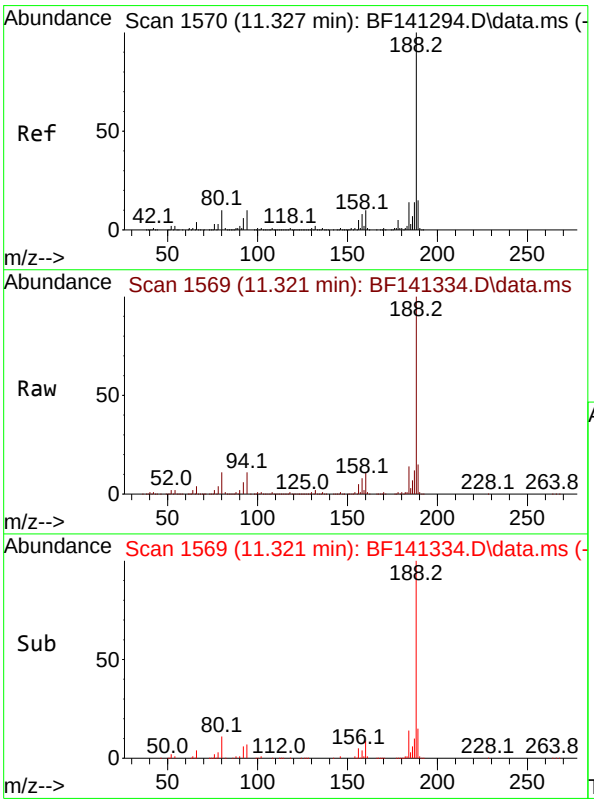
#63
Azobenzene
Concen: 37.160 ng
RT: 10.539 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 77 Resp: 831958

Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.1	45.1
105	21.7	1.8	41.8
51	33.3	14.0	54.0

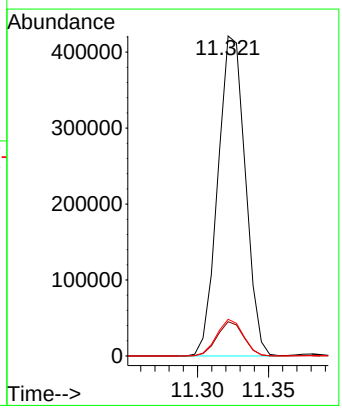


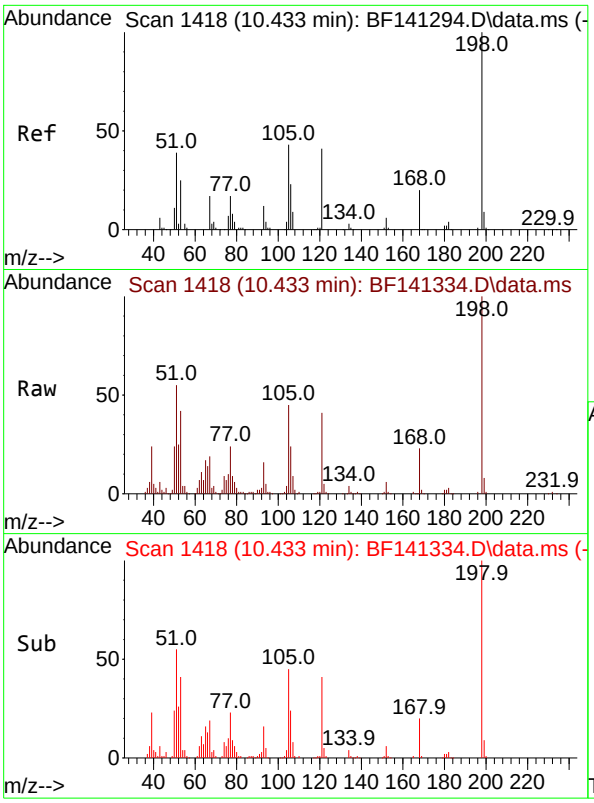


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:188 Resp: 566479

Ion	Ratio	Lower	Upper
188	100		
94	10.7	7.8	11.6
80	11.4	8.2	12.4



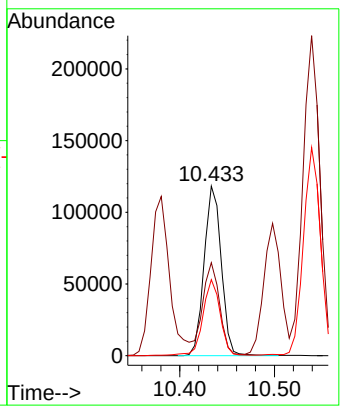


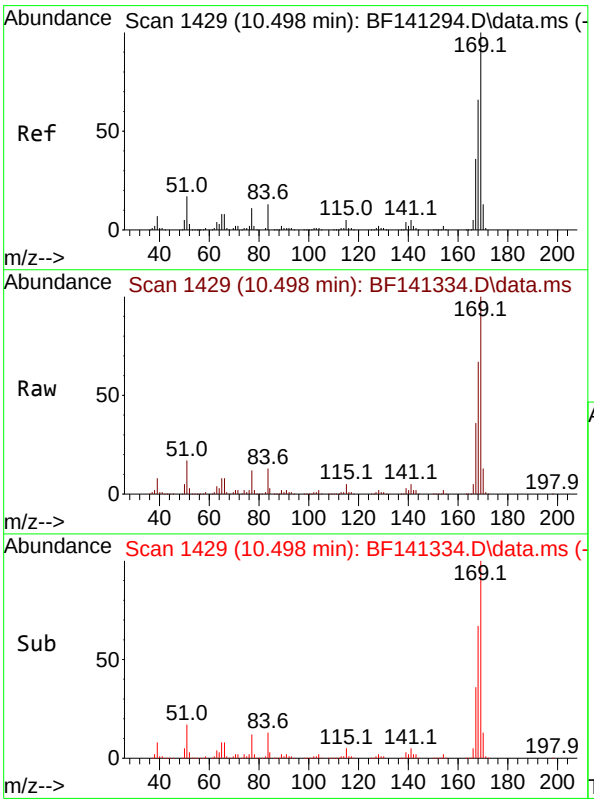
#65
4,6-Dinitro-2-methylphenol
Concen: 44.330 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 148537

Ion	Ratio	Lower	Upper
198	100		
51	54.8	33.4	73.4
105	44.8	24.4	64.4

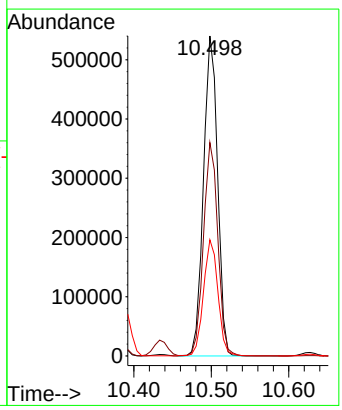


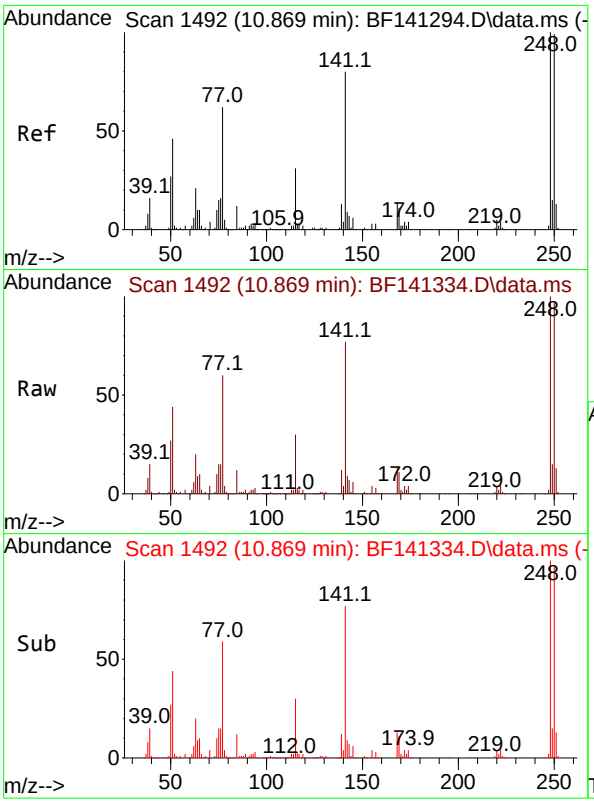


#66
n-Nitrosodiphenylamine
Concen: 37.253 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:169 Resp: 682549

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.0	79.4
167	36.3	28.8	43.2



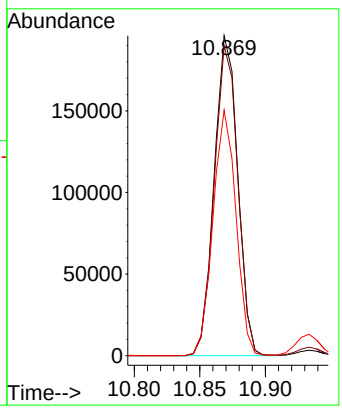


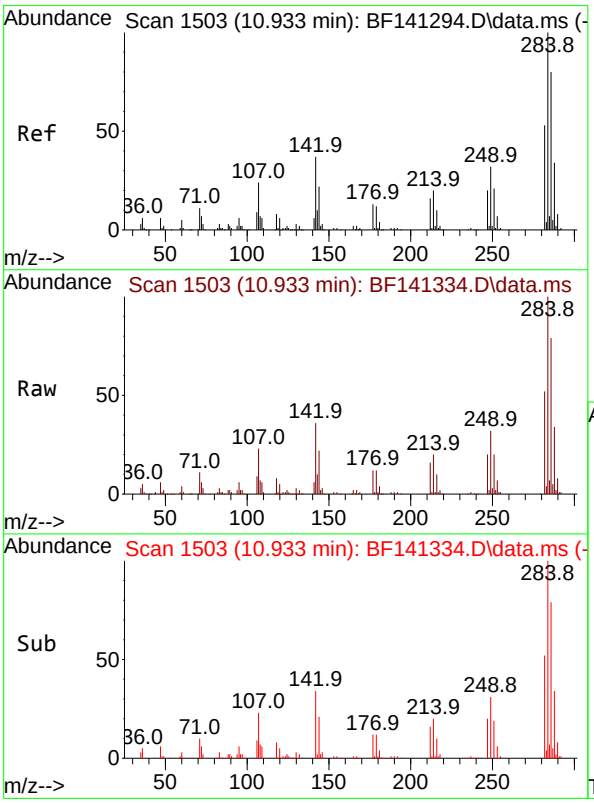
#67
4-Bromophenyl-phenylether
Concen: 38.536 ng
RT: 10.869 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:248 Resp: 244392

Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.0	118.4
141	76.7	63.7	95.5

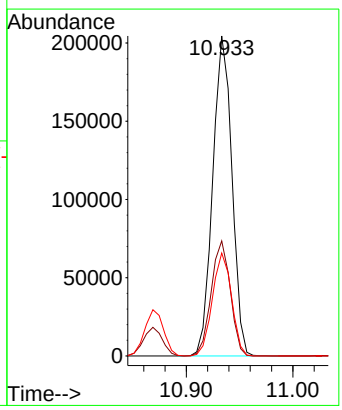


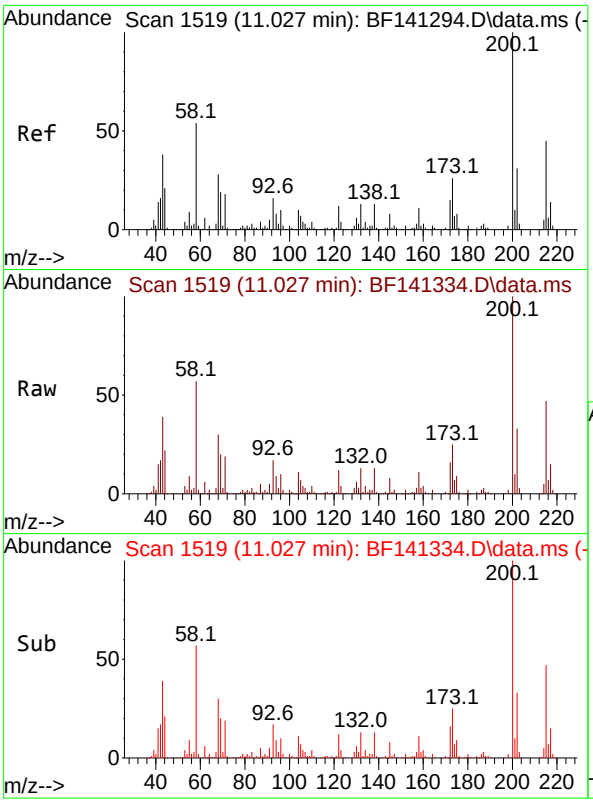


#68
Hexachlorobenzene
Concen: 37.954 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:284 Resp: 255323

Ion	Ratio	Lower	Upper
284	100		
142	35.9	29.5	44.3
249	32.2	25.4	38.2



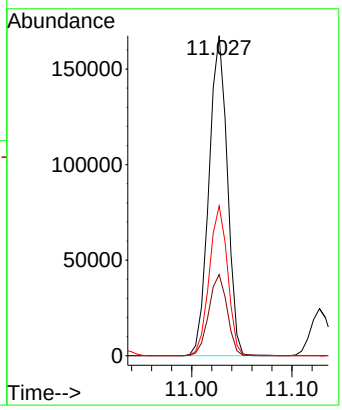


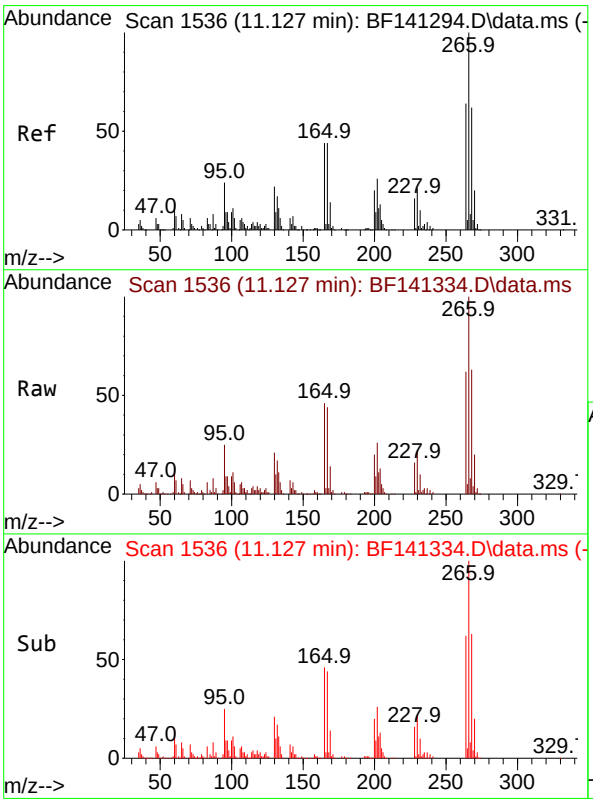
#69
Atrazine
Concen: 34.836 ng
RT: 11.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 213403

Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.9	45.9
215	46.8	25.2	65.2

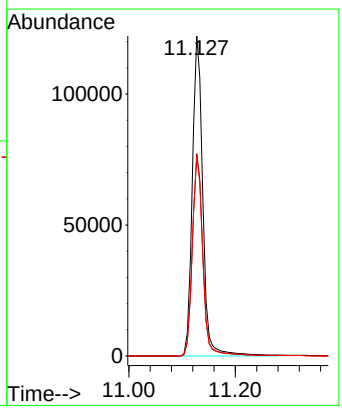


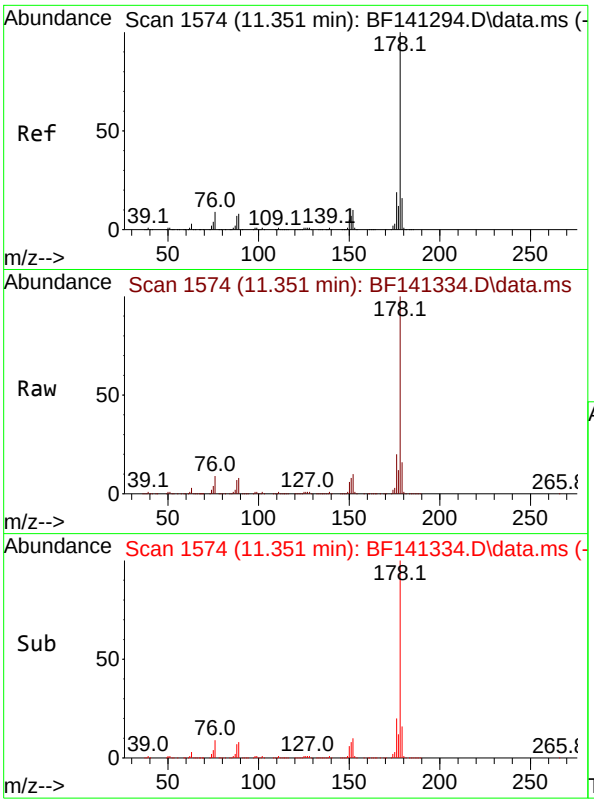


#70
Pentachlorophenol
Concen: 42.456 ng
RT: 11.127 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:266 Resp: 167246

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.9	74.9
264	62.5	51.0	76.4



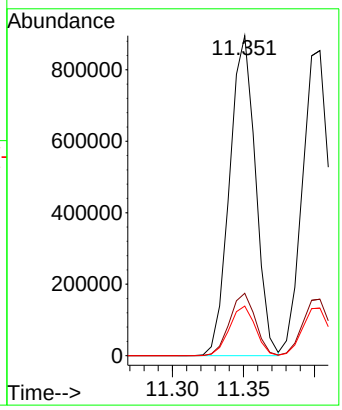


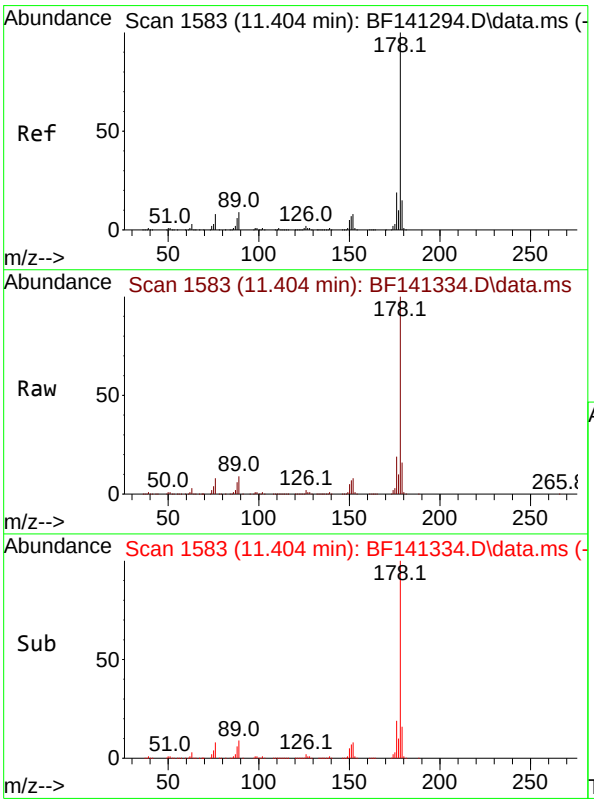
#71
Phenanthrene
Concen: 37.212 ng
RT: 11.351 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 1133127

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.5	12.5	18.7

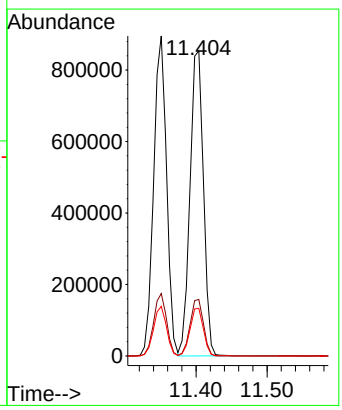


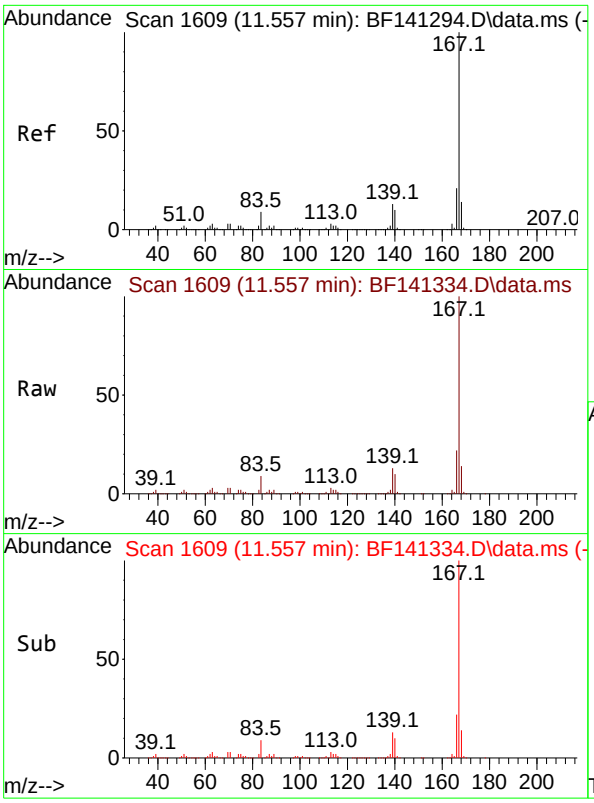


#72
Anthracene
Concen: 37.760 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:178 Resp: 1126615

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.6	12.3	18.5



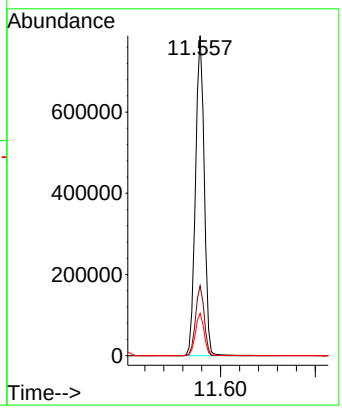


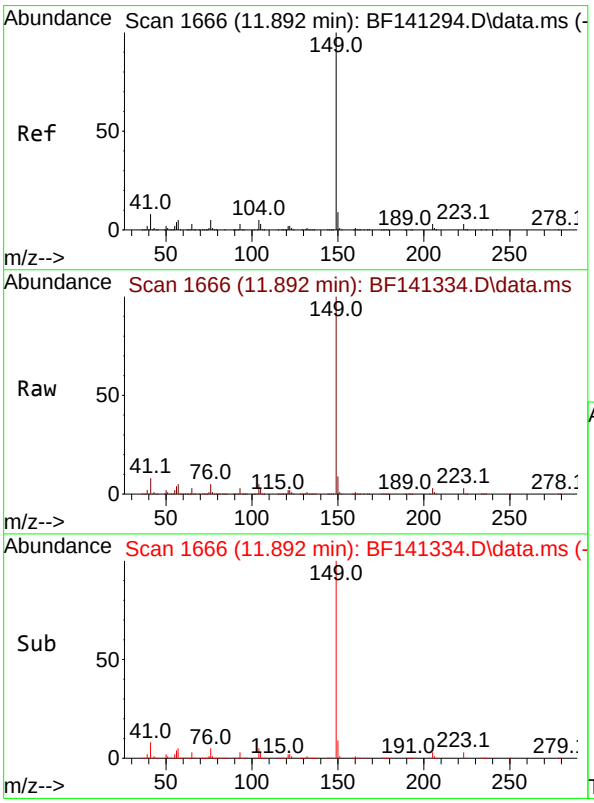
#73
Carbazole
Concen: 38.354 ng
RT: 11.557 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:167 Resp: 1014712

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.6
139	13.2	10.6	16.0

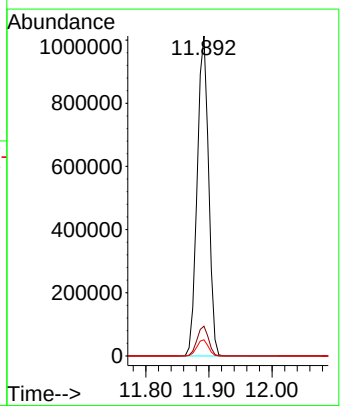


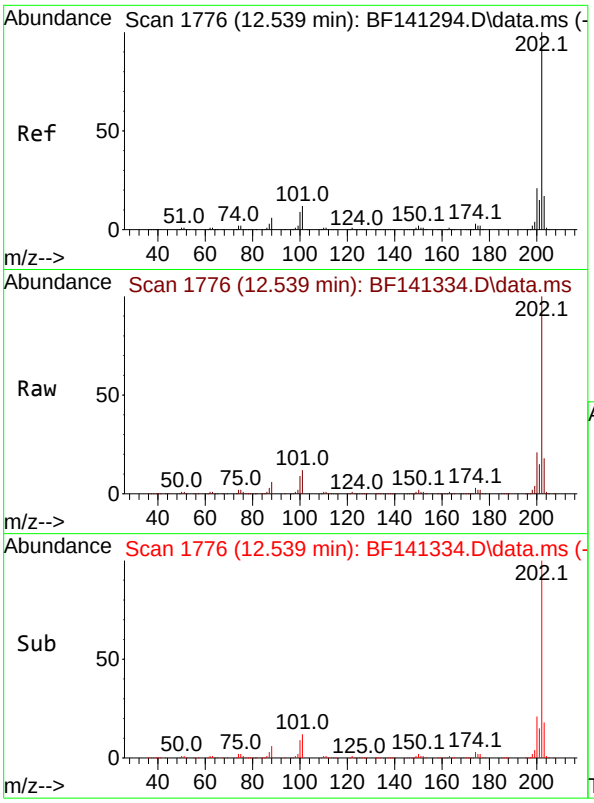


#74
Di-n-butylphthalate
Concen: 39.613 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 1270081

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	5.0	3.9	5.9



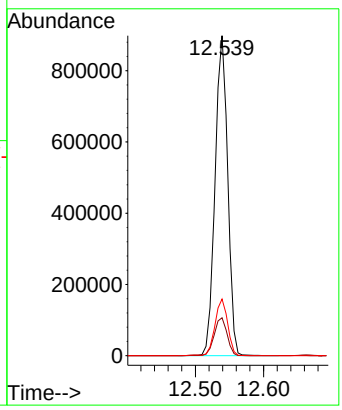


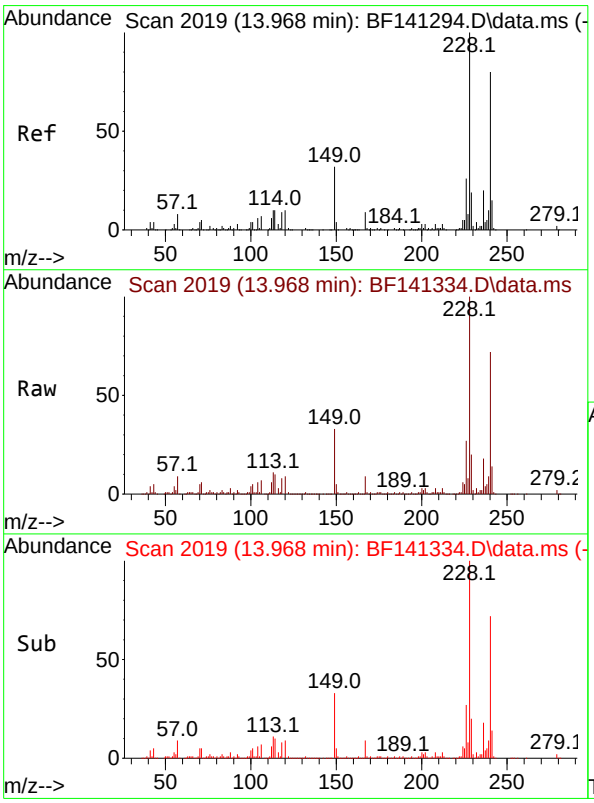
#75
Fluoranthene
Concen: 38.576 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:202 Resp: 1159837

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.7
203	17.7	0.0	37.5

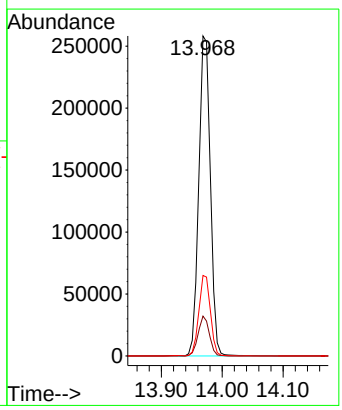


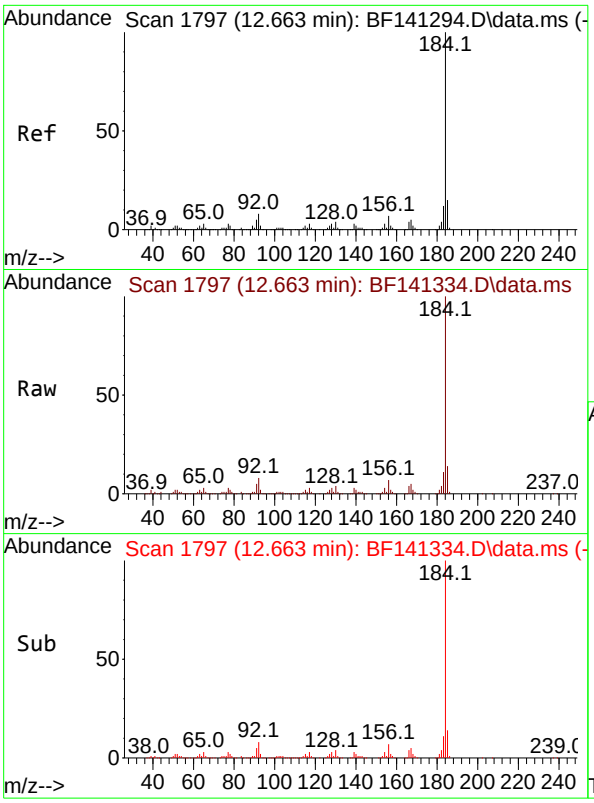


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:240 Resp: 341440

Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.0	15.0
236	25.1	19.7	29.5



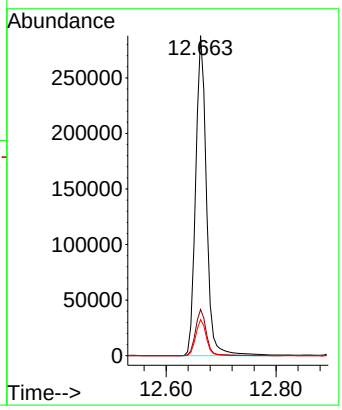


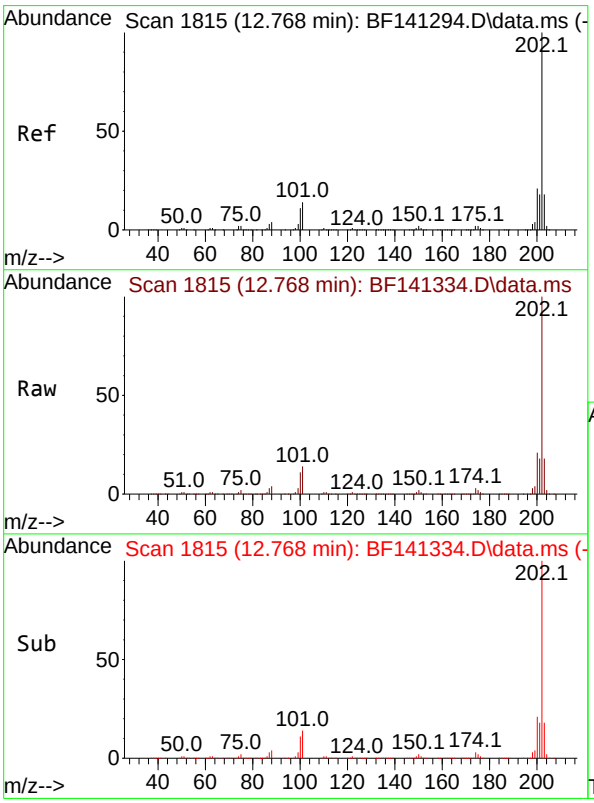
#77
Benzidine
Concen: 35.937 ng
RT: 12.663 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 393366

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.9	17.9
183	11.3	9.5	14.3

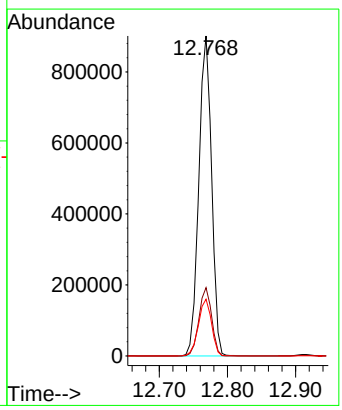


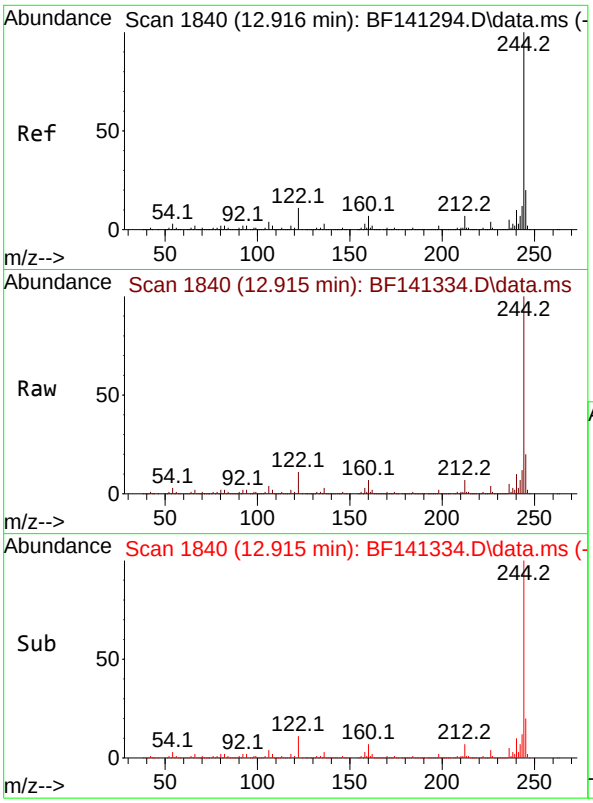


#78
Pyrene
Concen: 35.817 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:202 Resp: 1173910

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.7	14.3	21.5



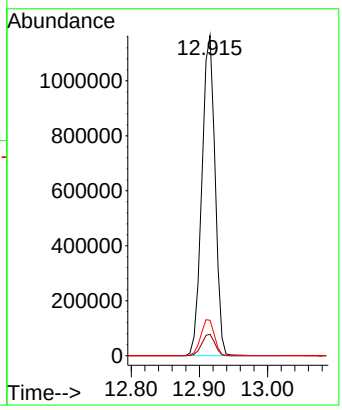


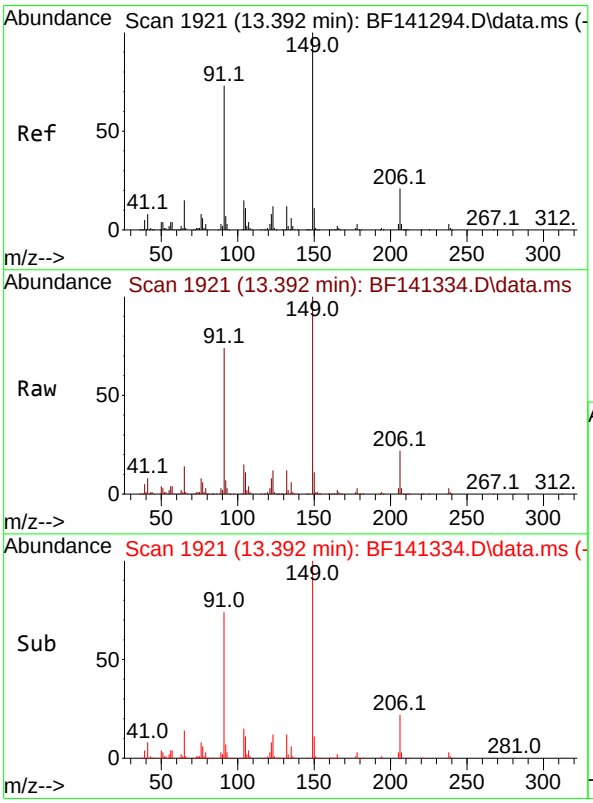
#79
Terphenyl-d14
Concen: 70.798 ng
RT: 12.915 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:244 Resp: 1567460

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	8.8	13.2

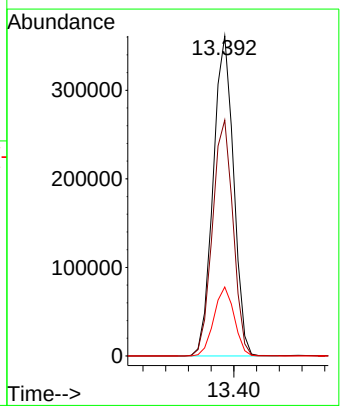


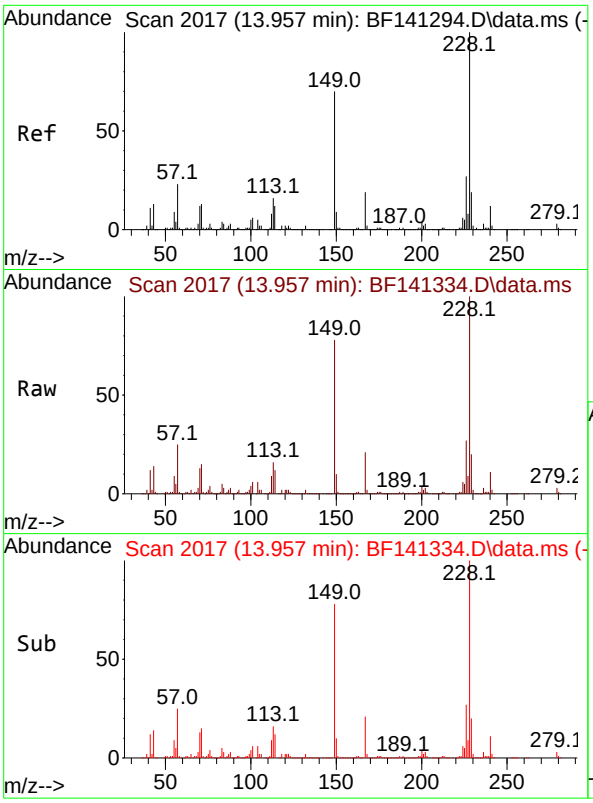


#80
Butylbenzylphthalate
Concen: 39.406 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 451201

Ion	Ratio	Lower	Upper
149	100		
91	73.7	58.6	87.8
206	21.5	16.7	25.1



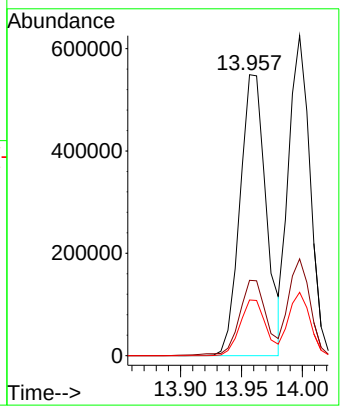


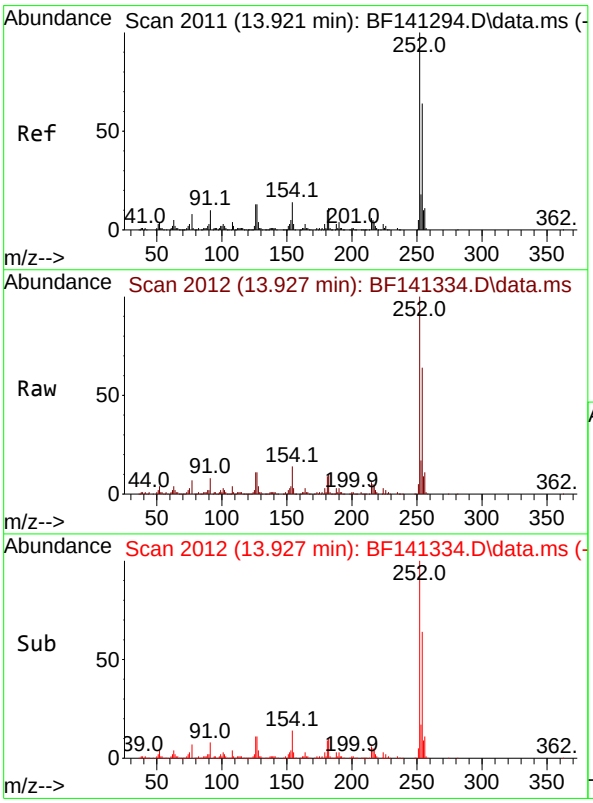
#81
Benzo(a)anthracene
Concen: 34.980 ng
RT: 13.957 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 824181

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.8	15.5	23.3

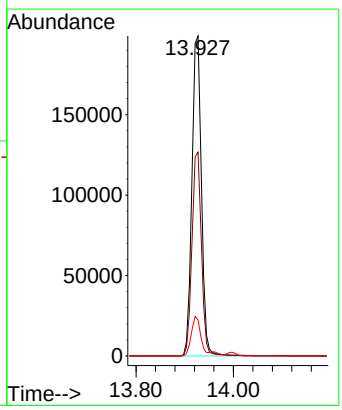


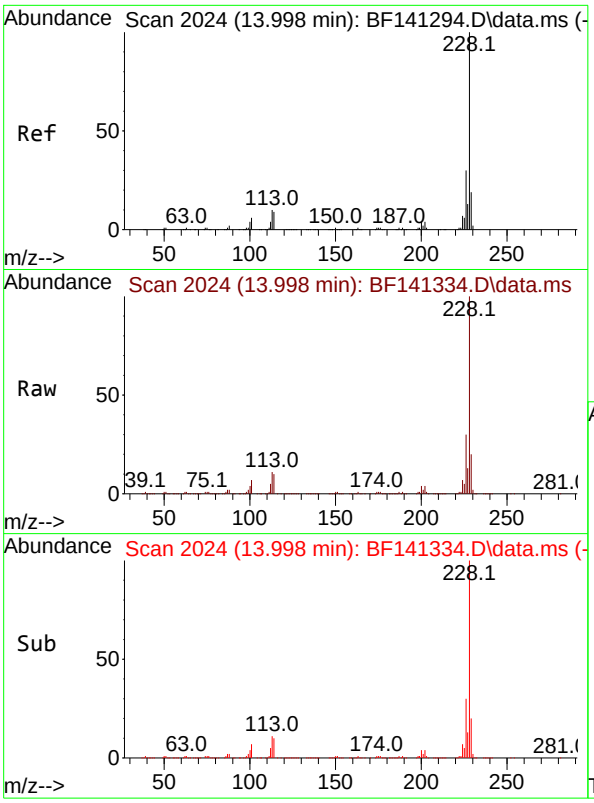


#82
3,3'-Dichlorobenzidine
Concen: 36.313 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 272114

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.3	76.9
126	11.2	10.0	15.0



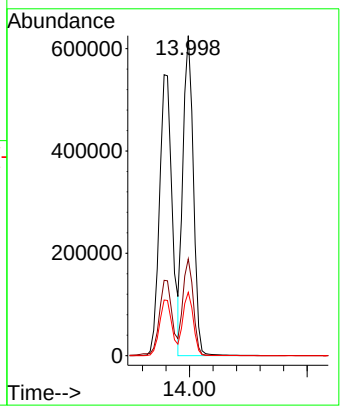


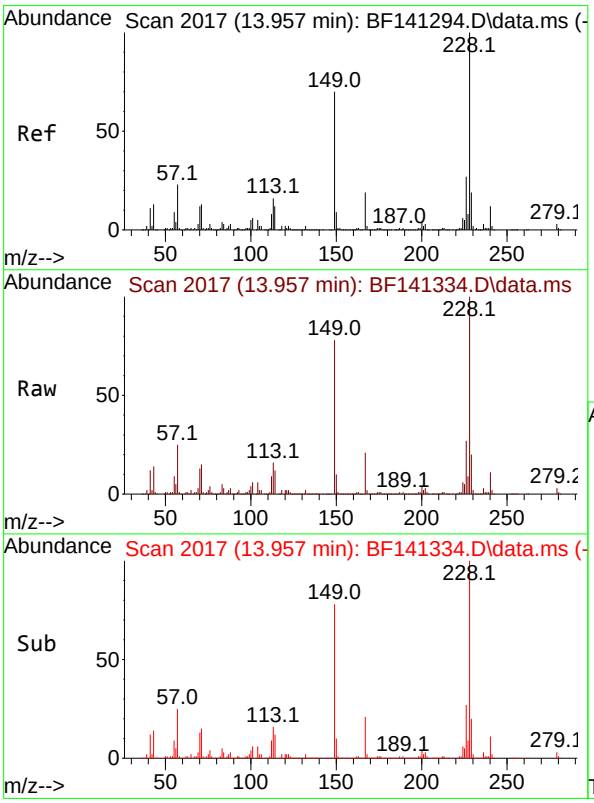
#83
Chrysene
Concen: 35.690 ng
RT: 13.998 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:228 Resp: 770666

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.8	15.6	23.4

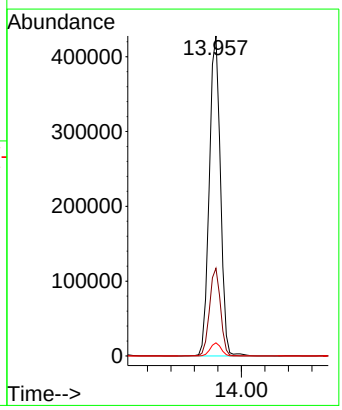


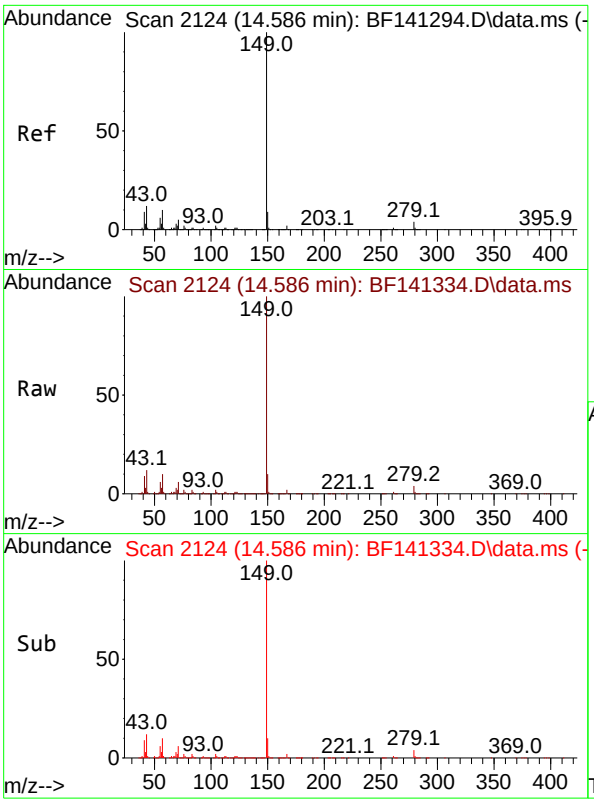


#84
Bis(2-ethylhexyl)phthalate
Concen: 38.633 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:149 Resp: 561147

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.1	3.3	4.9



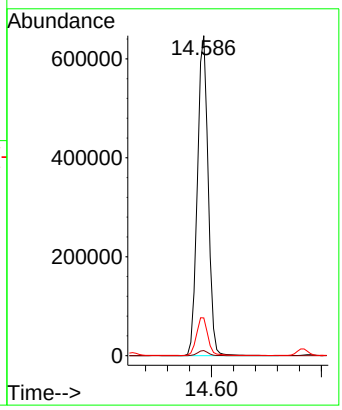


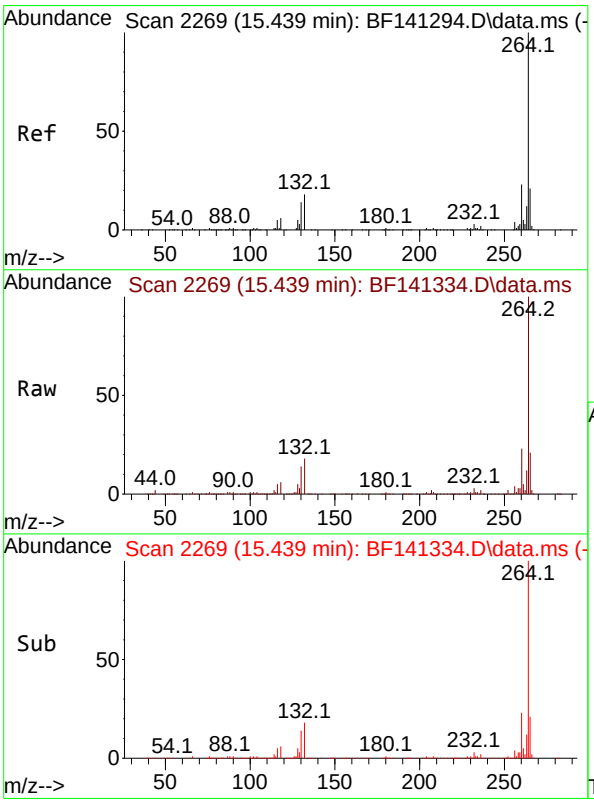
#85
Di-n-octyl phthalate
Concen: 39.037 ng
RT: 14.586 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 880674

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	9.8	14.8

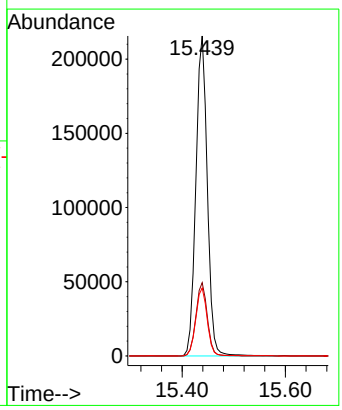


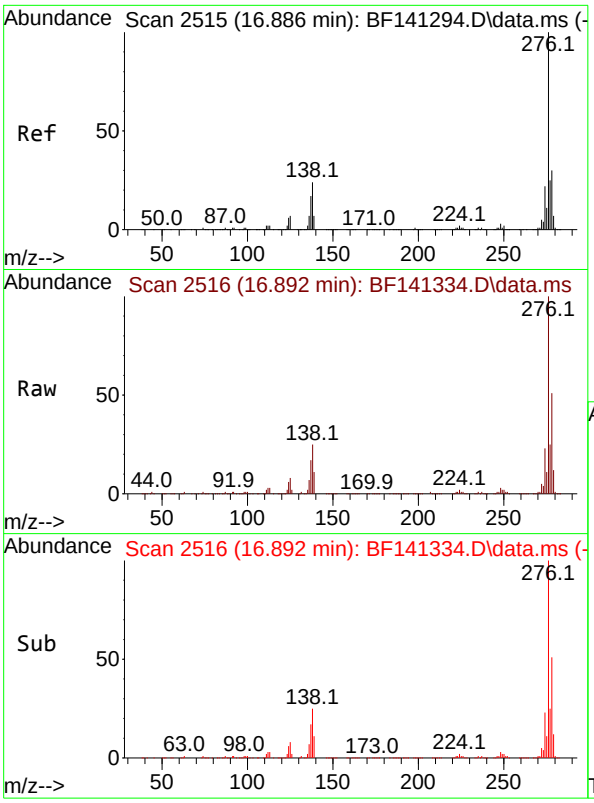


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:264 Resp: 331116

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.3	16.7	25.1



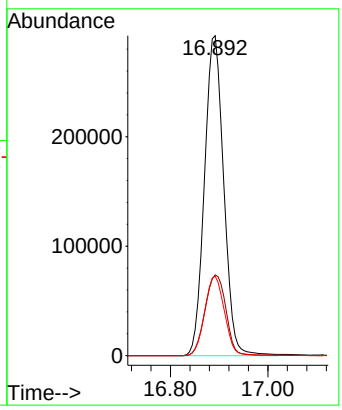


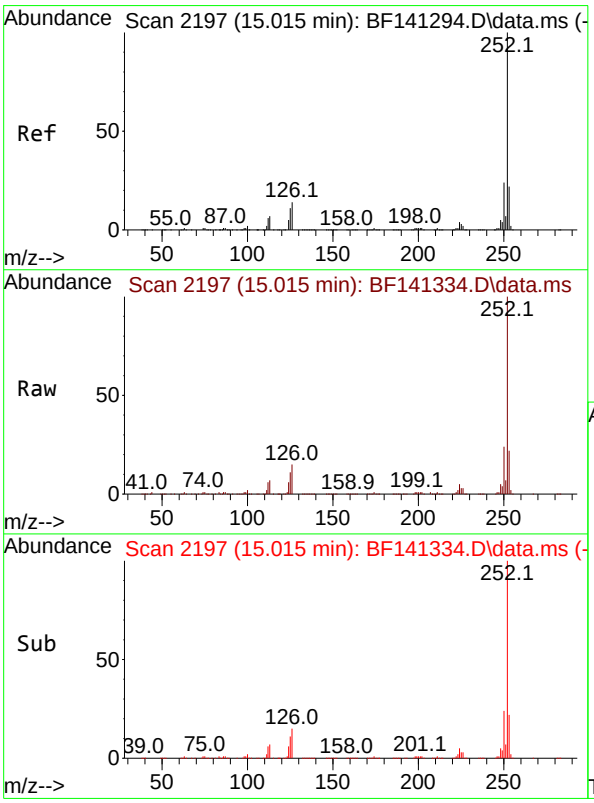
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.527 ng
RT: 16.892 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:276 Resp: 802001

Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.7	32.5
277	25.7	20.3	30.5

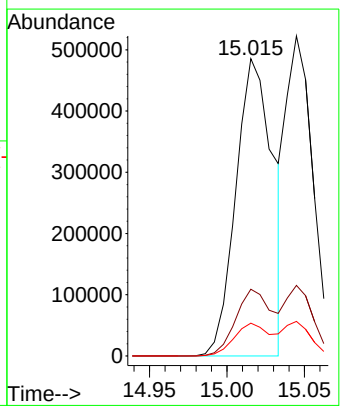


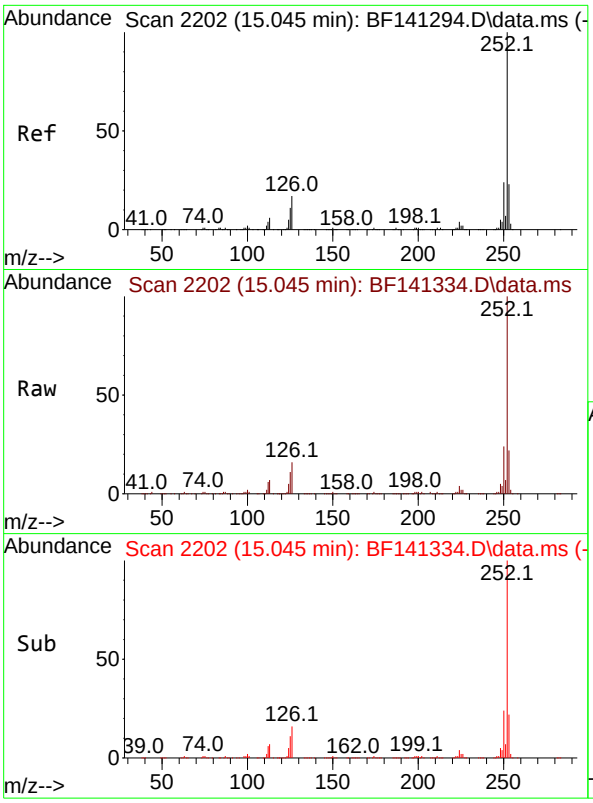


#88
Benzo(b)fluoranthene
Concen: 38.817 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 808478

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.0	8.6	12.8



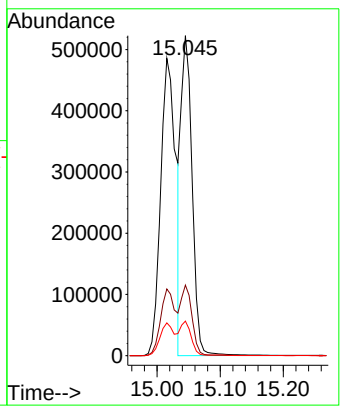


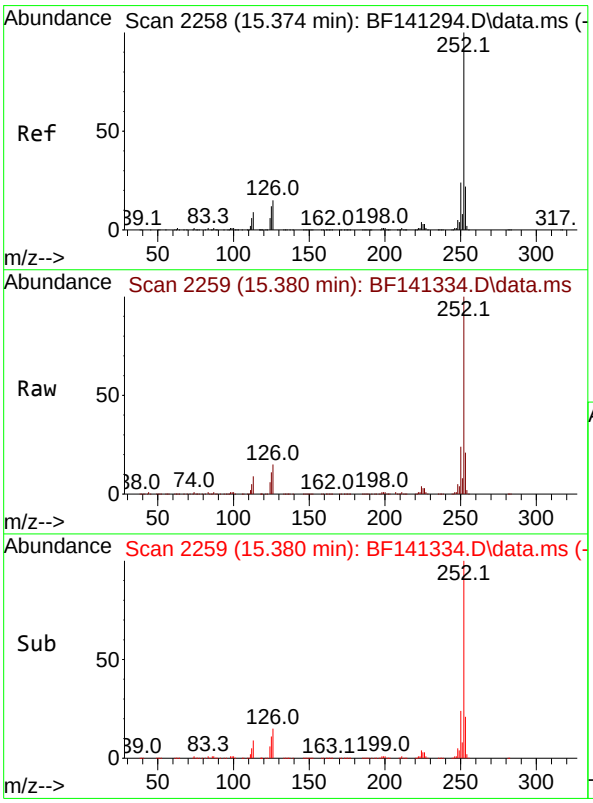
#89
Benzo(k)fluoranthene
Concen: 34.632 ng
RT: 15.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 638999

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	8.4	12.6

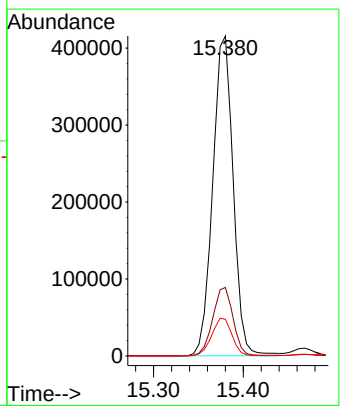


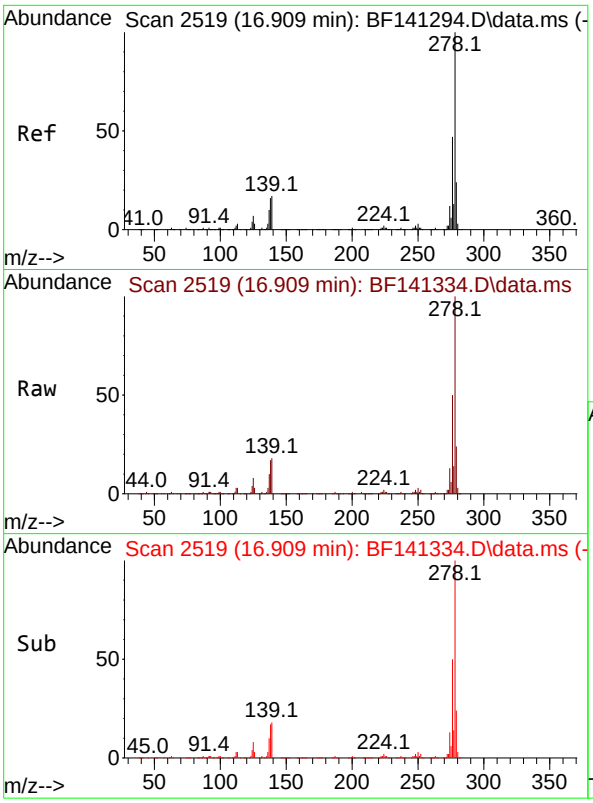


#90
Benzo(a)pyrene
Concen: 37.270 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:252 Resp: 655984

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.5	9.4	14.2



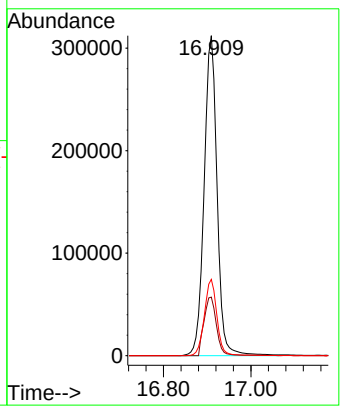


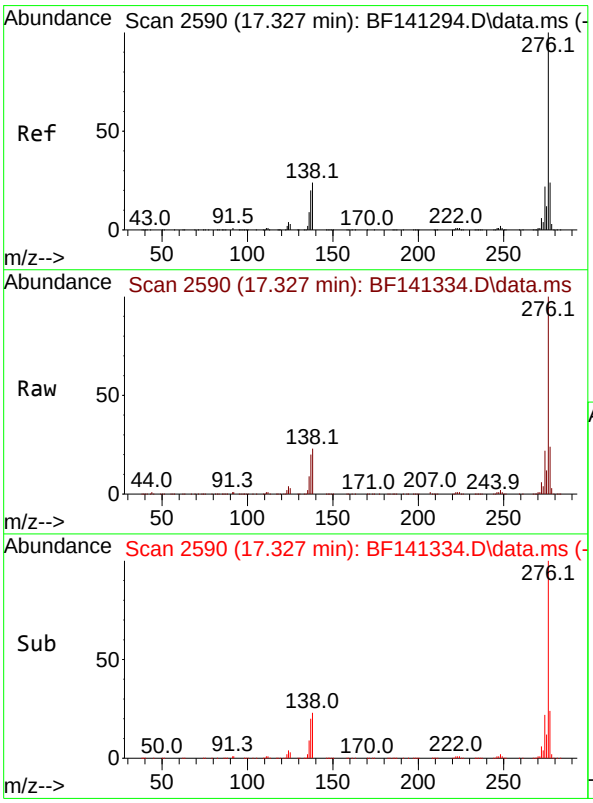
#91
Dibenzo(a,h)anthracene
Concen: 37.536 ng
RT: 16.909 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 645395

Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.9	20.9
279	23.9	18.8	28.2





#92
Benzo(g,h,i)perylene
Concen: 38.355 ng
RT: 17.327 min Scan# 2590
Delta R.T. -0.018 min
Lab File: BF141334.D
Acq: 31 Jan 2025 16:26

Tgt Ion:276 Resp: 685709

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	23.3	19.0	28.4

